F(000) = 8841.530 54.888i
X-ray photon energy = 8040.0eV (wavelength = 1.542092A) Ihkl = |Fhkl|^2

h	k	l	Ihkl(%)	FH	|FH|	phase	th	tth	dhkl
2	0	0	0.1	-28.766 -19.581i	34.798	-145.8	3.7722	7.5443	11.7200
4	0	0	22.3	565.716 35.380i	566.821	3.6	7.5608	15.1216	5.8600
6	0	0	0.1	-6.620 -38.604i	39.168	-99.7	11.3830	22.7660	3.9067
8	0	0	0.0	-17.070 16.627i	23.829	135.8	15.2574	30.5148	2.9300
10	0	0	100.0	-1199.452 -46.511i	1200.354	-177.8	19.2047	38.4095	2.3440
12	0	0	20.8	546.508 22.061i	546.954	2.3	23.2494	46.4987	1.9533
14	0	0	0.1	11.614 -27.573i	29.919	-67.2	27.4208	54.8416	1.6743
16	0	0	66.4	977.662 39.587i	978.463	2.3	31.7566	63.5131	1.4650
18	0	0	3.1	-210.449 -14.056i	210.918	-176.2	36.3062	72.6124	1.3022
20	0	0	15.7	473.909 38.093i	475.437	4.6	41.1391	82.2782	1.1720
22	0	0	0.2	53.545 -20.851i	57.462	-21.3	46.3590	92.7180	1.0655
24	0	0	11.8	411.693 20.692i	412.213	2.9	52.1357	104.2714	0.9767
26	0	0	6.6	305.838 -31.738i	307.481	-5.9	58.7880	117.5760	0.9015
28	0	0	10.3	384.352 11.976i	384.539	1.8	67.0793	134.1586	0.8371
30	0	0	0.1	7.678 -27.113i	28.179	-74.2	80.6922	161.3844	0.7813
2	2	0	0.0	12.558 -8.736i	15.298	-34.8	5.3385	10.6770	8.2873
4	2	0	3.6	-228.001 -6.942i	228.107	-178.3	8.4594	16.9188	5.2413
6	2	0	0.7	102.806 10.891i	103.381	6.0	12.0077	24.0154	3.7062
8	2	0	2.2	179.713 10.911i	180.044	3.5	15.7389	31.4779	2.8425
10	2	0	3.4	218.968 18.211i	219.724	4.8	19.6004	39.2009	2.2985
12	2	0	0.3	70.101 5.176i	70.291	4.2	23.5893	47.1787	1.9268
14	2	0	0.0	-15.869 2.056i	16.002	172.6	27.7230	55.4461	1.6575
16	2	0	2.2	-176.983 -13.141i	177.470	-175.8	32.0330	64.0659	1.4537
18	2	0	0.4	-72.155 -10.488i	72.913	-171.7	36.5657	73.1314	1.2943
20	2	0	3.2	-213.779 -14.395i	214.263	-176.1	41.3892	82.7784	1.1662
22	2	0	0.0	2.751 -1.142i	2.978	-22.5	46.6073	93.2146	1.0611
24	2	0	0.1	-41.839 1.419i	41.863	178.1	52.3919	104.7838	0.9733
26	2	0	4.5	253.210 13.042i	253.546	2.9	59.0685	118.1370	0.8989
28	2	0	0.3	66.413 8.379i	66.940	7.2	67.4270	134.8540	0.8350
4	4	0	0.8	102.710 22.090i	105.059	12.1	10.7241	21.4481	4.1436
6	4	0	8.3	-344.692 -26.238i	345.689	-175.6	13.7217	27.4433	3.2505
8	4	0	2.1	172.411 4.518i	172.471	1.5	17.1106	34.2212	2.6207
10	4	0	20.4	-540.629 -33.219i	541.649	-176.5	20.7496	41.4992	2.1763
12	4	0	6.0	293.380 9.767i	293.543	1.9	24.5877	49.1754	1.8531
14	4	0	3.9	-237.159 -16.437i	237.728	-176.0	28.6169	57.2338	1.6099
16	4	0	2.4	185.458 26.575i	187.352	8.2	32.8546	65.7092	1.4213
18	4	0	0.0	-17.509 -2.817i	17.735	-170.9	37.3400	74.6800	1.2712
20	4	0	3.7	230.757 26.925i	232.323	6.7	42.1379	84.2759	1.1492
22	4	0	0.0	-15.495 -10.961i	18.980	-144.7	47.3531	94.7061	1.0483
24	4	0	0.6	89.288 10.249i	89.874	6.5	53.1642	106.3283	0.9634
26	4	0	3.6	-226.317 -23.889i	227.575	-174.0	59.9190	119.8381	0.8911
28	4	0	0.1	33.925 2.371i	34.008	4.0	68.4966	136.9932	0.8287
6	6	0	10.8	393.962 30.115i	395.111	4.4	16.2076	32.4152	2.7624
8	6	0	5.5	-280.570 -8.645i	280.703	-178.2	19.2047	38.4095	2.3440
10	6	0	26.1	611.806 36.967i	612.922	3.5	22.5576	45.1152	2.0100
12	6	0	3.3	-219.114 -13.388i	219.523	-176.5	26.1885	52.3770	1.7471
14	6	0	1.6	148.612 19.842i	149.931	7.6	30.0684	60.1368	1.5389
16	6	0	0.6	86.931 -29.353i	91.753	-18.7	34.2012	68.4024	1.3717
18	6	0	0.0	14.484 6.285i	15.789	23.5	38.6182	77.2365	1.2354
20	6	0	10.3	-384.527 -30.420i	385.729	-175.5	43.3818	86.7636	1.1226
22	6	0	2.0	169.442 14.481i	170.060	4.9	48.5998	97.1996	1.0279
24	6	0	1.6	-151.869 -13.414i	152.460	-175.0	54.4653	108.9306	0.9475
26	6	0	1.0	118.543 26.327i	121.432	12.5	61.3702	122.7403	0.8785
28	6	0	0.3	61.190 -4.883i	61.384	-4.6	70.3823	140.7646	0.8186
8	8	0	7.8	-335.558 -13.045i	335.811	-177.8	21.8488	43.6976	2.0718
10	8	0	3.2	-212.731 -15.585i	213.301	-175.8	24.9138	49.8276	1.8304
12	8	0	5.5	-281.939 -7.526i	282.040	-178.5	28.3210	56.6420	1.6253
14	8	0	9.2	-363.218 -0.768i	363.219	-179.9	32.0330	64.0659	1.4537
16	8	0	0.7	97.712 10.654i	98.291	6.2	36.0460	72.0919	1.3103
18	8	0	0.0	-5.343 11.912i	13.055	114.2	40.3869	80.7738	1.1900
20	8	0	0.2	49.910 11.782i	51.282	13.3	45.1185	90.2371	1.0882
22	8	0	0.2	48.195 2.993i	48.288	3.6	50.3574	100.7149	1.0013
24	8	0	0.1	39.212 -3.058i	39.332	-4.5	56.3224	112.6448	0.9265
26	8	0	1.8	-161.109 -10.850i	161.474	-176.1	63.4861	126.9722	0.8617
28	8	0	0.0	-2.693 -9.484i	9.859	-105.9	73.3157	146.6313	0.8049
10	10	0	7.7	330.723 42.534i	333.447	7.3	27.7230	55.4461	1.6575
12	10	0	5.5	-280.866 -20.108i	281.585	-175.9	30.9191	61.8383	1.5006
14	10	0	0.5	83.937 25.896i	87.841	17.1	34.4674	68.9349	1.3624
16	10	0	22.1	-562.521 -36.508i	563.705	-176.3	38.3637	76.7274	1.2423
18	10	0	3.2	214.610 12.945i	215.000	3.5	42.6360	85.2720	1.1383
20	10	0	12.0	-413.629 -35.758i	415.172	-175.1	47.3531	94.7061	1.0483
22	10	0	3.2	212.587 20.066i	213.532	5.4	52.6487	105.2974	0.9700
24	10	0	4.7	-258.328 -18.943i	259.022	-175.8	58.7880	117.5760	0.9015
26	10	0	0.8	102.590 30.861i	107.131	16.7	66.3958	132.7916	0.8414
28	10	0	0.0	-0.482 -9.993i	10.005	-92.8	77.9656	155.9311	0.7884
12	12	0	0.1	36.945 -1.800i	36.988	-2.8	33.9340	67.8680	1.3812
14	12	0	1.2	-132.239 -5.005i	132.333	-177.8	37.3400	74.6800	1.2712
16	12	0	3.2	213.251 15.104i	213.785	4.1	41.1391	82.2782	1.1720
18	12	0	1.9	165.764 7.459i	165.932	2.6	45.3665	90.7331	1.0835
20	12	0	3.1	209.423 16.001i	210.033	4.4	50.1053	100.2105	1.0050
22	12	0	1.2	-131.190 -1.667i	131.201	-179.3	55.5209	111.0418	0.9354
24	12	0	0.0	-17.614 0.819i	17.633	177.3	61.9638	123.9276	0.8736
26	12	0	0.0	-19.822 -13.790i	24.147	-145.2	70.3823	140.7646	0.8186
14	14	0	0.6	-89.835 10.749i	90.476	173.2	40.6379	81.2759	1.1839
16	14	0	5.6	-284.024 -21.116i	284.808	-175.7	44.3745	88.7491	1.1025
18	14	0	0.1	-45.777 -1.003i	45.788	-178.7	48.5998	97.1996	1.0279
20	14	0	2.7	-195.421 -21.361i	196.585	-173.8	53.4229	106.8459	0.9601
22	14	0	2.4	-187.695 6.332i	187.802	178.1	59.0685	118.1370	0.8989
24	14	0	0.7	-102.306 -6.423i	102.508	-176.4	66.0597	132.1194	0.8436
26	14	0	5.5	281.397 19.236i	282.054	3.9	76.2547	152.5094	0.7938
16	16	0	5.4	276.151 30.026i	277.778	6.2	48.1004	96.2009	1.0359
18	16	0	1.3	-136.347 -8.678i	136.623	-176.4	52.3919	104.7838	0.9733
20	16	0	11.8	411.071 30.198i	412.179	4.2	57.4060	114.8121	0.9152
22	16	0	0.8	-106.471 -15.426i	107.582	-171.8	63.4861	126.9722	0.8617
24	16	0	2.3	180.720 14.600i	181.309	4.6	71.5900	143.1801	0.8126
18	18	0	7.2	-320.770 -12.190i	321.002	-177.8	56.8620	113.7240	0.9208
20	18	0	0.6	-89.620 -9.709i	90.144	-173.8	62.2637	124.5275	0.8711
22	18	0	0.0	-20.277 -3.361i	20.553	-170.6	69.2340	138.4680	0.8246
24	18	0	0.6	94.858 3.798i	94.934	2.3	80.6922	161.3844	0.7813
20	20	0	3.6	227.352 29.412i	229.247	7.4	68.4966	136.9932	0.8287
22	20	0	3.2	-215.106 -16.299i	215.723	-175.7	77.9656	155.9311	0.7884
5	3	1	7.0	317.562 0.335i	317.562	0.1	11.2217	22.4434	3.9621
7	3	1	0.0	-11.867 -0.015i	11.867	-179.9	14.6354	29.2708	3.0516
9	3	1	6.5	306.115 0.437i	306.115	0.1	18.2880	36.5759	2.4572
11	3	1	0.1	40.085 0.066i	40.085	0.1	22.1167	44.2334	2.0480
13	3	1	1.0	-122.155 -0.226i	122.155	-179.9	26.1101	52.2202	1.7520
15	3	1	0.0	24.618 0.050i	24.618	0.1	30.2824	60.5648	1.5291
17	3	1	10.5	389.811 0.855i	389.812	0.1	34.6665	69.3329	1.3556
19	3	1	1.6	149.630 0.348i	149.630	0.1	39.3156	78.6313	1.2169

21	3	1	0.1	-43.141	-0.105i	43.141	-179.9	44.3125	88.6250	1.1037
23	3	1	0.4	-78.308	-0.198i	78.308	-179.9	49.7906	99.5812	1.0096
25	3	1	0.6	92.585	0.243i	92.585	0.2	55.9874	111.9747	0.9302
27	3	1	1.9	-166.864	-0.453i	166.865	-179.8	63.4086	126.8171	0.8623
29	3	1	0.0	-18.413	-0.052i	18.413	-179.8	73.6569	147.3138	0.8035
7	5	1	1.0	121.559	0.162i	121.559	0.1	16.5513	33.1027	2.7066
9	5	1	2.8	202.463	0.307i	202.463	0.1	19.8929	39.7858	2.2660
11	5	1	0.0	7.211	0.012i	7.211	0.1	23.5047	47.0094	1.9333
13	5	1	0.8	104.115	0.199i	104.115	0.1	27.3449	54.6898	1.6786
15	5	1	1.9	-166.632	-0.347i	166.632	-179.9	31.4092	62.8183	1.4795
17	5	1	0.8	109.154	0.243i	109.154	0.1	35.7196	71.4392	1.3207
19	5	1	0.0	-19.958	-0.047i	19.958	-179.9	40.3241	80.6481	1.1915
21	5	1	0.0	-3.228	-0.008i	3.228	-179.9	45.3045	90.6091	1.0847
23	5	1	0.0	3.285	0.008i	3.285	0.1	50.7998	101.5995	0.9950
25	5	1	0.2	56.266	0.148i	56.266	0.2	57.0655	114.1309	0.9187
27	5	1	0.1	37.940	0.104i	37.941	0.2	64.6688	129.3376	0.8531
29	5	1	1.2	-132.598	-0.376i	132.598	-179.8	75.5976	151.1952	0.7961
9	7	1	0.0	12.792	0.021i	12.792	0.1	22.1167	44.2334	2.0480
11	7	1	0.3	-66.857	-0.121i	66.857	-179.9	25.4771	50.9543	1.7925
13	7	1	0.5	87.276	0.173i	87.276	0.1	29.1300	58.2601	1.5839
15	7	1	0.1	-34.987	-0.075i	34.987	-179.9	33.0583	66.1167	1.4135
17	7	1	0.3	60.507	0.137i	60.507	0.1	37.2757	74.5514	1.2731
19	7	1	0.0	-6.439	-0.015i	6.439	-179.9	41.8262	83.6525	1.1562
21	7	1	0.1	-44.356	-0.110i	44.357	-179.9	46.7936	93.5872	1.0578
23	7	1	0.1	43.347	0.111i	43.347	0.1	52.3278	104.6556	0.9741
25	7	1	0.4	-76.666	-0.204i	76.667	-179.8	58.7181	117.4362	0.9022
27	7	1	0.1	30.493	0.084i	30.493	0.2	66.6503	133.3006	0.8398
29	7	1	0.1	27.562	0.079i	27.562	0.2	79.0783	158.1566	0.7853
11	9	1	0.5	87.844	0.170i	87.844	0.1	27.9482	55.8965	1.6452
13	9	1	3.7	230.236	0.479i	230.236	0.1	31.4092	62.8183	1.4795
15	9	1	2.1	174.857	0.386i	174.858	0.1	35.1947	70.3895	1.3378
17	9	1	0.7	99.747	0.232i	99.747	0.1	39.3156	78.6313	1.2169
19	9	1	0.1	-34.059	-0.082i	34.060	-179.9	43.8163	87.6326	1.1137
21	9	1	0.0	-0.932	-0.002i	0.932	-179.9	48.7874	97.5747	1.0250
23	9	1	0.8	-107.259	-0.279i	107.260	-179.9	54.3998	108.7996	0.9483
25	9	1	1.7	-157.644	-0.424i	157.645	-179.8	61.0031	122.0063	0.8816
27	9	1	0.9	-115.005	-0.320i	115.005	-179.8	69.5161	139.0321	0.8231
13	11	1	4.2	-246.833	-0.537i	246.833	-179.9	34.1345	68.2690	1.3741
15	11	1	0.7	100.488	0.229i	100.489	0.1	37.7890	75.5781	1.2583
17	11	1	0.4	73.060	0.174i	73.060	0.1	41.8262	83.6525	1.1562
19	11	1	0.0	-12.848	-0.032i	12.848	-179.9	46.2969	92.5938	1.0666
21	11	1	0.3	63.084	0.161i	63.085	0.1	51.3070	102.6141	0.9879
23	11	1	0.0	-15.976	-0.042i	15.976	-179.8	57.0655	114.1309	0.9187
25	11	1	0.7	-99.813	-0.272i	99.814	-179.8	64.0332	128.0665	0.8576
27	11	1	0.1	-29.339	-0.083i	29.339	-179.8	73.6569	147.3138	0.8035
15	13	1	0.7	103.020	0.243i	103.020	0.1	40.8260	81.6520	1.1794
17	13	1	0.0	25.338	0.062i	25.338	0.1	44.8086	89.6171	1.0941
19	13	1	0.1	27.779	0.070i	27.779	0.1	49.2883	98.5766	1.0172
21	13	1	0.3	-64.219	-0.167i	64.219	-179.9	54.3998	108.7996	0.9483
23	13	1	0.2	53.392	0.143i	53.392	0.2	60.4219	120.8438	0.8866
25	13	1	1.0	-120.619	-0.334i	120.620	-179.8	68.0459	136.0918	0.8313
27	13	1	0.3	-66.858	-0.192i	66.859	-179.8	80.4999	160.9998	0.7818
13	15	1	0.7	-103.020	-0.243i	103.020	-179.9	40.8260	81.6520	1.1794
17	15	1	0.0	-0.793	-0.002i	0.793	-179.9	48.2876	96.5752	1.0329
19	15	1	0.9	114.163	0.294i	114.164	0.1	52.8417	105.6834	0.9675
21	15	1	1.1	126.231	0.335i	126.232	0.2	58.1621	116.3241	0.9076
23	15	1	0.5	-81.068	-0.221i	81.068	-179.8	64.6688	129.3376	0.8531
25	15	1	1.4	-140.873	-0.397i	140.874	-179.8	73.6569	147.3138	0.8035
19	17	1	0.9	-116.525	-0.307i	116.526	-179.8	57.0655	114.1309	0.9187
21	17	1	0.1	-27.375	-0.074i	27.375	-179.8	62.7939	125.5878	0.8670
23	17	1	2.2	-177.347	-0.495i	177.348	-179.8	70.2845	140.5690	0.8191
21	19	1	0.7	-99.315	-0.276i	99.315	-179.8	68.7707	137.5413	0.8272
23	19	1	0.0	2.339	0.007i	2.339	0.2	79.0783	158.1566	0.7853
2	2	2	6.8	311.643	37.189i	313.854	6.8	6.5431	13.0861	6.7665
4	2	2	0.4	-68.661	-21.345i	71.903	-162.7	9.2736	18.5472	4.7847
6	2	2	12.3	420.125	17.383i	420.485	2.4	12.6032	25.2063	3.5337
8	2	2	8.9	-355.158	-38.353i	357.223	-173.8	16.2076	32.4152	2.7624
10	2	2	1.9	167.332	9.112i	167.580	3.1	19.9896	39.9792	2.2555
12	2	2	16.7	-488.918	-31.982i	489.963	-176.3	23.9256	47.8512	1.9012
14	2	2	5.8	288.464	23.877i	289.450	4.7	28.0231	56.0461	1.6411
16	2	2	0.0	3.722	-11.897i	12.465	-72.6	32.3081	64.6162	1.4426
18	2	2	34.7	706.433	35.736i	707.336	2.9	36.8245	73.6489	1.2864
20	2	2	1.1	-126.619	-9.407i	126.968	-175.8	41.6390	83.2781	1.1605
22	2	2	3.9	234.992	23.776i	236.191	5.8	46.8557	93.7115	1.0568
24	2	2	6.0	-293.687	-23.362i	294.615	-175.5	52.6487	105.2974	0.9700
26	2	2	0.0	17.098	7.784i	18.787	24.5	59.3505	118.7009	0.8963
28	2	2	8.4	-345.990	-28.190i	347.136	-175.3	67.7790	135.5580	0.8329
4	4	2	8.4	348.373	6.231i	348.429	1.0	11.3830	22.7660	3.9067
6	4	2	0.0	1.968	-1.700i	2.601	-40.8	14.2504	28.5007	3.1323
8	4	2	0.4	74.523	22.881i	77.956	17.1	17.5467	35.0934	2.5575
10	4	2	0.6	89.420	5.915i	89.615	3.8	21.1211	42.2422	2.1398
12	4	2	1.9	165.521	16.993i	166.391	5.9	24.9138	49.8276	1.8304
14	4	2	3.4	-219.866	-9.743i	220.082	-177.5	28.9108	57.8216	1.5949
16	4	2	0.1	-27.943	-1.686i	27.993	-176.5	33.1261	66.2522	1.4109
18	4	2	1.7	-157.267	-21.283i	158.700	-172.3	37.5968	75.1936	1.2638
20	4	2	0.0	-4.307	-3.500i	5.550	-140.9	42.3871	84.7741	1.1438
22	4	2	0.3	-69.289	-11.191i	70.187	-170.8	47.6020	95.2040	1.0441
24	4	2	0.6	93.489	11.203i	94.158	6.8	53.4229	106.8459	0.9601
26	4	2	0.0	-25.690	3.205i	25.889	172.9	60.2057	120.4115	0.8885
28	4	2	3.1	211.154	17.255i	211.858	4.7	68.8627	137.7253	0.8267
6	6	2	2.2	-176.774	-2.599i	176.793	-179.2	16.6645	33.3290	2.6888
8	6	2	21.9	-561.552	-19.389i	561.887	-178.0	19.6004	39.2009	2.2985
10	6	2	1.8	-161.717	-9.894i	162.019	-176.5	22.9055	45.8110	1.9810
12	6	2	6.1	-296.417	-13.259i	296.714	-177.4	26.5003	53.0005	1.7280
14	6	2	0.4	-73.548	5.343i	73.741	175.8	30.3535	60.7071	1.5258
16	6	2	2.0	170.676	5.596i	170.768	1.9	34.4674	68.9349	1.3624
18	6	2	0.9	110.492	17.482i	111.866	9.0	38.8723	77.7445	1.2286
20	6	2	0.1	45.805	6.934i	46.326	8.6	43.6301	87.2602	1.1175
22	6	2	0.2	57.067	7.822i	57.600	7.8	48.8499	97.6998	1.0240
24	6	2	1.0	-118.362	-8.072i	118.637	-176.1	54.7279	109.4558	0.9444
26	6	2	0.7	-103.575	-6.465i	103.777	-176.4	61.6660	123.3319	0.8760
28	6	2	0.4	-75.110	-13.924i	76.390	-169.5	70.7777	141.5555	0.8166
8	8	2	28.1	635.168	39.880i	636.419	3.6	22.2054	44.4109	2.0402
10	8	2	1.4	-139.781	-10.951i	140.210	-175.5	25.2368	50.4737	1.8084
12	8	2	5.2	270.801	32.792i	272.779	6.9	28.6169	57.2338	1.6099
14	8	2	0.9	-112.106	-24.881i	114.833	-167.5	32.3081	64.6162	1.4426
16	8	2	4.7	260.387	14.099i	260.768	3.1	36.3062	72.6124	1.3022
18	8	2	25.2	-601.948	-36.465i	603.051	-176.5	40.6379	81.2759	1.1839
20	8	2	0.5	86.236	10.881i	86.920	7.2	45.3665	90.7331	1.0835
22	8	2	4.7	-257.812	-24.934i	259.015	-174.5	50.6100	101.2201	0.9977
24	8	2	3.9	236.772	24.254i	238.011	5.8	56.5917	113.1833	0.9237
26	8	2	0.7	-103.410	-9.393i	103.836	-174.8	63.7978	127.5955	0.8594
28	8	2	4.5	251.812	28.672i	253.439	6.5	73.7721	147.5441	0.8030
10	10	2	0.8	-109.105	-16.623i	110.364	-171.3	28.0231	56.0461	1.6411

12	10	2	0.0	-8.782	-5.374i	10.296	-148.5	31.1997	62.3994	1.4884
14	10	2	0.7	101.475	-1.225i	101.482	-0.7	34.7327	69.4654	1.3533
16	10	2	1.4	143.095	11.964i	143.594	4.8	38.6182	77.2365	1.2354
18	10	2	1.4	139.976	10.674i	140.383	4.4	42.8847	85.7695	1.1330
20	10	2	1.1	123.046	13.049i	123.736	6.1	47.6020	95.2040	1.0441
22	10	2	0.2	48.059	1.685i	48.089	2.0	52.9061	105.8122	0.9666
24	10	2	0.1	-29.253	-1.978i	29.319	-176.1	59.0685	118.1370	0.8989
26	10	2	1.2	-129.249	-11.710i	129.778	-174.8	66.7356	133.4712	0.8393
28	10	2	0.1	-41.013	-8.326i	41.850	-168.5	78.5888	157.1777	0.7866
12	12	2	13.9	446.847	27.160i	447.671	3.5	34.2012	68.4024	1.3717
14	12	2	5.8	-288.495	-19.658i	289.164	-176.1	37.5968	75.1936	1.2638
16	12	2	0.2	53.102	8.567i	53.788	9.2	41.3892	82.7784	1.1662
18	12	2	5.2	-272.973	-29.973i	274.613	-173.7	45.6146	91.2291	1.0789
20	12	2	0.1	-36.536	5.922i	37.013	170.8	50.3574	100.7149	1.0013
22	12	2	6.0	-292.248	-20.040i	292.935	-176.1	55.7871	111.5742	0.9324
24	12	2	2.4	183.483	19.326i	184.498	6.0	62.2637	124.5275	0.8711
26	12	2	0.0	-4.611	-5.062i	6.848	-132.3	70.7777	141.5555	0.8166
14	14	2	0.6	90.989	12.378i	91.827	7.7	40.8887	81.7773	1.1779
16	14	2	0.0	-8.428	-2.072i	8.679	-166.2	44.6226	89.2451	1.0977
18	14	2	3.9	234.444	23.182i	235.588	5.6	48.8499	97.6998	1.0240
20	14	2	0.5	-81.711	-0.315i	81.712	-179.8	53.6824	107.3648	0.9569
22	14	2	0.1	33.235	13.352i	35.817	21.9	59.3505	118.7009	0.8963
24	14	2	0.1	25.298	-13.002i	28.443	-27.2	66.3958	132.7916	0.8414
26	14	2	0.2	59.736	0.057i	59.736	0.1	76.8020	153.6040	0.7920
16	16	2	1.2	-129.672	-7.812i	129.907	-176.6	48.3500	96.7000	1.0319
18	16	2	0.3	-68.321	-12.948i	69.538	-169.3	52.6487	105.2974	0.9700
20	16	2	0.1	-30.762	-8.819i	32.001	-164.0	57.6798	115.3597	0.9124
22	16	2	0.0	-18.300	-4.447i	18.832	-166.3	63.7978	127.5955	0.8594
24	16	2	1.0	122.764	4.927i	122.863	2.3	72.0079	144.0158	0.8107
18	18	2	6.7	307.947	32.533i	309.661	6.0	57.1334	114.2668	0.9180
20	18	2	1.2	-130.439	-10.561i	130.866	-175.4	62.5658	125.1317	0.8687
22	18	2	3.5	222.503	22.786i	223.667	5.8	69.6108	139.2216	0.8226
24	18	2	0.7	-94.408	-21.830i	96.899	-167.0	81.5032	163.0064	0.7796
20	20	2	0.4	-72.374	-9.985i	73.059	-172.1	68.8627	137.7253	0.8267
22	20	2	0.3	-60.742	-2.700i	60.802	-177.5	78.5888	157.1777	0.7866
7	5	3	6.5	-305.744	-0.422i	305.744	-179.9	17.4385	34.8771	2.5729
9	5	3	0.0	-16.390	-0.026i	16.390	-179.9	20.6558	41.3117	2.1858
11	5	3	0.3	-65.453	-0.115i	65.454	-179.9	24.1755	48.3510	1.8827
13	5	3	0.6	-89.548	-0.173i	89.548	-179.9	27.9482	55.8965	1.6452
15	5	3	2.6	195.022	0.410i	195.022	0.1	31.9640	63.9280	1.4565
17	5	3	0.0	8.322	0.019i	8.322	0.1	36.2412	72.4824	1.3042
19	5	3	0.0	7.836	0.018i	7.836	0.1	40.8260	81.6520	1.1794
21	5	3	0.2	59.514	0.146i	59.514	0.1	45.8006	91.6012	1.0755
23	5	3	1.4	-141.810	-0.362i	141.811	-179.9	51.3070	102.6141	0.9879
25	5	3	0.0	-0.794	-0.002i	0.794	-179.8	57.6113	115.2226	0.9131
27	5	3	0.2	56.382	0.154i	56.382	0.2	65.3161	130.6322	0.8486
29	5	3	0.7	-97.610	-0.277i	97.611	-179.8	76.6632	153.3265	0.7924
9	7	3	0.0	0.528	0.001i	0.528	0.1	22.8189	45.6378	1.9882
11	7	3	1.4	139.672	0.258i	139.672	0.1	26.1101	52.2202	1.7520
13	7	3	0.1	-42.604	-0.086i	42.604	-179.9	29.7096	59.4193	1.5558
15	7	3	0.5	-83.656	-0.181i	83.657	-179.9	33.5985	67.1971	1.3934
17	7	3	2.1	174.710	0.399i	174.710	0.1	37.7890	75.5781	1.2583
19	7	3	0.2	56.988	0.136i	56.989	0.1	42.3248	84.6496	1.1451
21	7	3	0.1	38.209	0.095i	38.209	0.1	47.2909	94.5817	1.0493
23	7	3	0.2	54.136	0.139i	54.137	0.1	52.8417	105.6834	0.9675
25	7	3	0.3	-61.946	-0.165i	61.946	-179.8	59.2798	118.5597	0.8969
27	7	3	0.5	82.446	0.228i	82.447	0.2	67.3397	134.6794	0.8355
29	7	3	0.1	-40.316	-0.116i	40.316	-179.8	80.4999	160.9998	0.7818
11	9	3	0.2	50.006	0.098i	50.006	0.1	28.5431	57.0862	1.6137
13	9	3	0.9	-111.952	-0.235i	111.952	-179.9	31.9640	63.9280	1.4565
15	9	3	2.9	205.152	0.457i	205.152	0.1	35.7196	71.4392	1.3207
17	9	3	1.1	127.795	0.298i	127.796	0.1	39.8207	79.6413	1.2040
19	9	3	0.0	24.979	0.061i	24.980	0.1	44.3125	88.6250	1.1037
21	9	3	0.0	14.059	0.035i	14.059	0.1	49.2883	98.5766	1.0172
23	9	3	0.1	34.412	0.090i	34.412	0.1	54.9254	109.8508	0.9421
25	9	3	0.0	-9.983	-0.027i	9.983	-179.8	61.5918	123.1837	0.8766
27	9	3	0.1	27.230	0.076i	27.230	0.2	70.2845	140.5690	0.8191
13	11	3	6.6	-308.406	-0.676i	308.407	-179.9	34.6665	69.3329	1.3556
15	11	3	1.3	134.484	0.309i	134.485	0.1	38.3000	76.6000	1.2441
17	11	3	0.9	115.285	0.276i	115.285	0.1	42.3248	84.6496	1.1451
19	11	3	0.0	13.244	0.033i	13.244	0.1	46.7936	93.5872	1.0578
21	11	3	0.0	13.103	0.034i	13.103	0.1	51.8163	103.6326	0.9809
23	11	3	1.2	-132.805	-0.351i	132.806	-179.8	57.6113	115.2226	0.9131
25	11	3	0.0	-5.350	-0.015i	5.350	-179.8	64.6688	129.3376	0.8531
27	11	3	0.0	-2.088	-0.006i	2.088	-179.8	74.5996	149.1993	0.7998
15	13	3	0.0	23.155	0.055i	23.156	0.1	41.3267	82.6534	1.1676
17	13	3	0.1	46.364	0.114i	46.364	0.1	45.3045	90.6091	1.0847
19	13	3	0.0	-1.318	-0.003i	1.318	-179.9	49.7906	99.5812	1.0096
21	13	3	0.0	1.525	0.004i	1.525	0.1	54.9254	109.8508	0.9421
23	13	3	1.2	130.629	0.351i	130.630	0.2	61.0031	122.0063	0.8816
25	13	3	0.0	14.177	0.039i	14.177	0.2	68.7707	137.5413	0.8272
17	15	3	0.0	-26.521	-0.067i	26.521	-179.9	48.7874	97.5747	1.0250
19	15	3	0.0	-14.228	-0.037i	14.228	-179.9	53.3582	106.7163	0.9609
21	15	3	0.5	-83.232	-0.221i	83.232	-179.8	58.7181	117.4362	0.9022
23	15	3	0.0	21.198	0.058i	21.198	0.2	65.3161	130.6322	0.8486
25	15	3	1.7	-158.123	-0.447i	158.124	-179.8	74.5996	149.1993	0.7998
19	17	3	0.8	-105.013	-0.278i	105.014	-179.8	57.6113	115.2226	0.9131
21	17	3	0.1	35.874	0.097i	35.874	0.2	63.4086	126.8171	0.8623
23	17	3	0.0	-14.023	-0.039i	14.023	-179.8	71.0789	142.1577	0.8151
4	4	4	4.4	251.252	9.630i	251.437	2.2	13.1734	26.3469	3.3833
6	4	4	3.6	-227.351	-13.593i	227.757	-176.6	15.7389	31.4779	2.8425
8	4	4	11.6	-408.401	-8.461i	408.489	-178.8	18.8020	37.6040	2.3923
10	4	4	11.8	-411.371	-20.895i	411.902	-177.1	22.2054	44.4109	2.0402
12	4	4	0.1	-26.978	-2.490i	27.092	-174.7	25.8740	51.7481	1.7669
14	4	4	0.4	-78.088	-4.690i	78.229	-176.6	29.7816	59.5632	1.5524
16	4	4	0.0	-8.217	14.978i	17.084	118.7	33.9340	67.8680	1.3812
18	4	4	0.2	59.163	7.997i	59.701	7.7	38.3637	76.7274	1.2423
20	4	4	5.4	278.147	16.609i	278.642	3.4	43.1333	86.2667	1.1278
22	4	4	0.0	-23.157	-1.075i	23.182	-177.3	48.3500	96.7000	1.0319
24	4	4	0.2	-55.303	0.406i	55.305	179.6	54.2036	108.4071	0.9506
26	4	4	1.1	-123.742	-14.491i	124.587	-173.3	61.0763	122.1526	0.8809
28	4	4	0.3	-66.155	-6.412i	66.464	-174.5	69.9935	139.9869	0.8206
6	6	4	24.7	596.656	18.015i	596.928	1.7	17.9735	35.9470	2.4987
8	6	4	0.1	-30.012	3.776i	30.248	172.8	20.7496	41.4992	2.1763
10	6	4	17.9	507.624	24.774i	508.228	2.8	23.9256	47.8512	1.9012
12	6	4	0.4	78.309	-1.233i	78.318	-0.9	27.4208	54.8416	1.6743
14	6	4	2.1	175.318	8.551i	175.526	2.8	31.1997	62.3994	1.4884
16	6	4	0.3	-66.667	-18.588i	69.210	-164.4	35.2605	70.5211	1.3356
18	6	4	0.0	23.579	-4.256i	23.960	-10.2	39.6315	79.2629	1.2088
20	6	4	1.3	-136.776	-19.465i	138.154	-171.9	44.3745	88.7491	1.1025
22	6	4	0.4	76.323	4.413i	76.450	3.3	49.6021	99.2041	1.0125
24	6	4	0.0	-7.335	-3.637i	8.187	-153.6	55.5209	111.0418	0.9354
26	6	4	0.8	106.761	17.237i	108.143	9.2	62.5658	125.1317	0.8687
28	6	4	0.1	32.737	3.481i	32.922	6.1	72.0079	144.0158	0.8107

8	8	4	10.0	-378.605	-24.845i	379.419	-176.2	23.2494	46.4987	1.9533
10	8	4	0.2	-51.578	-3.588i	51.702	-176.0	26.1885	52.3770	1.7471
12	8	4	0.3	-60.257	-18.373i	62.996	-163.0	29.4931	58.9862	1.5662
14	8	4	15.2	467.214	12.039i	467.369	1.5	33.1261	66.2522	1.4109
16	8	4	1.8	161.887	-0.001i	161.887	-0.0	37.0826	74.1651	1.2788
18	8	4	3.6	225.791	22.738i	226.933	5.8	41.3892	82.7784	1.1662
20	8	4	0.1	30.339	1.650i	30.383	3.1	46.1108	92.2215	1.0699
22	8	4	0.0	-3.421	12.434i	12.896	105.4	51.3706	102.7412	0.9870
24	8	4	7.3	-323.498	-13.165i	323.766	-177.7	57.4060	114.8121	0.9152
26	8	4	0.9	-116.568	-1.912i	116.584	-179.1	64.7490	129.4981	0.8525
28	8	4	4.4	-251.148	-18.404i	251.822	-175.8	75.2162	150.4324	0.7974
10	10	4	8.4	345.594	30.865i	346.969	5.1	28.9108	57.8216	1.5949
12	10	4	5.2	-272.544	-8.817i	272.687	-178.1	32.0330	64.0659	1.4537
14	10	4	2.0	167.372	15.034i	168.046	5.1	35.5232	71.0463	1.3270
16	10	4	11.8	-412.279	-25.365i	413.059	-176.5	39.3789	78.7577	1.2153
18	10	4	0.0	5.889	2.158i	6.272	20.1	43.6301	87.2602	1.1175
20	10	4	4.2	-244.689	-25.252i	245.989	-174.1	48.3500	96.7000	1.0319
22	10	4	1.2	130.312	10.277i	130.716	4.5	53.6824	107.3648	0.9569
24	10	4	0.6	-92.075	-9.346i	92.548	-174.2	59.9190	119.8381	0.8911
26	10	4	3.8	232.196	22.397i	233.274	5.5	67.7790	135.5580	0.8329
28	10	4	0.1	-37.650	-1.876i	37.696	-177.1	80.6922	161.3844	0.7813
12	12	4	14.1	-450.466	-13.750i	450.676	-178.3	34.9971	69.9941	1.3444
14	12	4	0.2	-57.502	5.817i	57.795	174.2	38.3637	76.7274	1.2423
16	12	4	0.4	-79.636	3.985i	79.735	177.1	42.1379	84.2759	1.1492
18	12	4	2.3	180.834	17.420i	181.672	5.5	46.3590	92.7180	1.0655
20	12	4	0.3	66.656	5.908i	66.918	5.1	51.1166	102.2332	0.9905
22	12	4	2.2	178.002	8.382i	178.199	2.7	56.5917	113.1833	0.9237
24	12	4	0.8	-110.044	-8.263i	110.354	-175.7	63.1769	126.3539	0.8640
26	12	4	0.1	41.845	-5.106i	42.156	-7.0	72.0079	144.0158	0.8107
14	14	4	0.0	18.653	0.569i	18.662	1.7	41.6390	83.2781	1.1605
16	14	4	0.5	-82.963	-10.417i	83.615	-172.8	45.3665	90.7331	1.0835
18	14	4	0.0	-7.411	-10.626i	12.955	-124.9	49.6021	99.2041	1.0125
20	14	4	0.4	-75.430	-11.517i	76.304	-171.3	54.4653	108.9306	0.9475
22	14	4	0.0	0.212	-2.218i	2.229	-84.5	60.2057	120.4115	0.8885
24	14	4	0.0	13.357	2.546i	13.598	10.8	67.4270	134.8540	0.8350
26	14	4	0.4	71.620	10.304i	72.357	8.2	78.5888	157.1777	0.7866
16	16	4	0.8	104.700	19.608i	106.520	10.6	49.1003	98.2006	1.0201
18	16	4	0.2	54.770	1.325i	54.786	1.4	53.4229	106.8459	0.9601
20	16	4	2.2	177.522	20.255i	178.674	6.5	58.5089	117.0179	0.9042
22	16	4	0.0	-12.034	-6.313i	13.589	-152.3	64.7490	129.4981	0.8525
24	16	4	0.0	-24.561	5.560i	25.183	167.2	73.3157	146.6313	0.8049
18	18	4	2.3	-180.887	-20.876i	182.088	-173.4	57.9549	115.9098	0.9096
20	18	4	0.0	5.345	-0.572i	5.375	-6.1	63.4861	126.9722	0.8617
22	18	4	0.1	-44.356	-11.857i	45.914	-165.0	70.7777	141.5555	0.8166
20	20	4	7.8	334.693	21.005i	335.351	3.6	69.9935	139.9869	0.8206
22	20	4	0.6	-91.266	-7.679i	91.588	-175.2	80.6922	161.3844	0.7813
9	7	5	0.0	-18.077	-0.032i	18.077	-179.9	24.1755	48.3510	1.8827
11	7	5	1.5	148.052	0.282i	148.053	0.1	27.3449	54.6898	1.6786
13	7	5	3.3	216.957	0.446i	216.958	0.1	30.8488	61.6975	1.5037
15	7	5	6.1	296.632	0.651i	296.633	0.1	34.6665	69.3329	1.3556
17	7	5	0.5	80.880	0.187i	80.880	0.1	38.8088	77.6176	1.2303
19	7	5	0.1	46.442	0.112i	46.442	0.1	43.3197	86.6394	1.1239
21	7	5	0.0	-22.971	-0.057i	22.971	-179.9	48.2876	96.5752	1.0329
23	7	5	0.9	-115.273	-0.299i	115.274	-179.9	53.8775	107.7549	0.9546
25	7	5	1.0	-122.960	-0.330i	122.960	-179.8	60.4219	120.8438	0.8866
27	7	5	0.1	-37.544	-0.104i	37.544	-179.8	68.7707	137.5413	0.8272
13	11	5	0.1	-29.609	-0.066i	29.609	-179.9	35.7196	71.4392	1.3207
15	11	5	0.8	-104.883	-0.244i	104.884	-179.9	39.3156	78.6313	1.2169
17	11	5	0.4	74.737	0.180i	74.737	0.1	43.3197	86.6394	1.1239
19	11	5	0.8	-107.189	-0.267i	107.189	-179.9	47.7888	95.5776	1.0410
21	11	5	0.3	-61.956	-0.160i	61.956	-179.9	52.8417	105.6834	0.9675
23	11	5	0.1	33.140	0.088i	33.140	0.2	58.7181	117.4362	0.9022
25	11	5	0.0	7.392	0.020i	7.392	0.2	65.9762	131.9524	0.8442
27	11	5	0.2	-48.739	-0.139i	48.739	-179.8	76.6632	153.3265	0.7924
15	13	5	0.2	-52.094	-0.125i	52.094	-179.9	42.3248	84.6496	1.1451
17	13	5	0.2	52.158	0.129i	52.158	0.1	46.2969	92.5938	1.0666
19	13	5	0.0	-8.091	-0.021i	8.091	-179.9	50.7998	101.5995	0.9950
21	13	5	0.8	-109.170	-0.286i	109.171	-179.8	55.9874	111.9747	0.9302
23	13	5	0.0	-15.094	-0.041i	15.094	-179.8	62.1886	124.3771	0.8717
25	13	5	0.9	-111.479	-0.311i	111.479	-179.8	70.2845	140.5690	0.8191
17	15	5	0.9	114.777	0.290i	114.777	0.1	49.7906	99.5812	1.0096
19	15	5	0.1	-36.013	-0.094i	36.013	-179.9	54.3998	108.7996	0.9483
21	15	5	0.4	-78.651	-0.210i	78.651	-179.8	59.8476	119.6952	0.8917
23	15	5	0.0	-3.188	-0.009i	3.188	-179.8	66.6503	133.3006	0.8398
25	15	5	0.1	-31.170	-0.089i	31.170	-179.8	76.6632	153.3265	0.7924
19	17	5	1.9	-163.722	-0.435i	163.723	-179.8	58.7181	117.4362	0.9022
21	17	5	0.0	16.389	0.045i	16.389	0.2	64.6688	129.3376	0.8531
23	17	5	0.7	100.585	0.283i	100.585	0.2	72.7602	145.5204	0.8073
21	19	5	0.7	-100.057	-0.280i	100.058	-179.8	71.0789	142.1577	0.8151
6	6	6	0.6	-90.957	-21.104i	93.373	-166.9	19.9896	39.9792	2.2555
8	6	6	0.4	80.123	0.269i	80.123	0.2	22.5576	45.1152	2.0100
10	6	6	19.4	-527.425	-28.452i	528.192	-176.9	25.5569	51.1137	1.7873
12	6	6	1.3	138.996	5.403i	139.101	2.2	28.9108	57.8216	1.5949
14	6	6	16.4	-486.178	-12.802i	486.346	-178.5	32.5820	65.1639	1.4318
16	6	6	2.2	175.998	22.213i	177.394	7.2	36.5657	73.1314	1.2943
18	6	6	0.9	112.351	1.094i	112.357	0.6	40.8887	81.7773	1.1779
20	6	6	4.6	256.457	22.893i	257.477	5.1	45.6146	91.2291	1.0789
22	6	6	0.2	58.261	-7.214i	58.706	-7.1	50.8631	101.7262	0.9941
24	6	6	2.5	189.330	7.125i	189.464	2.2	56.8620	113.7240	0.9208
26	6	6	3.7	-231.413	-20.313i	232.303	-175.0	64.1121	128.2241	0.8571
28	6	6	0.0	-7.939	-0.629i	7.964	-175.5	74.2402	148.4804	0.8012
8	8	6	5.6	282.944	20.596i	283.693	4.2	24.9138	49.8276	1.8304
10	8	6	0.4	-74.721	7.103i	75.058	174.6	27.7230	55.4461	1.6575
12	8	6	5.5	281.508	14.943i	281.904	3.0	30.9191	61.8383	1.5006
14	8	6	1.0	-118.881	-7.577i	119.122	-176.4	34.4674	68.9349	1.3624
16	8	6	4.1	-242.970	-3.703i	242.998	-179.1	38.3637	76.7274	1.2423
18	8	6	4.5	-254.644	-19.204i	255.367	-175.7	42.6360	85.2720	1.1383
20	8	6	0.0	-4.357	-4.841i	6.513	-132.0	47.3531	94.7061	1.0483
22	8	6	1.6	-153.499	-9.578i	153.797	-176.4	52.6487	105.2974	0.9700
24	8	6	0.5	82.395	9.409i	82.931	6.5	58.7880	117.5760	0.9015
26	8	6	0.0	-4.520	4.425i	6.325	135.6	66.3958	132.7916	0.8414
28	8	6	0.2	47.826	14.945i	50.106	17.4	77.9656	155.9311	0.7884
10	10	6	11.7	-409.439	-34.437i	410.885	-175.2	30.3535	60.7071	1.5258
12	10	6	3.7	230.487	12.300i	230.815	3.1	33.3965	66.7930	1.4008
14	10	6	3.6	-227.758	-18.583i	228.515	-175.3	36.8245	73.6489	1.2864
16	10	6	8.3	345.405	28.430i	346.573	4.7	40.6379	81.2759	1.1839
18	10	6	0.0	4.151	-5.448i	6.849	-52.7	44.8706	89.7411	1.0929
20	10	6	2.0	168.167	28.039i	170.489	9.5	49.6021	99.2041	1.0125
22	10	6	0.5	-84.626	-13.150i	85.641	-171.2	54.9913	109.9827	0.9414
24	10	6	1.1	125.295	12.299i	125.897	5.6	61.3702	122.7403	0.8785
26	10	6	4.3	-246.215	-25.039i	247.485	-174.2	69.6108	139.2216	0.8226
12	12	6	3.8	234.672	9.595i	234.868	2.3	36.3062	72.6124	1.3022
14	12	6	0.0	-5.554	-2.430i	6.062	-156.4	39.6315	79.2629	1.2088
16	12	6	0.4	-75.460	-7.691i	75.851	-174.2	43.3818	86.7636	1.1226

18	12	6	0.9	-113.329	-13.827i	114.169	-173.0	47.6020	95.2040	1.0441
20	12	6	0.3	-64.682	-8.994i	65.304	-172.1	52.3919	104.7838	0.9733
22	12	6	0.4	79.286	-4.608i	79.419	-3.3	57.9549	115.9098	0.9096
24	12	6	0.0	-6.616	4.982i	8.282	143.0	64.7490	129.4981	0.8525
26	12	6	0.4	71.255	8.125i	71.716	6.5	74.2402	148.4804	0.8012
14	14	6	0.1	-40.811	-4.005i	41.007	-174.4	42.8847	85.7695	1.1330
16	14	6	2.1	171.661	13.829i	172.217	4.6	46.6073	93.2146	1.0611
18	14	6	0.0	-14.363	7.285i	16.105	153.1	50.8631	101.7262	0.9941
20	14	6	0.0	19.563	14.330i	24.250	36.2	55.7871	111.5742	0.9324
22	14	6	0.0	-22.798	-0.808i	22.813	-178.0	61.6660	123.3319	0.8760
24	14	6	0.7	-99.727	0.053i	99.727	180.0	69.2340	138.4680	0.8246
16	16	6	1.4	-140.629	-22.710i	142.451	-170.8	50.3574	100.7149	1.0013
18	16	6	0.8	-104.604	1.647i	104.617	179.1	54.7279	109.4558	0.9444
20	16	6	4.7	-258.881	-23.263i	259.924	-174.9	59.9190	119.8381	0.8911
22	16	6	2.5	190.431	9.603i	190.673	2.9	66.3958	132.7916	0.8414
24	16	6	0.0	-3.515	-8.318i	9.031	-112.9	75.7268	151.4536	0.7956
18	18	6	0.0	0.397	17.210i	17.214	88.7	59.3505	118.7009	0.8963
20	18	6	0.3	66.850	3.646i	66.949	3.1	65.0719	130.1438	0.8503
22	18	6	2.5	190.447	9.388i	190.679	2.8	72.8700	145.7401	0.8068
20	20	6	3.4	-220.905	-23.274i	222.128	-174.0	72.0079	144.0158	0.8107
11	9	7	0.0	-13.627	-0.028i	13.627	-179.9	31.4092	62.8183	1.4795
13	9	7	3.6	229.104	0.502i	229.105	0.1	34.6665	69.3329	1.3556
15	9	7	0.4	-75.583	-0.174i	75.583	-179.9	38.3000	76.6000	1.2441
17	9	7	0.0	8.771	0.021i	8.772	0.1	42.3248	84.6496	1.1451
19	9	7	0.2	-47.122	-0.117i	47.122	-179.9	46.7936	93.5872	1.0578
21	9	7	0.0	-17.143	-0.044i	17.144	-179.9	51.8163	103.6326	0.9809
23	9	7	0.1	37.545	0.099i	37.545	0.2	57.6113	115.2226	0.9131
25	9	7	0.2	48.894	0.134i	48.894	0.2	64.6688	129.3376	0.8531
27	9	7	0.0	-14.264	-0.040i	14.264	-179.8	74.5996	149.1993	0.7998
13	11	7	6.1	297.210	0.675i	297.211	0.1	37.2757	74.5514	1.2731
15	11	7	0.1	-42.679	-0.101i	42.680	-179.9	40.8260	81.6520	1.1794
17	11	7	0.8	104.958	0.256i	104.959	0.1	44.8086	89.6171	1.0941
19	11	7	0.4	75.892	0.191i	75.892	0.1	49.2883	98.5766	1.0172
21	11	7	0.7	98.381	0.256i	98.381	0.1	54.3998	108.7996	0.9483
23	11	7	0.1	-37.896	-0.102i	37.896	-179.8	60.4219	120.8438	0.8866
25	11	7	0.3	-63.362	-0.175i	63.363	-179.8	68.0459	136.0918	0.8313
27	11	7	0.0	-6.879	-0.020i	6.880	-179.8	80.4999	160.9998	0.7818
15	13	7	0.0	-16.025	-0.039i	16.025	-179.9	43.8163	87.6326	1.1137
17	13	7	0.1	-36.480	-0.091i	36.480	-179.9	47.7888	95.5776	1.0410
19	13	7	0.4	78.156	0.201i	78.156	0.1	52.3278	104.6556	0.9741
21	13	7	3.0	206.866	0.547i	206.867	0.2	57.6113	115.2226	0.9131
23	13	7	1.6	-153.178	-0.417i	153.178	-179.8	64.0332	128.0665	0.8576
25	13	7	2.7	-197.776	-0.556i	197.777	-179.8	72.7602	145.5204	0.8073
17	15	7	0.0	-10.818	-0.028i	10.818	-179.9	51.3070	102.6141	0.9879
19	15	7	0.0	-23.388	-0.061i	23.388	-179.8	55.9874	111.9747	0.9302
21	15	7	2.0	171.741	0.463i	171.742	0.2	61.5918	123.1837	0.8766
23	15	7	0.0	5.271	0.015i	5.271	0.2	68.7707	137.5413	0.8272
25	15	7	0.0	3.393	0.010i	3.393	0.2	80.4999	160.9998	0.7818
19	17	7	0.0	-13.057	-0.035i	13.057	-179.8	60.4219	120.8438	0.8866
21	17	7	2.3	183.759	0.506i	183.760	0.2	66.6503	133.3006	0.8398
23	17	7	0.0	-13.393	-0.038i	13.393	-179.8	75.5976	151.1952	0.7961
21	19	7	0.4	74.518	0.210i	74.518	0.2	73.6569	147.3138	0.8035
8	8	8	1.9	-159.214	-40.041i	164.172	-165.9	27.1164	54.2327	1.6916
10	8	8	0.2	-57.754	12.314i	59.052	168.0	29.7816	59.5632	1.5524
12	8	8	2.2	-175.933	-33.690i	179.130	-169.2	32.8546	65.7092	1.4213
14	8	8	32.2	680.808	27.410i	681.359	2.3	36.3062	72.6124	1.3022
16	8	8	10.3	-385.206	-15.927i	385.535	-177.6	40.1355	80.2709	1.1962
18	8	8	11.2	400.774	36.853i	402.465	5.3	44.3745	88.7491	1.1025
20	8	8	0.0	12.070	-12.105i	17.094	-45.1	49.1003	98.2006	1.0201
22	8	8	4.4	250.948	25.934i	252.285	5.9	54.4653	108.9306	0.9475
24	8	8	5.2	-271.291	-25.307i	272.469	-174.7	60.7843	121.5686	0.8834
26	8	8	2.3	181.970	10.904i	182.296	3.4	68.8627	137.7253	0.8267
10	10	8	2.9	202.870	14.338i	203.376	4.0	32.3081	64.6162	1.4426
12	10	8	5.0	269.085	7.767i	269.197	1.7	35.2605	70.5211	1.3356
14	10	8	2.1	172.118	-0.120i	172.118	-0.0	38.6182	77.2365	1.2354
16	10	8	0.3	-60.878	-9.577i	61.627	-171.1	42.3871	84.7741	1.1438
18	10	8	0.3	-59.022	-11.994i	60.229	-168.5	46.6073	93.2146	1.0611
20	10	8	1.8	-159.034	-11.040i	159.417	-176.0	51.3706	102.7412	0.9870
22	10	8	2.6	-194.115	-3.699i	194.151	-178.9	56.8620	113.7240	0.9208
24	10	8	0.0	-18.816	3.393i	19.120	169.8	63.4861	126.9722	0.8617
26	10	8	0.6	95.001	9.771i	95.503	5.9	72.4344	144.8687	0.8088
12	12	8	5.3	-275.921	-27.989i	277.337	-174.2	38.1087	76.2173	1.2494
14	12	8	6.6	306.841	21.062i	307.563	3.9	41.3892	82.7784	1.1662
16	12	8	0.2	-54.830	-10.161i	55.764	-169.5	45.1185	90.2371	1.0882
18	12	8	5.9	290.760	30.962i	292.404	6.1	49.3510	98.7020	1.0163
20	12	8	0.9	113.017	-7.253i	113.250	-3.7	54.2036	108.4071	0.9506
22	12	8	3.8	233.536	20.981i	234.476	5.1	59.9190	119.8381	0.8911
24	12	8	3.2	-213.685	-20.442i	214.661	-174.5	67.0793	134.1586	0.8371
26	12	8	0.6	89.177	6.648i	89.425	4.3	77.9656	155.9311	0.7884
14	14	8	0.1	-40.672	-13.747i	42.933	-161.3	44.6226	89.2451	1.0977
16	14	8	0.2	47.312	3.894i	47.472	4.7	48.3500	96.7000	1.0319
18	14	8	1.3	-135.971	-24.018i	138.076	-170.0	52.6487	105.2974	0.9700
20	14	8	1.3	138.934	2.131i	138.950	0.9	57.6798	115.3597	0.9124
22	14	8	0.0	-19.780	-14.531i	24.544	-143.7	63.7978	127.5955	0.8594
24	14	8	4.3	247.055	14.914i	247.505	3.5	72.0079	144.0158	0.8107
16	16	8	0.1	40.702	5.645i	41.092	7.9	52.1357	104.2714	0.9767
18	16	8	1.5	148.076	14.469i	148.781	5.6	56.5917	113.1833	0.9237
20	16	8	0.0	-13.865	6.835i	15.458	153.8	61.9638	123.9276	0.8736
22	16	8	0.0	-11.144	5.789i	12.558	152.6	68.8627	137.7253	0.8267
24	16	8	0.1	-42.949	-6.054i	43.373	-172.0	79.9442	159.8884	0.7831
18	18	8	11.4	-404.639	-33.518i	406.024	-175.3	61.3702	122.7403	0.8785
20	18	8	1.4	141.255	11.866i	141.753	4.8	67.4270	134.8540	0.8350
22	18	8	5.6	-282.059	-23.827i	283.064	-175.2	76.2547	152.5094	0.7938
20	20	8	1.3	137.347	8.386i	137.603	3.5	75.2162	150.4324	0.7974
13	11	9	0.1	43.572	0.101i	43.572	0.1	39.3156	78.6313	1.2169
15	11	9	0.1	-37.012	-0.089i	37.012	-179.9	42.8226	85.6451	1.1343
17	11	9	0.1	-35.014	-0.087i	35.014	-179.9	46.7936	93.5872	1.0578
19	11	9	0.3	-70.022	-0.179i	70.022	-179.9	51.3070	102.6141	0.9879
21	11	9	1.0	119.993	0.315i	119.994	0.2	56.5242	113.0485	0.9244
23	11	9	0.6	96.079	0.260i	96.079	0.2	62.7939	125.5878	0.8670
25	11	9	0.0	13.860	0.039i	13.860	0.2	71.0789	142.1577	0.8151
15	13	9	0.0	-10.298	-0.025i	10.298	-179.9	45.8006	91.6012	1.0755
17	13	9	0.4	-76.448	-0.193i	76.448	-179.9	49.7906	99.5812	1.0096
19	13	9	0.5	80.764	0.210i	80.764	0.1	54.3998	108.7996	0.9483
21	13	9	3.5	225.665	0.603i	225.666	0.2	59.8476	119.6952	0.8917
23	13	9	0.7	103.296	0.285i	103.296	0.2	66.6503	133.3006	0.8398
25	13	9	0.1	43.780	0.124i	43.781	0.2	76.6632	153.3265	0.7924
17	15	9	0.2	-49.518	-0.128i	49.518	-179.9	53.3582	106.7163	0.9609
19	15	9	0.7	-96.969	-0.257i	96.969	-179.8	58.1621	116.3241	0.9076
21	15	9	0.0	-11.890	-0.032i	11.890	-179.8	64.0332	128.0665	0.8576
23	15	9	2.0	169.911	0.477i	169.912	0.2	71.9027	143.8053	0.8112
19	17	9	0.1	-29.352	-0.080i	29.352	-179.8	62.7939	125.5878	0.8670
21	17	9	0.1	44.293	0.123i	44.293	0.2	69.5161	139.0321	0.8231
23	17	9	0.2	55.185	0.158i	55.185	0.2	80.4999	160.9998	0.7818

21	19	9	0.0	-1.038	-0.003i	1.038	-179.8	77.8144	155.6289	0.7888
10	10	10	0.1	4.103	-39.312i	39.526	-84.0	34.7327	69.4654	1.3533
12	10	10	3.4	219.560	18.563i	220.344	4.8	37.5968	75.1936	1.2638
14	10	10	4.3	-247.093	-24.555i	248.310	-174.3	40.8887	81.7773	1.1779
16	10	10	13.1	433.414	34.098i	434.753	4.5	44.6226	89.2451	1.0977
18	10	10	1.6	-152.528	-11.743i	152.980	-175.6	48.8499	97.6998	1.0240
20	10	10	3.5	223.447	33.195i	225.899	8.5	53.6824	107.3648	0.9569
22	10	10	2.3	-180.252	-18.628i	181.212	-174.1	59.3505	118.7009	0.8963
24	10	10	12.9	430.309	18.147i	430.691	2.4	66.3958	132.7916	0.8414
26	10	10	1.3	-133.848	-29.098i	136.974	-167.7	76.8020	153.6040	0.7920
12	12	10	0.5	-86.047	2.103i	86.073	178.6	40.3869	80.7738	1.1900
14	12	10	0.0	19.926	4.027i	20.328	11.4	43.6301	87.2602	1.1175
16	12	10	1.3	-138.316	-13.763i	138.999	-174.3	47.3531	94.7061	1.0483
18	12	10	0.8	-108.558	-7.467i	108.815	-176.1	51.6251	103.2502	0.9835
20	12	10	1.3	-137.383	-14.644i	138.162	-173.9	56.5917	113.1833	0.9237
22	12	10	0.0	10.222	0.853i	10.258	4.8	62.5658	125.1317	0.8687
24	12	10	0.4	80.519	-0.183i	80.519	-0.1	70.3823	140.7646	0.8186
14	14	10	0.7	-96.559	-10.190i	97.096	-174.0	46.8557	93.7115	1.0568
16	14	10	1.9	164.320	19.398i	165.461	6.7	50.6100	101.2201	0.9977
18	14	10	0.4	72.005	1.493i	72.021	1.2	54.9913	109.9827	0.9414
20	14	10	2.8	201.582	19.963i	202.568	5.7	60.2057	120.4115	0.8885
22	14	10	0.6	-89.511	-6.329i	89.735	-176.0	66.7356	133.4712	0.8393
24	14	10	1.3	137.224	5.833i	137.348	2.4	76.2547	152.5094	0.7938
16	16	10	11.9	-413.623	-28.558i	414.608	-176.1	54.4653	108.9306	0.9475
18	16	10	0.4	70.982	7.675i	71.396	6.2	59.0685	118.1370	0.8989
20	16	10	8.7	-353.100	-28.264i	354.230	-175.4	64.7490	129.4981	0.8525
22	16	10	0.8	106.460	14.303i	107.417	7.7	72.4344	144.8687	0.8088
18	18	10	2.9	203.419	11.793i	203.761	3.3	64.1121	128.2241	0.8571
20	18	10	0.3	64.366	8.781i	64.962	7.8	70.7777	141.5555	0.8166
20	20	10	5.4	-277.376	-27.806i	278.767	-174.3	80.6922	161.3844	0.7813
15	13	11	0.0	20.825	0.052i	20.825	0.1	48.2876	96.5752	1.0329
17	13	11	0.5	89.001	0.228i	89.001	0.1	52.3278	104.6556	0.9741
19	13	11	0.5	87.507	0.231i	87.508	0.2	57.0655	114.1309	0.9187
21	13	11	0.9	-116.923	-0.317i	116.924	-179.8	62.7939	125.5878	0.8670
23	13	11	0.2	-56.105	-0.157i	56.105	-179.8	70.2845	140.5690	0.8191
17	15	11	0.5	85.172	0.223i	85.173	0.2	55.9874	111.9747	0.9302
19	15	11	0.6	95.430	0.257i	95.430	0.2	61.0031	122.0063	0.8816
21	15	11	2.5	-190.032	-0.525i	190.033	-179.8	67.3397	134.6794	0.8355
23	15	11	0.0	26.338	0.075i	26.338	0.2	76.6632	153.3265	0.7924
19	17	11	0.5	80.972	0.222i	80.973	0.2	65.9762	131.9524	0.8442
21	17	11	0.0	-14.834	-0.042i	14.834	-179.8	73.6569	147.3138	0.8035
12	12	12	11.9	-413.087	-22.811i	413.716	-176.8	43.1333	86.2667	1.1278
14	12	12	1.4	139.509	15.521i	140.370	6.3	46.3590	92.7180	1.0655
16	12	12	0.1	-33.292	-5.473i	33.739	-170.7	50.1053	100.2105	1.0050
18	12	12	1.7	156.493	25.365i	158.536	9.2	54.4653	108.9306	0.9475
20	12	12	0.0	23.937	-3.227i	24.153	-7.7	59.6340	119.2679	0.8936
22	12	12	0.5	79.681	15.989i	81.270	11.3	66.0597	132.1194	0.8436
24	12	12	1.2	-131.305	-15.823i	132.255	-173.1	75.2162	150.4324	0.7974
14	14	12	0.4	-75.676	-9.046i	76.215	-173.2	49.6021	99.2041	1.0125
16	14	12	0.0	-15.931	-0.559i	15.941	-178.0	53.4229	106.8459	0.9601
18	14	12	5.9	-289.888	-19.518i	290.544	-176.1	57.9549	115.9098	0.9096
20	14	12	0.5	83.337	-1.946i	83.360	-1.3	63.4861	126.9722	0.8617
22	14	12	3.6	-225.937	-10.842i	226.197	-177.3	70.7777	141.5555	0.8166
16	16	12	0.0	-10.761	9.331i	14.243	139.1	57.4060	114.8121	0.9152
18	16	12	0.1	26.788	9.715i	28.496	19.9	62.2637	124.5275	0.8711
20	16	12	0.2	53.838	10.516i	54.856	11.1	68.4966	136.9932	0.8287
22	16	12	0.2	-52.650	1.840i	52.682	178.0	77.9656	155.9311	0.7884
18	18	12	3.5	-223.804	-28.036i	225.553	-172.9	67.7790	135.5580	0.8329
20	18	12	0.0	-5.623	7.386i	9.283	127.3	75.7268	151.4536	0.7956
17	15	13	0.2	-47.990	-0.128i	47.990	-179.8	59.2798	118.5597	0.8969
19	15	13	0.0	20.646	0.056i	20.646	0.2	64.6688	129.3376	0.8531
21	15	13	0.0	-12.206	-0.034i	12.206	-179.8	71.9027	143.8053	0.8112
19	17	13	0.6	90.413	0.252i	90.413	0.2	70.2845	140.5690	0.8191
21	17	13	0.0	24.244	0.069i	24.244	0.2	80.4999	160.9998	0.7818
14	14	14	0.2	47.310	2.962i	47.403	3.6	52.9061	105.8122	0.9666
16	14	14	0.0	0.625	6.134i	6.166	84.2	56.8620	113.7240	0.9208
18	14	14	0.2	55.924	12.988i	57.413	13.1	61.6660	123.3319	0.8760
20	14	14	3.2	213.185	7.955i	213.334	2.1	67.7790	135.5580	0.8329
22	14	14	0.6	-94.275	4.650i	94.390	177.2	76.8020	153.6040	0.7920
16	16	14	6.5	-306.451	-15.415i	306.838	-177.1	61.0763	122.1526	0.8809
18	16	14	0.2	-47.578	-4.245i	47.767	-174.9	66.3958	132.7916	0.8414
20	16	14	0.5	-84.434	-15.440i	85.834	-169.6	73.7721	147.5441	0.8030
16	16	14	6.5	-306.451	-15.415i	306.838	-177.1	61.0763	122.1526	0.8809
18	16	14	0.2	-47.578	-4.245i	47.767	-174.9	66.3958	132.7916	0.8414
20	16	14	0.5	-84.434	-15.440i	85.834	-169.6	73.7721	147.5441	0.8030
18	18	14	2.1	173.033	22.102i	174.439	7.3	72.8700	145.7401	0.8068
19	17	15	0.1	35.698	0.101i	35.698	0.2	76.6632	153.3265	0.7924
16	16	16	0.3	-65.198	22.378i	68.932	161.1	65.7271	131.4542	0.8458
18	16	16	0.2	-52.604	-4.265i	52.777	-175.4	72.0079	144.0158	0.8107
18	18	16	0.5	-85.188	-13.388i	86.234	-171.1	81.5032	163.0064	0.7796