

Run: 1

Table:curve

SWAN version:41.20A

Xp [m]	Yp [m]	Hsig [m]	TPsmoo [sec]	RTpeak [sec]	Tm_10 [sec]	Dir [degr]	Dspr [degr]	Depth [m]	Setup [m]
0.	0.	4.52494	13.6374	13.8874	12.3215	0.000	31.5548	8.2760	-0.014030
1.	0.	4.53525	13.6419	13.8874	12.1403	0.000	31.6079	8.2765	-0.013505
2.	0.	4.54296	13.6460	13.8874	11.9753	0.000	31.6503	8.2871	-0.012869
3.	0.	4.54977	13.6498	13.8874	11.8290	0.000	31.6834	8.2877	-0.012324
4.	0.	4.55392	13.6531	13.8874	11.6994	0.000	31.7089	8.2983	-0.011669
5.	0.	4.55776	13.6561	13.8874	11.5832	0.000	31.7287	8.2989	-0.011104
6.	0.	4.55949	13.6587	13.8874	11.4786	0.000	31.7439	8.3096	-0.010434
7.	0.	4.56057	13.6611	13.8874	11.3850	0.000	31.7377	8.3101	-0.009855
8.	0.	4.56099	13.6632	13.8874	11.3003	0.000	31.7412	8.3107	-0.009269
9.	0.	4.55978	13.6651	13.8874	11.2231	0.000	31.7443	8.3214	-0.008585
10.	0.	4.55872	13.6669	13.8874	11.1533	0.000	31.7459	8.3220	-0.007999
11.	0.	4.55621	13.6684	13.8874	11.0890	0.000	31.7464	8.3327	-0.007315
12.	0.	4.55398	13.6699	13.8874	11.0305	0.000	31.7451	8.3333	-0.006729
13.	0.	4.55047	13.6712	13.8874	10.9761	0.000	31.7430	8.3440	-0.006050
14.	0.	4.54693	13.6724	13.8874	10.9265	0.000	31.7232	8.3445	-0.005464
15.	0.	4.54333	13.6735	13.8874	10.8804	0.000	31.7152	8.3451	-0.004883
16.	0.	4.53868	13.6745	13.8874	10.8372	0.000	31.7082	8.3558	-0.004211
17.	0.	4.53457	13.6754	13.8874	10.7975	0.000	31.7015	8.3564	-0.003638
18.	0.	4.52946	13.6763	13.8874	10.7599	0.000	31.6950	8.3670	-0.002976
19.	0.	4.52451	13.6770	13.8874	10.7254	0.000	31.6723	8.3676	-0.002409
20.	0.	4.52052	13.6778	13.8874	10.6892	0.000	31.6655	8.3682	-0.001846
21.	0.	4.51591	13.6784	13.8874	10.6532	0.000	31.6609	8.3788	-0.001196
22.	0.	4.51197	13.6790	13.8874	10.6194	0.000	31.6569	8.3794	-0.000641
23.	0.	4.50719	13.6795	13.8874	10.5866	0.000	31.6533	8.3900	0.000000
24.	0.	4.50262	13.6800	13.8874	10.5561	0.000	31.6341	8.3905	0.000549
25.	0.	4.49753	13.6804	13.8874	10.5270	0.000	31.5999	8.3911	0.001097
26.	0.	4.49288	13.6808	13.8874	10.5000	0.000	31.5604	8.3816	0.001555
27.	0.	4.48764	13.6812	13.8874	10.4736	0.000	31.5309	8.3821	0.002099
28.	0.	4.48236	13.6815	13.8874	10.4483	0.000	31.5039	8.3826	0.002640
29.	0.	4.47701	13.6818	13.8874	10.4242	0.000	31.4782	8.3832	0.003177
30.	0.	4.47160	13.6820	13.8874	10.4011	0.000	31.4529	8.3837	0.003710
31.	0.	4.46612	13.6822	13.8874	10.3790	0.000	31.4279	8.3842	0.004239
32.	0.	4.46058	13.6824	13.8874	10.3578	0.000	31.4032	8.3848	0.004765
33.	0.	4.45500	13.6826	13.8874	10.3375	0.000	31.3787	8.3853	0.005285
34.	0.	4.44936	13.6827	13.8874	10.3180	0.000	31.3544	8.3858	0.005802
35.	0.	4.44370	13.6828	13.8874	10.2992	0.000	31.3304	8.3863	0.

60.	0.	4.29796	13.6823	13.8874	9.9904	0.001	30.4578	8.2770	0.016984
61.	0.	4.29230	13.6822	13.8874	9.9827	0.001	30.4007	8.2573	0.017271
62.	0.	4.28719	13.6821	13.8874	9.9701	0.001	30.3573	8.2476	0.017641
63.	0.	4.28222	13.6821	13.8874	9.9563	0.001	30.3103	8.2380	0.018014
64.	0.	4.27786	13.6820	13.8874	9.9431	0.001	30.2633	8.2183	0.018309
65.	0.	4.27281	13.6819	13.8874	9.9291	0.001	30.2167	8.2087	0.018690
66.	0.	4.26830	13.6818	13.8874	9.9161	0.001	30.1696	8.1890	0.018992
67.	0.	4.26329	13.6818	13.8874	9.9025	0.001	30.1303	8.1794	0.019378
68.	0.	4.25809	13.6817	13.8874	9.8891	0.001	30.0862	8.1698	0.019765
69.	0.	4.25338	13.6817	13.8874	9.8768	0.001	30.0401	8.1501	0.020074
70.	0.	4.24816	13.6816	13.8874	9.8639	0.001	30.0013	8.1405	0.020466
71.	0.	4.24275	13.6816	13.8874	9.8512	0.001	29.9576	8.1309	0.020859
72.	0.	4.23784	13.6815	13.8874	9.8395	0.001	29.9119	8.1112	0.021174
73.	0.	4.23243	13.6815	13.8874	9.8272	0.001	29.8735	8.1016	0.021572
74.	0.	4.22682	13.6815	13.8874	9.8152	0.001	29.8305	8.0920	0.021972
75.	0.	4.22129	13.6814	13.8874	9.8054	0.000	29.7882	8.0723	0.022307
76.	0.	4.21495	13.6814	13.8874	9.7961	360.000	29.7546	8.0627	0.022735
77.	0.	4.20827	13.6814	13.8874	9.7874	360.000	29.7166	8.0532	0.023168
78.	0.	4.20206	13.6814	13.8874	9.7799	359.999	29.6764	8.0335	0.023522
79.	0.	4.19523	13.6814	13.8874	9.7722	359.998	29.6428	8.0240	0.023962
80.	0.	4.18826	13.6813	13.8874	9.7646	359.999	29.6044	8.0144	0.024402
81.	0.	4.18257	13.6814	13.8874	9.7556	359.999	29.5613	7.9947	0.024737
82.	0.	4.17660	13.6813	13.8874	9.7454	359.998	29.5248	7.9851	0.025149
83.	0.	4.17015	13.6813	13.8874	9.7363	359.994	29.4847	7.9756	0.025573
84.	0.	4.16418	13.6814	13.8874	9.7283	359.989	29.4426	7.9559	0.025916
85.	0.	4.15757	13.6814	13.8874	9.7195	359.983	29.4004	7.9463	0.026343
86.	0.	4.15148	13.6814	13.8874	9.7119	359.977	29.3572	7.9267	0.026690
87.	0.	4.14490	13.6814	13.8874	9.7035	359.970	29.3214	7.9171	0.027120
88.	0.	4.13836	13.6814	13.8874	9.6954	359.963	29.2881	7.9075	0.027550
89.	0.	4.13184	13.6814	13.8874	9.6873	359.956	29.2557	7.8980	0.027978
90.	0.	4.12531	13.6814	13.8874	9.6794	359.949	29.2237	7.8884	0.028404
91.	0.	4.11879	13.6814	13.8874	9.6716	359.942	29.1919	7.8788	0.028830
92.	0.	4.11226	13.6815	13.8874	9.6639	359.935	29.1603	7.8693	0.029255
93.	0.	4.10573	13.6815	13.8874	9.6563	359.928	29.1288	7.8597	0.029679
94.	0.	4.09920	13.6815	13.8874	9.6488	359.922	29.0975	7.8501	0.030101
95.	0.	4.09306	13.6815	13.8874	9.6403	359.919	29.0654	7.8405	0.030511
96.	0.	4.08702	13.6816	13.8874	9.6314	359.918	29.0332	7.8309	0.030917
97.	0.	4.08087	13.6816	13.8874	9.6226	359.918	28.9941	7.8213	0.031321
98.	0.	4.07523	13.6816	13.8874	9.6147	359.917	28.9525	7.8016	0.031645
99.	0.	4.06910	13.6816	13.8874	9.6060	359.917	28.9174	7.7921	0.032051
100.	0.	4.06299	13.6817	13.8874	9.5974	359.917	28.8846	7.7825	0.032458
101.	0.	4.05689	13.6817	13.8874	9.5890	359.917	28.8527	7.7729	0.032864
102.	0.	4.05078	13.6817	13.8874	9.5806	359.916	28.8211	7.7633	0.033269
103.	0.	4.04466	13.6818	13.8874	9.5724	359.916	28.7899	7.7537	0.033674
104.	0.	4.03853	13.6818	13.8874	9.5643	359.916	28.7589	7.7441	0.034078
105.	0.	4.03239	13.6819	13.8874	9.5564	359.916	28.7281	7.7345	0.034482
106.	0.	4.02625	13.6819	13.8874	9.5485	359.916	28.6975	7.7249	0.034885
107.	0.	4.02009	13.6819	13.8874	9.5407	359.916	28.6671	7.7153	0.035288
108.	0.	4.01379	13.6820	13.8874	9.5330	359.915	28.6302	7.7057	0.035690
109.	0.	4.00799	13.6820	13.8874	9.5264	359.915	28.5907	7.6860	0.036012
110.	0.	4.00170	13.6821	13.8874	9.5189	359.915	28.5578	7.6764	0.036417
111.	0.	3.99544	13.6821	13.8874	9.5114	359.916	28.5270	7.6668	0.036821
112.	0.	3.98919	13.6821	13.8874	9.5041	359.916	28.4971	7.6572	0.037225
113.	0.	3.98281	13.6822	13.8874	9.4969	359.916	28.4610	7.6476	0.037628
114.	0.	3.97693	13.6822	13.8874	9.4907	359.916	28.4224	7.6280	0.037951
115.	0.	3.97057	13.6823	13.8874	9.4836	359.916	28.3904	7.6184	0.038357
116.	0.	3.96424	13.6823	13.8874	9.4766	359.917	28.3604	7.6088	0.038763
117.	0.	3.95802	13.6824	13.8874	9.4693	359.916	28.3314	7.5992	0.039167
118.	0.	3.95179	13.6824	13.8874	9.4614	359.916	28.2964	7.5896	0.039570
119.	0.	3.94610	13.6825	13.8874	9.4545	359.917	28.2587	7.5699	0.039894
120.	0.	3.94004	13.6825	13.8874	9.4468	359.919	28.2338	7.5603	0.040301
121.	0.	3.93362	13.6826	13.8874	9.4382	359.920	28.2206	7.5608	0.040787
122.	0.	3.92718	13.6826	13.8874	9.4298	359.922	28.2043	7.5613	0.041267
123.	0.	3.92130	13.6827	13.8874	9.4226	359.925	28.1867	7.5517	0.041664
124.	0.	3.91499	13.6827	13.8874	9.4145	359.927	28.1763	7.5521	0.042138
125.	0.	3.90862	13.6828	13.8874	9.4066	359.931	28.1615	7.5526	0.042607
126.	0.	3.90271	13.6828	13.8874	9.4002	359.935	28.1455	7.5430	0.042997

127.	0.	3.89635	13.6829	13.8874	9.3930	359.939	28.1364	7.5435	0.043463
128.	0.	3.88994	13.6829	13.8874	9.3860	359.944	28.1227	7.5439	0.043924
129.	0.	3.88408	13.6830	13.8874	9.3802	359.949	28.1072	7.5343	0.044303
130.	0.	3.87779	13.6830	13.8874	9.3734	359.954	28.0986	7.5348	0.044758
131.	0.	3.87157	13.6831	13.8874	9.3669	359.960	28.0923	7.5352	0.045208
132.	0.	3.86529	13.6831	13.8874	9.3605	359.965	28.0800	7.5357	0.045652
133.	0.	3.85954	13.6832	13.8874	9.3553	359.970	28.0652	7.5260	0.046016
134.	0.	3.85330	13.6832	13.8874	9.3494	359.975	28.0572	7.5265	0.046456
135.	0.	3.84701	13.6833	13.8874	9.3437	359.980	28.0445	7.5269	0.046891
136.	0.	3.84127	13.6834	13.8874	9.3391	359.985	28.0297	7.5172	0.047245
137.	0.	3.83517	13.6834	13.8874	9.3334	359.989	28.0210	7.5177	0.047672
138.	0.	3.82903	13.6835	13.8874	9.3278	359.993	28.0078	7.5181	0.048094
139.	0.	3.82361	13.6835	13.8874	9.3229	359.998	27.9912	7.5084	0.048429
140.	0.	3.81793	13.6836	13.8874	9.3165	0.004	27.9804	7.5088	0.048834
141.	0.	3.81236	13.6836	13.8874	9.3102	0.010	27.9715	7.5092	0.049234
142.	0.	3.80686	13.6837	13.8874	9.3035	0.018	27.9567	7.5096	0.049624
143.	0.	3.80197	13.6838	13.8874	9.2977	0.028	27.9397	7.4999	0.049934
144.	0.	3.79674	13.6838	13.8874	9.2907	0.039	27.9294	7.5003	0.050316
145.	0.	3.79153	13.6839	13.8874	9.2836	0.050	27.9144	7.5007	0.050691
146.	0.	3.78691	13.6839	13.8874	9.2775	0.062	27.8972	7.4910	0.050987
147.	0.	3.78194	13.6840	13.8874	9.2702	0.075	27.8871	7.4914	0.051354
148.	0.	3.77706	13.6841	13.8874	9.2625	0.088	27.8729	7.4917	0.051714
149.	0.	3.77276	13.6841	13.8874	9.2559	0.101	27.8565	7.4820	0.051995
150.	0.	3.76810	13.6842	13.8874	9.2481	0.114	27.8464	7.4823	0.052348
151.	0.	3.76355	13.6842	13.8874	9.2403	0.127	27.8384	7.4827	0.052695
152.	0.	3.75895	13.6843	13.8874	9.2326	0.140	27.8249	7.4830	0.053038
153.	0.	3.75476	13.6844	13.8874	9.2259	0.153	27.8028	7.4733	0.053303
154.	0.	3.75050	13.6844	13.8874	9.2192	0.166	27.7779	7.4636	0.053569
155.	0.	3.74611	13.6845	13.8874	9.2126	0.179	27.7460	7.4538	0.053834
156.	0.	3.74209	13.6846	13.8874	9.2069	0.192	27.7052	7.4340	0.054026
157.	0.	3.73794	13.6847	13.8874	9.2008	0.206	27.6562	7.4142	0.054219
158.	0.	3.73425	13.6848	13.8874	9.1957	0.221	27.6052	7.3843	0.054343
159.	0.	3.73011	13.6849	13.8874	9.1892	0.238	27.5606	7.3645	0.054547
160.	0.	3.72595	13.6850	13.8874	9.1827	0.256	27.5177	7.3448	0.054755
161.	0.	3.72174	13.6851	13.8874	9.1762	0.274	27.4754	7.3250	0.054967
162.	0.	3.71749	13.6851	13.8874	9.1696	0.292	27.4336	7.3052	0.055183
163.	0.	3.71318	13.6852	13.8874	9.1630	0.310	27.3922	7.2854	0.055403
164.	0.	3.70872	13.6853	13.8874	9.1563	0.328	27.3454	7.2656	0.055628
165.	0.	3.70471	13.6854	13.8874	9.1507	0.347	27.2963	7.2358	0.055781
166.	0.	3.70016	13.6855	13.8874	9.1439	0.366	27.2528	7.2160	0.056017
167.	0.	3.69559	13.6857	13.8874	9.1370	0.385	27.2110	7.1963	0.056258
168.	0.	3.69098	13.6858	13.8874	9.1301	0.405	27.1698	7.1765	0.056503
169.	0.	3.68632	13.6859	13.8874	9.1232	0.424	27.1289	7.1568	0.056751
170.	0.	3.68151	13.6860	13.8874	9.1162	0.445	27.0825	7.1370	0.057004
171.	0.	3.67714	13.6861	13.8874	9.1104	0.465	27.0334	7.1072	0.057184
172.	0.	3.67221	13.6862	13.8874	9.1033	0.485	26.9895	7.0875	0.057450
173.	0.	3.66725	13.6863	13.8874	9.0963	0.506	26.9470	7.0677	0.057719
174.	0.	3.66226	13.6864	13.8874	9.0893	0.527	26.9053	7.0480	0.057993
175.	0.	3.65719	13.6866	13.8874	9.0823	0.548	26.8633	7.0283	0.058271
176.	0.	3.65198	13.6867	13.8874	9.0752	0.569	26.8158	7.0086	0.058553
177.	0.	3.64721	13.6868	13.8874	9.0692	0.590	26.7656	6.9788	0.058760
178.	0.	3.64188	13.6869	13.8874	9.0621	0.611	26.7207	6.9591	0.059054
179.	0.	3.63652	13.6871	13.8874	9.0550	0.633	26.6773	6.9394	0.059353
180.	0.	3.63111	13.6872	13.8874	9.0479	0.654	26.6343	6.9197	0.059656
181.	0.	3.62564	13.6873	13.8874	9.0408	0.676	26.5913	6.9000	0.059964
182.	0.	3.62012	13.6874	13.8874	9.0337	0.697	26.5484	6.8803	0.060275
183.	0.	3.61446	13.6876	13.8874	9.0265	0.719	26.5000	6.8606	0.060590
184.	0.	3.60925	13.6877	13.8874	9.0205	0.740	26.4487	6.8308	0.060828
185.	0.	3.60347	13.6878	13.8874	9.0133	0.762	26.4030	6.8112	0.061156
186.	0.	3.59766	13.6880	13.8874	9.0061	0.783	26.3588	6.7915	0.061488
187.	0.	3.59172	13.6881	13.8874	8.9988	0.805	26.3095	6.7718	0.061824
188.	0.	3.58625	13.6883	13.8874	8.9927	0.826	26.2578	6.7421	0.062082
189.	0.	3.58020	13.6884	13.8874	8.9853	0.848	26.2116	6.7224	0.062430
190.	0.	3.57404	13.6885	13.8874	8.9779	0.870	26.1616	6.7028	0.062783
191.	0.	3.56835	13.6887	13.8874	8.9717	0.891	26.1094	6.6731	0.063057
192.	0.	3.56207	13.6888	13.8874	8.9643	0.912	26.0630	6.6534	0.063424
193.	0.	3.55568	13.6890	13.8874	8.9567	0.933	26.0128	6.6338	0.063795

194.	0.	3.54978	13.6891	13.8874	8.9504	0.954	25.9604	6.6041	0.064086
195.	0.	3.54329	13.6892	13.8874	8.9429	0.975	25.9139	6.5845	0.064470
196.	0.	3.53670	13.6894	13.8874	8.9352	0.997	25.8635	6.5649	0.064858
197.	0.	3.53058	13.6895	13.8874	8.9289	1.018	25.8110	6.5352	0.065165
198.	0.	3.52389	13.6897	13.8874	8.9212	1.039	25.7644	6.5156	0.065566
199.	0.	3.51710	13.6898	13.8874	8.9134	1.060	25.7140	6.4960	0.065970
200.	0.	3.51079	13.6899	13.8874	8.9069	1.081	25.6615	6.4663	0.066293
201.	0.	3.50391	13.6901	13.8874	8.8990	1.103	25.6150	6.4467	0.066711
202.	0.	3.49692	13.6902	13.8874	8.8911	1.124	25.5646	6.4271	0.067132
203.	0.	3.49046	13.6903	13.8874	8.8844	1.145	25.5119	6.3975	0.067468
204.	0.	3.48343	13.6905	13.8874	8.8764	1.167	25.4652	6.3779	0.067899
205.	0.	3.47638	13.6906	13.8874	8.8683	1.188	25.4203	6.3583	0.068334
206.	0.	3.46923	13.6907	13.8874	8.8601	1.210	25.3704	6.3388	0.068771
207.	0.	3.46266	13.6909	13.8874	8.8531	1.231	25.3177	6.3091	0.069118
208.	0.	3.45544	13.6910	13.8874	8.8448	1.253	25.2712	6.2896	0.069567
209.	0.	3.44821	13.6911	13.8874	8.8364	1.275	25.2266	6.2700	0.070020
210.	0.	3.44085	13.6913	13.8874	8.8281	1.297	25.1772	6.2505	0.070475
211.	0.	3.43405	13.6914	13.8874	8.8209	1.318	25.1250	6.2208	0.070841
212.	0.	3.42665	13.6915	13.8874	8.8123	1.340	25.0787	6.2013	0.071309
213.	0.	3.41921	13.6916	13.8874	8.8033	1.362	25.0284	6.1818	0.071778
214.	0.	3.41243	13.6918	13.8874	8.7956	1.384	24.9813	6.1522	0.072156
215.	0.	3.40444	13.6919	13.8874	8.7852	1.407	24.9441	6.1427	0.072732
216.	0.	3.39710	13.6920	13.8874	8.7762	1.430	24.9088	6.1232	0.073214
217.	0.	3.38918	13.6921	13.8874	8.7657	1.453	24.8760	6.1138	0.073791
218.	0.	3.38185	13.6922	13.8874	8.7566	1.476	24.8370	6.0943	0.074268
219.	0.	3.37458	13.6924	13.8874	8.7473	1.499	24.8022	6.0747	0.074748
220.	0.	3.36679	13.6925	13.8874	8.7363	1.524	24.7701	6.0653	0.075321
221.	0.	3.35964	13.6926	13.8874	8.7268	1.549	24.7379	6.0458	0.075798
222.	0.	3.35187	13.6927	13.8874	8.7159	1.574	24.7077	6.0364	0.076370
223.	0.	3.34466	13.6928	13.8874	8.7064	1.599	24.6715	6.0168	0.076845
224.	0.	3.33747	13.6929	13.8874	8.6969	1.625	24.6401	5.9973	0.077324
225.	0.	3.32965	13.6930	13.8874	8.6860	1.653	24.6117	5.9879	0.077901
226.	0.	3.32223	13.6931	13.8874	8.6770	1.682	24.5783	5.9684	0.078390
227.	0.	3.31477	13.6932	13.8874	8.6682	1.713	24.5496	5.9489	0.078885
228.	0.	3.30682	13.6933	13.8874	8.6577	1.746	24.5239	5.9395	0.079474
229.	0.	3.29940	13.6934	13.8874	8.6488	1.781	24.4983	5.9200	0.079971
230.	0.	3.29135	13.6935	13.8874	8.6386	1.817	24.4747	5.9106	0.080565
231.	0.	3.28379	13.6936	13.8874	8.6300	1.854	24.4449	5.8911	0.081064
232.	0.	3.27629	13.6937	13.8874	8.6213	1.891	24.4194	5.8716	0.081564
233.	0.	3.26824	13.6938	13.8874	8.6110	1.929	24.3968	5.8622	0.082159
234.	0.	3.26070	13.6939	13.8874	8.6023	1.967	24.3688	5.8427	0.082660
235.	0.	3.25321	13.6940	13.8874	8.5936	2.006	24.3448	5.8232	0.083161
236.	0.	3.24519	13.6941	13.8874	8.5832	2.046	24.3241	5.8138	0.083757
237.	0.	3.23776	13.6942	13.8874	8.5744	2.087	24.3038	5.7943	0.084259
238.	0.	3.22980	13.6943	13.8874	8.5639	2.128	24.2856	5.7849	0.084853
239.	0.	3.22238	13.6944	13.8874	8.5552	2.171	24.2673	5.7654	0.085354
240.	0.	3.21440	13.6945	13.8874	8.5449	2.214	24.2509	5.7559	0.085948
241.	0.	3.20697	13.6946	13.8874	8.5363	2.257	24.2340	5.7365	0.086450
242.	0.	3.19898	13.6947	13.8874	8.5261	2.302	24.2190	5.7270	0.087047
243.	0.	3.19157	13.6948	13.8874	8.5175	2.347	24.2038	5.7075	0.087549
244.	0.	3.18364	13.6949	13.8874	8.5072	2.393	24.1901	5.6981	0.088142
245.	0.	3.17625	13.6950	13.8874	8.4986	2.440	24.1757	5.6786	0.088643
246.	0.	3.16843	13.6951	13.8874	8.4883	2.487	24.1681	5.6692	0.089236
247.	0.	3.16059	13.6952	13.8874	8.4781	2.534	24.1571	5.6598	0.089823
248.	0.	3.15325	13.6953	13.8874	8.4696	2.580	24.1440	5.6403	0.090319
249.	0.	3.14538	13.6954	13.8874	8.4595	2.626	24.1312	5.6309	0.090906
250.	0.	3.13801	13.6955	13.8874	8.4512	2.672	24.1173	5.6114	0.091401
251.	0.	3.13007	13.6956	13.8874	8.4416	2.714	24.1077	5.6020	0.091992
252.	0.	3.12211	13.6957	13.8874	8.4321	2.756	24.0944	5.5926	0.092578
253.	0.	3.11478	13.6958	13.8874	8.4239	2.798	24.0786	5.5731	0.093069
254.	0.	3.10699	13.6959	13.8874	8.4138	2.841	24.0634	5.5636	0.093649
255.	0.	3.09958	13.6960	13.8874	8.4057	2.880	24.0449	5.5441	0.094142
256.	0.	3.09180	13.6961	13.8874	8.3956	2.920	24.0330	5.5347	0.094725
257.	0.	3.08402	13.6962	13.8874	8.3855	2.958	24.0176	5.5253	0.095302
258.	0.	3.07673	13.6963	13.8874	8.3773	2.996	23.9993	5.5058	0.095789
259.	0.	3.06894	13.6964	13.8874	8.3672	3.033	23.9822	5.4964	0.096366
260.	0.	3.06162	13.6965	13.8874	8.3590	3.069	23.9633	5.4769	0.096853

261.	0.	3.05388	13.6966	13.8874	8.3491	3.106	23.9514	5.4674	0.097432
262.	0.	3.04612	13.6967	13.8874	8.3392	3.142	23.9353	5.4580	0.098006
263.	0.	3.03875	13.6968	13.8874	8.3314	3.175	23.9158	5.4385	0.098492
264.	0.	3.03086	13.6969	13.8874	8.3219	3.207	23.8969	5.4291	0.099069
265.	0.	3.02332	13.6970	13.8874	8.3146	3.235	23.8753	5.4096	0.099562
266.	0.	3.01539	13.6971	13.8874	8.3054	3.265	23.8608	5.4001	0.100145
267.	0.	3.00743	13.6972	13.8874	8.2963	3.293	23.8421	5.3907	0.100723
268.	0.	2.99990	13.6973	13.8874	8.2892	3.318	23.8201	5.3712	0.101213
269.	0.	2.99193	13.6974	13.8874	8.2801	3.344	23.7991	5.3618	0.101790
270.	0.	2.98435	13.6975	13.8874	8.2732	3.368	23.7760	5.3423	0.102282
271.	0.	2.97640	13.6976	13.8874	8.2643	3.394	23.7600	5.3329	0.102861
272.	0.	2.96824	13.6977	13.8874	8.2557	3.416	23.7279	5.3234	0.103437
273.	0.	2.96094	13.6979	13.8874	8.2534	3.426	23.6663	5.2838	0.103755
274.	0.	2.95328	13.6980	13.8874	8.2511	3.434	23.5947	5.2441	0.104090
275.	0.	2.94538	13.6981	13.8874	8.2488	3.442	23.5181	5.2044	0.104440
276.	0.	2.93711	13.6983	13.8874	8.2466	3.446	23.4324	5.1648	0.104811
277.	0.	2.92896	13.6984	13.8874	8.2463	3.448	23.3399	5.1151	0.105113
278.	0.	2.92010	13.6986	13.8874	8.2439	3.453	23.2528	5.0755	0.105534
279.	0.	2.91100	13.6987	13.8874	8.2414	3.458	23.1660	5.0360	0.105977
280.	0.	2.90162	13.6989	13.8874	8.2389	3.462	23.0785	4.9964	0.106445
281.	0.	2.89198	13.6990	13.8874	8.2362	3.467	22.9900	4.9569	0.106936
282.	0.	2.88207	13.6992	13.8874	8.2335	3.471	22.9002	4.9175	0.107451
283.	0.	2.87185	13.6994	13.8874	8.2307	3.474	22.8096	4.8780	0.107992
284.	0.	2.86132	13.6995	13.8874	8.2281	3.476	22.7184	4.8386	0.108560
285.	0.	2.85057	13.6997	13.8874	8.2253	3.478	22.6255	4.7991	0.109148
286.	0.	2.83952	13.6999	13.8874	8.2224	3.479	22.5250	4.7598	0.109757
287.	0.	2.82873	13.7001	13.8874	8.2215	3.477	22.4184	4.7103	0.110283
288.	0.	2.81704	13.7003	13.8874	8.2183	3.478	22.3191	4.6710	0.110957
289.	0.	2.80517	13.7005	13.8874	8.2151	3.480	22.2269	4.6317	0.111659
290.	0.	2.79266	13.7007	13.8874	8.2095	3.486	22.1528	4.6025	0.112499
291.	0.	2.77966	13.7009	13.8874	8.2016	3.497	22.0933	4.5835	0.113459
292.	0.	2.76674	13.7011	13.8874	8.1938	3.508	22.0386	4.5644	0.114417
293.	0.	2.75390	13.7013	13.8874	8.1860	3.520	21.9860	4.5454	0.115370
294.	0.	2.74112	13.7015	13.8874	8.1783	3.531	21.9343	4.5263	0.116318
295.	0.	2.72839	13.7017	13.8874	8.1706	3.543	21.8833	4.5073	0.117262
296.	0.	2.71572	13.7020	13.8874	8.1630	3.554	21.8328	4.4882	0.118201
297.	0.	2.70310	13.7022	13.8874	8.1556	3.564	21.7828	4.4691	0.119135
298.	0.	2.69043	13.7024	13.8874	8.1483	3.573	21.7269	4.4501	0.120065
299.	0.	2.67826	13.7026	13.8874	8.1435	3.580	21.6665	4.4209	0.120889
300.	0.	2.66557	13.7029	13.8874	8.1364	3.589	21.6144	4.4018	0.121827
301.	0.	2.65293	13.7031	13.8874	8.1294	3.599	21.5646	4.3828	0.122762
302.	0.	2.64047	13.7033	13.8874	8.1224	3.611	21.5290	4.3637	0.123695
303.	0.	2.62711	13.7036	13.8874	8.1113	3.628	21.5094	4.3648	0.124834
304.	0.	2.61467	13.7038	13.8874	8.1026	3.643	21.4925	4.3558	0.125833
305.	0.	2.60201	13.7040	13.8874	8.0919	3.662	21.4870	4.3569	0.126915
306.	0.	2.58967	13.7042	13.8874	8.0814	3.679	21.4782	4.3580	0.127959
307.	0.	2.57818	13.7044	13.8874	8.0733	3.695	21.4667	4.3489	0.128867
308.	0.	2.56643	13.7046	13.8874	8.0631	3.713	21.4645	4.3499	0.129858
309.	0.	2.55503	13.7048	13.8874	8.0532	3.731	21.4655	4.3508	0.130818
310.	0.	2.54387	13.7050	13.8874	8.0435	3.747	21.4607	4.3517	0.131746
311.	0.	2.53347	13.7052	13.8874	8.0363	3.761	21.4516	4.3425	0.132548
312.	0.	2.52280	13.7054	13.8874	8.0270	3.778	21.4517	4.3434	0.133432
313.	0.	2.51236	13.7055	13.8874	8.0179	3.793	21.4475	4.3443	0.134289
314.	0.	2.50267	13.7057	13.8874	8.0112	3.806	21.4393	4.3350	0.135024
315.	0.	2.49269	13.7059	13.8874	8.0023	3.822	21.4403	4.3358	0.135842
316.	0.	2.48292	13.7061	13.8874	7.9935	3.836	21.4369	4.3366	0.136636
317.	0.	2.47384	13.7063	13.8874	7.9873	3.848	21.4296	4.3273	0.137313
318.	0.	2.46446	13.7064	13.8874	7.9789	3.863	21.4314	4.3281	0.138074
319.	0.	2.45527	13.7066	13.8874	7.9706	3.877	21.4289	4.3288	0.138813
320.	0.	2.44674	13.7068	13.8874	7.9648	3.888	21.4224	4.3194	0.139439
321.	0.	2.43790	13.7069	13.8874	7.9567	3.903	21.4250	4.3201	0.140149
322.	0.	2.42924	13.7071	13.8874	7.9488	3.917	21.4233	4.3208	0.140839
323.	0.	2.42116	13.7073	13.8874	7.9433	3.926	21.4107	4.3114	0.141419
324.	0.	2.41301	13.7074	13.8874	7.9379	3.931	21.3824	4.3020	0.141992
325.	0.	2.40569	13.7076	13.8874	7.9375	3.929	21.3363	4.2724	0.142378
326.	0.	2.39777	13.7078	13.8874	7.9347	3.929	21.2948	4.2529	0.142870
327.	0.	2.38972	13.7080	13.8874	7.9321	3.929	21.2472	4.2334	0.143367

328.	0.	2.38203	13.7082	13.8874	7.9318	3.925	21.1940	4.2038	0.143779
329.	0.	2.37375	13.7084	13.8874	7.9293	3.925	21.1490	4.1843	0.144299
330.	0.	2.36536	13.7086	13.8874	7.9268	3.924	21.0996	4.1648	0.144825
331.	0.	2.35735	13.7088	13.8874	7.9268	3.921	21.0451	4.1353	0.145264
332.	0.	2.34881	13.7090	13.8874	7.9245	3.922	21.0051	4.1158	0.145813
333.	0.	2.33977	13.7092	13.8874	7.9197	3.927	20.9719	4.1065	0.146461
334.	0.	2.33130	13.7094	13.8874	7.9174	3.930	20.9375	4.0870	0.147009
335.	0.	2.32237	13.7096	13.8874	7.9127	3.936	20.9126	4.0777	0.147655
336.	0.	2.31356	13.7098	13.8874	7.9080	3.943	20.8903	4.0683	0.148294
337.	0.	2.30484	13.7100	13.8874	7.9034	3.950	20.8690	4.0589	0.148925
338.	0.	2.29616	13.7102	13.8874	7.8989	3.955	20.8417	4.0495	0.149547
339.	0.	2.28803	13.7104	13.8874	7.8969	3.958	20.8096	4.0301	0.150069
340.	0.	2.27940	13.7106	13.8874	7.8926	3.964	20.7856	4.0207	0.150690
341.	0.	2.27087	13.7108	13.8874	7.8883	3.970	20.7637	4.0113	0.151303
342.	0.	2.26238	13.7110	13.8874	7.8841	3.975	20.7362	4.0019	0.151909
343.	0.	2.25445	13.7112	13.8874	7.8823	3.978	20.7039	3.9824	0.152414
344.	0.	2.24600	13.7114	13.8874	7.8783	3.983	20.6797	3.9730	0.153019
345.	0.	2.23764	13.7116	13.8874	7.8743	3.989	20.6576	3.9636	0.153617
346.	0.	2.22937	13.7118	13.8874	7.8704	3.994	20.6363	3.9542	0.154208
347.	0.	2.22113	13.7120	13.8874	7.8666	3.998	20.6088	3.9448	0.154793
348.	0.	2.21345	13.7122	13.8874	7.8652	4.000	20.5765	3.9253	0.155276
349.	0.	2.20524	13.7124	13.8874	7.8616	4.005	20.5521	3.9159	0.155860
350.	0.	2.19711	13.7125	13.8874	7.8580	4.010	20.5298	3.9064	0.156439
351.	0.	2.18905	13.7127	13.8874	7.8544	4.015	20.5081	3.8970	0.157011
352.	0.	2.18101	13.7129	13.8874	7.8510	4.018	20.4802	3.8876	0.157577
353.	0.	2.17355	13.7131	13.8874	7.8500	4.019	20.4473	3.8680	0.158042
354.	0.	2.16554	13.7133	13.8874	7.8468	4.023	20.4225	3.8586	0.158609
355.	0.	2.15760	13.7135	13.8874	7.8435	4.027	20.3998	3.8492	0.159170
356.	0.	2.14969	13.7137	13.8874	7.8404	4.030	20.3712	3.8397	0.159725
357.	0.	2.14235	13.7139	13.8874	7.8397	4.030	20.3377	3.8202	0.160180
358.	0.	2.13445	13.7141	13.8874	7.8367	4.033	20.3126	3.8107	0.160737
359.	0.	2.12663	13.7143	13.8874	7.8338	4.037	20.2897	3.8013	0.161288
360.	0.	2.11887	13.7145	13.8874	7.8310	4.041	20.2675	3.7918	0.161835
361.	0.	2.11118	13.7147	13.8874	7.8282	4.045	20.2457	3.7824	0.162376
362.	0.	2.10361	13.7149	13.8874	7.8254	4.050	20.2307	3.7729	0.162912
363.	0.	2.09568	13.7151	13.8874	7.8204	4.062	20.2377	3.7735	0.163539
364.	0.	2.08745	13.7153	13.8874	7.8130	4.076	20.2544	3.7842	0.164243
365.	0.	2.08008	13.7155	13.8874	7.8079	4.088	20.2625	3.7848	0.164822
366.	0.	2.07295	13.7156	13.8874	7.8028	4.101	20.2778	3.7854	0.165385
367.	0.	2.06548	13.7158	13.8874	7.7955	4.116	20.2985	3.7960	0.166023
368.	0.	2.05881	13.7160	13.8874	7.7905	4.127	20.3090	3.7965	0.166542
369.	0.	2.05229	13.7161	13.8874	7.7855	4.138	20.3165	3.7970	0.167047
370.	0.	2.04598	13.7163	13.8874	7.7806	4.150	20.3330	3.7975	0.167538
371.	0.	2.03931	13.7164	13.8874	7.7734	4.165	20.3552	3.8081	0.168106
372.	0.	2.03340	13.7166	13.8874	7.7684	4.176	20.3670	3.8086	0.168561
373.	0.	2.02760	13.7167	13.8874	7.7636	4.186	20.3759	3.8090	0.169005
374.	0.	2.02192	13.7169	13.8874	7.7588	4.196	20.3841	3.8094	0.169437
375.	0.	2.01644	13.7170	13.8874	7.7540	4.208	20.4016	3.8099	0.169859
376.	0.	2.01054	13.7172	13.8874	7.7470	4.221	20.4239	3.8204	0.170358
377.	0.	2.00523	13.7173	13.8874	7.7427	4.225	20.4296	3.8208	0.170757
378.	0.	2.00015	13.7174	13.8874	7.7380	4.235	20.4395	3.8211	0.171140
379.	0.	1.99523	13.7176	13.8874	7.7334	4.246	20.4577	3.8215	0.171516
380.	0.	1.98991	13.7177	13.8874	7.7265	4.259	20.4816	3.8320	0.171966
381.	0.	1.98527	13.7178	13.8874	7.7219	4.270	20.4954	3.8323	0.172316
382.	0.	1.98069	13.7180	13.8874	7.7174	4.279	20.5061	3.8327	0.172658
383.	0.	1.97627	13.7181	13.8874	7.7129	4.290	20.5256	3.8330	0.172994
384.	0.	1.97145	13.7182	13.8874	7.7060	4.303	20.5509	3.8434	0.173403
385.	0.	1.96729	13.7183	13.8874	7.7013	4.312	20.5656	3.8437	0.173717
386.	0.	1.96318	13.7184	13.8874	7.6967	4.320	20.5775	3.8440	0.174024
387.	0.	1.95916	13.7186	13.8874	7.6923	4.332	20.5978	3.8443	0.174327
388.	0.	1.95474	13.7187	13.8874	7.6856	4.345	20.6239	3.8547	0.174703
389.	0.	1.95093	13.7188	13.8874	7.6813	4.355	20.6387	3.8550	0.174986
390.	0.	1.94715	13.7189	13.8874	7.6771	4.364	20.6503	3.8553	0.175265
391.	0.	1.94350	13.7190	13.8874	7.6728	4.376	20.6707	3.8555	0.175538
392.	0.	1.93944	13.7191	13.8874	7.6662	4.390	20.6976	3.8659	0.175885
393.	0.	1.93596	13.7192	13.8874	7.6618	4.400	20.7070	3.8661	0.176141
394.	0.	1.93291	13.7193	13.8874	7.6598	4.404	20.7004	3.8563	0.176315

395.	0.	1.92978	13.7194	13.8874	7.6581	4.406	20.6887	3.8465	0.176491
396.	0.	1.92658	13.7195	13.8874	7.6566	4.405	20.6736	3.8367	0.176670
397.	0.	1.92337	13.7197	13.8874	7.6549	4.404	20.6583	3.8268	0.176850
398.	0.	1.92014	13.7198	13.8874	7.6533	4.403	20.6428	3.8170	0.177031
399.	0.	1.91688	13.7199	13.8874	7.6519	4.404	20.6337	3.8072	0.177217
400.	0.	1.91311	13.7200	13.8874	7.6483	4.407	20.6296	3.8075	0.177482
401.	0.	1.90985	13.7201	13.8874	7.6470	4.408	20.6165	3.7977	0.177665
402.	0.	1.90654	13.7202	13.8874	7.6458	4.407	20.6007	3.7879	0.177850
403.	0.	1.90319	13.7204	13.8874	7.6447	4.407	20.5836	3.7780	0.178037
404.	0.	1.89980	13.7205	13.8874	7.6437	4.407	20.5660	3.7682	0.178226
405.	0.	1.89638	13.7206	13.8874	7.6427	4.406	20.5479	3.7584	0.178417
406.	0.	1.89288	13.7207	13.8874	7.6418	4.404	20.5225	3.7486	0.178610
407.	0.	1.88983	13.7208	13.8874	7.6434	4.400	20.4910	3.7287	0.178725
408.	0.	1.88620	13.7210	13.8874	7.6427	4.398	20.4682	3.7189	0.178929
409.	0.	1.88250	13.7211	13.8874	7.6420	4.395	20.4402	3.7091	0.179134
410.	0.	1.87927	13.7212	13.8874	7.6438	4.391	20.4072	3.6893	0.179262
411.	0.	1.87541	13.7213	13.8874	7.6432	4.388	20.3758	3.6795	0.179478
412.	0.	1.87204	13.7215	13.8874	7.6451	4.383	20.3408	3.6596	0.179615
413.	0.	1.86806	13.7216	13.8874	7.6446	4.381	20.3152	3.6498	0.179843
414.	0.	1.86404	13.7217	13.8874	7.6442	4.378	20.2845	3.6401	0.180072
415.	0.	1.86049	13.7219	13.8874	7.6462	4.373	20.2488	3.6202	0.180221
416.	0.	1.85630	13.7220	13.8874	7.6459	4.369	20.2151	3.6105	0.180461
417.	0.	1.85261	13.7222	13.8874	7.6481	4.364	20.1784	3.5906	0.180621
418.	0.	1.84826	13.7223	13.8874	7.6480	4.359	20.1440	3.5809	0.180873
419.	0.	1.84443	13.7225	13.8874	7.6503	4.354	20.1063	3.5610	0.181043
420.	0.	1.83997	13.7226	13.8874	7.6503	4.352	20.0780	3.5513	0.181307
421.	0.	1.83548	13.7227	13.8874	7.6503	4.348	20.0451	3.5416	0.181572
422.	0.	1.83162	13.7229	13.8874	7.6521	4.344	20.0066	3.5217	0.181749
423.	0.	1.82711	13.7231	13.8874	7.6514	4.341	19.9695	3.5120	0.182019
424.	0.	1.82317	13.7232	13.8874	7.6530	4.338	19.9293	3.4922	0.182205
425.	0.	1.81854	13.7234	13.8874	7.6522	4.335	19.8912	3.4825	0.182486
426.	0.	1.81446	13.7235	13.8874	7.6538	4.332	19.8504	3.4627	0.182682
427.	0.	1.80969	13.7237	13.8874	7.6532	4.330	19.8118	3.4530	0.182975
428.	0.	1.80549	13.7239	13.8874	7.6549	4.326	19.7704	3.4332	0.183181
429.	0.	1.80057	13.7240	13.8874	7.6543	4.324	19.7312	3.4235	0.183486
430.	0.	1.79624	13.7242	13.8874	7.6560	4.321	19.6892	3.4037	0.183702
431.	0.	1.79119	13.7243	13.8874	7.6555	4.319	19.6495	3.3940	0.184018
432.	0.	1.78672	13.7245	13.8874	7.6574	4.316	19.6069	3.3742	0.184245
433.	0.	1.78149	13.7247	13.8874	7.6571	4.312	19.5592	3.3646	0.184571
434.	0.	1.77740	13.7249	13.8874	7.6615	4.303	19.4960	3.3347	0.184716
435.	0.	1.77247	13.7251	13.8874	7.6638	4.296	19.4380	3.3150	0.184972
436.	0.	1.76740	13.7253	13.8874	7.6662	4.289	19.3808	3.2952	0.185239
437.	0.	1.76219	13.7255	13.8874	7.6687	4.283	19.3239	3.2755	0.185518
438.	0.	1.75684	13.7257	13.8874	7.6715	4.276	19.2666	3.2558	0.185808
439.	0.	1.75130	13.7259	13.8874	7.6744	4.268	19.2015	3.2361	0.186108
440.	0.	1.74624	13.7261	13.8874	7.6800	4.257	19.1303	3.2063	0.186323
441.	0.	1.74031	13.7263	13.8874	7.6835	4.249	19.0672	3.1867	0.186658
442.	0.	1.73424	13.7265	13.8874	7.6871	4.242	19.0057	3.1670	0.187004
443.	0.	1.72804	13.7267	13.8874	7.6908	4.234	18.9446	3.1474	0.187362
444.	0.	1.72172	13.7269	13.8874	7.6947	4.227	18.8832	3.1277	0.187730
445.	0.	1.71525	13.7272	13.8874	7.6988	4.217	18.8141	3.1081	0.188107
446.	0.	1.70929	13.7274	13.8874	7.7055	4.206	18.7384	3.0784	0.188395
447.	0.	1.70243	13.7277	13.8874	7.7100	4.197	18.6709	3.0588	0.188808
448.	0.	1.69545	13.7279	13.8874	7.7147	4.188	18.6048	3.0392	0.189232
449.	0.	1.68837	13.7281	13.8874	7.7196	4.180	18.5388	3.0197	0.189665
450.	0.	1.68118	13.7284	13.8874	7.7246	4.172	18.4723	3.0001	0.190109
451.	0.	1.67385	13.7286	13.8874	7.7297	4.161	18.3978	2.9806	0.190561
452.	0.	1.66710	13.7289	13.8874	7.7376	4.149	18.3166	2.9509	0.190918
453.	0.	1.65963	13.7292	13.8874	7.7433	4.154	18.2956	2.9314	0.191412
454.	0.	1.64840	13.7294	13.8874	7.7329	4.177	18.3470	2.9725	0.192529
455.	0.	1.63973	13.7296	13.8874	7.7304	4.179	18.3252	2.9832	0.193249
456.	0.	1.63520	13.7299	13.8874	7.7431	4.156	18.2151	2.9333	0.193321
457.	0.	1.63020	13.7302	13.8874	7.7563	4.135	18.0999	2.8834	0.193430
458.	0.	1.62256	13.7304	13.8874	7.7624	4.122	18.0142	2.8639	0.193910
459.	0.	1.61491	13.7307	13.8874	7.7684	4.114	17.9379	2.8444	0.194398
460.	0.	1.60713	13.7310	13.8874	7.7744	4.104	17.8492	2.8249	0.194893
461.	0.	1.60062	13.7313	13.8874	7.7857	4.085	17.7340	2.7852	0.195178

462.	0.	1.59360	13.7316	13.8874	7.7973	4.062	17.6017	2.7455	0.195500
463.	0.	1.58688	13.7320	13.8874	7.8116	4.032	17.4505	2.6957	0.195742
464.	0.	1.57947	13.7323	13.8874	7.8264	3.998	17.2902	2.6460	0.196043
465.	0.	1.57136	13.7327	13.8874	7.8419	3.968	17.1397	2.5964	0.196416
466.	0.	1.56108	13.7331	13.8874	7.8526	3.948	17.0211	2.5671	0.197108
467.	0.	1.54983	13.7335	13.8874	7.8606	3.933	16.9228	2.5480	0.197956
468.	0.	1.53859	13.7339	13.8874	7.8685	3.918	16.8229	2.5288	0.198805
469.	0.	1.52808	13.7343	13.8874	7.8792	3.894	16.6952	2.4995	0.199530
470.	0.	1.51893	13.7347	13.8874	7.8953	3.868	16.5517	2.4500	0.200028
471.	0.	1.50758	13.7352	13.8874	7.9063	3.850	16.4334	2.4209	0.200858
472.	0.	1.49526	13.7356	13.8874	7.9144	3.837	16.3335	2.4018	0.201847
473.	0.	1.48300	13.7360	13.8874	7.9225	3.823	16.2312	2.3828	0.202832
474.	0.	1.47153	13.7365	13.8874	7.9333	3.799	16.0920	2.3537	0.203679
475.	0.	1.46232	13.7370	13.8874	7.9522	3.769	15.9160	2.2942	0.204154
476.	0.	1.45131	13.7375	13.8874	7.9684	3.741	15.7454	2.2449	0.204874
477.	0.	1.43872	13.7380	13.8874	7.9819	3.719	15.5937	2.2058	0.205830
478.	0.	1.42481	13.7385	13.8874	7.9926	3.702	15.4589	2.1770	0.206992
479.	0.	1.41071	13.7391	13.8874	8.0032	3.682	15.3115	2.1482	0.208178
480.	0.	1.39822	13.7397	13.8874	8.0192	3.658	15.1377	2.0991	0.209100
481.	0.	1.38494	13.7403	13.8874	8.0353	3.633	14.9546	2.0501	0.210121
482.	0.	1.37081	13.7409	13.8874	8.0515	3.609	14.7672	2.0013	0.211255
483.	0.	1.35588	13.7416	13.8874	8.0676	3.589	14.5845	1.9525	0.212504
484.	0.	1.33918	13.7422	13.8874	8.0808	3.568	14.4049	1.9140	0.214029
485.	0.	1.32295	13.7429	13.8874	8.0972	3.550	14.2227	1.8655	0.215472
486.	0.	1.30493	13.7437	13.8874	8.1111	3.534	14.0515	1.8272	0.217205
487.	0.	1.28650	13.7444	13.8874	8.1249	3.516	13.8735	1.7890	0.219006
488.	0.	1.26868	13.7451	13.8874	8.1414	3.493	13.6704	1.7407	0.220704
489.	0.	1.25105	13.7459	13.8874	8.1604	3.468	13.4442	1.6824	0.222359
490.	0.	1.23221	13.7468	13.8874	8.1789	3.453	13.2359	1.6242	0.224225
491.	0.	1.20908	13.7476	13.8874	8.1881	3.448	13.0843	1.5968	0.226842
492.	0.	1.18529	13.7484	13.8874	8.1944	3.451	12.9639	1.5796	0.229605
493.	0.	1.16243	13.7492	13.8874	8.2009	3.452	12.8454	1.5622	0.232240
494.	0.	1.14152	13.7500	13.8874	8.2105	3.451	12.7164	1.5346	0.234578
495.	0.	1.12101	13.7507	13.8874	8.2200	3.452	12.5947	1.5069	0.236882
496.	0.	1.09982	13.7514	13.8874	8.2263	3.455	12.4889	1.4893	0.239326
497.	0.	1.07943	13.7521	13.8874	8.2325	3.456	12.3787	1.4717	0.241662
498.	0.	1.06078	13.7528	13.8874	8.2419	3.450	12.2444	1.4437	0.243733
499.	0.	1.04334	13.7535	13.8874	8.2540	3.442	12.1005	1.4056	0.245628
500.	0.	1.02449	13.7542	13.8874	8.2627	3.440	11.9760	1.3778	0.247774
501.	0.	1.00463	13.7549	13.8874	8.2682	3.427	11.8265	1.3601	0.250084
502.	0.	0.98946	13.7556	13.8874	8.2865	3.387	11.5839	1.3016	0.251636
503.	0.	0.97596	13.7564	13.8874	8.3123	3.356	11.3281	1.2129	0.252914
504.	0.	0.95326	13.7572	13.8874	8.3214	3.345	11.1410	1.1758	0.255769
505.	0.	0.92885	13.7580	13.8874	8.3278	3.336	10.9673	1.1489	0.258930
506.	0.	0.90692	13.7588	13.8874	8.3410	3.312	10.7418	1.1017	0.261680
507.	0.	0.88703	13.7597	13.8874	8.3657	3.269	10.4406	1.0241	0.264091
508.	0.	0.86602	13.7607	13.8874	8.3925	3.216	10.0890	0.9268	0.266762
509.	0.	0.83793	13.7619	13.8874	8.4097	3.139	9.6738	0.8409	0.270896
510.	0.	0.80708	13.7636	13.8874	8.5019	2.932	9.1829	0.7157	0.275718
511.	0.	0.72243	13.7677	13.8874	9.1617	2.077	9.0928	0.5524	0.292376
512.	0.	0.63717	13.7699	13.8874	9.4095	1.252	9.0130	0.4720	0.312002
513.	0.	0.54852	13.7594	13.8874	9.1913	0.509	9.1026	0.4622	0.332177
514.	0.	0.49158	13.7570	13.8874	9.1269	0.150	8.9901	0.4339	0.343939
515.	0.	0.45415	13.7638	13.8874	9.3367	0.329	9.1261	0.3716	0.351644