

Figure 3(b)

-180	-4.58634	-12.0814	-8.76178
-179	-4.597	-12.1114	-8.75197
-178	-4.65439	-12.1975	-8.79636
-177	-4.75913	-12.3409	-8.89563
-176	-4.91232	-12.5435	-9.05112
-175	-5.11567	-12.8082	-9.26493
-174	-5.37151	-13.1389	-9.54006
-173	-5.68298	-13.5408	-9.88049
-172	-6.05413	-14.0204	-10.2915
-171	-6.49021	-14.5861	-10.7797
-170	-6.99801	-15.2486	-11.3538
-169	-7.58636	-16.0213	-12.025
-168	-8.2669	-16.9205	-12.8073
-167	-9.05525	-17.9649	-13.7186
-166	-9.97294	-19.1718	-14.7809
-165	-11.0506	-20.5451	-16.0189
-164	-12.3336	-22.0362	-17.4522
-163	-13.8935	-23.4464	-19.0653
-162	-15.852	-24.3019	-20.7153
-161	-18.4415	-24.0718	-21.9387
-160	-22.1949	-22.8426	-22.0053
-159	-28.7844	-21.1868	-20.8079
-158	-35.1451	-19.5131	-19.0381
-157	-25.1843	-17.9732	-17.2416
-156	-20.2318	-16.5976	-15.6085
-155	-17.0839	-15.3763	-14.1686
-154	-14.794	-14.2901	-12.9049
-153	-13.0067	-13.3197	-11.7921
-152	-11.551	-12.4485	-10.8065
-151	-10.332	-11.6625	-9.92832
-150	-9.29126	-10.9505	-9.1418
-149	-8.39051	-10.3031	-8.4342
-148	-7.60309	-9.7128	-7.79526
-147	-6.90976	-9.17313	-7.21665
-146	-6.29615	-8.67878	-6.69152
-145	-5.75123	-8.22522	-6.21417
-144	-5.26633	-7.80858	-5.77982
-143	-4.83452	-7.42549	-5.3844
-142	-4.45014	-7.07305	-5.0244
-141	-4.10851	-6.74865	-4.6968
-140	-3.80571	-6.45001	-4.39895
-139	-3.5384	-6.17507	-4.12849
-138	-3.30374	-5.92195	-3.88333
-137	-3.09924	-5.68896	-3.66157
-136	-2.92271	-5.47453	-3.46151
-135	-2.77223	-5.27721	-3.28157
-134	-2.64608	-5.09565	-3.12028
-133	-2.5427	-4.92856	-2.9763
-132	-2.46067	-4.77475	-2.84833
-131	-2.39868	-4.63308	-2.73516
-130	-2.35552	-4.50244	-2.63563

-129 -2.33004 -4.3818 -2.54863  
-128 -2.32116 -4.27013 -2.47306  
-127 -2.32783 -4.16646 -2.40787  
-126 -2.34905 -4.06985 -2.35201  
-125 -2.38383 -3.97937 -2.30446  
-124 -2.43117 -3.89414 -2.2642  
-123 -2.4901 -3.81329 -2.23023  
-122 -2.55961 -3.73599 -2.20153  
-121 -2.63871 -3.66142 -2.17712  
-120 -2.72633 -3.58882 -2.156  
-119 -2.82142 -3.51743 -2.13718  
-118 -2.92284 -3.44655 -2.11969  
-117 -3.02944 -3.37549 -2.10257  
-116 -3.14 -3.30364 -2.08488  
-115 -3.25327 -3.23038 -2.06571  
-114 -3.36791 -3.15519 -2.04418  
-113 -3.48258 -3.07756 -2.01944  
-112 -3.59587 -2.99705 -1.99072  
-111 -3.70634 -2.91326 -1.95728  
-110 -3.81255 -2.82587 -1.91845  
-109 -3.91304 -2.73459 -1.87366  
-108 -4.0064 -2.63919 -1.8224  
-107 -4.09124 -2.5395 -1.76424  
-106 -4.16627 -2.4354 -1.69885  
-105 -4.23031 -2.32682 -1.626  
-104 -4.28229 -2.21376 -1.54554  
-103 -4.32133 -2.09622 -1.45741  
-102 -4.34671 -1.97429 -1.36164  
-101 -4.35794 -1.84807 -1.25835  
-100 -4.35472 -1.7177 -1.14771  
-99 -4.33698 -1.58335 -1.02998  
-98 -4.30486 -1.44522 -0.90546  
-97 -4.25867 -1.30352 -0.77451  
-96 -4.19892 -1.15848 -0.63751  
-95 -4.12628 -1.01035 -0.49488  
-94 -4.04152 -0.85938 -0.34707  
-93 -3.94551 -0.70585 -0.19452  
-92 -3.83919 -0.55001 -0.0377  
-91 -3.72352 -0.39213 0.12293  
-90 -3.59948 -0.23248 0.28694  
-89 -3.46805 -0.07131 0.45386  
-88 -3.33016 0.0911 0.62328  
-87 -3.1867 0.2545 0.79478  
-86 -3.03853 0.41866 0.96797  
-85 -2.88642 0.58331 1.14247  
-84 -2.73109 0.74824 1.31793  
-83 -2.5732 0.91322 1.49399  
-82 -2.41333 1.07802 1.67035  
-81 -2.25202 1.24243 1.8467  
-80 -2.08972 1.40625 2.02275  
-79 -1.92685 1.56928 2.19825  
-78 -1.76377 1.73134 2.37292  
-77 -1.60077 1.89223 2.54654  
-76 -1.43813 2.05179 2.71888

-75	-1.27607	2.20985	2.88972
-74	-1.11477	2.36623	3.05886
-73	-0.95439	2.52079	3.2261
-72	-0.79504	2.67337	3.39126
-71	-0.63681	2.82384	3.55415
-70	-0.47978	2.97205	3.71462
-69	-0.32398	3.11786	3.87249
-68	-0.16944	3.26116	4.02761
-67	-0.01615	3.40183	4.17981
-66	0.1359	3.53975	4.32897
-65	0.28675	3.6748	4.47492
-64	0.43647	3.80691	4.61753
-63	0.58511	3.93597	4.75668
-62	0.73278	4.06189	4.89222
-61	0.87958	4.18461	5.02403
-60	1.02563	4.30404	5.15199
-59	1.17108	4.42015	5.27599
-58	1.31606	4.53287	5.39591
-57	1.46076	4.64217	5.51165
-56	1.60534	4.74803	5.62311
-55	1.75	4.85042	5.7302
-54	1.89493	4.94936	5.83283
-53	2.04034	5.04484	5.93093
-52	2.18644	5.13689	6.02442
-51	2.33345	5.22556	6.11324
-50	2.48158	5.31091	6.19736
-49	2.63103	5.393	6.27671
-48	2.782	5.47192	6.35129
-47	2.93469	5.54778	6.42108
-46	3.08927	5.6207	6.48607
-45	3.24587	5.69081	6.54628
-44	3.40464	5.75828	6.60173
-43	3.56567	5.82328	6.65249
-42	3.72902	5.88599	6.69861
-41	3.89472	5.94661	6.74017
-40	4.06275	6.00535	6.77728
-39	4.23307	6.06244	6.81005
-38	4.40557	6.11811	6.83864
-37	4.58012	6.17259	6.86319
-36	4.75652	6.22613	6.8839
-35	4.93456	6.27895	6.90096
-34	5.11396	6.3313	6.9146
-33	5.29441	6.3834	6.92507
-32	5.47557	6.43545	6.9326
-31	5.65708	6.48765	6.93749
-30	5.83851	6.54017	6.94002
-29	6.01946	6.59315	6.94048
-28	6.19948	6.64671	6.93918
-27	6.3781	6.70093	6.93642
-26	6.55487	6.75586	6.93253
-25	6.72931	6.81151	6.92779
-24	6.90095	6.86784	6.92251
-23	7.06933	6.92479	6.91697
-22	7.23398	6.98224	6.91143

-21	7.39445	7.04005	6.90613
-20	7.5503	7.09804	6.90128
-19	7.70112	7.15599	6.89707
-18	7.8465	7.21366	6.89364
-17	7.98604	7.27076	6.89112
-16	8.11938	7.32702	6.88957
-15	8.24618	7.38212	6.88904
-14	8.3661	7.43574	6.88952
-13	8.47885	7.48755	6.891
-12	8.58414	7.53722	6.89339
-11	8.68172	7.58444	6.89661
-10	8.77133	7.62889	6.90054
-9	8.85278	7.67025	6.90504
-8	8.92586	7.70826	6.90996
-7	8.9904	7.74263	6.91513
-6	9.04626	7.77312	6.9204
-5	9.09329	7.79953	6.9256
-4	9.13139	7.82165	6.93057
-3	9.16047	7.83934	6.93519
-2	9.18046	7.85246	6.93932
-1	9.19132	7.86092	6.94287
0	9.193	7.86466	6.94575
1	9.18551	7.86366	6.94793
2	9.16886	7.85792	6.94936
3	9.14307	7.8475	6.95007
4	9.10821	7.83247	6.95007
5	9.06433	7.81295	6.94944
6	9.01154	7.78907	6.94824
7	8.94995	7.76102	6.94659
8	8.8797	7.72899	6.94459
9	8.80095	7.69323	6.9424
10	8.71387	7.65397	6.94014
11	8.61867	7.6115	6.93796
12	8.51559	7.56611	6.93599
13	8.40486	7.5181	6.93438
14	8.28676	7.4678	6.93324
15	8.16159	7.41551	6.93267
16	8.02967	7.36156	6.93274
17	7.89135	7.30625	6.93352
18	7.747	7.24991	6.93502
19	7.59699	7.19281	6.93723
20	7.44175	7.13523	6.9401
21	7.28171	7.07742	6.94356
22	7.11731	7.01959	6.9475
23	6.94902	6.96193	6.95176
24	6.77731	6.90459	6.95618
25	6.60268	6.84769	6.96055
26	6.42561	6.79132	6.96464
27	6.2466	6.73551	6.96822
28	6.06615	6.68026	6.97101
29	5.88474	6.62555	6.97275
30	5.70285	6.5713	6.97314
31	5.52094	6.51741	6.97191
32	5.33943	6.46375	6.96877

33	5.15875	6.41017	6.96344
34	4.97927	6.35648	6.95565
35	4.80132	6.3025	6.94512
36	4.62521	6.248	6.93162
37	4.45121	6.19278	6.9149
38	4.27951	6.1366	6.89474
39	4.11028	6.07923	6.87094
40	3.94365	6.02045	6.84331
41	3.77968	5.96004	6.81169
42	3.61841	5.89778	6.77593
43	3.45981	5.83346	6.73589
44	3.30382	5.76689	6.69146
45	3.15037	5.69789	6.64256
46	2.99931	5.62629	6.58911
47	2.85049	5.55194	6.53104
48	2.70375	5.4747	6.46831
49	2.55887	5.39446	6.4009
50	2.41566	5.3111	6.32879
51	2.27389	5.22454	6.25198
52	2.13334	5.1347	6.17048
53	1.99378	5.04154	6.08432
54	1.85499	4.945	5.99352
55	1.71673	4.84506	5.89814
56	1.57881	4.74171	5.79822
57	1.44102	4.63494	5.69384
58	1.30316	4.52478	5.58505
59	1.16505	4.41123	5.47193
60	1.02652	4.29433	5.35457
61	0.88743	4.17414	5.23306
62	0.74762	4.0507	5.10748
63	0.60698	3.92408	4.97795
64	0.46541	3.79435	4.84456
65	0.32279	3.66159	4.70742
66	0.17907	3.5259	4.56665
67	0.03419	3.38735	4.42237
68	-0.11191	3.24607	4.27469
69	-0.25925	3.10216	4.12375
70	-0.40783	2.95573	3.96967
71	-0.55764	2.80691	3.81258
72	-0.70864	2.65582	3.65264
73	-0.86079	2.50261	3.48999
74	-1.01401	2.34741	3.32477
75	-1.16818	2.19037	3.15715
76	-1.32319	2.03164	2.98729
77	-1.47886	1.87139	2.81536
78	-1.635	1.70979	2.64155
79	-1.79138	1.547	2.46604
80	-1.94773	1.38321	2.28905
81	-2.10372	1.21862	2.11078
82	-2.25898	1.05341	1.93146
83	-2.41311	0.88779	1.75133
84	-2.56561	0.72198	1.57066
85	-2.71597	0.55619	1.38972
86	-2.86358	0.39067	1.2088

87	-3.0078	0.22564	1.02821
88	-3.14789	0.06135	0.84828
89	-3.28309	-0.10194	0.66938
90	-3.41257	-0.26396	0.49188
91	-3.53546	-0.42446	0.31616
92	-3.65082	-0.58316	0.14266
93	-3.75775	-0.73978	-0.02819
94	-3.8553	-0.89405	-0.19593
95	-3.94256	-1.04567	-0.3601
96	-4.01866	-1.19439	-0.52021
97	-4.08279	-1.33991	-0.67578
98	-4.13426	-1.48199	-0.8263
99	-4.1725	-1.62038	-0.97131
100	-4.19708	-1.75483	-1.11032
101	-4.20775	-1.88514	-1.2429
102	-4.20446	-2.01111	-1.36862
103	-4.18736	-2.13259	-1.48712
104	-4.1568	-2.24945	-1.59808
105	-4.11332	-2.36162	-1.70124
106	-4.05768	-2.46903	-1.79642
107	-3.99077	-2.57171	-1.88352
108	-3.91367	-2.66971	-1.96253
109	-3.82756	-2.76313	-2.03354
110	-3.73371	-2.85215	-2.09673
111	-3.63347	-2.93698	-2.15238
112	-3.52825	-3.01791	-2.20089
113	-3.41943	-3.09527	-2.24274
114	-3.30844	-3.16948	-2.27849
115	-3.19667	-3.24097	-2.30882
116	-3.08548	-3.31027	-2.33445
117	-2.9762	-3.37792	-2.35621
118	-2.8701	-3.44454	-2.37495
119	-2.76842	-3.51078	-2.3916
120	-2.67234	-3.57733	-2.40711
121	-2.583	-3.64493	-2.42248
122	-2.5015	-3.71435	-2.43872
123	-2.42891	-3.78638	-2.45688
124	-2.36625	-3.86185	-2.47798
125	-2.31454	-3.94162	-2.5031
126	-2.27476	-4.02658	-2.53329
127	-2.24792	-4.11761	-2.56962
128	-2.23499	-4.21567	-2.61317
129	-2.23699	-4.32171	-2.665
130	-2.25493	-4.43672	-2.72621
131	-2.2899	-4.5617	-2.79789
132	-2.34299	-4.69773	-2.88116
133	-2.41539	-4.84588	-2.97715
134	-2.50835	-5.00729	-3.08703
135	-2.62323	-5.18316	-3.21201
136	-2.76151	-5.37474	-3.35336
137	-2.92481	-5.58337	-3.51238
138	-3.11495	-5.81045	-3.69048
139	-3.33396	-6.05752	-3.88914
140	-3.58415	-6.32621	-4.10998

141 -3.86814 -6.61834 -4.35473  
142 -4.18899 -6.93587 -4.6253  
143 -4.55028 -7.281 -4.92379  
144 -4.95622 -7.65616 -5.25255  
145 -5.41189 -8.06412 -5.61421  
146 -5.92346 -8.50801 -6.01176  
147 -6.49854 -8.9914 -6.4486  
148 -7.14674 -9.51845 -6.92865  
149 -7.88039 -10.094 -7.45648  
150 -8.71575 -10.7236 -8.03738  
151 -9.67488 -11.4141 -8.67762  
152 -10.7888 -12.1732 -9.38451  
153 -12.1034 -13.0104 -10.1667  
154 -13.6901 -13.9362 -11.034  
155 -15.6704 -14.9629 -11.9974  
156 -18.276 -16.1025 -13.068  
157 -22.0399 -17.3631 -14.2534  
158 -28.6944 -18.7387 -15.5494  
159 -36.5496 -20.1834 -16.9191  
160 -25.4538 -21.5583 -18.2496  
161 -20.3864 -22.5719 -19.2969  
162 -17.2195 -22.8637 -19.7243  
163 -14.9361 -22.3375 -19.3669  
164 -13.1668 -21.2818 -18.424  
165 -11.7366 -20.0474 -17.2323  
166 -10.5489 -18.8381 -16.0211  
167 -9.54515 -17.7342 -14.8933  
168 -8.68702 -16.756 -13.8815  
169 -7.94824 -15.9005 -12.9889  
170 -7.31007 -15.1578 -12.2079  
171 -6.75874 -14.5166 -11.5286  
172 -6.28391 -13.9665 -10.9409  
173 -5.87769 -13.4988 -10.4362  
174 -5.53401 -13.1062 -10.0072  
175 -5.24815 -12.7829 -9.64777  
176 -5.01648 -12.5245 -9.35325  
177 -4.83622 -12.3273 -9.11986  
178 -4.70531 -12.1887 -8.94473  
179 -4.62232 -12.1071 -8.82582  
180 -4.58634 -12.0814 -8.76178

Figure5(b)

13.4	-15.9005	-0.30953	-0.30953	-15.5489
13.5	-18.0266	-0.26194	-0.26194	-17.6042
13.6	-20.9177	-0.22357	-0.22357	-20.3298
13.7	-25.1307	-0.19779	-0.19779	-24.1207
13.8	-31.7115	-0.18453	-0.18453	-29.2783
13.9	-31.7856	-0.18232	-0.18232	-30.1516
14	-25.8046	-0.18911	-0.18911	-25.4942
14.1	-22.1597	-0.20266	-0.20266	-22.0419
14.2	-19.7796	-0.22078	-0.22078	-19.6966
14.3	-18.1055	-0.24149	-0.24149	-18.024
14.4	-16.878	-0.26316	-0.26316	-16.7861
14.5	-15.9557	-0.28455	-0.28455	-15.8468
14.6	-15.2502	-0.30484	-0.30484	-15.1199
14.7	-14.699	-0.32367	-0.32367	-14.545
14.8	-14.2537	-0.34109	-0.34109	-14.076
14.9	-13.8748	-0.35757	-0.35757	-13.6755
15	-13.5298	-0.37396	-0.37396	-13.3119
15.1	-13.1936	-0.3914	-0.3914	-12.9594
15.2	-12.8498	-0.4113	-0.4113	-12.5982



Figure7(a)

-180	-30.3597	-35.1458	-32.6431
-179	-29.353	-34.7884	-31.8778
-178	-33.1976	-39.2532	-31.5079
-177	-30.8376	-41.264	-31.4425
-176	-31.8675	-43.4564	-31.5965
-175	-31.3497	-44.645	-31.8859
-174	-31.8995	-41.4654	-32.2374
-173	-33.7192	-44.897	-32.6084
-172	-32.5556	-42.6498	-33.0035
-171	-32.3733	-43.9745	-33.4698
-170	-31.2584	-41.4654	-34.0731
-169	-29.4022	-44.654	-34.8676
-168	-30.8873	-40.4989	-35.8665
-167	-30.1372	-39.4985	-37.0081
-166	-30.6876	-33.546	-38.1283
-165	-35.566	-38.456	-39.0131
-164	-36.7532	-39.345	-39.5977
-163	-36.8865	-43.64	-40.1153
-162	-37.9468	-44.6454	-40.9936
-161	-40.0498	-48.5146	-42.7659
-160	-43.3125	-46.645	-46.2866
-159	-39.2351	-40.6432	-51.6088
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Figure7(b)

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Figure7(c)

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Figure7(d)

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-9	-3.61991	-26.9845	-6.7341
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163 -30.2376 -42.1414 -30.571  
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176 -31.7706 -46.1368 -39.9563  
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Figure8

13.5	15.33764	16.01361	15.84887
14	15.61206	16.29429	16.82917
15.1	15.91817	16.59037	17.74556

Figure9(a)

-180	-26.3553	-26.8755	-21.5546	-20.8004	-21.4765	-17.9104	-17.5199
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-178		-31.5295	-23.6125	-22.5942	-19.3242	-18.4752	-16.7551
-178	-22.2104						
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-176	-22.703	-25.0825	-23.8354	-27.1708	-17.4974	-19.5482	-16.9514
-175	-24.4224	-23.2196	-22.249	-30.4155	-17.0786	-20.4613	-17.282
-174	-27.1466	-22.3417	-20.6525	-30.3846	-16.9677	-21.8231	-17.7073
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-165	-24.4104						
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-164	-24.6507	-21.0094	-18.9454	-36.7409	-24.584	-22.075	-24.7526
-163	-23.1476	-20.9268	-19.0182	-28.1997	-29.153	-23.7118	-22.5584
-162	-21.0873						
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-160	-18.281	-25.4115	-23.0038	-21.0835	-25.6893	-43.7388	-21.3039
-159	-17.7811						
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-153	-40.3981						
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-87	-14.4743						
-86	-13.9501						
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-84	-12.6988	-3.27091	-6.77119	-5.99753	-4.7221	-3.91623	-5.18009
-83	-11.9921						
-83		-3.08163	-6.8179	-5.86792	-4.46768	-3.68944	-5.09619
-82	-11.2474	-2.8955	-6.90825	-5.73039	-4.2089	-3.46297	-5.01529
-81	-10.477	-2.71613	-7.04946	-5.5804	-3.94827	-3.23961	-4.93515
-80	-9.69292						
-80		-2.54731	-7.25022	-5.41315	-3.68879	-3.02232	-4.85281
-79	-8.9061	-2.39292	-7.52113	-5.22387	-3.4339	-2.81429	-4.76445
-78	-8.12631	-2.25686	-7.87512	-5.00826	-3.18753	-2.61888	-4.66544
-77	-7.36215						
-77		-2.14298	-8.32809	-4.763	-2.95412	-2.43959	-4.55044
-76	-6.62109	-2.05496	-8.89959	-4.48627	-2.7386	-2.27999	-4.41371
-75	-5.90967	-1.99616	-9.61325	-4.17819	-2.54646	-2.14371	-4.24957
-74	-5.23371						
-74		-1.96948	-10.496	-3.84109	-2.38376	-2.03427	-4.05307
-73	-4.59848	-1.977	-11.5723	-3.47953	-2.25727	-1.95502	-3.82079
-72	-4.00891	-2.01964	-12.8414	-3.10009	-2.1745	-1.90892	-3.55159
-71	-3.46976						
-71		-2.09657	-14.2039	-2.71094	-2.144	-1.89827	-3.24717
-70	-2.98579	-2.20446	-15.2868	-2.32136	-2.17553	-1.9243	-2.91229
-69	-2.56192	-2.33648	-15.378	-1.94126	-2.28054	-1.98659	-2.55461
-68	-2.20337						
-68		-2.48124	-14.161	-1.58069	-2.47272	-2.08229	-2.18421
-67	-1.91587	-2.62191	-12.2292	-1.24961	-2.76887	-2.20502	-1.81287
-66	-1.70577	-2.7361	-10.2101	-0.95768	-3.19029	-2.3437	-1.45345
-65	-1.58034						
-65		-2.79748	-8.35935	-0.71413	-3.76489	-2.48134	-1.11928
-64	-1.54799	-2.77993	-6.73299	-0.52775	-4.53068	-2.59464	-0.82387
-63	-1.6186	-2.66397	-5.3245	-0.40685	-5.54171	-2.65536	-0.58083
-62	-1.80398						



-62		-2.44329	-4.11397	-0.35911	-6.87828	-2.63449	-0.40401
-61	-2.11841	-2.1281	-3.08247	-0.39133	-8.6635	-2.50935	-0.30791
-60	-2.57926	-1.74335	-2.21536	-0.50871	-11.0758	-2.27138	-0.30831
-59	-3.20775						
-59		-1.32281	-1.50257	-0.71368	-14.192	-1.93047	-0.42327
-58	-4.02928	-0.90247	-0.93821	-1.00346	-16.4287	-1.51341	-0.67451
-57	-5.07213	-0.51581	-0.52003	-1.36611	-14.229	-1.05725	-1.08966
-56	-6.36005	-0.19163	-0.24927	-1.77433	-10.6022	-0.60183	-1.70596
-55	-7.8845	0.04613	-0.13055	-2.17785	-7.64574	-0.18448	-2.57673
-54	-9.51792	0.17765	-0.17218	-2.49924	-5.36814	0.16213	-3.78395
-53	-10.8323	0.18627	-0.38669	-2.64429	-3.59492	0.40956	-5.46511
-52	-11.1247	0.05818	-0.79186	-2.53697	-2.20482	0.53191	-7.87839
-51	-10.2454	-0.21677	-1.4122	-2.16373	-1.12305	0.5033	-11.5815
-50	-8.8552	-0.64184	-2.28095	-1.58582	-0.30424	0.29476	-17.5827
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-48	-6.47176	-1.8639	-4.94836	-0.22443	0.63798	-0.82123	-11.0221
-47	-5.75331	-2.51567	-6.83872	0.38098	0.7788	-1.85494	-6.98034
-46	-5.37218	-2.97929	-9.01883	0.85675	0.69556	-3.35836	-4.24882
-45	-5.31883	-3.03958	-10.8521	1.16497	0.37403	-5.57318	-2.2821
-44	-5.57017	-2.59802	-11.0039	1.27468	-0.21087	-9.05615	-0.8342
-43	-6.06038	-1.77181	-9.49092	1.15432	-1.09874	-15.6069	0.21893
-42	-6.61091	-0.78882	-7.66507	0.76424	-2.34977	-21.4805	0.94374
-41	-6.85104	0.1596	-6.174	0.04689	-4.05249	-11.2331	1.37494
-40	-6.35655	0.95929	-5.12663	-1.09061	-6.31918	-6.33008	1.52666
-39	-5.10584	1.55024	-4.49755	-2.81533	-9.15594	-3.30454	1.39694
-38	-3.50997	1.89807	-4.23881	-5.47757	-11.6142	-1.23168	0.96814
-37	-1.95599	1.97507	-4.28811	-10.0413	-11.1155	0.22858	0.20368
-36	-0.63839	1.74781	-4.53999	-21.9261	-8.61685	1.23198	-0.96015
-35	0.36575	1.16563	-4.79752	-15.1399	-6.35808	1.85608	-2.63094
-34	1.02001	0.14357	-4.76248	-7.45097	-4.74584	2.13715	-4.98937
-33	1.28813	-1.47422	-4.19232	-3.55069	-3.70819	2.08425	-8.2919
-32	1.1087	-4.01472	-3.13842	-1.06814	-3.1458	1.68317	-12.1574
-31	0.36318	-8.36148	-1.889	0.60866	-2.97398	0.89334	-12.1228
-30	-1.19712	-19.1959	-0.71856	1.72244	-3.09804	-0.36408	-8.56765
-29	-4.19346	-15.0886	0.20687	2.38541	-3.36912	-2.23504	-5.70996
-28	-10.9355	-6.73545	0.79368	2.64791	-3.54471	-5.00008	-3.82115
-27	-14.4691	-2.72779	0.96858	2.52197	-3.34246	-9.18746	-2.6606
-26	-3.41561	-0.24902	0.63608	1.98724	-2.65093	-14.1394	-2.06453
-25	1.91436	1.37017	-0.37398	0.98499	-1.64807	-11.318	-1.92732
-24	5.45841	2.38616	-2.4231	-0.6045	-0.62638	-6.88803	-2.15221
-23	8.09483	2.91267	-6.43033	-3.02294	0.18736	-4.09847	-2.59131
-22	10.15459	2.99487	-12.8861	-6.80581	0.64926	-2.40421	-2.97866
-21	11.79715	2.6327	-5.77401	-12.9987	0.64597	-1.46917	-2.95862
-20	13.11052	1.78253	0.46193	-13.7678	0.03457	-1.126	-2.3547
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-10	13.34198	-0.22969	16.15247	-3.20413	12.90155	0.54262	-1.10576

-9	11.94653	-0.4276	16.10896	-2.23844	14.09013	-0.36831	3.5027
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22	0.22728	9.93405	-11.4997	-12.6488	-3.09096	2.33224	-9.3789
23	0.81193	7.67822	-8.63421	-3.8165	-3.40081	1.57393	-10.6431
24	0.92204	4.72879	-5.03583	-0.45013	-4.54388	0.24067	-7.81765
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41	1.85026	-4.74325	0.53931	-5.7877	-7.114	-3.38545	2.05993
42	1.39915	-3.80634	1.41119	-8.15603	-9.65236	-1.43595	1.72673
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49	0.19386	-8.00437	0.92342	-1.6696	1.2765	1.48419	-11.6687
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53	0.81085	-11.7336	-1.17275	1.35699	1.87526	-2.64592	-3.28389
54	0.73556	-8.35944	-1.36374	1.52461	1.61612	-4.58145	-1.82474
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56	0.26586	-4.06676	-1.24013	1.33594	0.74432	-10.5679	0.03074
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129		-32.6581	-13.2227	-10.82	-9.85744	-12.7722	-15.2354
129	-10.7201						
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131	-11.9101	-21.1582	-12.575	-13.1416	-10.5187	-11.3409	-18.7295
132	-12.6916						
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133	-13.4945	-16.5104	-11.6942	-17.3167	-12.092	-11.0373	-18.0248
134	-14.1672	-15.4124	-11.4098	-20.5863	-13.303	-11.2947	-16.4326
135		-14.8364	-11.3053	-24.7525	-14.8326	-11.8429	-14.9782
135	-14.5297						
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137	-14.1132	-15.0101	-11.7761	-23.1447	-18.4053	-13.9595	-13.0999
138		-15.7636	-12.4141	-20.12	-19.3536	-15.6584	-12.6891
138	-13.6003						
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141	-12.7518						
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144		-31.128	-20.0568	-17.7872	-14.2337	-19.9115	-17.9245
144	-14.4107						
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146	-17.4222	-21.8183	-17.7697	-21.9506	-14.9988	-17.8149	-22.6921
147		-20.2097	-16.7004	-25.4986	-16.043	-17.6777	-23.3912
147	-19.3708						
148	-20.9023	-19.5121	-16.0643	-28.9654	-17.5823	-18.0956	-22.1087
149	-21.0128	-19.5531	-15.8978	-27.5814	-19.6267	-19.0752	-20.4872
150		-20.3084	-16.2138	-24.3232	-21.9339	-20.638	-19.3409
150	-19.8992						
151	-18.6193	-21.8674	-17.0368	-22.0789	-23.4494	-22.7155	-18.7969
152	-17.7204	-24.4502	-18.4071	-20.8333	-22.9885	-24.7305	-18.8417
153		-28.2321	-20.3394	-20.3974	-21.5041	-25.1776	-19.4579
153	-17.3463						
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156	-19.7673						
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158	-24.53	-20.5531	-20.5775	-26.8162	-21.2486	-20.829	-23.2241
159		-20.1139	-19.867	-25.4212	-22.9737	-21.7432	-21.8479
159	-25.768						
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161	-22.0664	-21.3373	-20.5276	-21.2137	-24.8808	-25.5148	-20.387
162		-23.1631	-21.9743	-20.0232	-23.4751	-26.7413	-20.6044
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164	-19.9206	-31.6203	-26.4492	-19.5032	-20.6532	-22.9473	-23.3408
165		-42.2504	-26.4365	-20.0972	-20.1582	-20.9843	-26.0436
165	-20.7867						
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167	-25.5324	-28.4492	-22.0753	-22.796	-21.3868	-19.0143	-27.287
168		-25.9332	-20.7322	-24.3678	-23.4084	-18.8786	-24.1992

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175 -21.9913 -22.2459 -34.4431 -20.0644 -20.3638 -19.7002 -20.5643  
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177 -29.5666  
178 -45.823  
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Figure9(b)

-180	-25.0257	-22.5357	-21.2217	-19.6413	-19.5305	-20.4568	-17.7663
-179	-22.6554	-25.8053	-21.5713	-19.2758	-18.8366	-20.384	-17.9453
-178		-32.2091	-21.8788	-19.5031	-18.1856	-19.8403	-18.4001
-178	-21.6175						
-177	-21.5359						
-177		-37.1869	-21.6387	-20.438	-17.7837	-19.1279	-18.994
-176	-22.2284	-28.3646	-20.7821	-22.3047	-17.7426	-18.5779	-19.454
-175	-23.4285	-24.1955	-19.7393	-25.6588	-18.0981	-18.4063	-19.4818
-174	-24.3811	-22.0559	-18.9294	-32.5425	-18.8043	-18.7528	-19.0399
-173	-23.9919	-21.1283	-18.5687	-43.1411	-19.6648	-19.7585	-18.4094
-172	-22.5046	-21.1672	-18.7538	-29.1398	-20.2477	-21.6595	-17.9216
-171	-21.0297						
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-170	-20.1156	-24.4341	-20.8878	-22.379	-19.2969	-31.7477	-18.1964
-169	-19.9279	-28.8879	-22.4872	-21.4348	-18.355	-43.3351	-19.2568
-168	-20.5806						
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-167	-22.3039	-33.5025	-22.0788	-22.5752	-17.4789	-24.2359	-24.7207
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-165	-31.5524						
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-164	-29.9511	-21.3484	-17.6728	-42.1288	-21.0972	-21.0538	-27.7339
-163	-23.9628	-20.6236	-17.3809	-30.9304	-24.9172	-22.1092	-23.3254
-162	-20.4367						
-162		-20.7101	-17.797	-24.9989	-33.3741	-24.4736	-21.1341
-161	-18.3652	-21.5432	-19.0475	-21.9188	-34.8958	-29.0712	-20.1877
-160	-17.2715	-23.0669	-21.4649	-20.1905	-25.635	-35.4794	-20.2166
-159	-16.9768						
-159		-24.9046	-26.0486	-19.3514	-21.7452	-28.5987	-21.2199
-158	-17.4582	-25.6267	-37.9435	-19.2139	-19.7235	-23.4695	-23.4337
-157	-18.8404	-24.1516	-29.7106	-19.6886	-18.824	-20.5106	-27.3977
-156	-21.5226						
-156		-21.9618	-23.0081	-20.6919	-18.8224	-18.7432	-31.0764
-155	-26.8559	-20.1749	-19.7081	-21.99	-19.7104	-17.7852	-26.3655
-154	-42.8294	-18.9878	-17.8925	-22.914	-21.656	-17.4657	-21.881
-153	-26.8806						
-153		-18.362	-17.04	-22.5855	-24.9603	-17.698	-19.0261
-152	-21.062	-18.2307	-16.9782	-21.2017	-28.1124	-18.415	-17.2194
-151	-17.9773	-18.5179	-17.6978	-19.6687	-24.9782	-19.4839	-16.1542
-150	-16.1799						
-150		-19.1024	-19.3297	-18.4701	-20.7274	-20.536	-15.6784
-149	-15.233	-19.749	-22.1757	-17.7277	-17.7801	-20.8733	-15.7133
-148	-14.9749	-20.0822	-26.1187	-17.4466	-15.8149	-20.1055	-16.2089
-147	-15.3712						
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-144	-21.9198						
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-142	-24.4309	-16.8956	-12.4849	-19.6753	-15.3018	-15.8995	-16.5311

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-138 -23.7971 -12.3919 -15.3542 -16.2469 -19.9053 -13.3727  
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-100	-11.7705	-3.74017	-5.48829	-13.2578	-6.56365	-5.42968	-12.3135
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-90	-10.1214						
-89	-9.91897						
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-87		-1.47991	-2.94072	-10.3204	-5.26969	-3.52134	-9.08019
-87	-9.49992						
-86	-9.27191						
-86		-1.36725	-2.83447	-10.1925	-4.93904	-3.31642	-9.19717
-85	-9.02219	-1.26654	-2.74448	-10.0514	-4.58306	-3.10852	-9.37759
-84	-8.7431	-1.18012	-2.67325	-9.88247	-4.20589	-2.90047	-9.6271
-83	-8.42731						
-83		-1.11076	-2.62372	-9.66937	-3.81206	-2.69552	-9.95139
-82	-8.06876	-1.06174	-2.59925	-9.39615	-3.40636	-2.49731	-10.3548
-81	-7.66352	-1.03684	-2.60367	-9.04945	-2.9938	-2.30989	-10.8375
-80	-7.21056						
-80		-1.04041	-2.64122	-8.62118	-2.57947	-2.1377	-11.3891
-79	-6.71213	-1.0774	-2.71659	-8.11038	-2.16856	-1.98567	-11.9772
-78	-6.17361	-1.15349	-2.83482	-7.52377	-1.76628	-1.85917	-12.5281
-77	-5.60303						
-77		-1.27509	-3.00121	-6.87451	-1.37787	-1.76417	-12.907
-76	-5.01022	-1.44952	-3.22104	-6.17993	-1.00861	-1.70728	-12.9315
-75	-4.40596	-1.68504	-3.49913	-5.45894	-0.66382	-1.69595	-12.462
-74	-3.80122						
-74		-1.99098	-3.83883	-4.72994	-0.34893	-1.73861	-11.5147
-73	-3.20655	-2.37764	-4.2403	-4.0096	-0.06951	-1.84501	-10.2488
-72	-2.63181	-2.85599	-4.69733	-3.31233	0.16863	-2.02654	-8.84691
-71	-2.08597						
-71		-3.43656	-5.19198	-2.65032	0.35939	-2.29681	-7.43764
-70	-1.57716	-4.12672	-5.68653	-2.03394	0.49626	-2.67228	-6.09064
-69	-1.11271	-4.92404	-6.1147	-1.47216	0.57218	-3.17322	-4.8378
-68	-0.69931						
-68		-5.80161	-6.38025	-0.97309	0.57944	-3.82476	-3.69126
-67	-0.34309	-6.67956	-6.37867	-0.54447	0.50955	-4.65765	-2.65414
-66	-0.04968	-7.3874	-6.0468	-0.19407	0.3531	-5.70695	-1.72598
-65	0.17574						
-65		-7.67059	-5.40502	0.06975	0.09978	-7.00157	-0.90545
-64	0.32863	-7.33709	-4.54561	0.23762	-0.26137	-8.51961	-0.19152
-63	0.40536	-6.4462	-3.58109	0.29853	-0.74109	-10.0376	0.41586
-62	0.40387						

-62		-5.24993	-2.60376	0.23912	-1.34749	-10.8554	0.91554
-61	0.32474	-3.98633	-1.67484	0.04259	-2.08022	-10.1684	1.30494
-60	0.17311	-2.79524	-0.8303	-0.31276	-2.91729	-8.33504	1.57992
-59	-0.03857						
-59		-1.74076	-0.08986	-0.85579	-3.78866	-6.25413	1.73461
-58	-0.28658	-0.84801	0.53598	-1.62598	-4.53794	-4.35366	1.76118
-57	-0.53198	-0.12591	1.04162	-2.67845	-4.91573	-2.72973	1.64963
-56	-0.71935	0.42156	1.42398	-4.09003	-4.7047	-1.37659	1.38766
-55	-0.78388	0.79008	1.68147	-5.95612	-3.9239	-0.26908	0.96084
-54	-0.6708	0.97218	1.81394	-8.30691	-2.81245	0.61572	0.35407
-53	-0.36079	0.95532	1.8235	-10.5655	-1.62042	1.29404	-0.44378
-52	0.1176	0.71966	1.71644	-10.5814	-0.50121	1.77533	-1.42633
-51	0.69976	0.23491	1.50664	-8.09118	0.47395	2.06276	-2.53432
-50	1.31009	-0.54487	1.22069	-5.33888	1.27809	2.15376	-3.58229
-49	1.88119	-1.68995	0.90428	-3.07654	1.90387	2.04014	-4.19288
-48	2.36055	-3.30835	0.62596	-1.31283	2.3517	1.70827	-3.98119
-47	2.7087	-5.55237	0.46997	0.03643	2.62498	1.13975	-2.99467
-46	2.89422	-8.47969	0.50956	1.03844	2.72913	0.31513	-1.65448
-45	2.88829	-10.8211	0.76911	1.73615	2.67286	-0.77248	-0.31618
-44	2.65944	-9.27452	1.20652	2.15337	2.47184	-2.07287	0.85395
-43	2.1675	-5.97088	1.73416	2.29917	2.15492	-3.36018	1.80134
-42	1.35491	-3.2178	2.25622	2.1704	1.7729	-4.08049	2.51626
-41	0.13091	-1.16841	2.69248	1.75322	1.40589	-3.66431	3.00369
-40	-1.66306	0.32163	2.9827	1.02548	1.15799	-2.32341	3.27265
-39	-4.34547	1.36342	3.0807	-0.03373	1.12403	-0.72304	3.33398
-38	-8.71371	2.02304	2.94572	-1.40643	1.33667	0.73616	3.20256
-37	-17.3445	2.33465	2.5334	-2.90719	1.74094	1.92428	2.90315
-36	-14.3089	2.30962	1.78528	-3.91634	2.22559	2.82057	2.48059
-35	-7.3595	1.94187	0.61271	-3.57904	2.67466	3.43532	2.01265
-34	-3.70386	1.21301	-1.13534	-2.05833	2.99554	3.78453	1.61613
-33	-1.47317	0.10704	-3.7509	-0.25104	3.12006	3.88421	1.42279
-32	-0.08432	-1.33347	-7.89476	1.34511	2.99386	3.75231	1.51245
-31	0.71072	-2.81946	-14.6953	2.60172	2.56328	3.41574	1.85301
-30	1.06037	-3.51655	-12.7627	3.51413	1.76107	2.92316	2.31933
-29	1.12278	-2.66915	-6.88246	4.10423	0.48593	2.36322	2.76583
-28	1.16732	-0.88264	-3.51013	4.3947	-1.43689	1.87663	3.07481
-27	1.61643	0.93765	-1.48806	4.40536	-4.3508	1.62793	3.16211
-26	2.79865	2.43923	-0.31533	4.15767	-9.0023	1.71331	2.96258
-25	4.58613	3.56106	0.24629	3.68537	-14.8443	2.07958	2.4119
-24	6.58046	4.31872	0.38113	3.05371	-10.3097	2.56228	1.42645
-23	8.4892	4.73834	0.37288	2.3859	-5.61212	2.98785	-0.12645
-22	10.18627	4.84251	0.72592	1.87258	-2.88342	3.22691	-2.491
-21	11.63612	4.6514	1.93094	1.70473	-1.31697	3.19046	-6.18562
-20	12.83828	4.1916	3.89124	1.92932	-0.53704	2.8066	-12.2071
-19	13.80265	3.51431	6.09621	2.39857	-0.30928	1.99558	-13.5028
-18	14.5401	2.72655	8.18278	2.89037	-0.32148	0.63986	-7.59739
-17	15.05921	2.02277	10.01326	3.22505	0.0092	-1.47037	-4.10163
-16	15.36534	1.65073	11.55945	3.2851	1.30309	-4.77933	-2.14806
-15	15.46035	1.74386	12.82989	2.98728	3.45175	-10.4098	-1.16455
-14	15.34261	2.183	13.84147	2.24942	5.83493	-16.245	-0.84233
-13	15.00708	2.70681	14.6101	0.95562	8.04948	-9.26202	-0.82394
-12	14.4454	3.08956	15.14804	-1.10126	9.96431	-4.98801	-0.44835
-11	13.64647	3.18819	15.46344	-4.37201	11.56415	-2.71948	0.98254
-10	12.59813	2.90901	15.5605	-10.1547	12.86708	-1.59823	3.29856

-9	11.29189	2.16496	15.43979	-19.5118	13.89624	-1.2242	5.79993
-8	9.73556	0.83371	15.09855	-10.1106	14.67164	-1.17784	8.08121
-7	7.98308	-1.30934	14.53116	-5.32953	15.20848	-0.70765	10.02965
-6	6.19024	-4.77786	13.73011	-2.94238	15.51713	0.90747	11.64311
-5	4.65551	-11.2618	12.68823	-1.80473	15.60372	3.37338	12.94718
-4	3.67821	-23.3471	11.4042	-1.44578	15.47061	5.94218	13.96933
-3	3.22763	-9.82651	9.89499	-1.37882	15.11694	8.23992	14.73232
-2	2.93346	-5.16478	8.2217	-0.76698	14.53925	10.18065	15.25326
-1	2.40062	-2.90082	6.52894	1.04899	13.73266	11.77517	15.54403
0	1.32617	-1.86649	5.05664	3.61504	12.69323	13.05493	15.61206
1	-0.60664	-1.57898	4.01754	6.18893	11.42329	14.05032	15.46095
2	-3.97233	-1.49627	3.37508	8.45294	9.94267	14.7858	15.09107
3	-10.0257	-0.72721	2.83804	10.34912	8.31003	15.27966	14.50022
4	-10.7596	1.25541	2.0656	11.89821	6.65219	15.54473	13.68475
5	-3.98462	3.86053	0.75635	13.13506	5.16816	15.58928	12.64173
6	0.00645	6.39428	-1.43804	14.09133	4.03401	15.41772	11.37367
7	2.46991	8.59701	-5.14514	14.79211	3.233	15.03113	9.89823
8	4.02002	10.43273	-11.0667	15.25614	2.53049	14.42797	8.26653
9	4.91938	11.92828	-9.04099	15.49671	1.61929	13.60489	6.58906
10	5.29156	13.11979	-3.30366	15.52262	0.20241	12.55862	5.04434
11	5.19194	14.03907	0.21734	15.33877	-2.07085	11.28977	3.80804
12	4.63411	14.71118	2.45175	14.94679	-5.79246	9.811	2.90088
13	3.60092	15.15497	3.87222	14.34544	-11.1607	8.16302	2.13201
14	2.05744	15.38401	4.69631	13.53136	-8.85361	6.43998	1.21374
15	0.0092	15.40751	5.03131	12.50025	-3.57322	4.8082	-0.14219
16	-2.22365	15.23096	4.92811	11.2497	-0.19503	3.46185	-2.25846
17	-3.37517	14.85657	4.4031	9.78533	1.99371	2.47865	-5.63604
18	-2.37497	14.28367	3.44954	8.13377	3.41344	1.71778	-10.6579
19	-0.49504	13.50907	2.05286	6.36659	4.26837	0.9064	-10.2252
20	1.12974	12.5278	0.24393	4.63007	4.66413	-0.23476	-4.94305
21	2.25028	11.33467	-1.70496	3.13762	4.65596	-1.98365	-1.34708
22	2.87731	9.92802	-2.89444	2.0508	4.27007	-4.71802	1.01132
23	3.0507	8.31827	-2.39937	1.31565	3.5163	-9.01066	2.57817
24	2.79407	6.54607	-0.88523	0.68385	2.40358	-12.5265	3.5784
25	2.10921	4.7141	0.62228	-0.12608	0.97728	-7.97995	4.13195
26	0.98098	3.0171	1.75509	-1.3575	-0.58029	-3.66725	4.30661
27	-0.59814	1.69648	2.46167	-3.2647	-1.77873	-0.82691	4.14232
28	-2.52194	0.8576	2.76194	-6.23364	-1.96202	1.08407	3.66524
29	-4.22596	0.34214	2.67857	-10.801	-1.13196	2.36677	2.90108
30	-4.49759	-0.14147	2.22313	-13.2741	0.05863	3.18093	1.89664
31	-3.14877	-0.8491	1.39793	-8.33862	1.12801	3.61838	0.76123
32	-1.37467	-1.97756	0.21145	-4.29754	1.90248	3.73655	-0.27385
33	0.1294	-3.72968	-1.27028	-1.61937	2.3461	3.57576	-0.86275
34	1.21749	-6.42319	-2.78054	0.20563	2.46285	3.1712	-0.78025
35	1.90021	-10.6386	-3.66477	1.45237	2.26303	2.56508	-0.1715
36	2.2088	-15.3047	-3.30358	2.27031	1.7555	1.82296	0.62229
37	2.16338	-11.4483	-2.03703	2.74868	0.952	1.05328	1.3449
38	1.76588	-6.80103	-0.60341	2.94643	-0.11386	0.41488	1.87399
39	0.99577	-3.75537	0.62108	2.90784	-1.33772	0.0753	2.16547
40	-0.19774	-1.69036	1.537	2.67267	-2.45323	0.11146	2.20852
41	-1.91214	-0.25566	2.14008	2.28475	-3.0041	0.45037	2.00442
42	-4.32018	0.73265	2.44691	1.80037	-2.67831	0.93259	1.55956
43	-7.66216	1.38163	2.47212	1.29469	-1.70211	1.41123	0.88724
44	-11.4137	1.76049	2.2216	0.85983	-0.53214	1.79208	0.01866

45	-10.9593	1.91931	1.68959	0.58555	0.54246	2.02627	-0.97185
46	-7.27586	1.89926	0.85527	0.5241	1.41127	2.09258	-1.9258
47	-4.28612	1.73939	-0.32349	0.6645	2.04892	1.98439	-2.58001
48	-2.16438	1.4815	-1.9227	0.94251	2.45964	1.70297	-2.6756
49	-0.65973	1.17332	-4.07697	1.27582	2.6548	1.25532	-2.18616
50	0.39807	0.86844	-7.02081	1.59362	2.64481	0.65594	-1.34083
51	1.11244	0.6212	-11.015	1.84718	2.43619	-0.06753	-0.40191
52	1.54778	0.47577	-14.2585	2.00774	2.03034	-0.86382	0.46908
53	1.7454	0.4538	-11.595	2.06067	1.42247	-1.64479	1.20153
54	1.73205	0.54853	-7.88101	2.0002	0.59993	-2.28078	1.7739
55	1.52469	0.73005	-5.19878	1.82595	-0.46057	-2.63013	2.186
56	1.13311	0.95787	-3.29531	1.54104	-1.7983	-2.61213	2.44544
57	0.56154	1.19284	-1.91908	1.1513	-3.47832	-2.26291	2.56177
58	-0.19016	1.40373	-0.91946	0.66553	-5.61058	-1.70421	2.54415
59		1.56882	-0.20481	0.09649	-8.38513	-1.06586	2.40039
59	-1.12505						
60	-2.24608	1.67466	0.28383	-0.53729	-12.0941	-0.44036	2.13672
61	-3.54833	1.71402	0.58643	-1.20915	-16.4039	0.12052	1.75766
62		1.68399	0.73135	-1.88206	-16.293	0.59323	1.26601
62	-4.99927						
63	-6.49367	1.58449	0.73945	-2.50839	-12.4776	0.97036	0.66282
64	-7.78162	1.41728	0.62661	-3.0343	-9.43079	1.2528	-0.05281
65		1.18531	0.40527	-3.41104	-7.26471	1.44537	-0.88391
65	-8.47212						
66	-8.32204	0.89228	0.08548	-3.61028	-5.68626	1.55452	-1.83604
67	-7.52586	0.54247	-0.32435	-3.63444	-4.50848	1.5872	-2.91785
68		0.14064	-0.81686	-3.51421	-3.61905	1.55033	-4.14181
68	-6.47041						
69	-5.41651	-0.30798	-1.38523	-3.29508	-2.94693	1.45054	-5.52518
70	-4.47298	-0.79768	-2.02265	-3.02267	-2.44446	1.29415	-7.09068
71		-1.32214	-2.7218	-2.734	-2.07797	1.08715	-8.86564
71	-3.6685						
72	-2.99998	-1.8744	-3.47414	-2.45501	-1.82258	0.83521	-10.8742
73	-2.45411	-2.44678	-4.26915	-2.20184	-1.65919	0.54378	-13.1035
74		-3.03087	-5.09342	-1.98335	-1.57263	0.2181	-15.3863
74	-2.01553						
75	-1.66971	-3.61763	-5.92975	-1.80341	-1.55049	-0.1367	-17.1468
76	-1.40375	-4.19759	-6.75659	-1.66269	-1.58238	-0.51561	-17.5259
77		-4.76126	-7.54824	-1.55997	-1.65939	-0.91366	-16.582
77	-1.20645						
78	-1.06815	-5.29968	-8.27669	-1.49287	-1.77377	-1.32592	-15.1848
79	-0.98052	-5.80502	-8.91523	-1.45848	-1.91864	-1.74747	-13.8592
80		-6.27132	-9.44371	-1.45361	-2.08787	-2.1734	-12.7453
80	-0.93631						
81	-0.92925	-6.695	-9.85336	-1.47505	-2.27592	-2.59882	-11.846
82	-0.95383	-7.07512	-10.149	-1.51967	-2.47781	-3.0189	-11.1321
83		-7.4133	-10.3473	-1.58452	-2.689	-3.42892	-10.5727
83	-1.00526						
84	-1.07934	-7.71338	-10.4719	-1.66687	-2.90541	-3.82428	-10.1416
85	-1.17243	-7.98073	-10.5485	-1.76425	-3.12339	-4.20062	-9.81827
86		-8.22158	-10.6006	-1.87447	-3.3397	-4.5539	-9.5866
86	-1.28139						
87	-1.40353						
87		-8.44235	-10.6475	-1.99563	-3.55151	-4.88045	-9.43424

88	-1.53664	-8.64905	-10.7042	-2.12614	-3.75641	-5.17708	-9.35176
89		-8.84696	-10.7815	-2.26472	-3.95241	-5.44113	-9.33211
89	-1.67891						
90	-1.82898						
90		-9.04029	-10.8866	-2.4104	-4.13793	-5.67059	-9.37015
91	-1.98591	-9.2321	-11.0246	-2.56258	-4.31182	-5.86408	-9.46244
92	-2.14917	-9.42413	-11.1979	-2.72094	-4.47337	-6.02094	-9.60698
93	-2.31869						
93		-9.61676	-11.4076	-2.88554	-4.62228	-6.14119	-9.80318
94	-2.4948	-9.80891	-11.6527	-3.05678	-4.75872	-6.22555	-10.0518
95	-2.67834	-9.99797	-11.9302	-3.23541	-4.88328	-6.2754	-10.3549
96	-2.87059						
96		-10.1797	-12.234	-3.42256	-4.99699	-6.29275	-10.7162
97	-3.07333	-10.3481	-12.5546	-3.61974	-5.10137	-6.28017	-11.1409
98	-3.2889	-10.4958	-12.8768	-3.82884	-5.19838	-6.24072	-11.6359
99	-3.52018						
99		-10.6138	-13.1793	-4.05218	-5.29046	-6.17793	-12.2106
100	-3.77069	-10.6927	-13.4336	-4.29252	-5.38055	-6.09566	-12.8763
101	-4.04464	-10.7232	-13.6058	-4.55307	-5.4721	-5.99813	-13.6468
102	-4.34702						
102		-10.6972	-13.6612	-4.83758	-5.56906	-5.88979	-14.5376
103	-4.68374	-10.6097	-13.5728	-5.15031	-5.67599	-5.77531	-15.5626
104	-5.06176	-10.4592	-13.3295	-5.49614	-5.79804	-5.65957	-16.7246
105	-5.48935						
105		-10.2487	-12.941	-5.88058	-5.94104	-5.54761	-17.9891
106	-5.97637	-9.98544	-12.4345	-6.30986	-6.1116	-5.44464	-19.2213
107	-6.5347	-9.67984	-11.847	-6.79088	-6.31726	-5.35607	-20.0955
108	-7.1788						
108		-9.3446	-11.2165	-7.33121	-6.56663	-5.28751	-20.1606
109	-7.92646	-8.99327	-10.5763	-7.93881	-6.86974	-5.24487	-19.2833
110	-8.7998	-8.63936	-9.9533	-8.62151	-7.23841	-5.23437	-17.8316
111	-9.82624						
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112	-11.0389	-7.97352	-8.83482	-10.2334	-8.2324	-5.33708	-14.698
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117	-18.2764						
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118	-17.3614	-7.02806	-7.30407	-14.4015	-15.5126	-7.28183	-8.72246
119	-15.6447	-7.11198	-7.41329	-13.9952	-18.1	-7.98193	-8.21474
120	-13.8929						
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121	-12.381	-7.56125	-8.06104	-12.4728	-23.1012	-9.90459	-7.58505
122	-11.1551	-7.94558	-8.64474	-11.6682	-21.082	-11.204	-7.46916
123	-10.2007						
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125	-9.0251	-9.86621	-11.9275	-9.94184	-13.4193	-16.9229	-8.02147
126	-8.77958						
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127	-8.76014	-11.8821	-16.3277	-9.56839	-10.8583	-19.4594	-9.32215

128	-8.97637	-13.1057	-19.7099	-9.64262	-10.084	-18.1659	-10.3525
129		-14.4163	-23.1042	-9.90421	-9.5898	-16.2858	-11.7205
129	-9.44854						
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131	-11.318	-16.756	-18.5936	-11.0524	-9.38495	-13.3284	-15.9829
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134	-17.8217	-17.488	-12.4594	-14.7321	-11.2002	-11.5891	-24.7751
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137	-20.3563	-17.6598	-11.0716	-21.0145	-17.2075	-12.6986	-15.7658
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141		-23.3622	-15.034	-20.2578	-22.49	-20.4502	-13.4561
141	-13.2026						
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144	-13.8936						
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164	-18.4393	-27.3957	-29.6535	-19.2013	-20.7574	-25.4347	-22.0999
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