

Run: 1

Table:curve

SWAN version:41.20A

Xp [m]	Yp [m]	Hsig [m]	TPsmoo [sec]	RTpeak [sec]	Tm_l0 [sec]	Dir [degr]	Dspr [degr]	Depth [m]	Setup [m]
0.	0.	0.83891	4.9442	5.1860	4.4570	0.072	32.1794	8.9100	0.000000
1.	0.	0.83925	4.9441	5.1860	4.4556	0.072	32.1792	8.9100	-0.000002
2.	0.	0.83960	4.9440	5.1860	4.4542	0.072	32.1790	8.9100	-0.000003
3.	0.	0.83995	4.9440	5.1860	4.4528	0.072	32.1789	8.9100	-0.000005
4.	0.	0.84030	4.9439	5.1860	4.4514	0.073	32.1787	8.9100	-0.000006
5.	0.	0.84065	4.9439	5.1860	4.4500	0.073	32.1786	8.9100	-0.000008
6.	0.	0.84100	4.9438	5.1860	4.4486	0.073	32.1784	8.9100	-0.000010
7.	0.	0.84136	4.9438	5.1860	4.4472	0.074	32.1783	8.9100	-0.000011
8.	0.	0.84172	4.9437	5.1860	4.4457	0.074	32.1782	8.9100	-0.000013
9.	0.	0.84208	4.9436	5.1860	4.4443	0.074	32.1781	8.9100	-0.000015
10.	0.	0.84244	4.9436	5.1860	4.4428	0.074	32.1781	8.9100	-0.000016
11.	0.	0.84280	4.9435	5.1860	4.4413	0.075	32.1780	8.9100	-0.000018
12.	0.	0.84317	4.9435	5.1860	4.4398	0.075	32.1779	8.9100	-0.000020
13.	0.	0.84354	4.9434	5.1860	4.4383	0.075	32.1779	8.9100	-0.000021
14.	0.	0.84391	4.9434	5.1860	4.4367	0.076	32.1780	8.9100	-0.000023
15.	0.	0.84428	4.9433	5.1860	4.4352	0.076	32.1781	8.9100	-0.000025
16.	0.	0.84466	4.9432	5.1860	4.4336	0.076	32.1784	8.9100	-0.000026
17.	0.	0.84489	4.9431	5.1860	4.4318	0.076	32.1481	8.9100	-0.000028
18.	0.	0.84443	4.9432	5.1860	4.4296	0.077	32.0714	8.8300	-0.000041
19.	0.	0.84375	4.9434	5.1860	4.4272	0.077	31.9724	8.7299	-0.000056
20.	0.	0.84303	4.9436	5.1860	4.4247	0.078	31.8656	8.6299	-0.000073
21.	0.	0.84224	4.9438	5.1860	4.4222	0.078	31.7649	8.5199	-0.000090
22.	0.	0.84153	4.9440	5.1860	4.4197	0.079	31.6722	8.4199	-0.000107
23.	0.	0.84083	4.9443	5.1860	4.4172	0.079	31.5783	8.3199	-0.000125
24.	0.	0.84017	4.9446	5.1860	4.4143	0.080	31.4786	8.2199	-0.000143
25.	0.	0.83954	4.9450	5.1860	4.4109	0.080	31.3755	8.1098	-0.000163
26.	0.	0.83901	4.9453	5.1860	4.4073	0.081	31.2726	8.0098	-0.000183
27.	0.	0.83853	4.9457	5.1860	4.4034	0.081	31.1686	7.9098	-0.000203
28.	0.	0.83810	4.9461	5.1860	4.3991	0.082	31.0590	7.8098	-0.000225
29.	0.	0.83764	4.9466	5.1860	4.3948	0.082	30.9464	7.6998	-0.000249
30.	0.	0.83728	4.9470	5.1860	4.3903	0.083	30.8350	7.5997	-0.000272
31.	0.	0.83698	4.9475	5.1860	4.3855	0.083	30.7237	7.4997	-0.000296
32.	0.	0.83673	4.9480	5.1860	4.3804	0.084	30.6075	7.3997	-0.000321
33.	0.	0.83646	4.9486	5.1860	4.3752	0.084	30.4888	7.2897	-0.000349
34.	0.	0.83628	4.9491	5.1860	4.3699	0.085	30.3734	7.1896	-0.000376
35.	0.	0.83611	4.9497	5.1860	4.3649	0.087	30.2592	7.0896	-0.000404
36.	0.	0.83595	4.9503	5.1860	4.3597	0.090	30.1419	6.9896	-0.0

60.	0.	0.85322	4.9528	5.1860	4.2287	0.170	29.8067	6.4893	-0.000676
61.	0.	0.85413	4.9528	5.1860	4.2226	0.174	29.8059	6.4793	-0.000684
62.	0.	0.85503	4.9529	5.1860	4.2166	0.178	29.8057	6.4593	-0.000696
63.	0.	0.85594	4.9529	5.1860	4.2106	0.180	29.8096	6.4493	-0.000704
64.	0.	0.85681	4.9530	5.1860	4.2048	0.185	29.8166	6.4293	-0.000715
65.	0.	0.85773	4.9530	5.1860	4.1988	0.191	29.8260	6.4193	-0.000723
66.	0.	0.85856	4.9531	5.1860	4.1934	0.201	29.8356	6.3993	-0.000735
67.	0.	0.85942	4.9531	5.1860	4.1881	0.213	29.8494	6.3893	-0.000743
68.	0.	0.86025	4.9531	5.1860	4.1830	0.223	29.8623	6.3792	-0.000751
69.	0.	0.86104	4.9532	5.1860	4.1780	0.233	29.8738	6.3592	-0.000763
70.	0.	0.86185	4.9533	5.1860	4.1730	0.242	29.8855	6.3492	-0.000771
71.	0.	0.86263	4.9533	5.1860	4.1681	0.251	29.8974	6.3292	-0.000783
72.	0.	0.86345	4.9534	5.1860	4.1631	0.260	29.9100	6.3192	-0.000791
73.	0.	0.86424	4.9535	5.1860	4.1582	0.268	29.9234	6.2992	-0.000803
74.	0.	0.86507	4.9535	5.1860	4.1532	0.276	29.9375	6.2892	-0.000812
75.	0.	0.86589	4.9536	5.1860	4.1482	0.284	29.9519	6.2692	-0.000824
76.	0.	0.86672	4.9536	5.1860	4.1434	0.292	29.9704	6.2592	-0.000832
77.	0.	0.86754	4.9536	5.1860	4.1385	0.301	29.9871	6.2492	-0.000841
78.	0.	0.86832	4.9537	5.1860	4.1339	0.311	30.0032	6.2291	-0.000853
79.	0.	0.86911	4.9537	5.1860	4.1293	0.322	30.0194	6.2191	-0.000862
80.	0.	0.86986	4.9538	5.1860	4.1249	0.331	30.0353	6.1991	-0.000874
81.	0.	0.87064	4.9539	5.1860	4.1205	0.340	30.0549	6.1891	-0.000883
82.	0.	0.87144	4.9539	5.1860	4.1163	0.349	30.0788	6.1791	-0.000891
83.	0.	0.87227	4.9538	5.1860	4.1121	0.358	30.1077	6.1791	-0.000896
84.	0.	0.87308	4.9538	5.1860	4.1080	0.366	30.1344	6.1791	-0.000901
85.	0.	0.87385	4.9538	5.1860	4.1041	0.375	30.1604	6.1691	-0.000909
86.	0.	0.87468	4.9538	5.1860	4.1001	0.383	30.1892	6.1691	-0.000914
87.	0.	0.87549	4.9537	5.1860	4.0960	0.391	30.2153	6.1691	-0.000919
88.	0.	0.87627	4.9537	5.1860	4.0922	0.398	30.2403	6.1591	-0.000927
89.	0.	0.87706	4.9537	5.1860	4.0883	0.405	30.2645	6.1591	-0.000932
90.	0.	0.87782	4.9537	5.1860	4.0845	0.412	30.2877	6.1491	-0.000941
91.	0.	0.87863	4.9537	5.1860	4.0807	0.418	30.3134	6.1491	-0.000946
92.	0.	0.87942	4.9536	5.1860	4.0770	0.423	30.3361	6.1490	-0.000951
93.	0.	0.88015	4.9536	5.1860	4.0734	0.429	30.3539	6.1390	-0.000959
94.	0.	0.88085	4.9537	5.1860	4.0698	0.436	30.3663	6.1290	-0.000968
95.	0.	0.88150	4.9538	5.1860	4.0663	0.442	30.3730	6.1090	-0.000981
96.	0.	0.88214	4.9539	5.1860	4.0628	0.448	30.3772	6.0890	-0.000993
97.	0.	0.88277	4.9540	5.1860	4.0594	0.453	30.3793	6.0690	-0.001006
98.	0.	0.88339	4.9541	5.1860	4.0561	0.458	30.3796	6.0490	-0.001019
99.	0.	0.88399	4.9542	5.1860	4.0529	0.461	30.3789	6.0290	-0.001032
100.	0.	0.88459	4.9543	5.1860	4.0498	0.464	30.3775	6.0090	-0.001045
101.	0.	0.88518	4.9544	5.1860	4.0467	0.466	30.3751	5.9889	-0.001058
102.	0.	0.88577	4.9545	5.1860	4.0437	0.467	30.3719	5.9689	-0.001071
103.	0.	0.88635	4.9546	5.1860	4.0408	0.469	30.3680	5.9489	-0.001085
104.	0.	0.88685	4.9547	5.1860	4.0378	0.470	30.3496	5.9289	-0.001098
105.	0.	0.88718	4.9551	5.1860	4.0351	0.470	30.3121	5.8689	-0.001129
106.	0.	0.88749	4.9555	5.1860	4.0325	0.470	30.2678	5.8088	-0.001160
107.	0.	0.88776	4.9559	5.1860	4.0299	0.470	30.2175	5.7488	-0.001192
108.	0.	0.88800	4.9564	5.1860	4.0277	0.468	30.1636	5.6788	-0.001229
109.	0.	0.88826	4.9569	5.1860	4.0254	0.465	30.1115	5.6187	-0.001262
110.	0.	0.88853	4.9573	5.1860	4.0233	0.462	30.0588	5.5587	-0.001297
111.	0.	0.88878	4.9577	5.1860	4.0213	0.458	30.0017	5.4987	-0.001332
112.	0.	0.88902	4.9583	5.1860	4.0196	0.454	29.9422	5.4286	-0.001373
113.	0.	0.88930	4.9587	5.1860	4.0178	0.450	29.8848	5.3686	-0.001411
114.	0.	0.88967	4.9592	5.1860	4.0163	0.446	29.8459	5.3086	-0.001449
115.	0.	0.89019	4.9592	5.1860	4.0143	0.442	29.8397	5.2985	-0.001460
116.	0.	0.89078	4.9591	5.1860	4.0122	0.437	29.8484	5.3085	-0.001460
117.	0.	0.89137	4.9590	5.1860	4.0103	0.433	29.8618	5.3085	-0.001466
118.	0.	0.89196	4.9589	5.1860	4.0084	0.428	29.8773	5.3185	-0.001465
119.	0.	0.89254	4.9589	5.1860	4.0067	0.424	29.8929	5.3185	-0.001470
120.	0.	0.89314	4.9587	5.1860	4.0048	0.420	29.9084	5.3285	-0.001470
121.	0.	0.89373	4.9587	5.1860	4.0031	0.415	29.9233	5.3285	-0.001475
122.	0.	0.89431	4.9585	5.1860	4.0013	0.411	29.9383	5.3385	-0.001475
123.	0.	0.89489	4.9585	5.1860	3.9997	0.407	29.9527	5.3385	-0.001480
124.	0.	0.89548	4.9584	5.1860	3.9979	0.403	29.9675	5.3485	-0.001480
125.	0.	0.89606	4.9583	5.1860	3.9962	0.397	29.9821	5.3485	-0.001485
126.	0.	0.89666	4.9582	5.1860	3.9944	0.391	29.9967	5.3585	-0.001485

127.	0.	0.89724	4.9581	5.1860	3.9928	0.386	30.0112	5.3585	-0.001490
128.	0.	0.89782	4.9580	5.1860	3.9911	0.380	30.0261	5.3685	-0.001490
129.	0.	0.89838	4.9580	5.1860	3.9895	0.375	30.0355	5.3685	-0.001495
130.	0.	0.89895	4.9579	5.1860	3.9879	0.371	30.0487	5.3685	-0.001500
131.	0.	0.89954	4.9578	5.1860	3.9861	0.368	30.0629	5.3785	-0.001500
132.	0.	0.90014	4.9577	5.1860	3.9844	0.365	30.0769	5.3785	-0.001505
133.	0.	0.90074	4.9576	5.1860	3.9826	0.363	30.0916	5.3885	-0.001505
134.	0.	0.90135	4.9576	5.1860	3.9809	0.361	30.1060	5.3885	-0.001510
135.	0.	0.90196	4.9574	5.1860	3.9790	0.359	30.1207	5.3985	-0.001510
136.	0.	0.90257	4.9574	5.1860	3.9773	0.357	30.1349	5.3985	-0.001515
137.	0.	0.90319	4.9573	5.1860	3.9755	0.355	30.1494	5.4085	-0.001516
138.	0.	0.90380	4.9572	5.1860	3.9738	0.353	30.1631	5.4085	-0.001521
139.	0.	0.90439	4.9571	5.1860	3.9721	0.350	30.1767	5.4185	-0.001521
140.	0.	0.90497	4.9570	5.1860	3.9706	0.346	30.1903	5.4185	-0.001526
141.	0.	0.90557	4.9569	5.1860	3.9688	0.341	30.2049	5.4285	-0.001526
142.	0.	0.90618	4.9569	5.1860	3.9671	0.338	30.2198	5.4285	-0.001531
143.	0.	0.90679	4.9567	5.1860	3.9653	0.335	30.2345	5.4385	-0.001531
144.	0.	0.90740	4.9567	5.1860	3.9637	0.332	30.2489	5.4385	-0.001536
145.	0.	0.90802	4.9565	5.1860	3.9618	0.328	30.2635	5.4485	-0.001536
146.	0.	0.90863	4.9565	5.1860	3.9602	0.325	30.2771	5.4485	-0.001541
147.	0.	0.90925	4.9564	5.1860	3.9584	0.322	30.2908	5.4585	-0.001541
148.	0.	0.90983	4.9563	5.1860	3.9567	0.319	30.2987	5.4585	-0.001546
149.	0.	0.91044	4.9563	5.1860	3.9550	0.316	30.3103	5.4584	-0.001551
150.	0.	0.91105	4.9561	5.1860	3.9532	0.314	30.3234	5.4684	-0.001551
151.	0.	0.91165	4.9561	5.1860	3.9516	0.311	30.3369	5.4684	-0.001556
152.	0.	0.91225	4.9560	5.1860	3.9499	0.308	30.3511	5.4784	-0.001556
153.	0.	0.91284	4.9559	5.1860	3.9484	0.305	30.3652	5.4784	-0.001561
154.	0.	0.91344	4.9558	5.1860	3.9467	0.303	30.3799	5.4884	-0.001561
155.	0.	0.91402	4.9557	5.1860	3.9452	0.300	30.3948	5.4884	-0.001566
156.	0.	0.91462	4.9556	5.1860	3.9435	0.297	30.4106	5.4984	-0.001565
157.	0.	0.91521	4.9556	5.1860	3.9419	0.294	30.4262	5.4984	-0.001570
158.	0.	0.91582	4.9554	5.1860	3.9402	0.290	30.4427	5.5084	-0.001570
159.	0.	0.91643	4.9554	5.1860	3.9386	0.288	30.4600	5.5084	-0.001575
160.	0.	0.91707	4.9553	5.1860	3.9367	0.288	30.4781	5.5184	-0.001575
161.	0.	0.91771	4.9552	5.1860	3.9349	0.288	30.4964	5.5184	-0.001580
162.	0.	0.91835	4.9551	5.1860	3.9329	0.288	30.5152	5.5284	-0.001580
163.	0.	0.91897	4.9550	5.1860	3.9313	0.289	30.5336	5.5284	-0.001584
164.	0.	0.91959	4.9549	5.1860	3.9295	0.289	30.5523	5.5384	-0.001584
165.	0.	0.92019	4.9549	5.1860	3.9279	0.289	30.5711	5.5384	-0.001589
166.	0.	0.92081	4.9547	5.1860	3.9261	0.290	30.5901	5.5484	-0.001588
167.	0.	0.92138	4.9547	5.1860	3.9245	0.291	30.6032	5.5484	-0.001593
168.	0.	0.92197	4.9546	5.1860	3.9229	0.292	30.6198	5.5484	-0.001598
169.	0.	0.92257	4.9545	5.1860	3.9212	0.293	30.6375	5.5584	-0.001597
170.	0.	0.92316	4.9545	5.1860	3.9197	0.294	30.6554	5.5584	-0.001602
171.	0.	0.92376	4.9543	5.1860	3.9181	0.296	30.6740	5.5684	-0.001602
172.	0.	0.92435	4.9543	5.1860	3.9165	0.297	30.6925	5.5684	-0.001606
173.	0.	0.92496	4.9542	5.1860	3.9149	0.299	30.7114	5.5784	-0.001606
174.	0.	0.92557	4.9541	5.1860	3.9133	0.300	30.7301	5.5784	-0.001611
175.	0.	0.92618	4.9540	5.1860	3.9116	0.300	30.7490	5.5884	-0.001610
176.	0.	0.92679	4.9539	5.1860	3.9100	0.300	30.7675	5.5884	-0.001615
177.	0.	0.92742	4.9538	5.1860	3.9083	0.300	30.7856	5.5984	-0.001615
178.	0.	0.92804	4.9538	5.1860	3.9066	0.299	30.8034	5.5984	-0.001620
179.	0.	0.92868	4.9536	5.1860	3.9049	0.298	30.8214	5.6084	-0.001620
180.	0.	0.92931	4.9536	5.1860	3.9032	0.297	30.8391	5.6084	-0.001624
181.	0.	0.92994	4.9535	5.1860	3.9015	0.296	30.8566	5.6184	-0.001624
182.	0.	0.93055	4.9534	5.1860	3.8999	0.295	30.8729	5.6184	-0.001629
183.	0.	0.93117	4.9533	5.1860	3.8983	0.293	30.8885	5.6284	-0.001629
184.	0.	0.93177	4.9532	5.1860	3.8967	0.292	30.8986	5.6284	-0.001634
185.	0.	0.93236	4.9532	5.1860	3.8950	0.292	30.9078	5.6284	-0.001639
186.	0.	0.93296	4.9532	5.1860	3.8934	0.293	30.9166	5.6284	-0.001644
187.	0.	0.93354	4.9531	5.1860	3.8916	0.294	30.9216	5.6284	-0.001649
188.	0.	0.93409	4.9531	5.1860	3.8900	0.296	30.9256	5.6183	-0.001659
189.	0.	0.93469	4.9531	5.1860	3.8884	0.298	30.9333	5.6183	-0.001664
190.	0.	0.93528	4.9531	5.1860	3.8866	0.300	30.9421	5.6183	-0.001669
191.	0.	0.93589	4.9530	5.1860	3.8849	0.302	30.9515	5.6183	-0.001674
192.	0.	0.93650	4.9530	5.1860	3.8832	0.304	30.9612	5.6183	-0.001679
193.	0.	0.93707	4.9529	5.1860	3.8815	0.305	30.9661	5.6183	-0.001684

194.	0.	0.93760	4.9529	5.1860	3.8801	0.307	30.9697	5.6083	-0.001694
195.	0.	0.93818	4.9529	5.1860	3.8784	0.310	30.9774	5.6083	-0.001699
196.	0.	0.93876	4.9529	5.1860	3.8768	0.313	30.9861	5.6083	-0.001704
197.	0.	0.93934	4.9528	5.1860	3.8752	0.316	30.9954	5.6083	-0.001709
198.	0.	0.93996	4.9528	5.1860	3.8734	0.317	31.0050	5.6083	-0.001714
199.	0.	0.94055	4.9527	5.1860	3.8716	0.319	31.0106	5.6083	-0.001719
200.	0.	0.94112	4.9528	5.1860	3.8700	0.322	31.0150	5.5983	-0.001729
201.	0.	0.94172	4.9527	5.1860	3.8682	0.324	31.0226	5.5983	-0.001734
202.	0.	0.94225	4.9527	5.1860	3.8664	0.326	31.0169	5.5983	-0.001739
203.	0.	0.94262	4.9530	5.1860	3.8648	0.327	30.9882	5.5582	-0.001764
204.	0.	0.94289	4.9533	5.1860	3.8633	0.329	30.9452	5.5082	-0.001795
205.	0.	0.94314	4.9538	5.1860	3.8620	0.331	30.8969	5.4482	-0.001832
206.	0.	0.94341	4.9542	5.1860	3.8607	0.332	30.8503	5.3981	-0.001864
207.	0.	0.94369	4.9546	5.1860	3.8594	0.334	30.8036	5.3481	-0.001897
208.	0.	0.94396	4.9550	5.1860	3.8582	0.336	30.7566	5.2981	-0.001931
209.	0.	0.94424	4.9554	5.1860	3.8572	0.337	30.7092	5.2480	-0.001966
210.	0.	0.94451	4.9557	5.1860	3.8562	0.339	30.6618	5.1980	-0.002002
211.	0.	0.94478	4.9561	5.1860	3.8553	0.341	30.6151	5.1480	-0.002038
212.	0.	0.94505	4.9565	5.1860	3.8545	0.343	30.5689	5.0979	-0.002075
213.	0.	0.94533	4.9569	5.1860	3.8538	0.345	30.5230	5.0479	-0.002112
214.	0.	0.94562	4.9573	5.1860	3.8530	0.347	30.4780	4.9978	-0.002151
215.	0.	0.94593	4.9577	5.1860	3.8523	0.350	30.4345	4.9478	-0.002191
216.	0.	0.94622	4.9582	5.1860	3.8516	0.352	30.3876	4.8978	-0.002231
217.	0.	0.94654	4.9586	5.1860	3.8512	0.355	30.3397	4.8377	-0.002280
218.	0.	0.94687	4.9591	5.1860	3.8506	0.358	30.2960	4.7877	-0.002323
219.	0.	0.94723	4.9595	5.1860	3.8501	0.360	30.2525	4.7376	-0.002367
220.	0.	0.94759	4.9599	5.1860	3.8496	0.361	30.2091	4.6876	-0.002412
221.	0.	0.94796	4.9603	5.1860	3.8492	0.361	30.1659	4.6375	-0.002459
222.	0.	0.94835	4.9607	5.1860	3.8488	0.361	30.1227	4.5875	-0.002506
223.	0.	0.94875	4.9611	5.1860	3.8485	0.361	30.0799	4.5374	-0.002555
224.	0.	0.94917	4.9616	5.1860	3.8483	0.361	30.0371	4.4874	-0.002605
225.	0.	0.94963	4.9620	5.1860	3.8482	0.362	30.0007	4.4373	-0.002657
226.	0.	0.95010	4.9622	5.1860	3.8477	0.362	29.9816	4.4073	-0.002691
227.	0.	0.95054	4.9623	5.1860	3.8468	0.363	29.9753	4.3973	-0.002706
228.	0.	0.95100	4.9623	5.1860	3.8460	0.364	29.9762	4.3873	-0.002721
229.	0.	0.95143	4.9623	5.1860	3.8450	0.365	29.9800	4.3873	-0.002727
230.	0.	0.95189	4.9623	5.1860	3.8443	0.366	29.9797	4.3773	-0.002743
231.	0.	0.95237	4.9624	5.1860	3.8435	0.367	29.9828	4.3672	-0.002758
232.	0.	0.95280	4.9623	5.1860	3.8425	0.368	29.9872	4.3672	-0.002764
233.	0.	0.95327	4.9624	5.1860	3.8418	0.369	29.9872	4.3572	-0.002779
234.	0.	0.95374	4.9624	5.1860	3.8410	0.370	29.9912	4.3472	-0.002795
235.	0.	0.95418	4.9624	5.1860	3.8400	0.371	29.9965	4.3472	-0.002801
236.	0.	0.95464	4.9625	5.1860	3.8393	0.371	29.9966	4.3372	-0.002816
237.	0.	0.95511	4.9625	5.1860	3.8387	0.372	29.9995	4.3272	-0.002832
238.	0.	0.95554	4.9625	5.1860	3.8377	0.372	30.0033	4.3272	-0.002838
239.	0.	0.95600	4.9625	5.1860	3.8370	0.372	30.0030	4.3171	-0.002854
240.	0.	0.95647	4.9626	5.1860	3.8364	0.372	30.0058	4.3071	-0.002869
241.	0.	0.95690	4.9625	5.1860	3.8354	0.372	30.0101	4.3071	-0.002875
242.	0.	0.95737	4.9626	5.1860	3.8346	0.372	30.0104	4.2971	-0.002891
243.	0.	0.95784	4.9626	5.1860	3.8340	0.373	30.0128	4.2871	-0.002907
244.	0.	0.95827	4.9626	5.1860	3.8330	0.375	30.0152	4.2871	-0.002913
245.	0.	0.95873	4.9626	5.1860	3.8324	0.376	30.0141	4.2771	-0.002930
246.	0.	0.95920	4.9627	5.1860	3.8317	0.376	30.0148	4.2671	-0.002946
247.	0.	0.95963	4.9626	5.1860	3.8308	0.377	30.0163	4.2670	-0.002952
248.	0.	0.96011	4.9627	5.1860	3.8302	0.377	30.0165	4.2570	-0.002968
249.	0.	0.96056	4.9627	5.1860	3.8293	0.376	30.0206	4.2570	-0.002975
250.	0.	0.96102	4.9626	5.1860	3.8284	0.374	30.0252	4.2570	-0.002981
251.	0.	0.96148	4.9626	5.1860	3.8275	0.374	30.0304	4.2570	-0.002987
252.	0.	0.96196	4.9625	5.1860	3.8265	0.375	30.0365	4.2570	-0.002993
253.	0.	0.96244	4.9625	5.1860	3.8254	0.375	30.0432	4.2570	-0.003000
254.	0.	0.96293	4.9624	5.1860	3.8244	0.375	30.0504	4.2570	-0.003006
255.	0.	0.96344	4.9624	5.1860	3.8233	0.376	30.0577	4.2570	-0.003012
256.	0.	0.96395	4.9624	5.1860	3.8221	0.376	30.0652	4.2570	-0.003019
257.	0.	0.96447	4.9623	5.1860	3.8210	0.376	30.0725	4.2570	-0.003026
258.	0.	0.96499	4.9623	5.1860	3.8198	0.376	30.0798	4.2570	-0.003032
259.	0.	0.96552	4.9622	5.1860	3.8186	0.377	30.0872	4.2570	-0.003039
260.	0.	0.96605	4.9622	5.1860	3.8174	0.377	30.0946	4.2570	-0.003046

261.	0.	0.96658	4.9621	5.1860	3.8162	0.378	30.1016	4.2569	-0.003052
262.	0.	0.96710	4.9621	5.1860	3.8150	0.379	30.1082	4.2569	-0.003059
263.	0.	0.96762	4.9621	5.1860	3.8139	0.380	30.1139	4.2569	-0.003066
264.	0.	0.96813	4.9620	5.1860	3.8128	0.380	30.1194	4.2569	-0.003073
265.	0.	0.96864	4.9620	5.1860	3.8118	0.382	30.1247	4.2569	-0.003079
266.	0.	0.96914	4.9619	5.1860	3.8107	0.383	30.1263	4.2569	-0.003086
267.	0.	0.96965	4.9620	5.1860	3.8100	0.386	30.1255	4.2469	-0.003103
268.	0.	0.97013	4.9619	5.1860	3.8090	0.387	30.1289	4.2469	-0.003110
269.	0.	0.97058	4.9619	5.1860	3.8081	0.389	30.1293	4.2469	-0.003117
270.	0.	0.97107	4.9619	5.1860	3.8074	0.390	30.1285	4.2369	-0.003133
271.	0.	0.97152	4.9619	5.1860	3.8065	0.391	30.1285	4.2369	-0.003140
272.	0.	0.97202	4.9620	5.1860	3.8058	0.392	30.1273	4.2268	-0.003157
273.	0.	0.97247	4.9619	5.1860	3.8048	0.394	30.1271	4.2268	-0.003164
274.	0.	0.97297	4.9620	5.1860	3.8042	0.396	30.1260	4.2168	-0.003181
275.	0.	0.97344	4.9619	5.1860	3.8032	0.398	30.1298	4.2168	-0.003188
276.	0.	0.97389	4.9619	5.1860	3.8023	0.399	30.1308	4.2168	-0.003194
277.	0.	0.97438	4.9619	5.1860	3.8017	0.400	30.1305	4.2068	-0.003212
278.	0.	0.97484	4.9619	5.1860	3.8007	0.402	30.1310	4.2068	-0.003218
279.	0.	0.97535	4.9619	5.1860	3.8000	0.404	30.1301	4.1968	-0.003236
280.	0.	0.97582	4.9619	5.1860	3.7990	0.406	30.1303	4.1968	-0.003243
281.	0.	0.97633	4.9620	5.1860	3.7983	0.408	30.1292	4.1867	-0.003260
282.	0.	0.97681	4.9619	5.1860	3.7973	0.409	30.1330	4.1867	-0.003267
283.	0.	0.97728	4.9619	5.1860	3.7963	0.410	30.1339	4.1867	-0.003274
284.	0.	0.97778	4.9619	5.1860	3.7957	0.411	30.1335	4.1767	-0.003292
285.	0.	0.97825	4.9619	5.1860	3.7947	0.412	30.1340	4.1767	-0.003299
286.	0.	0.97875	4.9619	5.1860	3.7941	0.413	30.1332	4.1667	-0.003317
287.	0.	0.97923	4.9619	5.1860	3.7931	0.414	30.1371	4.1667	-0.003323
288.	0.	0.97969	4.9618	5.1860	3.7921	0.414	30.1379	4.1667	-0.003330
289.	0.	0.98019	4.9619	5.1860	3.7915	0.414	30.1378	4.1567	-0.003348
290.	0.	0.98064	4.9619	5.1860	3.7906	0.414	30.1387	4.1566	-0.003355
291.	0.	0.98111	4.9619	5.1860	3.7901	0.415	30.1383	4.1466	-0.003373
292.	0.	0.98154	4.9619	5.1860	3.7893	0.417	30.1393	4.1466	-0.003379
293.	0.	0.98200	4.9619	5.1860	3.7888	0.418	30.1388	4.1366	-0.003397
294.	0.	0.98245	4.9619	5.1860	3.7879	0.420	30.1429	4.1366	-0.003404
295.	0.	0.98288	4.9618	5.1860	3.7870	0.421	30.1437	4.1366	-0.003410
296.	0.	0.98335	4.9619	5.1860	3.7865	0.422	30.1429	4.1266	-0.003428
297.	0.	0.98379	4.9618	5.1860	3.7857	0.424	30.1433	4.1266	-0.003435
298.	0.	0.98426	4.9619	5.1860	3.7852	0.427	30.1431	4.1165	-0.003453
299.	0.	0.98468	4.9619	5.1860	3.7843	0.429	30.1441	4.1165	-0.003460
300.	0.	0.98515	4.9619	5.1860	3.7838	0.431	30.1439	4.1065	-0.003477
301.	0.	0.98558	4.9619	5.1860	3.7830	0.434	30.1482	4.1065	-0.003484
302.	0.	0.98600	4.9618	5.1860	3.7822	0.435	30.1491	4.1065	-0.003490
303.	0.	0.98646	4.9619	5.1860	3.7818	0.436	30.1483	4.0965	-0.003508
304.	0.	0.98685	4.9618	5.1860	3.7811	0.436	30.1476	4.0965	-0.003515
305.	0.	0.98729	4.9619	5.1860	3.7808	0.435	30.1449	4.0865	-0.003533
306.	0.	0.98771	4.9619	5.1860	3.7801	0.432	30.1471	4.0865	-0.003540
307.	0.	0.98811	4.9618	5.1860	3.7794	0.430	30.1465	4.0865	-0.003547
308.	0.	0.98855	4.9619	5.1860	3.7791	0.428	30.1446	4.0764	-0.003565
309.	0.	0.98896	4.9618	5.1860	3.7784	0.426	30.1437	4.0764	-0.003572
310.	0.	0.98942	4.9619	5.1860	3.7780	0.425	30.1416	4.0664	-0.003590
311.	0.	0.98984	4.9618	5.1860	3.7772	0.425	30.1408	4.0664	-0.003597
312.	0.	0.99030	4.9619	5.1860	3.7768	0.424	30.1385	4.0564	-0.003616
313.	0.	0.99072	4.9618	5.1860	3.7761	0.424	30.1410	4.0564	-0.003623
314.	0.	0.99113	4.9618	5.1860	3.7754	0.424	30.1438	4.0564	-0.003629
315.	0.	0.99154	4.9618	5.1860	3.7748	0.424	30.1468	4.0564	-0.003636
316.	0.	0.99195	4.9617	5.1860	3.7741	0.425	30.1499	4.0564	-0.003642
317.	0.	0.99236	4.9617	5.1860	3.7735	0.425	30.1526	4.0564	-0.003648
318.	0.	0.99277	4.9616	5.1860	3.7728	0.426	30.1552	4.0563	-0.003655
319.	0.	0.99317	4.9616	5.1860	3.7722	0.427	30.1577	4.0563	-0.003661
320.	0.	0.99358	4.9616	5.1860	3.7716	0.429	30.1600	4.0563	-0.003667
321.	0.	0.99399	4.9615	5.1860	3.7709	0.430	30.1624	4.0563	-0.003674
322.	0.	0.99439	4.9615	5.1860	3.7703	0.433	30.1657	4.0563	-0.003680
323.	0.	0.99479	4.9614	5.1860	3.7697	0.436	30.1694	4.0563	-0.003686
324.	0.	0.99519	4.9614	5.1860	3.7691	0.439	30.1734	4.0563	-0.003693
325.	0.	0.99560	4.9613	5.1860	3.7685	0.443	30.1776	4.0563	-0.003699
326.	0.	0.99600	4.9613	5.1860	3.7679	0.446	30.1816	4.0563	-0.003705
327.	0.	0.99641	4.9613	5.1860	3.7673	0.449	30.1854	4.0563	-0.003712

328.	0.	0.99681	4.9612	5.1860	3.7666	0.453	30.1890	4.0563	-0.003718
329.	0.	0.99721	4.9612	5.1860	3.7660	0.456	30.1925	4.0563	-0.003724
330.	0.	0.99761	4.9611	5.1860	3.7655	0.459	30.1959	4.0563	-0.003731
331.	0.	0.99801	4.9611	5.1860	3.7649	0.462	30.1994	4.0563	-0.003737
332.	0.	0.99840	4.9611	5.1860	3.7643	0.465	30.2028	4.0563	-0.003743
333.	0.	0.99879	4.9610	5.1860	3.7638	0.466	30.2055	4.0563	-0.003749
334.	0.	0.99918	4.9610	5.1860	3.7632	0.468	30.2076	4.0562	-0.003756
335.	0.	0.99956	4.9609	5.1860	3.7627	0.469	30.2091	4.0562	-0.003762
336.	0.	0.99993	4.9609	5.1860	3.7622	0.470	30.2068	4.0562	-0.003768
337.	0.	1.00031	4.9609	5.1860	3.7621	0.470	30.2024	4.0462	-0.003787
338.	0.	1.00067	4.9609	5.1860	3.7617	0.470	30.2022	4.0462	-0.003793
339.	0.	1.00101	4.9609	5.1860	3.7613	0.469	30.1986	4.0462	-0.003799
340.	0.	1.00138	4.9609	5.1860	3.7612	0.469	30.1934	4.0362	-0.003818
341.	0.	1.00173	4.9609	5.1860	3.7608	0.468	30.1931	4.0362	-0.003824
342.	0.	1.00209	4.9608	5.1860	3.7604	0.468	30.1935	4.0362	-0.003830
343.	0.	1.00243	4.9608	5.1860	3.7600	0.467	30.1925	4.0362	-0.003836
344.	0.	1.00284	4.9608	5.1860	3.7599	0.468	30.1948	4.0261	-0.003855
345.	0.	1.00327	4.9608	5.1860	3.7594	0.469	30.2139	4.0261	-0.003862
346.	0.	1.00158	4.9609	5.1860	3.7571	0.465	29.8158	4.0261	-0.003891
347.	0.	1.00925	4.9708	5.1860	3.8094	0.440	29.1429	3.0143	-0.005734
348.	0.	1.00931	4.9709	5.1860	3.8085	0.441	29.0498	3.0042	-0.005795
349.	0.	1.00945	4.9711	5.1860	3.8093	0.441	28.9580	2.9841	-0.005863
350.	0.	1.00961	4.9713	5.1860	3.8104	0.442	28.8878	2.9641	-0.005928
351.	0.	1.01034	4.9719	5.1860	3.8146	0.442	28.7905	2.9039	-0.006108
352.	0.	1.01101	4.9725	5.1860	3.8187	0.443	28.6678	2.8437	-0.006298
353.	0.	1.01246	4.9734	5.1860	3.8251	0.444	28.5468	2.7534	-0.006596
354.	0.	1.01241	4.9734	5.1860	3.8241	0.447	28.5258	2.7534	-0.006597
355.	0.	1.01238	4.9733	5.1860	3.8223	0.451	28.5515	2.7634	-0.006561
356.	0.	1.01212	4.9730	5.1860	3.8188	0.455	28.6084	2.7935	-0.006459
357.	0.	1.01240	4.9727	5.1860	3.8163	0.459	28.7231	2.8136	-0.006388
358.	0.	1.01139	4.9717	5.1860	3.8073	0.466	28.8609	2.9139	-0.006084
359.	0.	1.01196	4.9717	5.1860	3.8076	0.466	28.9025	2.9039	-0.006112
360.	0.	1.01200	4.9714	5.1860	3.8045	0.469	28.9784	2.9340	-0.006027
361.	0.	1.01195	4.9711	5.1860	3.8015	0.472	29.0248	2.9641	-0.005946
362.	0.	1.01244	4.9711	5.1860	3.8016	0.474	29.0436	2.9540	-0.005977
363.	0.	1.01274	4.9709	5.1860	3.7994	0.478	29.1207	2.9741	-0.005924
364.	0.	1.01234	4.9702	5.1860	3.7942	0.483	29.1777	3.0342	-0.005768
365.	0.	1.01311	4.9706	5.1860	3.7964	0.486	29.1516	2.9941	-0.005881
366.	0.	1.01360	4.9708	5.1860	3.7971	0.489	29.1352	2.9741	-0.005943
367.	0.	1.01399	4.9708	5.1860	3.7970	0.492	29.1306	2.9640	-0.005976
368.	0.	1.01428	4.9707	5.1860	3.7956	0.495	29.1714	2.9740	-0.005952
369.	0.	1.01420	4.9703	5.1860	3.7921	0.498	29.2349	3.0142	-0.005848
370.	0.	1.01424	4.9701	5.1860	3.7908	0.500	29.2265	3.0242	-0.005829
371.	0.	1.01534	4.9708	5.1860	3.7955	0.499	29.1792	2.9540	-0.006027
372.	0.	1.01531	4.9707	5.1860	3.7940	0.501	29.1650	2.9640	-0.006007
373.	0.	1.01583	4.9711	5.1860	3.7963	0.500	29.0918	2.9239	-0.006129
374.	0.	1.01680	4.9716	5.1860	3.8001	0.500	29.0342	2.8637	-0.006313
375.	0.	1.01683	4.9714	5.1860	3.7977	0.502	29.0759	2.8837	-0.006255
376.	0.	1.01659	4.9710	5.1860	3.7939	0.502	29.1269	2.9239	-0.006140
377.	0.	1.01684	4.9710	5.1860	3.7932	0.501	29.1382	2.9239	-0.006143
378.	0.	1.01703	4.9709	5.1860	3.7925	0.500	29.1386	2.9239	-0.006147
379.	0.	1.01721	4.9710	5.1860	3.7925	0.499	29.1026	2.9138	-0.006182
380.	0.	1.01795	4.9715	5.1860	3.7955	0.497	29.0413	2.8637	-0.006336
381.	0.	1.01827	4.9716	5.1860	3.7954	0.496	29.0407	2.8536	-0.006369
382.	0.	1.01824	4.9713	5.1860	3.7922	0.496	29.1082	2.8837	-0.006278
383.	0.	1.01820	4.9708	5.1860	3.7885	0.496	29.1959	2.9238	-0.006160
384.	0.	1.01811	4.9705	5.1860	3.7854	0.495	29.2302	2.9539	-0.006078
385.	0.	1.01875	4.9708	5.1860	3.7870	0.493	29.2198	2.9238	-0.006168
386.	0.	1.01924	4.9706	5.1860	3.7856	0.492	29.3084	2.9339	-0.006140
387.	0.	1.01888	4.9697	5.1860	3.7784	0.496	29.4619	3.0241	-0.005893
388.	0.	1.01915	4.9693	5.1860	3.7758	0.498	29.5430	3.0542	-0.005818
389.	0.	1.01960	4.9692	5.1860	3.7746	0.499	29.6054	3.0642	-0.005796
390.	0.	1.01978	4.9688	5.1860	3.7720	0.500	29.6686	3.0943	-0.005725
391.	0.	1.02003	4.9687	5.1860	3.7708	0.499	29.6876	3.1043	-0.005707
392.	0.	1.02047	4.9689	5.1860	3.7715	0.497	29.6672	3.0842	-0.005765
393.	0.	1.02094	4.9691	5.1860	3.7728	0.494	29.6289	3.0541	-0.005850
394.	0.	1.02139	4.9694	5.1860	3.7741	0.490	29.5864	3.0241	-0.005937

395.	0.	1.02195	4.9696	5.1860	3.7750	0.487	29.5958	3.0040	-0.005996
396.	0.	1.02198	4.9690	5.1860	3.7711	0.486	29.6964	3.0541	-0.005867
397.	0.	1.02210	4.9685	5.1860	3.7675	0.484	29.7994	3.1043	-0.005743
398.	0.	1.02231	4.9681	5.1860	3.7652	0.482	29.8603	3.1343	-0.005674
399.	0.	1.02276	4.9681	5.1860	3.7649	0.479	29.8957	3.1343	-0.005680
400.	0.	1.02313	4.9678	5.1860	3.7634	0.477	29.9625	3.1544	-0.005636
401.	0.	1.02321	4.9674	5.1860	3.7604	0.476	30.0174	3.1945	-0.005548
402.	0.	1.02370	4.9674	5.1860	3.7607	0.474	30.0320	3.1844	-0.005578
403.	0.	1.02396	4.9673	5.1860	3.7596	0.474	30.0507	3.1944	-0.005561
404.	0.	1.02427	4.9673	5.1860	3.7592	0.475	30.0573	3.1944	-0.005568
405.	0.	1.02462	4.9672	5.1860	3.7588	0.475	30.0699	3.1944	-0.005575
406.	0.	1.02483	4.9671	5.1860	3.7576	0.475	30.0788	3.2044	-0.005559
407.	0.	1.02523	4.9672	5.1860	3.7578	0.474	30.0770	3.1944	-0.005589
408.	0.	1.02549	4.9671	5.1860	3.7571	0.474	30.0712	3.1944	-0.005597
409.	0.	1.02604	4.9673	5.1860	3.7580	0.474	30.0764	3.1743	-0.005651
410.	0.	1.02616	4.9669	5.1860	3.7555	0.474	30.1128	3.2044	-0.005587
411.	0.	1.02652	4.9669	5.1860	3.7551	0.473	30.1224	3.2044	-0.005594
412.	0.	1.02700	4.9669	5.1860	3.7548	0.473	30.1593	3.2044	-0.005600
413.	0.	1.02729	4.9664	5.1860	3.7522	0.472	30.2437	3.2445	-0.005514
414.	0.	1.02747	4.9660	5.1860	3.7495	0.472	30.2975	3.2846	-0.005433
415.	0.	1.02807	4.9660	5.1860	3.7500	0.470	30.3335	3.2745	-0.005460
416.	0.	1.02836	4.9656	5.1860	3.7475	0.470	30.4087	3.3146	-0.005380
417.	0.	1.02867	4.9652	5.1860	3.7456	0.468	30.4617	3.3447	-0.005323
418.	0.	1.02945	4.9650	5.1860	3.7454	0.466	30.5670	3.3547	-0.005306
419.	0.	1.02970	4.9639	5.1860	3.7395	0.466	30.7321	3.4649	-0.005093
420.	0.	1.03007	4.9633	5.1860	3.7371	0.464	30.8080	3.5150	-0.005005
421.	0.	1.03063	4.9633	5.1860	3.7371	0.461	30.8501	3.5150	-0.005011
422.	0.	1.03131	4.9629	5.1860	3.7359	0.459	30.9591	3.5450	-0.004961
423.	0.	1.03153	4.9619	5.1860	3.7311	0.457	31.0625	3.6452	-0.004794
424.	0.	1.03189	4.9619	5.1860	3.7311	0.455	31.0610	3.6452	-0.004801
425.	0.	1.03272	4.9624	5.1860	3.7342	0.452	31.0842	3.5851	-0.004910
426.	0.	1.03314	4.9617	5.1860	3.7310	0.451	31.1900	3.6552	-0.004796
427.	0.	1.03345	4.9608	5.1860	3.7275	0.449	31.2690	3.7353	-0.004671
428.	0.	1.03384	4.9605	5.1860	3.7261	0.449	31.3036	3.7654	-0.004629
429.	0.	1.03431	4.9604	5.1860	3.7255	0.448	31.3310	3.7754	-0.004619
430.	0.	1.03482	4.9602	5.1860	3.7243	0.449	31.3740	3.7954	-0.004594
431.	0.	1.03512	4.9597	5.1860	3.7222	0.450	31.3953	3.8355	-0.004541
432.	0.	1.03558	4.9598	5.1860	3.7223	0.451	31.3996	3.8254	-0.004561
433.	0.	1.03599	4.9596	5.1860	3.7211	0.453	31.4226	3.8455	-0.004538
434.	0.	1.03647	4.9593	5.1860	3.7200	0.454	31.4588	3.8655	-0.004513
435.	0.	1.03693	4.9587	5.1860	3.7175	0.455	31.5183	3.9256	-0.004432
436.	0.	1.03745	4.9580	5.1860	3.7148	0.456	31.5868	3.9957	-0.004339
437.	0.	1.03780	4.9571	5.1860	3.7108	0.458	31.6353	4.0958	-0.004212
438.	0.	1.03821	4.9565	5.1860	3.7083	0.459	31.6636	4.1559	-0.004139
439.	0.	1.03848	4.9557	5.1860	3.7049	0.461	31.6705	4.2360	-0.004048
440.	0.	1.03866	4.9555	5.1860	3.7036	0.462	31.6323	4.2460	-0.004040
441.	0.	1.03896	4.9557	5.1860	3.7035	0.463	31.6068	4.2259	-0.004068
442.	0.	1.03940	4.9558	5.1860	3.7036	0.464	31.6058	4.2059	-0.004098
443.	0.	1.03981	4.9556	5.1860	3.7024	0.466	31.6150	4.2259	-0.004081
444.	0.	1.04010	4.9556	5.1860	3.7016	0.468	31.5961	4.2259	-0.004087
445.	0.	1.04042	4.9556	5.1860	3.7013	0.469	31.5817	4.2159	-0.004104
446.	0.	1.04058	4.9557	5.1860	3.7007	0.470	31.5401	4.2059	-0.004122
447.	0.	1.04059	4.9560	5.1860	3.7009	0.470	31.4598	4.1658	-0.004175
448.	0.	1.04099	4.9565	5.1860	3.7022	0.470	31.4451	4.1158	-0.004241
449.	0.	1.04149	4.9560	5.1860	3.7002	0.472	31.4922	4.1658	-0.004187
450.	0.	1.04178	4.9557	5.1860	3.6986	0.473	31.4884	4.1958	-0.004156
451.	0.	1.04184	4.9556	5.1860	3.6977	0.472	31.4341	4.1958	-0.004161
452.	0.	1.04179	4.9562	5.1860	3.6986	0.471	31.3380	4.1358	-0.004238
453.	0.	1.04212	4.9566	5.1860	3.6998	0.470	31.3110	4.0857	-0.004305
454.	0.	1.04260	4.9562	5.1860	3.6982	0.470	31.3525	4.1257	-0.004262
455.	0.	1.04304	4.9559	5.1860	3.6969	0.471	31.3789	4.1558	-0.004230
456.	0.	1.04339	4.9556	5.1860	3.6954	0.471	31.3859	4.1858	-0.004200
457.	0.	1.04367	4.9556	5.1860	3.6951	0.471	31.3673	4.1758	-0.004217
458.	0.	1.04405	4.9557	5.1860	3.6949	0.473	31.3661	4.1658	-0.004235
459.	0.	1.04434	4.9555	5.1860	3.6939	0.474	31.3577	4.1758	-0.004229
460.	0.	1.04451	4.9557	5.1860	3.6937	0.476	31.3146	4.1557	-0.004258
461.	0.	1.04450	4.9559	5.1860	3.6933	0.477	31.2421	4.1357	-0.004287

462.	0.	1.04449	4.9562	5.1860	3.6936	0.478	31.1599	4.0957	-0.004341
463.	0.	1.04455	4.9564	5.1860	3.6933	0.480	31.0984	4.0756	-0.004372
464.	0.	1.04483	4.9565	5.1860	3.6933	0.482	31.0726	4.0556	-0.004403
465.	0.	1.04513	4.9564	5.1860	3.6923	0.485	31.0662	4.0656	-0.004397
466.	0.	1.04545	4.9564	5.1860	3.6922	0.487	31.0542	4.0556	-0.004416
467.	0.	1.04570	4.9564	5.1860	3.6916	0.489	31.0348	4.0556	-0.004422
468.	0.	1.04582	4.9566	5.1860	3.6915	0.490	30.9843	4.0355	-0.004454
469.	0.	1.04614	4.9568	5.1860	3.6922	0.491	30.9617	4.0055	-0.004500
470.	0.	1.04640	4.9566	5.1860	3.6909	0.493	30.9571	4.0255	-0.004480
471.	0.	1.04659	4.9567	5.1860	3.6910	0.495	30.9176	4.0055	-0.004513
472.	0.	1.04690	4.9569	5.1860	3.6913	0.496	30.8985	3.9855	-0.004545
473.	0.	1.04730	4.9567	5.1860	3.6907	0.498	30.9141	3.9955	-0.004539
474.	0.	1.04774	4.9566	5.1860	3.6902	0.500	30.9358	4.0055	-0.004532
475.	0.	1.04795	4.9565	5.1860	3.6892	0.501	30.9149	4.0155	-0.004526
476.	0.	1.04800	4.9568	5.1860	3.6900	0.502	30.8413	3.9754	-0.004585
477.	0.	1.04804	4.9572	5.1860	3.6907	0.502	30.7634	3.9354	-0.004646
478.	0.	1.04822	4.9575	5.1860	3.6913	0.502	30.7155	3.9053	-0.004695
479.	0.	1.04846	4.9574	5.1860	3.6909	0.502	30.7018	3.9053	-0.004701
480.	0.	1.04871	4.9574	5.1860	3.6905	0.501	30.6880	3.9053	-0.004708
481.	0.	1.04904	4.9574	5.1860	3.6906	0.499	30.6833	3.8953	-0.004728
482.	0.	1.04938	4.9573	5.1860	3.6900	0.497	30.6942	3.9053	-0.004721
483.	0.	1.04975	4.9573	5.1860	3.6899	0.494	30.7065	3.9053	-0.004727
484.	0.	1.05016	4.9571	5.1860	3.6895	0.491	30.7322	3.9153	-0.004719
485.	0.	1.05064	4.9570	5.1860	3.6893	0.488	30.7703	3.9253	-0.004711
486.	0.	1.05105	4.9568	5.1860	3.6885	0.485	30.8008	3.9453	-0.004690
487.	0.	1.05140	4.9567	5.1860	3.6884	0.483	30.8071	3.9453	-0.004696
488.	0.	1.05172	4.9567	5.1860	3.6883	0.481	30.8102	3.9453	-0.004703
489.	0.	1.05198	4.9567	5.1860	3.6881	0.479	30.8004	3.9453	-0.004709
490.	0.	1.05240	4.9567	5.1860	3.6885	0.477	30.8147	3.9353	-0.004729
491.	0.	1.05289	4.9564	5.1860	3.6876	0.477	30.8669	3.9653	-0.004694
492.	0.	1.05321	4.9562	5.1860	3.6868	0.477	30.8808	3.9853	-0.004673
493.	0.	1.05340	4.9562	5.1860	3.6870	0.476	30.8559	3.9753	-0.004692
494.	0.	1.05329	4.9564	5.1860	3.6871	0.475	30.7704	3.9553	-0.004725
495.	0.	1.05314	4.9569	5.1860	3.6887	0.473	30.6509	3.8952	-0.004816
496.	0.	1.05321	4.9572	5.1860	3.6895	0.472	30.5907	3.8651	-0.004865
497.	0.	1.05321	4.9571	5.1860	3.6887	0.472	30.5452	3.8751	-0.004857
498.	0.	1.05325	4.9574	5.1860	3.6899	0.471	30.4696	3.8351	-0.004923
499.	0.	1.05338	4.9576	5.1860	3.6904	0.470	30.4254	3.8150	-0.004959
500.	0.	1.05349	4.9576	5.1860	3.6901	0.470	30.3933	3.8150	-0.004966
501.	0.	1.05364	4.9577	5.1860	3.6907	0.470	30.3526	3.7950	-0.005003
502.	0.	1.05374	4.9578	5.1860	3.6908	0.469	30.3122	3.7850	-0.005025
503.	0.	1.05374	4.9580	5.1860	3.6913	0.469	30.2476	3.7649	-0.005062
504.	0.	1.05373	4.9583	5.1860	3.6927	0.467	30.1675	3.7249	-0.005132
505.	0.	1.05384	4.9586	5.1860	3.6937	0.466	30.1154	3.6948	-0.005187
506.	0.	1.05392	4.9586	5.1860	3.6935	0.466	30.0842	3.6948	-0.005193
507.	0.	1.05394	4.9588	5.1860	3.6940	0.465	30.0250	3.6748	-0.005233
508.	0.	1.05387	4.9591	5.1860	3.6955	0.463	29.9309	3.6347	-0.005307
509.	0.	1.05402	4.9596	5.1860	3.6976	0.461	29.8545	3.5846	-0.005402
510.	0.	1.05422	4.9596	5.1860	3.6974	0.460	29.8442	3.5846	-0.005409
511.	0.	1.05427	4.9594	5.1860	3.6967	0.460	29.8145	3.5946	-0.005398
512.	0.	1.05457	4.9598	5.1860	3.6985	0.459	29.7734	3.5545	-0.005477
513.	0.	1.05478	4.9597	5.1860	3.6979	0.457	29.7751	3.5645	-0.005465
514.	0.	1.05493	4.9596	5.1860	3.6978	0.455	29.7554	3.5645	-0.005472
515.	0.	1.05514	4.9598	5.1860	3.6987	0.453	29.7199	3.5445	-0.005516
516.	0.	1.05528	4.9599	5.1860	3.6990	0.452	29.6842	3.5345	-0.005542
517.	0.	1.05529	4.9601	5.1860	3.6997	0.450	29.6141	3.5144	-0.005587
518.	0.	1.05533	4.9606	5.1860	3.7019	0.449	29.5032	3.4643	-0.005692
519.	0.	1.05540	4.9611	5.1860	3.7043	0.448	29.3952	3.4142	-0.005801
520.	0.	1.05530	4.9614	5.1860	3.7056	0.446	29.2846	3.3841	-0.005872
521.	0.	1.05564	4.9619	5.1860	3.7088	0.446	29.1975	3.3240	-0.006010
522.	0.	1.05579	4.9618	5.1860	3.7082	0.447	29.1993	3.3340	-0.005995
523.	0.	1.05565	4.9617	5.1860	3.7074	0.446	29.1474	3.3440	-0.005981
524.	0.	1.05611	4.9624	5.1860	3.7116	0.446	29.0644	3.2739	-0.006146
525.	0.	1.05625	4.9623	5.1860	3.7109	0.446	29.0689	3.2839	-0.006130
526.	0.	1.05619	4.9621	5.1860	3.7103	0.445	29.0348	3.2939	-0.006114
527.	0.	1.05621	4.9627	5.1860	3.7132	0.443	28.9106	3.2438	-0.006238
528.	0.	1.05644	4.9634	5.1860	3.7175	0.440	28.7714	3.1736	-0.006417



529.	0.	1.05659	4.9637	5.1860	3.7195	0.438	28.7052	3.1435	-0.006500
530.	0.	1.05645	4.9636	5.1860	3.7187	0.438	28.6701	3.1535	-0.006481
531.	0.	1.05656	4.9639	5.1860	3.7206	0.436	28.5968	3.1234	-0.006564
532.	0.	1.05667	4.9642	5.1860	3.7226	0.433	28.5214	3.0934	-0.006649
533.	0.	1.05666	4.9644	5.1860	3.7239	0.431	28.4486	3.0733	-0.006709
534.	0.	1.05671	4.9647	5.1860	3.7260	0.427	28.3634	3.0432	-0.006797
535.	0.	1.05665	4.9651	5.1860	3.7280	0.424	28.2591	3.0131	-0.006886
536.	0.	1.05690	4.9656	5.1860	3.7316	0.420	28.1552	2.9630	-0.007038
537.	0.	1.05685	4.9657	5.1860	3.7323	0.419	28.1089	2.9529	-0.007070
538.	0.	1.05659	4.9658	5.1860	3.7322	0.418	28.0541	2.9529	-0.007072
539.	0.	1.05671	4.9663	5.1860	3.7352	0.416	27.9530	2.9128	-0.007198
540.	0.	1.05656	4.9666	5.1860	3.7375	0.413	27.8326	2.8827	-0.007295
541.	0.	1.05664	4.9672	5.1860	3.7414	0.410	27.6918	2.8325	-0.007460
542.	0.	1.05632	4.9677	5.1860	3.7437	0.407	27.5517	2.8024	-0.007559
543.	0.	1.05629	4.9683	5.1860	3.7477	0.404	27.3953	2.7523	-0.007731
544.	0.	1.05592	4.9688	5.1860	3.7501	0.402	27.2604	2.7222	-0.007831
545.	0.	1.05551	4.9693	5.1860	3.7524	0.401	27.1270	2.6921	-0.007929
546.	0.	1.05493	4.9698	5.1860	3.7547	0.399	26.9725	2.6620	-0.008027
547.	0.	1.05445	4.9706	5.1860	3.7586	0.398	26.7573	2.6118	-0.008208
548.	0.	1.05419	4.9717	5.1860	3.7641	0.401	26.4916	2.5415	-0.008480
549.	0.	1.05370	4.9728	5.1860	3.7686	0.406	26.2654	2.4813	-0.008707
550.	0.	1.05203	4.9735	5.1860	3.7680	0.409	26.1084	2.4713	-0.008690
551.	0.	1.05038	4.9744	5.1860	3.7694	0.412	25.8920	2.4412	-0.008759
552.	0.	1.04908	4.9759	5.1860	3.7744	0.421	25.5263	2.3710	-0.009030
553.	0.	1.04848	4.9782	5.1860	3.7836	0.443	25.0240	2.2504	-0.009584
554.	0.	1.04599	4.9809	5.1860	3.7895	0.474	24.4545	2.1500	-0.009999
555.	0.	1.04311	4.9844	5.1860	3.7959	0.541	23.6798	2.0194	-0.010608
556.	0.	1.04147	4.9861	5.1860	3.8024	0.712	22.5954	1.8282	-0.011761
557.	0.	1.03887	4.9872	5.1860	3.7934	1.041	21.3704	1.6068	-0.013152
558.	0.	1.02868	4.9876	5.1860	3.7450	1.444	20.3252	1.4568	-0.013190
559.	0.	1.00997	4.9944	5.1860	3.6778	1.915	19.5651	1.3180	-0.012026
560.	0.	0.97590	5.0012	5.1860	3.6013	2.339	19.1677	1.2616	-0.008364
561.	0.	0.94093	5.0060	5.1860	3.5246	2.779	18.7440	1.1853	-0.004715
562.	0.	0.90881	5.0084	5.1860	3.4171	3.134	17.9949	1.0487	-0.001305
563.	0.	0.83438	5.0158	5.1860	3.3897	2.568	15.3262	0.6944	0.004381
564.	0.	0.38084	5.1052	5.1860	3.7287	355.211	17.6716	0.2556	0.085602