

Test Name	BRK, PIR, rep 3
Cladding	Brick
Cladding Thickness [mm]	102
Insulation	Polyisocyanurate (PIR) foam
Insulation Thickness [mm]	100
Cavity Width [mm]	50
Repetition Number	3
Mass Flow Rate (Propane)	0.2
Description	This experiment is on a system consisting of a Brick cladding and a Polyisocyanurate (PIR) foam insulation panel, separated with a cavity of 50 mm width. It is the third repetition of this system configuration.
Experiment Notes	There were no noticeable observations for this test.
Peak HRR [kW]	3.95
Time to Peak HRR [mins]	0.52
Residual HRR [kW]	2.22
Total HR [MJ]	0.115
Peak dQ/dt [kW/s]	0.135
Time to Peak dQ/dt [s]	1.02

Test Time [s]	Heat Release Rate HRR [kW]	HRR Smoothed [kW]	Mass Rainscreen [kg]	Mass Insulation [kg]	Mass Drip Tray [kg]	Mass Total [kg]	MLR Rainscreen Smoothed 100pt [g/s]	MLR Insulation Smoothed 100pt [g/s]	MLR Drip Tray Smoothed 100pt [g/s]	MLR Total Smoothed 100pt [g/s]
0	0.618	0.618	1	1.8603	0.0002	2.8605	0	0.3838	0	0.3838
1	0.702	0.64	1	1.86	0.0002	2.8602	0	0.39	0	0.39
2	0.6	0.731	1	1.8595	0.0002	2.8597	0	0.3865	0	0.3865
3	0.741	0.875	1	1.8583	0.0003	2.8586	0	0.3771	0	0.3771
4	0.993	1.02	1	1.8571	0.0003	2.8574	0	0.3649	0	0.3649
5	1.2	1.46	1	1.8566	0.0003	2.8569	0	0.3575	0	0.3575
6	1.28	2.17	1	1.8558	0.0003	2.8561	0	0.346	0	0.346
7	1.29	2.92	0.9999	1.8549	0.0003	2.855	0	0.334	0	0.334
8	1.75	3.68	0.9997	1.8542	0.0003	2.8542	0	0.3215	0	0.3215
9	2.58	4.42	0.9999	1.8535	0.0003	2.8537	0	0.3137	0	0.3137
10	4.28	5.03	1	1.8529	0.0003	2.8532	0	0.303	0	0.303
11	5.54	5.62	1	1.8524	0.0003	2.8527	0	0.2921	0	0.2921
12	6.6	6.22	1	1.8515	0.0003	2.8518	0	0.2874	0	0.2874
13	7.51	6.83	1	1.851	0.0003	2.8513	0	0.2794	0	0.2794
14	8.09	7.4	1	1.8508	0.0002	2.851	0	0.2729	0	0.2729
15	9.19	8	1	1.8508	0.0002	2.851	-0.0011	0.2664	0	0.2652
16	9.67	8.58	1	1.8504	0.0002	2.8506	-0.0002	0.2603	0	0.26
17	10.2	9.16	1	1.8502	0.0001	2.8503	0	0.2576	0	0.2576
18	11.2	9.72	1	1.8498	0.0001	2.8499	-0.0001	0.2505	-0.0015	0.249
19	12.2	10.2	1	1.8494	0.0001	2.8495	-0.0014	0.2392	-0.0014	0.2363
20	11.8	10.7	1	1.8493	0.0001	2.8494	-0.0011	0.2398	-0.0014	0.2373
21	12.2	11.1	1	1.849	0.0002	2.8492	-0.0005	0.2385	-0.0014	0.2366
22	12.3	11.4	1	1.8485	0.0002	2.8487	-0.0007	0.237	-0.0014	0.2349
23	11.8	11.7	1	1.8485	0.0002	2.8487	0	0.2329	-0.0006	0.2324
24	12.5	11.9	1	1.848	0.0002	2.8483	0	0.2329	0	0.2329
25	12.4	12.1	1.0001	1.848	0.0002	2.8484	0	0.2315	0	0.2315
26	12.3	12.3	1.0001	1.8477	0.0003	2.8481	0	0.232	0	0.232
27	12.3	12.4	1.0001	1.8475	0.0003	2.8479	0	0.2359	0	0.2359
28	12.4	12.4	1.0001	1.847	0.0003	2.8474	0	0.2372	0.0013	0.2385

29	12.8	12.4	1.0001	1.8466	0.0002	2.8469	0	0.239	0.001	0.24
30	13	12.5	1.0001	1.8466	0.0002	2.8469	0	0.2405	0	0.2405
31	12.2	12.5	1.0001	1.8467	0.0002	2.847	0	0.2472	0	0.2472
32	13.2	12.4	1.0001	1.8466	0.0002	2.8469	0	0.2435	-0.0006	0.2428
33	12.7	12.5	1.0001	1.8467	0.0002	2.847	0	0.2376	-0.0012	0.2364
34	12.7	12.4	1	1.8465	0.0002	2.8467	-0.0008	0.2322	-0.0012	0.2302
35	12.9	12.4	1	1.8464	0.0002	2.8466	-0.0012	0.2303	-0.0012	0.2279
36	12.2	12.4	1	1.8465	0.0002	2.8467	-0.0002	0.2286	-0.0012	0.2273
37	12.2	12.3	1	1.8468	0.0002	2.847	0	0.2239	-0.0011	0.2228
38	12.4	12.3	1.0001	1.8467	0.0002	2.8469	0	0.2202	-0.0011	0.219
39	12.4	12.3	1.0001	1.8464	0.0002	2.8467	-0.001	0.2232	-0.001	0.2212
40	12.1	12.2	1.0001	1.8461	0.0003	2.8464	0	0.222	0	0.222
41	12	12.2	1	1.8458	0.0002	2.8461	0	0.2203	-0.0004	0.22
42	12	12.1	1.0001	1.8455	0.0003	2.8459	0	0.2101	-0.0011	0.209
43	11.9	12.1	1	1.8449	0.0002	2.8451	0	0.2078	-0.0005	0.2073
44	11.5	12	1	1.8442	0.0002	2.8444	0	0.2043	0	0.2043
45	11.9	12	1	1.8446	0.0002	2.8448	0	0.2023	0	0.2023
46	11.6	11.9	1.0001	1.8441	0.0002	2.8444	0	0.2042	0	0.2042
47	12	11.9	1.0001	1.8436	0.0002	2.8439	0	0.2007	0	0.2007
48	12	11.8	1	1.8433	0.0002	2.8435	0	0.1955	0	0.1955
49	11.5	11.8	1	1.8429	0.0002	2.8431	0	0.1941	0	0.1941
50	12	11.7	1	1.8422	0.0002	2.8424	0	0.1929	0	0.1929
51	11.9	11.7	1	1.842	0.0002	2.8422	0	0.1676	0	0.1676
52	12.3	11.6	1	1.8421	0.0002	2.8423	0	0.1611	-0.0005	0.1606
53	11.6	11.5	1	1.8424	0.0002	2.8426	0	0.1563	-0.0008	0.1555
54	11.7	11.5	1	1.8425	0.0002	2.8427	0	0.1437	0	0.1437
55	11.7	11.5	1	1.8427	0.0002	2.8429	0	0.1342	0	0.1342
56	11.3	11.5	1	1.8431	0.0002	2.8433	0	0.1307	0	0.1307
57	11.2	11.4	1	1.8435	0.0002	2.8437	0	0.1159	0	0.1159
58	11.3	11.3	1	1.8436	0.0002	2.8438	-0.0015	0.1075	0	0.106
59	11.1	11.2	1	1.8439	0.0002	2.8441	-0.0028	0.1023	0	0.0994
60	11.3	11.2	1	1.8443	0.0002	2.8445	-0.0011	0.096	0	0.0949
61	10.8	11.1	1	1.8443	0.0002	2.8445	0	0.0891	0	0.0891
62	10.8	11	1	1.8445	0.0002	2.8447	0	0.0839	0.0004	0.0843
63	11.1	10.9	1	1.8447	0.0002	2.8449	0	0.0785	0.0005	0.079
64	11.4	10.9	1.0001	1.8448	0.0002	2.8451	0	0.0743	-0.0004	0.0739
65	10.9	10.8	1	1.8449	0.0002	2.8452	0	0.0703	-0.001	0.0693

66	10.4	10.8	1	1.8449	0.0002	2.8451	0	0.0685	-0.001	0.0675
67	10.6	10.8	1	1.8451	0.0003	2.8454	0	0.0656	-0.001	0.0646
68	10.4	10.7	1.0001	1.8456	0.0003	2.846	0	0.0626	-0.0017	0.0608
69	10.6	10.7	1.0001	1.8453	0.0003	2.8457	0	0.0601	-0.002	0.0581
70	10.1	10.7	1	1.8452	0.0003	2.8455	0	0.064	-0.002	0.062
71	10.3	10.7	1.0001	1.8451	0.0003	2.8454	0	0.0678	-0.0019	0.0659
72	10.5	10.7	1	1.8451	0.0002	2.8454	0	0.0634	-0.001	0.0624
73	10.6	10.7	1	1.8449	0.0002	2.8451	0	0.0582	-0.001	0.0572
74	10.2	10.7	1	1.8448	0.0002	2.845	0	0.0591	-0.001	0.0581
75	11.1	10.7	1	1.8445	0.0002	2.8447	0.0003	0.0545	-0.001	0.0538
76	10.8	10.7	1	1.8439	0.0002	2.8441	0.001	0.0587	-0.0006	0.059
77	10.7	10.7	1	1.8436	0.0001	2.8437	0.001	0.0557	0	0.0567
78	11.2	10.7	1	1.8432	0.0001	2.8434	0.001	0.053	0	0.054
79	10.5	10.7	1	1.8429	0.0002	2.8431	0.001	0.05	0	0.051
80	10.8	10.8	1	1.8421	0.0002	2.8423	0.001	0.0449	-0.0007	0.0452
81	11.4	10.8	1	1.8421	0.0002	2.8424	0.0009	0.0516	-0.001	0.0515
82	11.1	10.8	1	1.8424	0.0003	2.8427	0	0.0515	-0.001	0.0505
83	10.9	10.8	1.0001	1.8426	0.0003	2.843	0	0.0517	-0.001	0.0507
84	10.7	10.8	1.0001	1.8425	0.0003	2.8429	-0.0001	0.0524	-0.001	0.0513
85	10.7	10.8	1	1.8425	0.0003	2.8428	-0.001	0.0493	-0.001	0.0473
86	10.7	10.8	1	1.8426	0.0003	2.8429	-0.001	0.0487	-0.001	0.0467
87	10.7	10.9	1	1.8427	0.0003	2.843	-0.0002	0.0516	-0.001	0.0504
88	11.1	10.9	1.0001	1.8423	0.0003	2.8426	0.0004	0.0603	-0.001	0.0597
89	10.5	10.9	1	1.8421	0.0002	2.8423	0.0005	0.0648	0	0.0653
90	10.5	10.9	1	1.8421	0.0002	2.8423	0.0006	0.0663	0	0.0669
91	10.8	10.9	1	1.8428	0.0003	2.8431	0.001	0.0719	0.0006	0.0736
92	11	10.8	1	1.8428	0.0002	2.843	0.0003	0.0667	0.0001	0.0671
93	10.7	10.8	1	1.8429	0.0002	2.8431	0.0005	0.0673	-0.0002	0.0677
94	11	10.8	1	1.8429	0.0002	2.8431	-0.0009	0.0665	-0.0009	0.0646
95	10.7	10.8	1	1.8425	0.0002	2.8427	-0.0005	0.0567	-0.001	0.0552
96	11.7	10.8	1	1.8426	0.0002	2.8428	0.0001	0.0608	-0.0004	0.0605
97	11.1	10.8	1	1.843	0.0002	2.8432	0.0017	0.0544	0.0007	0.0567
98	10.6	10.8	1	1.8429	0.0002	2.8431	0.0017	0.0519	0.0002	0.0538
99	10.8	10.8	1	1.8428	0.0002	2.843	0.0001	0.0513	0	0.0515
100	11.1	10.8	1	1.8435	0.0002	2.8437	0.001	0.0448	0	0.0458
101	10.7	10.8	1	1.8439	0.0002	2.8441	0.0011	0.0405	-0.0001	0.0415
102	10.4	10.8	1	1.8438	0.0003	2.8441	0.002	0.037	-0.001	0.038

103	10.3	10.9	1	1.8439	0.0003	2.8442	0.002	0.038	-0.0008	0.0393
104	10.1	10.9	1	1.8437	0.0003	2.844	0.002	0.034	0	0.036
105	10.8	10.9	1	1.8436	0.0003	2.8439	0.002	0.0299	0	0.0319
106	10.5	10.9	1	1.8442	0.0003	2.8445	0.0016	0.0331	0	0.0347
107	11.3	10.8	1	1.8441	0.0003	2.8444	0.001	0.032	0	0.033
108	11.1	10.9	1	1.844	0.0003	2.8443	0.001	0.0346	0	0.0356
109	10.9	10.8	1	1.8439	0.0003	2.8442	0.001	0.0343	0	0.0353
110	10.8	10.8	1	1.844	0.0003	2.8443	0.0004	0.0346	0	0.035
111	11	10.9	1	1.844	0.0003	2.8443	0	0.0368	0	0.0368
112	11.2	10.9	1	1.8437	0.0003	2.8439	0	0.0332	0	0.0332
113	11.1	10.9	1	1.8436	0.0003	2.8439	0	0.0336	-0.0007	0.0328
114	11	10.9	1	1.8438	0.0003	2.8441	0	0.0358	-0.001	0.0348
115	11.2	10.9	1	1.8439	0.0003	2.8442	0.0007	0.0432	-0.001	0.0429
116	10.9	10.9	1	1.8439	0.0003	2.8442	0.0002	0.0508	-0.001	0.05
117	10.9	10.9	1	1.8439	0.0003	2.8442	0	0.0562	-0.001	0.0552
118	10.7	10.8	1	1.8438	0.0003	2.8441	0	0.0609	0	0.0609
119	10.9	10.8	1	1.843	0.0003	2.8433	0.001	0.072	0	0.073
120	11.4	10.8	1	1.8426	0.0003	2.8429	0.0007	0.0723	0	0.0731
121	10.9	10.7	1	1.8426	0.0003	2.8429	0.0004	0.0766	0	0.077
122	10.6	10.7	1	1.8427	0.0003	2.843	0.0005	0.0795	0	0.08
123	10.3	10.7	1	1.8426	0.0003	2.8429	0	0.0811	-0.0006	0.0805
124	10.4	10.6	1	1.8426	0.0003	2.8429	0	0.0776	-0.001	0.0766
125	10.6	10.6	1	1.8422	0.0003	2.8425	0	0.075	-0.001	0.074
126	10.6	10.6	1	1.8421	0.0003	2.8424	0	0.073	-0.001	0.072
127	10.6	10.6	1	1.8422	0.0003	2.8425	-0.0007	0.0724	-0.0017	0.0699
128	10.4	10.5	1	1.842	0.0003	2.8423	-0.001	0.0673	-0.0022	0.0641
129	10	10.5	1	1.8421	0.0003	2.8424	-0.001	0.0628	-0.0027	0.0591
130	10.1	10.5	1	1.8415	0.0003	2.8418	-0.001	0.0602	-0.002	0.0572
131	10.5	10.4	1.0001	1.8415	0.0003	2.8419	-0.001	0.0486	-0.001	0.0466
132	10.8	10.4	1.0001	1.8414	0.0003	2.8418	-0.001	0.0537	-0.0005	0.0522
133	10.3	10.4	1.0001	1.8415	0.0003	2.8419	-0.001	0.0525	0	0.0515
134	10.3	10.4	1.0001	1.8416	0.0003	2.842	-0.0001	0.0562	0	0.0561
135	10.4	10.3	1.0001	1.8415	0.0003	2.8419	0.001	0.0573	0	0.0583
136	10.6	10.3	1	1.8413	0.0003	2.8416	0.0002	0.0568	0	0.057
137	10.4	10.2	1	1.8407	0.0003	2.841	0	0.0627	0.0004	0.0631
138	10.9	10.2	1	1.8402	0.0002	2.8404	0	0.0658	0.0005	0.0664
139	10.5	10.2	1	1.8398	0.0002	2.84	0.0009	0.0603	-0.0001	0.0611

140	9.76	10.2	1	1.8389	0.0002	2.8391	0	0.0603	-0.001	0.0593
141	10.5	10.2	1	1.8391	0.0002	2.8394	0	0.0618	-0.0007	0.0611
142	9.94	10.1	1	1.8388	0.0003	2.8391	0	0.0672	0	0.0672
143	9.84	10.1	1.0001	1.8382	0.0003	2.8386	0	0.0663	-0.0006	0.0658
144	9.41	10.1	1.0001	1.8385	0.0003	2.8389	0	0.0667	-0.0019	0.0649
145	9.8	10.1	1	1.8385	0.0002	2.8388	0	0.0665	-0.002	0.0645
146	9.74	10	0.9999	1.8386	0.0001	2.8387	0	0.0597	-0.0019	0.0577
147	9.62	10	0.9999	1.8384	0.0002	2.8385	0	0.0628	-0.001	0.0618
148	10.3	9.97	1	1.8382	0.0002	2.8384	0	0.0641	-0.001	0.0631
149	9.74	9.95	0.9999	1.8384	0.0002	2.8385	0	0.0616	-0.001	0.0606
150	10.2	10	0.9999	1.8382	0.0002	2.8383	0	0.0623	-0.001	0.0613
151	10.2	10	0.9998	1.8383	0.0003	2.8384	0	0.0672	-0.001	0.0662
152	10.1	10	0.9998	1.8383	0.0003	2.8384	0	0.0744	-0.0005	0.0739
153	10.1	10.1	0.9998	1.839	0.0002	2.839	0	0.0784	0	0.0784
154	9.64	10.1	0.9998	1.8395	0.0002	2.8395	0	0.082	0	0.082
155	9.93	10.2	0.9998	1.8394	0.0002	2.8395	0	0.0812	0	0.0812
156	10	10.2	0.9999	1.8399	0.0002	2.84	0.0007	0.0808	0	0.0816
157	10.1	10.2	0.9999	1.84	0.0002	2.8401	0.001	0.0855	0	0.0865
158	10.2	10.3	0.9999	1.8402	0.0002	2.8403	0.0001	0.0821	0	0.0821
159	10.6	10.3	1	1.8405	0.0002	2.8406	0	0.0806	0	0.0806
160	10.6	10.3	1	1.8406	0.0002	2.8408	0	0.0822	0	0.0822
161	10.4	10.4	1	1.841	0.0002	2.8412	0	0.0833	0	0.0833
162	10.6	10.4	1	1.8412	0.0003	2.8414	0	0.0878	-0.0004	0.0873
163	10.8	10.4	1	1.8411	0.0003	2.8414	0	0.089	-0.0008	0.0883
164	10.3	10.5	1	1.8405	0.0003	2.8408	0	0.0893	-0.001	0.0883
165	10.5	10.5	1	1.8399	0.0003	2.8402	0	0.0925	-0.001	0.0915
166	10.3	10.6	1	1.8392	0.0003	2.8395	0	0.0977	-0.0006	0.0972
167	10.7	10.6	1	1.839	0.0003	2.8393	0	0.0986	0	0.0986
168	10.7	10.6	1	1.8384	0.0003	2.8387	0	0.0999	0	0.0999
169	10.6	10.6	1	1.8381	0.0003	2.8384	0	0.0979	0	0.0979
170	10.6	10.6	1	1.8375	0.0003	2.8378	0	0.0906	0	0.0906
171	10.7	10.6	1	1.8371	0.0003	2.8374	0	0.0863	0	0.0863
172	10.8	10.5	1	1.837	0.0003	2.8373	0	0.0843	0	0.0843
173	10.6	10.4	1	1.8371	0.0003	2.8374	-0.0009	0.0841	-0.0009	0.0823
174	10.8	10.4	1	1.8373	0.0003	2.8376	-0.0001	0.0882	-0.0001	0.088
175	11	10.4	1	1.8372	0.0003	2.8375	0	0.0922	0	0.0922
176	10.6	10.4	1.0001	1.8367	0.0004	2.8372	0	0.0844	0	0.0844

177	10.6	10.3	1.0001	1.8369	0.0003	2.8373	0	0.0898	0	0.0898
178	10	10.3	1.0001	1.837	0.0004	2.8374	0	0.0914	0	0.0914
179	10.4	10.3	1.0001	1.8369	0.0004	2.8374	0	0.0904	0	0.0904
180	9.83	10.2	1.0001	1.8372	0.0003	2.8376	0	0.0898	0	0.0898
181	9.75	10.2	1.0001	1.8368	0.0003	2.8372	-0.0002	0.0839	0	0.0837
182	9.48	10.1	1.0001	1.8371	0.0003	2.8375	0.0004	0.0851	0	0.0855
183	9.6	10.1	1.0001	1.837	0.0003	2.8374	0.001	0.0843	0	0.0853
184	10.1	10.1	1	1.8368	0.0003	2.8371	0.001	0.0831	0	0.0841
185	9.94	10	1	1.8368	0.0003	2.8371	0.0016	0.0792	0	0.0808
186	9.94	9.99	1	1.8364	0.0003	2.8366	0.002	0.0709	0	0.0729
187	9.91	9.96	1	1.8362	0.0002	2.8364	0.0012	0.067	0	0.0682
188	10.1	9.96	1	1.8362	0.0003	2.8365	0.001	0.0635	0	0.0645
189	9.91	9.93	1	1.8361	0.0003	2.8364	0.001	0.0645	-0.001	0.0645
190	9.76	9.92	1	1.8359	0.0003	2.8362	0.001	0.0694	-0.001	0.0694
191	9.71	9.93	1	1.8361	0.0003	2.8364	0.001	0.061	-0.001	0.061
192	10.1	9.98	1	1.8362	0.0003	2.8365	0.001	0.0611	-0.0008	0.0613
193	10.5	10	1	1.8362	0.0004	2.8366	0.001	0.0597	0	0.0607
194	10.1	10.1	1	1.8363	0.0004	2.8367	0.0013	0.058	0	0.0593
195	10.1	10.1	1	1.8365	0.0004	2.8369	0.0011	0.0618	0	0.0629
196	9.99	10.1	1	1.8364	0.0003	2.8367	0	0.0586	-0.0006	0.058
197	9.98	10.2	1	1.8365	0.0003	2.8368	-0.0012	0.0591	-0.0017	0.0562
198	9.94	10.2	1	1.8367	0.0003	2.837	-0.0014	0.0579	-0.0012	0.0553
199	9.6	10.2	1	1.8366	0.0003	2.8369	-0.0001	0.0534	-0.001	0.0523
200	9.93	10.3	1	1.8368	0.0003	2.8371	-0.001	0.0558	-0.001	0.0538
201	10.5	10.4	1	1.8365	0.0003	2.8368	-0.0011	0.0559	-0.0009	0.0539
202	10.5	10.4	1	1.836	0.0003	2.8363	-0.0029	0.0558	0	0.0529
203	10.5	10.4	1	1.8357	0.0003	2.836	-0.003	0.0508	-0.0002	0.0475
204	10.5	10.4	1	1.8356	0.0003	2.8359	-0.0029	0.0543	-0.001	0.0503
205	10.4	10.4	0.9999	1.8355	0.0003	2.8357	-0.002	0.0567	-0.001	0.0537
206	10.8	10.4	0.9999	1.8357	0.0003	2.8359	-0.0019	0.0588	-0.001	0.0559
207	10.6	10.4	1	1.8359	0.0003	2.8362	-0.0016	0.0641	-0.001	0.0615
208	11	10.4	1	1.8359	0.0003	2.8362	-0.001	0.066	-0.001	0.064
209	11.1	10.4	1	1.8357	0.0003	2.836	-0.001	0.0684	-0.001	0.0664
210	10.6	10.4	1	1.8357	0.0003	2.836	-0.0004	0.0702	-0.001	0.0688
211	10.4	10.4	1	1.8352	0.0003	2.8355	0	0.0667	-0.001	0.0657
212	10.7	10.4	1	1.8348	0.0003	2.8351	0	0.0692	-0.001	0.0682
213	10.2	10.3	1	1.8347	0.0004	2.8351	0	0.0691	-0.0003	0.0689

214	9.97	10.3	1	1.8345	0.0004	2.8349	0	0.0661	0	0.0661
215	10	10.3	1	1.8342	0.0004	2.8345	0	0.0593	0	0.0593
216	10.1	10.2	1	1.834	0.0003	2.8343	0	0.0534	0	0.0534
217	10.1	10.2	1	1.834	0.0003	2.8343	0	0.048	0	0.048
218	10.2	10.1	1	1.834	0.0003	2.8343	0	0.0412	0	0.0412
219	10	10	1	1.8339	0.0003	2.8342	0	0.0333	0	0.0333
220	9.8	10	1	1.8339	0.0003	2.8342	0	0.0305	-0.0005	0.03
221	9.72	10	1	1.8342	0.0003	2.8345	-0.0006	0.0233	-0.001	0.0217
222	9.85	9.94	1.0001	1.8343	0.0004	2.8347	-0.0003	0.0188	-0.001	0.0175
223	9.52	9.94	1	1.8338	0.0003	2.8341	-0.0008	0.0191	-0.001	0.0173
224	10.3	9.94	1	1.8334	0.0003	2.8337	-0.001	0.017	-0.001	0.015
225	9.83	9.9	1	1.8337	0.0003	2.834	-0.001	0.018	-0.001	0.016
226	9.96	9.89	1	1.8332	0.0003	2.8335	-0.001	0.0116	-0.001	0.0096
227	9.75	9.88	1	1.8331	0.0003	2.8334	-0.0003	0.0075	-0.0003	0.007
228	9.8	9.86	1	1.8329	0.0003	2.8332	0	0.0074	-0.0008	0.0066
229	10.1	9.84	1	1.8332	0.0003	2.8335	0.0001	0.0089	-0.0001	0.0089
230	10	9.85	1	1.8331	0.0003	2.8334	0.001	0.0067	0	0.0077
231	9.6	9.85	1.0001	1.833	0.0003	2.8334	0.0009	0.0084	-0.001	0.0083
232	10.2	9.85	1	1.833	0.0003	2.8333	0.0002	0.0069	-0.001	0.0061
233	9.88	9.9	1	1.8332	0.0003	2.8335	0.0008	0.0093	-0.001	0.0091
234	9.4	9.91	0.9999	1.8337	0.0003	2.8339	-0.0002	0.0088	-0.001	0.0076
235	9.85	9.95	0.9999	1.8344	0.0003	2.8346	-0.001	0.0056	-0.001	0.0036
236	9.88	9.97	0.9999	1.8346	0.0003	2.8348	-0.0006	0.0078	-0.001	0.0062
237	9.85	10	0.9999	1.8344	0.0003	2.8346	-0.0005	0.0077	-0.0014	0.0057
238	9.69	10	0.9999	1.8337	0.0003	2.8339	-0.001	0.0116	-0.0015	0.0091
239	10	10.1	0.9999	1.8329	0.0003	2.8331	-0.0003	0.0157	-0.0003	0.0151
240	9.57	10.1	0.9999	1.8328	0.0003	2.833	0	0.0183	0	0.0183
241	9.9	10.1	0.9999	1.833	0.0003	2.8332	0	0.012	0	0.012
242	10.4	10.1	0.9999	1.8328	0.0003	2.833	0	0.0138	0	0.0138
243	10.5	10.1	1	1.8324	0.0003	2.8327	0	0.0141	0	0.0141
244	10.6	10.1	0.9999	1.8323	0.0003	2.8326	-0.001	0.0149	0.0009	0.0148
245	10.3	10	1	1.8327	0.0003	2.833	0	0.0168	0.001	0.0178
246	10.4	10	1.0001	1.8327	0.0003	2.8331	0	0.0167	0.0009	0.0177
247	10.5	10	1	1.8326	0.0003	2.833	0	0.0204	0	0.0204
248	10.5	10	1	1.8328	0.0003	2.8331	0.0003	0.0217	0	0.022
249	10.1	9.96	1	1.8329	0.0003	2.8332	0.001	0.0208	0	0.0218
250	10.3	9.96	1	1.8326	0.0003	2.8329	0.001	0.0204	0	0.0214

251	9.76	9.91	1.0001	1.8327	0.0003	2.8331	0.0005	0.0242	0	0.0247
252	9.83	9.83	1.0001	1.8332	0.0003	2.8336	0	0.021	-0.0006	0.0204
253	9.39	9.74	1.0001	1.8336	0.0003	2.834	0	0.0135	-0.0004	0.0131
254	9.02	9.68	1	1.8338	0.0003	2.8341	0	0.0149	0	0.0149
255	9.59	9.66	1	1.8336	0.0003	2.8339	0	0.014	0	0.014
256	9.82	9.61	1.0001	1.8335	0.0003	2.8338	-0.0007	0.0131	0	0.0123
257	9.39	9.59	1	1.8334	0.0003	2.8337	-0.0001	0.0145	0	0.0145
258	9.28	9.55	1	1.8333	0.0003	2.8336	0.0009	0.0147	0	0.0156
259	9.63	9.54	1	1.8335	0.0003	2.8338	0.0011	0.0096	0	0.0107
260	8.92	9.53	1	1.8339	0.0003	2.8342	0.002	0.0041	0	0.0061
261	8.84	9.55	1	1.8341	0.0003	2.8344	0.0017	0.0025	-0.0003	0.0039
262	8.92	9.56	1	1.8342	0.0003	2.8345	0.001	-0.0065	-0.001	-0.0065
263	9.31	9.57	1	1.8345	0.0003	2.8348	0.001	-0.0121	-0.0002	-0.0113
264	10.1	9.63	1	1.8346	0.0003	2.8349	0.001	-0.0148	0.0004	-0.0134
265	9.46	9.65	1	1.8345	0.0003	2.8348	0.001	-0.015	0	-0.014
266	10.2	9.7	1	1.8344	0.0003	2.8347	0.001	-0.0179	-0.0004	-0.0173
267	9.68	9.76	1	1.8349	0.0003	2.8352	0.001	-0.0195	-0.0002	-0.0187
268	9.92	9.83	1	1.8351	0.0003	2.8354	0.001	-0.0228	0	-0.0218
269	10.1	9.87	1	1.835	0.0003	2.8354	0.0001	-0.0233	0	-0.0233
270	10.1	9.93	1.0001	1.8352	0.0004	2.8357	0.001	-0.0244	0	-0.0234
271	9.98	10	1	1.8352	0.0004	2.8357	0.0009	-0.0253	0	-0.0244
272	9.64	10.1	1.0001	1.8351	0.0004	2.8356	0	-0.022	0	-0.022
273	10.2	10.2	1.0001	1.8354	0.0004	2.8359	0.0009	-0.0181	0.0009	-0.0163
274	9.86	10.2	1.0001	1.8355	0.0004	2.836	0.0001	-0.0202	-0.0003	-0.0204
275	10.9	10.3	1.0001	1.836	0.0004	2.8365	0	-0.023	-0.001	-0.024
276	10.5	10.3	1.0001	1.836	0.0004	2.8365	0	-0.0167	-0.001	-0.0177
277	10.7	10.4	1.0001	1.8361	0.0004	2.8366	0	-0.0198	-0.001	-0.0208
278	10.3	10.4	1.0001	1.8361	0.0004	2.8366	0.0007	-0.0166	-0.001	-0.0169
279	10.1	10.5	1	1.8362	0.0004	2.8366	0.001	-0.018	-0.0002	-0.0172
280	10.6	10.5	1	1.8364	0.0004	2.8368	0.001	-0.0135	0	-0.0125
281	10.3	10.6	1.0001	1.8361	0.0004	2.8366	0.0014	-0.0092	0	-0.0078
282	10.5	10.6	1	1.8362	0.0004	2.8366	0.0016	-0.0067	0	-0.0051
283	10.9	10.6	1.0001	1.8361	0.0004	2.8366	0.001	-0.0049	0	-0.0039
284	11	10.7	1.0001	1.8363	0.0004	2.8368	0.001	-0.0015	0	-0.0005
285	11.3	10.7	1.0001	1.836	0.0004	2.8365	0.0004	0.0117	0	0.0121
286	10.8	10.7	1.0001	1.8356	0.0004	2.8361	0	0.0224	-0.0002	0.0222
287	10.8	10.6	1.0001	1.835	0.0004	2.8355	0	0.0267	-0.0007	0.026

288	10.6	10.7	1	1.8347	0.0003	2.835	0	0.0254	0	0.0254
289	10.7	10.6	1	1.8343	0.0003	2.8346	0	0.0151	0	0.0151
290	11	10.6	1	1.8347	0.0003	2.835	0	-0.0028	0	-0.0028
291	10.9	10.6	1	1.8347	0.0003	2.835	0	-0.0072	0	-0.0072
292	10.6	10.6	1	1.8347	0.0003	2.835	0	-0.005	0	-0.005
293	10.5	10.5	1.0001	1.8348	0.0003	2.8351	0.0003	-0.0098	0	-0.0096
294	10.7	10.5	1	1.8346	0.0003	2.8349	-0.0002	-0.0141	0	-0.0143
295	10.5	10.5	1	1.8349	0.0003	2.8352	-0.0005	-0.0124	0	-0.0129
296	10.2	10.5	1	1.8343	0.0003	2.8346	0.001	-0.0112	0	-0.0102
297	10.4	10.4	1	1.8344	0.0003	2.8346	0.0016	-0.0137	0	-0.0121
298	9.93	10.4	0.9999	1.8347	0.0003	2.8349	0.0014	-0.0167	0	-0.0153
299	10.1	10.3	0.9999	1.8346	0.0003	2.8348	0.001	-0.0153	0	-0.0143
300	10.2	10.3	1	1.8343	0.0003	2.8346	0.001	-0.0144	0	-0.0134
301	9.93	10.3	1	1.8344	0.0004	2.8347	0.001	-0.0244	-0.0004	-0.0238
302	10.1	10.2	1	1.8346	0.0003	2.835	0.0019	-0.0257	-0.001	-0.0248
303	10.6	10.2	1	1.8342	0.0003	2.8345	0.002	-0.0192	-0.001	-0.0182
304	10.7	10.2	1	1.8342	0.0003	2.8345	0.0019	-0.0161	-0.001	-0.0152
305	10.1	10.2	1	1.8342	0.0003	2.8345	0.001	-0.0138	-0.0002	-0.013
306	10.4	10.2	0.9999	1.8342	0.0003	2.8345	0.0013	-0.016	0	-0.0147
307	10.2	10.2	0.9999	1.8345	0.0003	2.8347	0.0016	-0.0124	0	-0.0108
308	9.52	10.2	0.9999	1.835	0.0003	2.8352	0.001	-0.0125	0	-0.0115
309	10.2	10.2	0.9998	1.8353	0.0003	2.8354	0.001	-0.0095	0	-0.0085
310	10.2	10.2	0.9998	1.8354	0.0003	2.8356	0.001	-0.0135	0	-0.0125
311	10.2	10.2	0.9999	1.8359	0.0004	2.8362	0.001	-0.0097	0	-0.0087
312	10.3	10.2	0.9999	1.836	0.0003	2.8363	0.0012	-0.0042	0	-0.003
313	10.5	10.2	0.9999	1.8362	0.0004	2.8364	0.002	-0.0018	0	0.0002
314	10.1	10.2	0.9999	1.836	0.0004	2.8363	0.002	0.0039	0	0.0059
315	10.2	10.2	0.9999	1.836	0.0004	2.8363	0.0015	0.005	0	0.0064
316	10	10.2	0.9999	1.836	0.0003	2.8362	0.001	0.0042	0	0.0052
317	10.6	10.2	0.9999	1.8362	0.0003	2.8364	0.001	0.0046	0	0.0056
318	10.2	10.2	1	1.8363	0.0003	2.8366	0.001	0.0032	0	0.0042
319	9.8	10.2	0.9999	1.8364	0.0003	2.8366	0.001	0.0049	-0.0008	0.0051
320	9.71	10.3	0.9999	1.8365	0.0003	2.8367	0.0001	0.0032	-0.0005	0.0028
321	10.2	10.2	1	1.8364	0.0003	2.8367	0.0016	0.0092	0	0.0108
322	10.3	10.3	1	1.8361	0.0003	2.8364	0.0013	0.0167	0	0.018
323	10.2	10.3	1	1.8358	0.0003	2.8362	0.0009	0.0201	0	0.021
324	10.1	10.3	1	1.8357	0.0004	2.8361	0.001	0.0218	0	0.0228

325	10.4	10.3	1	1.8354	0.0004	2.8358	0.001	0.0211	0.0009	0.023
326	10.1	10.4	1	1.8351	0.0004	2.8355	0.001	0.0267	0.0002	0.0278
327	10.6	10.3	0.9999	1.8348	0.0004	2.8351	0.001	0.0193	0.001	0.0213
328	10.8	10.3	0.9999	1.8347	0.0003	2.835	0.001	0.0173	0.001	0.0193
329	10.7	10.4	0.9999	1.8345	0.0003	2.8347	0.0009	0.0135	0.001	0.0154
330	9.99	10.4	0.9999	1.834	0.0003	2.8342	0	0.0195	0.001	0.0205
331	10.5	10.5	0.9999	1.8337	0.0003	2.8339	0.0001	0.0324	0.001	0.0335
332	10.7	10.5	0.9999	1.8334	0.0003	2.8336	0.0008	0.0409	0.001	0.0427
333	10.7	10.5	0.9999	1.8333	0.0003	2.8335	0.0002	0.0446	0.001	0.0459
334	10.8	10.5	0.9999	1.8325	0.0003	2.8327	0.001	0.0433	0.001	0.0453
335	10.6	10.6	0.9999	1.8322	0.0003	2.8324	0.001	0.0474	0.001	0.0494
336	10.3	10.6	0.9999	1.8319	0.0004	2.8322	0.0006	0.0396	0.0002	0.0403
337	10.2	10.6	0.9999	1.8319	0.0003	2.8321	0.0005	0.0392	0.0009	0.0407
338	10.4	10.6	0.9999	1.8322	0.0003	2.8324	0.001	0.0368	0.001	0.0387
339	10.8	10.6	0.9999	1.8331	0.0003	2.8333	0.0003	0.0404	-0.0007	0.04
340	10.8	10.6	0.9999	1.8335	0.0003	2.8337	0	0.0334	-0.001	0.0324
341	10.4	10.6	0.9999	1.8335	0.0003	2.8337	0	0.0366	-0.001	0.0356
342	10.6	10.6	0.9999	1.8338	0.0003	2.834	0	0.0347	-0.001	0.0337
343	10.8	10.6	1	1.8339	0.0003	2.8341	0	0.0353	-0.001	0.0343
344	10.7	10.6	1	1.8336	0.0003	2.8339	0.001	0.031	-0.0004	0.0315
345	10.6	10.6	0.9999	1.8338	0.0003	2.834	0.0007	0.0238	0	0.0245
346	11.1	10.7	0.9999	1.8341	0.0003	2.8343	0.001	0.0267	0.0008	0.0285
347	10.6	10.7	0.9999	1.8343	0.0003	2.8345	0.001	0.0157	0.001	0.0177
348	10.3	10.7	0.9999	1.8344	0.0003	2.8346	0.0007	0.02	0.001	0.0217
349	10.4	10.7	0.9999	1.8343	0.0003	2.8345	0	0.0291	0	0.0291
350	10.7	10.7	0.9999	1.835	0.0003	2.8353	-0.001	0.0314	0	0.0304
351	10.8	10.7	0.9999	1.8353	0.0004	2.8356	-0.0005	0.0372	-0.0001	0.0366
352	10.7	10.7	0.9999	1.8352	0.0004	2.8355	0	0.0391	-0.0004	0.0387
353	11	10.7	0.9999	1.8352	0.0004	2.8355	0	0.0428	-0.0006	0.0422
354	10.8	10.7	0.9999	1.8352	0.0003	2.8354	0	0.0423	-0.001	0.0413
355	10.8	10.8	0.9999	1.8352	0.0003	2.8354	0	0.0456	-0.0013	0.0443
356	10.9	10.7	0.9999	1.8347	0.0003	2.8349	0	0.0446	-0.002	0.0426
357	11.1	10.7	0.9999	1.8347	0.0003	2.8349	-0.0009	0.0481	-0.002	0.0452
358	10.6	10.7	0.9999	1.8343	0.0003	2.8345	-0.001	0.0534	-0.0014	0.0511
359	10.2	10.7	0.9999	1.8348	0.0003	2.835	-0.0011	0.0572	-0.001	0.0551
360	10.3	10.7	0.9999	1.8349	0.0003	2.8351	-0.002	0.0629	-0.001	0.0599
361	10.7	10.7	0.9999	1.8345	0.0003	2.8347	-0.0017	0.0613	-0.0007	0.0589

362	11.2	10.7	0.9998	1.8344	0.0003	2.8345	-0.001	0.0628	0	0.0618
363	11.2	10.6	0.9998	1.8341	0.0003	2.8342	-0.001	0.0627	-0.0005	0.0612
364	10.9	10.6	0.9999	1.8341	0.0003	2.8342	-0.001	0.0697	-0.0004	0.0683
365	10.3	10.6	0.9999	1.8341	0.0003	2.8343	-0.001	0.0719	0	0.0709
366	10.3	10.6	0.9999	1.834	0.0003	2.8342	-0.0001	0.0676	0	0.0675
367	10.4	10.6	0.9999	1.8345	0.0003	2.8347	-0.001	0.0638	-0.0008	0.062
368	10.2	10.7	0.9999	1.8346	0.0004	2.8349	-0.001	0.0669	-0.001	0.0649
369	10.6	10.7	1	1.8347	0.0004	2.8351	-0.0001	0.0723	-0.001	0.0713
370	10.9	10.8	0.9999	1.8343	0.0004	2.8346	-0.001	0.0727	-0.001	0.0707
371	10.5	10.8	0.9999	1.8336	0.0004	2.8339	-0.0009	0.0695	-0.001	0.0676
372	10.3	10.7	1	1.8331	0.0004	2.8335	0.0006	0.0701	-0.001	0.0697
373	10.6	10.7	1	1.8332	0.0004	2.8336	0.0003	0.0675	-0.001	0.0668
374	10.9	10.7	1	1.8333	0.0003	2.8337	0	0.0631	-0.0006	0.0625
375	11	10.7	1	1.8334	0.0004	2.8337	0	0.0603	0	0.0603
376	11	10.7	1	1.834	0.0003	2.8343	0	0.0543	0	0.0543
377	11	10.8	1	1.8344	0.0003	2.8347	0	0.0561	0.0009	0.057
378	11.1	10.7	1	1.8347	0.0003	2.835	-0.0007	0.0473	0.001	0.0475
379	11.1	10.8	1	1.8342	0.0003	2.8345	0	0.0376	0.0002	0.0377
380	10.8	10.8	1	1.8332	0.0003	2.8335	-0.0002	0.0309	0	0.0308
381	10.8	10.8	1	1.832	0.0003	2.8323	-0.001	0.0229	0	0.0219
382	10.6	10.8	1	1.8317	0.0003	2.832	-0.001	0.0189	-0.0004	0.0175
383	10.6	10.8	1	1.8318	0.0003	2.8321	-0.001	0.018	-0.001	0.016
384	10.8	10.8	1	1.8315	0.0003	2.8318	-0.001	0.0145	-0.001	0.0125
385	10.4	10.8	1	1.832	0.0004	2.8324	-0.001	0.004	-0.001	0.002
386	10.9	10.8	1	1.8317	0.0003	2.832	-0.001	0.0019	-0.0008	0.0001
387	10	10.7	1	1.8313	0.0003	2.8316	-0.001	-0.0011	-0.0003	-0.0023
388	10.9	10.7	1	1.8306	0.0004	2.831	-0.001	0.0032	-0.001	0.0012
389	11.1	10.6	1	1.8309	0.0004	2.8313	-0.001	0.0076	-0.001	0.0056
390	10.5	10.6	1	1.831	0.0004	2.8314	-0.0001	0.0236	-0.001	0.0225
391	10.2	10.6	1	1.8312	0.0004	2.8316	0	0.0306	-0.001	0.0296
392	10.6	10.5	1	1.8312	0.0004	2.8316	0	0.0342	-0.001	0.0332
393	11	10.5	1	1.8317	0.0003	2.832	0	0.0357	-0.001	0.0347
394	11	10.5	0.9999	1.8322	0.0003	2.8324	0.0009	0.0378	-0.001	0.0376
395	10.9	10.4	0.9999	1.8322	0.0002	2.8323	0.001	0.0302	-0.001	0.0302
396	10.4	10.4	0.9999	1.8328	0.0002	2.8329	0	0.0339	-0.001	0.0329
397	10.1	10.4	0.9999	1.8324	0.0002	2.8325	0	0.0393	-0.001	0.0383
398	10.2	10.4	0.9999	1.8317	0.0003	2.8319	0	0.0399	-0.0003	0.0397

399	10.3	10.3	1	1.8314	0.0003	2.8317	0	0.0442	0	0.0442
400	10.6	10.3	1	1.8306	0.0003	2.8309	0	0.05	0	0.05
401	9.75	10.3	1	1.8305	0.0004	2.8309	0	0.0686	0.0004	0.069
402	9.95	10.3	1	1.8304	0.0004	2.8308	-0.001	0.0659	0.001	0.0659
403	9.9	10.2	1	1.83	0.0004	2.8304	-0.0008	0.0671	0.001	0.0673
404	10.1	10.2	1	1.8296	0.0004	2.8301	0	0.0615	0.001	0.0625
405	9.97	10.1	1	1.8297	0.0005	2.8302	0	0.0576	0	0.0576
406	10	10.1	1	1.8294	0.0005	2.8299	0	0.0584	-0.0007	0.0577
407	10.1	10.1	1	1.8291	0.0004	2.8296	0	0.0545	0	0.0545
408	10.3	10.1	1	1.8293	0.0004	2.8297	0	0.0594	0	0.0594
409	10.4	10.1	1	1.829	0.0004	2.8294	0	0.0612	0	0.0612
410	10.4	10	1	1.8293	0.0004	2.8297	-0.0007	0.0724	-0.0007	0.0711
411	10	10.1	1	1.8296	0.0004	2.83	-0.0003	0.0741	-0.001	0.0729
412	9.82	10.1	1	1.8297	0.0004	2.8301	-0.0002	0.0753	-0.001	0.0741
413	10.3	10.1	1	1.8292	0.0004	2.8296	-0.001	0.0742	-0.001	0.0722
414	9.98	10.2	1	1.8289	0.0004	2.8293	-0.001	0.0692	-0.001	0.0672
415	9.86	10.2	0.9999	1.8292	0.0004	2.8295	-0.0015	0.065	-0.001	0.0625
416	9.71	10.2	1	1.8296	0.0004	2.83	-0.001	0.0639	-0.001	0.0619
417	9.86	10.2	1	1.8295	0.0004	2.8299	-0.0009	0.0659	-0.001	0.064
418	10.1	10.3	1	1.8291	0.0004	2.8295	0.0002	0.0691	-0.001	0.0684
419	10.1	10.3	1	1.8291	0.0004	2.8295	0.001	0.0688	-0.0002	0.0696
420	10.2	10.3	1	1.8295	0.0004	2.8299	0.0019	0.0672	0	0.069
421	10.5	10.3	0.9999	1.8294	0.0004	2.8297	0.0016	0.0621	0	0.0637
422	10.6	10.3	1	1.8293	0.0004	2.8297	0.0026	0.0521	0	0.0547
423	10.6	10.4	1	1.8295	0.0004	2.8299	0.0025	0.0463	0	0.0487
424	10.9	10.4	1	1.8296	0.0004	2.83	0.002	0.0441	0	0.0461
425	10.4	10.4	1	1.83	0.0004	2.8304	0.002	0.0423	-0.0009	0.0433
426	10.6	10.4	1	1.8295	0.0003	2.8298	0.0011	0.0459	-0.0002	0.0468
427	10.6	10.5	1	1.83	0.0003	2.8303	0.002	0.0547	-0.001	0.0557
428	10.1	10.5	0.9999	1.831	0.0003	2.8312	0.001	0.0606	-0.001	0.0606
429	10.5	10.5	0.9999	1.8314	0.0003	2.8316	0.001	0.0701	-0.001	0.0701
430	10.7	10.5	1	1.8317	0.0003	2.832	0.001	0.0654	-0.001	0.0654
431	10.7	10.5	1	1.8318	0.0003	2.8321	0.001	0.053	-0.001	0.053
432	10.6	10.5	1	1.8317	0.0004	2.8321	0.001	0.043	-0.001	0.043
433	10.4	10.5	1	1.8319	0.0004	2.8323	0.0016	0.0429	-0.001	0.0435
434	10.4	10.4	1	1.8321	0.0004	2.8325	0.002	0.0465	-0.001	0.0475
435	10.2	10.4	1	1.832	0.0004	2.8324	0.0011	0.0514	-0.0001	0.0524

436	10.4	10.4	1	1.832	0.0004	2.8324	0.0019	0.0588	0.0008	0.0616
437	10.5	10.5	1	1.8315	0.0004	2.8319	0.001	0.0613	-0.0009	0.0613
438	10.4	10.5	1	1.8315	0.0004	2.8319	0.001	0.0583	-0.001	0.0583
439	10.9	10.5	0.9999	1.8308	0.0004	2.8311	0.001	0.0538	0	0.0548
440	10.3	10.4	0.9999	1.8304	0.0004	2.8307	0.0013	0.0531	0	0.0544
441	10.4	10.4	0.9999	1.8301	0.0004	2.8304	0.002	0.0515	0	0.0535
442	10.2	10.4	0.9999	1.8302	0.0004	2.8305	0.002	0.0562	0	0.0582
443	10.3	10.4	0.9999	1.8301	0.0004	2.8304	0.0015	0.0555	0	0.0569
444	10	10.5	0.9999	1.8305	0.0004	2.8308	0.001	0.0574	-0.0006	0.0578
445	10.7	10.5	0.9999	1.8304	0.0004	2.8307	0.0003	0.0586	-0.001	0.058
446	11	10.5	0.9999	1.8302	0.0004	2.8305	0	0.0608	-0.0018	0.059
447	10.2	10.5	0.9999	1.8303	0.0003	2.8305	-0.0009	0.067	-0.002	0.0641
448	10.8	10.5	0.9999	1.8299	0.0003	2.8301	-0.001	0.0543	-0.002	0.0513
449	10.1	10.5	0.9999	1.8293	0.0003	2.8295	-0.001	0.0533	-0.001	0.0514
450	10.5	10.5	0.9999	1.8282	0.0003	2.8284	0	0.0466	-0.001	0.0456
451	10.4	10.4	1	1.8287	0.0003	2.829	0	0.0407	-0.0009	0.0398
452	10.8	10.5	1	1.8285	0.0003	2.8287	0.0004	0.0318	0	0.0321
453	10.7	10.5	0.9999	1.829	0.0003	2.8292	0.001	0.0262	-0.0005	0.0267
454	10.7	10.5	0.9999	1.8294	0.0003	2.8296	0.0005	0.0223	-0.001	0.0217
455	10.5	10.5	0.9999	1.8293	0.0004	2.8296	0	0.019	-0.0007	0.0184
456	10.3	10.4	0.9999	1.8293	0.0003	2.8295	0.0007	0.0181	0	0.0188
457	10.6	10.4	0.9999	1.8287	0.0003	2.8289	0.0017	0.0141	0.0007	0.0166
458	10.3	10.4	0.9999	1.8282	0.0003	2.8284	0.0012	0.014	0.0004	0.0155
459	10	10.4	1	1.8276	0.0004	2.8279	0.0019	0.018	0	0.0199
460	10.2	10.4	0.9999	1.8275	0.0004	2.8278	0.0029	0.0263	0	0.0292
461	11.1	10.4	0.9999	1.8269	0.0004	2.8272	0.002	0.0346	0	0.0366
462	10.6	10.3	0.9999	1.827	0.0004	2.8273	0.001	0.0406	0.0001	0.0418
463	9.89	10.3	0.9999	1.8271	0.0004	2.8274	0.001	0.0406	0.001	0.0426
464	9.83	10.3	1	1.8276	0.0004	2.828	0.0013	0.0311	0.001	0.0334
465	9.92	10.3	1	1.8277	0.0004	2.8281	0.002	0.0255	0.001	0.0284
466	9.68	10.3	1	1.8274	0.0004	2.8278	0.0011	0.0234	0.001	0.0255
467	10.5	10.3	0.9999	1.8276	0.0004	2.8279	0.002	0.0278	0.001	0.0308
468	9.98	10.3	0.9998	1.8277	0.0004	2.8279	0.002	0.0285	0.0003	0.0308
469	10.6	10.3	0.9998	1.828	0.0004	2.8282	0.002	0.0198	0	0.0218
470	10.5	10.3	0.9997	1.8281	0.0004	2.8282	0.0011	0.0183	0	0.0194
471	10.3	10.3	0.9996	1.8283	0.0004	2.8284	0.001	0.0215	0	0.0225
472	10.3	10.3	0.9997	1.8285	0.0004	2.8286	0.0004	0.0215	0	0.0219

473	10.1	10.3	0.9998	1.8288	0.0004	2.829	0.0008	0.0216	0	0.0224
474	10.3	10.3	0.9998	1.8291	0.0004	2.8293	0.002	0.0185	0	0.0205
475	10.9	10.4	0.9999	1.8288	0.0004	2.8291	0.002	0.0213	0	0.0233
476	10.8	10.4	0.9998	1.8285	0.0004	2.8288	0.002	0.0272	0	0.0292
477	10.1	10.4	0.9999	1.8284	0.0004	2.8287	0.002	0.0227	-0.0004	0.0243
478	10.5	10.4	0.9999	1.8277	0.0004	2.828	0.002	0.0256	0	0.0276
479	10.4	10.4	0.9999	1.8277	0.0004	2.828	0.0017	0.0292	0	0.0308
480	10.3	10.4	0.9999	1.8279	0.0004	2.8282	0.0014	0.0284	0	0.0298
481	10.5	10.3	0.9999	1.8277	0.0004	2.828	0.002	0.0305	-0.0009	0.0317
482	10.5	10.3	0.9998	1.8275	0.0004	2.8277	0.001	0.0254	-0.0006	0.0257
483	10.4	10.4	0.9998	1.8271	0.0004	2.8273	0.001	0.0298	0	0.0308
484	10.4	10.4	0.9999	1.8264	0.0003	2.8266	0.0012	0.0291	0	0.0303
485	10	10.3	0.9998	1.8262	0.0003	2.8263	0.002	0.0309	0	0.0329
486	10.3	10.3	0.9999	1.8256	0.0004	2.8259	0.002	0.032	0	0.034
487	10.3	10.3	0.9999	1.8255	0.0004	2.8258	0.002	0.0381	0	0.0401
488	10.4	10.3	0.9999	1.8252	0.0004	2.8255	0.002	0.0368	0	0.0388
489	10.3	10.3	0.9999	1.8256	0.0004	2.8259	0.002	0.0399	0	0.0419
490	10.1	10.3	0.9998	1.8259	0.0004	2.8261	0.0004	0.0374	0	0.0378
491	10.1	10.2	0.9998	1.8256	0.0004	2.8258	0	0.0363	0	0.0363
492	10.4	10.2	0.9999	1.8257	0.0004	2.8259	0	0.0327	0	0.0327
493	10.5	10.2	0.9999	1.8259	0.0004	2.8262	0.0009	0.0373	0	0.0382
494	10.2	10.2	0.9999	1.8263	0.0004	2.8266	0.001	0.0352	0	0.0362
495	9.94	10.1	0.9999	1.8261	0.0004	2.8264	0.0009	0.0395	0	0.0403
496	10.6	10.1	1	1.8261	0.0004	2.8264	0.0002	0.0349	-0.0002	0.0349
497	10.3	10.1	1	1.8269	0.0004	2.8273	0.0007	0.0347	-0.001	0.0344
498	9.89	10.1	1	1.8264	0.0004	2.8268	0	0.0362	-0.0017	0.0345
499	10.1	10.1	1	1.8267	0.0004	2.8271	0	0.0334	-0.002	0.0314
500	9.96	10.1	1	1.8266	0.0004	2.827	0	0.0292	-0.002	0.0272
501	9.92	10.2	1	1.8273	0.0004	2.8276	0	0.0201	-0.002	0.0181
502	9.98	10.2	0.9999	1.8277	0.0004	2.8281	0.001	0.0242	-0.002	0.0232
503	9.8	10.2	1	1.8277	0.0005	2.8282	0.0008	0.0194	-0.0012	0.0191
504	9.59	10.2	1	1.8277	0.0005	2.8282	0	0.0249	-0.001	0.0239
505	9.49	10.3	0.9999	1.8279	0.0005	2.8283	0	0.0315	-0.0018	0.0298
506	10.1	10.3	0.9998	1.828	0.0004	2.8283	0	0.0351	-0.0012	0.0338
507	10.8	10.3	0.9999	1.8277	0.0004	2.828	0	0.0273	-0.001	0.0263
508	10.3	10.3	0.9998	1.8275	0.0004	2.8277	0	0.0314	-0.001	0.0304
509	10.5	10.3	0.9997	1.8263	0.0004	2.8264	0	0.0278	-0.001	0.0268

510	10.5	10.3	0.9998	1.8258	0.0004	2.826	0.0007	0.0156	-0.0003	0.0159
511	10.8	10.4	0.9999	1.8256	0.0004	2.8258	0.0003	0.0132	0	0.0134
512	11	10.4	0.9999	1.8257	0.0003	2.8259	0	0.0083	0	0.0083
513	10.4	10.4	0.9999	1.8261	0.0003	2.8263	0	0.0071	0	0.0071
514	10.9	10.4	0.9998	1.8263	0.0003	2.8264	0	0.0089	0	0.0089
515	10.8	10.4	0.9998	1.8269	0.0003	2.827	0.001	0.0084	0	0.0094
516	10.2	10.4	0.9998	1.8268	0.0003	2.8269	0.001	0.0128	0	0.0138
517	10.3	10.3	0.9998	1.8267	0.0004	2.8269	0.0009	0.0142	0	0.0151
518	10.7	10.3	0.9998	1.8271	0.0004	2.8273	-0.0002	0.017	0	0.0168
519	10.4	10.3	0.9999	1.8273	0.0004	2.8275	-0.001	0.0224	0	0.0214
520	10.5	10.2	0.9999	1.8273	0.0004	2.8276	-0.001	0.0244	0	0.0234
521	10.3	10.1	0.9999	1.8272	0.0004	2.8275	-0.0015	0.0313	0	0.0297
522	10	10.1	0.9999	1.8272	0.0004	2.8274	-0.0026	0.0364	0	0.0338
523	9.69	10.1	0.9998	1.8277	0.0004	2.8279	-0.0015	0.0417	0	0.0402
524	9.26	10	0.9998	1.8275	0.0004	2.8277	-0.001	0.0453	0	0.0443
525	9.56	10	0.9998	1.8273	0.0004	2.8275	-0.001	0.0471	0	0.0461
526	9.78	10	0.9998	1.8273	0.0003	2.8274	-0.0001	0.0436	0	0.0435
527	9.74	10	0.9998	1.8275	0.0003	2.8276	-0.001	0.0425	0	0.0415
528	10.3	10	0.9997	1.8281	0.0003	2.8281	0.0007	0.0357	0	0.0364
529	9.72	9.98	0.9998	1.8286	0.0003	2.8286	0.001	0.025	0	0.026
530	9.55	9.96	0.9998	1.8287	0.0004	2.8288	0.001	0.0217	0	0.0227
531	9.68	9.97	0.9999	1.8292	0.0004	2.8295	0	0.0183	0	0.0183
532	10.4	9.98	0.9999	1.8287	0.0004	2.829	0.0001	0.0142	0	0.0142
533	10.3	10	0.9999	1.829	0.0004	2.8293	0.0004	0.0073	0	0.0077
534	10.1	10.1	0.9998	1.829	0.0004	2.8292	0	0.0055	0	0.0055
535	10.3	10.1	0.9998	1.8288	0.0004	2.829	0.0006	-0.0029	-0.0009	-0.0032
536	10.4	10.2	0.9998	1.8282	0.0004	2.8284	-0.0009	-0.0014	-0.001	-0.0033
537	10.2	10.2	0.9998	1.8279	0.0004	2.8281	0	-0.0056	0	-0.0056
538	10.1	10.2	0.9998	1.8275	0.0004	2.8277	0	-0.0037	0	-0.0037
539	9.96	10.2	0.9999	1.827	0.0004	2.8273	0	-0.0059	0	-0.0059
540	10.5	10.3	0.9999	1.8268	0.0004	2.8271	-0.0003	-0.002	0	-0.0023
541	10.3	10.3	0.9999	1.8268	0.0004	2.8271	-0.001	0.0011	0	0.0001
542	10	10.3	0.9998	1.8265	0.0004	2.8267	-0.001	0.001	0	0
543	10.6	10.3	0.9998	1.8266	0.0004	2.8268	0.0004	0.0021	0	0.0026
544	10.3	10.4	0.9998	1.8266	0.0004	2.8268	0.001	-0.0023	0	-0.0013
545	11	10.3	0.9999	1.8269	0.0004	2.8272	0.0001	0	0	0.0001
546	10.6	10.3	0.9998	1.8267	0.0005	2.827	0.001	0.0016	0	0.0026

547	10.3	10.4	0.9999	1.8267	0.0005	2.8271	0.0018	0.001	0	0.0028
548	10.2	10.4	0.9999	1.8266	0.0005	2.827	0.001	0.0095	0	0.0105
549	10.3	10.4	0.9999	1.8264	0.0005	2.8268	0.001	0.0048	0	0.0058
550	10.6	10.4	0.9999	1.8262	0.0005	2.8266	0.001	0.0142	0	0.0152
551	10.2	10.4	0.9999	1.8263	0.0005	2.8267	0.001	0.013	-0.0005	0.0135
552	10.4	10.4	0.9999	1.8265	0.0004	2.8268	0.0006	0.0226	-0.001	0.0223
553	10.7	10.3	0.9999	1.8266	0.0004	2.8269	0.0006	0.0258	-0.0005	0.0258
554	9.79	10.3	0.9999	1.8263	0.0005	2.8267	0.0015	0.0223	0	0.0238
555	10.4	10.3	0.9999	1.8258	0.0005	2.8262	0.002	0.0216	0.0007	0.0244
556	10.7	10.3	0.9999	1.8265	0.0004	2.8268	0.0013	0.0179	0.001	0.0202
557	10.5	10.3	0.9999	1.8256	0.0004	2.8259	0.0003	0.016	0.0003	0.0165
558	10.3	10.3	0.9999	1.8254	0.0004	2.8257	0.0008	0.0108	0	0.0116
559	9.9	10.3	0.9999	1.826	0.0004	2.8263	0	0.0051	-0.0009	0.0042
560	9.91	10.3	0.9999	1.8262	0.0004	2.8265	-0.0019	-0.0061	0	-0.008
561	10.1	10.4	0.9999	1.8261	0.0004	2.8264	-0.001	-0.0046	0	-0.0056
562	9.95	10.4	0.9999	1.8263	0.0004	2.8266	0	-0.0062	-0.0001	-0.0064
563	10.2	10.4	0.9999	1.8263	0.0004	2.8266	0	-0.0027	-0.001	-0.0037
564	10.4	10.4	0.9999	1.8267	0.0004	2.827	-0.0003	0.0056	-0.001	0.0043
565	10.1	10.4	0.9999	1.8264	0.0004	2.8267	-0.0005	0.0056	-0.0015	0.0036
566	10.8	10.4	0.9999	1.826	0.0004	2.8263	0	0.0092	-0.0014	0.0078
567	10.9	10.4	0.9999	1.8259	0.0004	2.8262	0	0.0081	-0.001	0.0071
568	10.4	10.4	0.9999	1.8255	0.0004	2.8258	-0.0007	0.0088	-0.0003	0.0077
569	10.8	10.4	0.9999	1.8256	0.0004	2.8259	-0.0002	0.0178	0	0.0176
570	10.4	10.4	0.9999	1.8249	0.0004	2.8252	0.0009	0.0164	0	0.0173
571	10.8	10.4	0.9999	1.8247	0.0004	2.825	0.001	0.014	0	0.015
572	10.7	10.4	0.9999	1.8243	0.0004	2.8246	0.001	0.0141	0	0.0151
573	10.3	10.4	0.9999	1.8243	0.0004	2.8246	0.0008	0.018	0	0.0188
574	10.4	10.3	0.9999	1.8244	0.0004	2.8247	0	0.0253	0	0.0253
575	10.1	10.3	0.9999	1.8244	0.0004	2.8247	0	0.0171	0	0.0171
576	10.3	10.3	0.9999	1.8243	0.0004	2.8246	0	0.0155	0	0.0155
577	10.4	10.2	0.9998	1.8248	0.0004	2.825	0	0.013	-0.0005	0.0125
578	9.98	10.2	0.9998	1.8252	0.0004	2.8254	0	0.0139	-0.001	0.0129
579	10.4	10.2	0.9998	1.8255	0.0004	2.8257	-0.0007	0.0167	-0.001	0.015
580	10.2	10.2	0.9999	1.826	0.0004	2.8263	-0.0002	0.0289	-0.001	0.0277
581	10	10.2	0.9999	1.8263	0.0004	2.8266	0	0.0406	-0.0001	0.0405
582	9.91	10.2	0.9998	1.8267	0.0004	2.8269	0.001	0.0469	0	0.0479
583	9.56	10.2	0.9998	1.8266	0.0004	2.8268	0.001	0.0472	0	0.0482

584	9.85	10.2	0.9998	1.8267	0.0004	2.8269	-0.0002	0.0541	0	0.0539
585	9.96	10.2	0.9999	1.8263	0.0004	2.8266	-0.001	0.0651	0	0.0641
586	10	10.3	0.9999	1.8261	0.0004	2.8264	-0.001	0.0643	0	0.0633
587	10.5	10.3	0.9999	1.8259	0.0004	2.8262	-0.001	0.0584	0	0.0574
588	10.4	10.3	0.9999	1.8258	0.0004	2.8261	-0.0006	0.056	0	0.0554
589	10.1	10.3	0.9999	1.8258	0.0004	2.8261	0	0.0512	0	0.0512
590	10.2	10.3	0.9999	1.8258	0.0004	2.8261	0.0007	0.046	0	0.0466
591	10.6	10.3	0.9999	1.8255	0.0004	2.8258	0.001	0.0371	0	0.0381
592	10.5	10.4	0.9998	1.8255	0.0004	2.8257	0.001	0.031	0	0.032
593	10.7	10.4	0.9998	1.8261	0.0004	2.8263	0.0001	0.0187	-0.0006	0.0182
594	10.5	10.5	0.9999	1.8263	0.0004	2.8266	0	0.0115	-0.001	0.0105
595	10.8	10.5	0.9998	1.826	0.0004	2.8262	0.0001	0.0136	-0.001	0.0127
596	10.5	10.5	0.9998	1.826	0.0004	2.8262	0.0008	0.0165	-0.0008	0.0165
597	10.4	10.5	0.9999	1.826	0.0004	2.8263	0.0003	0.019	0.0009	0.0202
598	10.4	10.5	0.9999	1.8259	0.0004	2.8262	0.001	0.0114	0	0.0123
599	10.4	10.5	0.9999	1.8253	0.0004	2.8256	0.0001	0.0154	0	0.0155
600	10.8	10.6	0.9999	1.8252	0.0004	2.8256	0.001	0.0205	0	0.0215
601	10.9	10.6	0.9999	1.825	0.0005	2.8254	0.001	0.0205	0	0.0215
602	10.6	10.6	0.9998	1.8252	0.0005	2.8255	0.001	0.0266	0	0.0276
603	10.7	10.6	0.9998	1.8255	0.0005	2.8258	0.001	0.0286	-0.0008	0.0288
604	10.6	10.6	0.9998	1.8256	0.0004	2.8258	0.001	0.0276	-0.001	0.0276
605	10.2	10.6	0.9998	1.8261	0.0004	2.8263	0.001	0.0264	0.0006	0.028
606	10.4	10.5	0.9998	1.8264	0.0004	2.8266	0.001	0.021	0.0009	0.023
607	10.4	10.5	0.9998	1.8266	0.0004	2.8268	0.001	0.031	0	0.032
608	10.4	10.5	0.9998	1.827	0.0005	2.8273	0.0001	0.0231	0	0.0232
609	10.9	10.6	0.9999	1.8269	0.0004	2.8272	0	0.0243	0	0.0243
610	11.4	10.6	0.9999	1.8263	0.0004	2.8266	0	0.0275	0	0.0275
611	10.5	10.5	0.9999	1.8262	0.0004	2.8265	0.0009	0.0294	-0.001	0.0294
612	10.4	10.5	0.9999	1.8259	0.0004	2.8262	0	0.0303	-0.001	0.0293
613	10.5	10.5	0.9999	1.8255	0.0004	2.8258	0	0.0306	-0.001	0.0296
614	10.4	10.5	0.9998	1.8258	0.0005	2.8261	0	0.0307	-0.001	0.0297
615	10.2	10.5	0.9998	1.8259	0.0004	2.8262	0.0004	0.0306	-0.001	0.03
616	10.3	10.5	0.9998	1.826	0.0004	2.8262	0.001	0.0247	-0.001	0.0247
617	10.3	10.5	0.9999	1.8258	0.0004	2.8261	0.001	0.0232	-0.001	0.0232
618	10.9	10.5	0.9998	1.8253	0.0004	2.8256	0.001	0.0187	-0.001	0.0187
619	10.7	10.5	0.9998	1.8256	0.0004	2.8258	0.001	0.0045	-0.001	0.0045
620	10.3	10.4	0.9998	1.8259	0.0004	2.8261	0.001	-0.0003	-0.001	-0.0003

621	10.2	10.4	0.9998	1.8258	0.0004	2.826	0.001	-0.0121	-0.001	-0.0121
622	10.5	10.4	0.9998	1.8254	0.0004	2.8256	0.001	-0.0156	-0.001	-0.0156
623	10.7	10.3	0.9998	1.8251	0.0004	2.8253	0.001	-0.0216	-0.0009	-0.0214
624	10.4	10.3	0.9998	1.8258	0.0004	2.826	0.001	-0.0198	-0.0001	-0.0189
625	10.6	10.3	0.9998	1.8257	0.0004	2.8259	0.001	-0.0116	-0.001	-0.0116
626	10.5	10.3	0.9998	1.8259	0.0004	2.8261	0.001	-0.0089	-0.001	-0.0089
627	10.2	10.3	0.9998	1.8261	0.0004	2.8263	0.0014	-0.0101	-0.001	-0.0097
628	10.2	10.3	0.9998	1.8264	0.0004	2.8266	0.0013	-0.0008	-0.001	-0.0005
629	10	10.3	0.9998	1.8257	0.0004	2.8259	0.001	0.0088	-0.001	0.0088
630	10.1	10.3	0.9998	1.8246	0.0004	2.8248	0.001	0.0159	-0.001	0.0159
631	9.96	10.3	0.9998	1.8245	0.0004	2.8247	0.002	0.0233	-0.001	0.0243
632	10.2	10.3	0.9998	1.8239	0.0004	2.8241	0.0019	0.0293	-0.001	0.0303
633	9.66	10.2	0.9999	1.8236	0.0004	2.8239	0.001	0.04	-0.001	0.04
634	10.1	10.2	0.9999	1.8225	0.0004	2.8228	0.0002	0.0395	-0.001	0.0387
635	10.4	10.2	0.9999	1.8224	0.0004	2.8227	0.0011	0.0367	-0.001	0.0368
636	10.1	10.2	0.9999	1.8224	0.0004	2.8227	0.002	0.0296	-0.0001	0.0316
637	10.3	10.2	0.9999	1.8223	0.0004	2.8225	0.001	0.0237	0	0.0247
638	10.5	10.2	0.9998	1.8223	0.0004	2.8225	0.001	0.0199	-0.001	0.0199
639	10.6	10.2	0.9998	1.8225	0.0004	2.8227	0.001	0.016	-0.0008	0.0161
640	10.7	10.2	0.9998	1.8231	0.0004	2.8233	0.001	0.0182	-0.0002	0.0189
641	10.1	10.2	0.9998	1.8237	0.0004	2.8239	0.001	0.0219	-0.001	0.0219
642	10.1	10.2	0.9998	1.8246	0.0005	2.8249	0.0006	0.026	-0.001	0.0256
643	9.99	10.3	0.9998	1.8254	0.0005	2.8257	-0.0004	0.0279	-0.001	0.0265
644	10.4	10.3	0.9998	1.8252	0.0005	2.8255	0	0.0359	-0.001	0.0349
645	10.2	10.3	0.9998	1.8252	0.0005	2.8255	0.0016	0.038	-0.001	0.0386
646	10.4	10.4	0.9998	1.8248	0.0004	2.825	0.0003	0.0305	-0.001	0.0298
647	10.3	10.4	0.9998	1.8255	0.0005	2.8258	0.001	0.024	-0.0002	0.0248
648	9.97	10.4	0.9999	1.8251	0.0005	2.8254	0.002	0.0189	0	0.0209
649	10	10.4	0.9998	1.8243	0.0005	2.8246	0.0011	0.0168	0	0.0179
650	9.82	10.4	0.9998	1.8241	0.0005	2.8244	0.001	0.0063	0	0.0073
651	10.3	10.4	0.9998	1.8236	0.0005	2.8239	0.001	0.0041	0.0014	0.0065
652	10.6	10.4	0.9998	1.8236	0.0005	2.8239	0.002	0.0007	0.002	0.0046
653	10.8	10.4	0.9998	1.8238	0.0005	2.8241	0.0004	0.0022	0.002	0.0046
654	10.9	10.4	0.9998	1.8236	0.0004	2.8239	0	0.0055	0.0019	0.0074
655	10.8	10.4	0.9998	1.8237	0.0004	2.8239	0.0001	0.0042	0.0003	0.0046
656	10.8	10.5	0.9998	1.8234	0.0004	2.8236	0.0008	0.0114	-0.0002	0.012
657	10.8	10.5	0.9999	1.8233	0.0004	2.8236	0	0.0145	-0.001	0.0135

658	10.8	10.5	0.9999	1.823	0.0004	2.8233	0	0.0193	-0.0007	0.0186
659	10.8	10.6	0.9999	1.8232	0.0004	2.8235	0.0001	0.0263	0.0009	0.0273
660	10.5	10.6	0.9998	1.8232	0.0005	2.8235	0.001	0.0334	0	0.0344
661	10.1	10.6	0.9999	1.8231	0.0005	2.8235	0.001	0.0322	0	0.0332
662	9.97	10.6	0.9999	1.8232	0.0005	2.8236	0.001	0.0338	0	0.0348
663	10.5	10.6	0.9999	1.8232	0.0005	2.8236	0.001	0.0294	0	0.0304
664	10.5	10.6	0.9999	1.8237	0.0005	2.824	0.001	0.0249	0	0.0259
665	10.8	10.6	0.9998	1.8239	0.0005	2.8242	0.0005	0.0252	0.0005	0.0262
666	11.2	10.5	0.9998	1.8237	0.0005	2.824	0	0.0219	0.0004	0.0223
667	10.4	10.5	0.9998	1.8241	0.0005	2.8244	0	0.0213	0	0.0213
668	10.5	10.5	0.9998	1.825	0.0005	2.8253	0.0007	0.0213	0	0.0221
669	10.8	10.4	0.9998	1.8256	0.0005	2.8259	0.0002	0.0141	0	0.0143
670	10	10.4	0.9998	1.8261	0.0005	2.8264	0	0.0186	0	0.0186
671	10.5	10.5	0.9998	1.8263	0.0005	2.8266	0	0.0291	0	0.0291
672	10.4	10.5	0.9998	1.8264	0.0005	2.8267	0	0.0307	0	0.0307
673	10.8	10.5	0.9998	1.8263	0.0004	2.8265	0	0.0271	0	0.0271
674	10.6	10.5	0.9998	1.8256	0.0005	2.8259	0	0.0352	0	0.0352
675	10.3	10.5	0.9998	1.8253	0.0005	2.8256	0	0.0452	-0.0002	0.045
676	10.2	10.4	0.9998	1.8253	0.0005	2.8256	0.0002	0.0447	-0.001	0.044
677	10.1	10.4	0.9997	1.8249	0.0005	2.8251	0.001	0.0526	-0.0007	0.0529
678	10.3	10.4	0.9997	1.8243	0.0005	2.8245	0.0014	0.0574	0	0.0588
679	10.4	10.4	0.9997	1.8239	0.0005	2.8241	0.0016	0.0604	0	0.062
680	10.9	10.4	0.9997	1.8237	0.0005	2.8239	0.0005	0.05	0	0.0505
681	11.1	10.4	0.9997	1.8233	0.0005	2.8235	0.0005	0.0349	0	0.0354
682	10.2	10.4	0.9997	1.8227	0.0005	2.8229	0.0005	0.0313	0	0.0318
683	10.2	10.4	0.9998	1.8226	0.0005	2.8229	0	0.0235	0	0.0235
684	10.2	10.3	0.9997	1.823	0.0005	2.8232	0.0016	0.0184	0	0.0199
685	10.3	10.3	0.9997	1.8233	0.0004	2.8234	0.0014	0.006	0	0.0075
686	10.3	10.3	0.9998	1.8237	0.0004	2.8239	0.001	0.0043	0	0.0053
687	10.4	10.3	0.9998	1.8239	0.0005	2.8242	0.001	0.0012	0	0.0022
688	10.1	10.3	0.9998	1.8242	0.0005	2.8245	0.0006	-0.0001	0	0.0005
689	10.5	10.3	0.9998	1.824	0.0004	2.8242	0	-0.0054	0	-0.0054
690	10.4	10.3	0.9998	1.8236	0.0005	2.8239	0	-0.0101	0	-0.0101
691	10.2	10.3	0.9998	1.8229	0.0005	2.8233	0	-0.0046	-0.0007	-0.0053
692	9.98	10.3	0.9999	1.8227	0.0005	2.823	0	0.0003	-0.0002	0
693	9.86	10.3	0.9998	1.8226	0.0005	2.8229	0	0.0053	0.0006	0.006
694	10.3	10.4	0.9997	1.8225	0.0005	2.8228	0	0.0125	0.0001	0.0126

695	9.89	10.3	0.9998	1.8229	0.0005	2.8232	0	0.0118	0	0.0118
696	10.4	10.3	0.9997	1.8236	0.0004	2.8237	0	0.0169	0	0.0169
697	10.6	10.3	0.9997	1.8241	0.0004	2.8242	0	0.0214	-0.0009	0.0205
698	10.7	10.3	0.9998	1.8242	0.0004	2.8244	0.0009	0.0335	0	0.0344
699	10.4	10.3	0.9998	1.8247	0.0004	2.8249	0.0009	0.0265	0	0.0274
700	10.6	10.3	0.9998	1.8248	0.0003	2.825	0	0.0248	0	0.0248
701	10.5	10.3	0.9997	1.8249	0.0003	2.825	0	0.0188	0	0.0188
702	10.7	10.3	0.9998	1.825	0.0003	2.825	0	0.0213	0	0.0213
703	10.6	10.3	0.9998	1.825	0.0003	2.8251	-0.0003	0.0324	0	0.0322
704	10.1	10.4	0.9998	1.8251	0.0004	2.8253	-0.001	0.0417	0	0.0407
705	10.3	10.4	0.9997	1.825	0.0004	2.8251	-0.0007	0.043	-0.0003	0.0421
706	10.2	10.4	0.9998	1.825	0.0005	2.8253	0	0.0438	0.0003	0.0442
707	10.1	10.4	0.9998	1.8247	0.0005	2.825	0	0.0413	0.001	0.0423
708	9.98	10.4	0.9998	1.8243	0.0004	2.8245	0.0009	0.0412	0.0015	0.0435
709	9.84	10.4	0.9998	1.8236	0.0004	2.8238	0.001	0.0398	0.002	0.0428
710	10.1	10.4	0.9998	1.8231	0.0004	2.8233	0.001	0.0423	0.0014	0.0447
711	10.2	10.4	0.9998	1.8228	0.0004	2.823	0.0001	0.0431	0.0013	0.0444
712	10.9	10.4	0.9998	1.823	0.0004	2.8232	0.0002	0.0446	0.001	0.0458
713	10.9	10.4	0.9998	1.823	0.0004	2.8232	0	0.043	0.001	0.044
714	10.7	10.4	0.9998	1.8232	0.0004	2.8234	0	0.0437	0.0002	0.0439
715	10.4	10.3	0.9998	1.8237	0.0004	2.8239	-0.0004	0.0525	0	0.0521
716	10.2	10.3	0.9998	1.8239	0.0004	2.8241	-0.001	0.0505	0	0.0495
717	10.3	10.3	0.9998	1.8237	0.0004	2.8239	-0.001	0.0481	0	0.0471
718	10.7	10.3	0.9998	1.8239	0.0004	2.8241	-0.001	0.0578	0	0.0568
719	10	10.3	0.9998	1.8237	0.0004	2.8239	-0.001	0.0649	0	0.0639
720	10.6	10.3	0.9998	1.823	0.0004	2.8232	-0.001	0.0735	0	0.0725
721	10.8	10.3	0.9998	1.8228	0.0004	2.823	-0.001	0.0832	0	0.0822
722	10.2	10.3	0.9998	1.8226	0.0004	2.8228	-0.001	0.0844	0	0.0834
723	10.1	10.2	0.9998	1.8216	0.0004	2.8218	-0.001	0.0888	-0.0001	0.0877
724	9.89	10.2	0.9998	1.8213	0.0004	2.8215	-0.001	0.0855	-0.0009	0.0836
725	9.76	10.2	0.9998	1.8212	0.0005	2.8215	-0.001	0.0737	0	0.0727
726	9.93	10.2	0.9997	1.8207	0.0005	2.8209	-0.001	0.0683	0	0.0673
727	10.2	10.2	0.9997	1.8204	0.0004	2.8204	-0.0014	0.0711	0	0.0697
728	10.4	10.1	0.9996	1.8204	0.0004	2.8204	-0.002	0.0674	0	0.0654
729	10.2	10.2	0.9997	1.8207	0.0004	2.8208	-0.002	0.0581	0	0.0561
730	10.1	10.1	0.9997	1.8211	0.0004	2.8213	-0.002	0.045	0	0.043
731	10.2	10.1	0.9998	1.8214	0.0004	2.8216	-0.002	0.0389	0	0.0369

732	9.81	10.1	0.9998	1.8216	0.0004	2.8218	-0.002	0.03	0	0.028
733	10.1	10.1	0.9997	1.8217	0.0004	2.8219	-0.002	0.0211	0	0.0191
734	10.1	10.1	0.9998	1.8219	0.0004	2.8221	-0.0012	0.0138	0	0.0125
735	9.94	10.2	0.9998	1.822	0.0004	2.8222	-0.0019	0.019	0	0.0172
736	10.3	10.2	0.9998	1.8223	0.0004	2.8225	-0.002	0.0228	-0.0009	0.0199
737	10	10.2	0.9998	1.8223	0.0004	2.8225	-0.001	0.027	-0.001	0.025
738	10.3	10.2	0.9998	1.8229	0.0004	2.8231	-0.001	0.0265	0	0.0255
739	10.1	10.2	0.9998	1.8235	0.0004	2.8237	-0.001	0.0315	-0.0002	0.0303
740	10.1	10.2	0.9998	1.8236	0.0005	2.8238	-0.0001	0.0351	0.0001	0.0351
741	9.98	10.2	0.9998	1.8237	0.0004	2.8239	0	0.0331	0.001	0.0341
742	10.5	10.2	0.9998	1.8241	0.0004	2.8243	0.0004	0.0368	0.001	0.0382
743	10.2	10.2	0.9998	1.8242	0.0005	2.8244	0.0004	0.0401	0.001	0.0415
744	10.7	10.3	0.9998	1.8241	0.0005	2.8244	-0.001	0.04	0.001	0.04
745	10.2	10.3	0.9998	1.8235	0.0005	2.8238	-0.0017	0.0428	0.001	0.0421
746	10.2	10.3	0.9998	1.8226	0.0005	2.8229	-0.001	0.0432	0.001	0.0432
747	10.4	10.3	0.9997	1.8222	0.0005	2.8224	-0.0012	0.0481	0.0002	0.0471
748	10.2	10.3	0.9998	1.8224	0.0005	2.8227	-0.002	0.0512	-0.0004	0.0488
749	10.3	10.3	0.9998	1.8218	0.0005	2.8221	-0.0011	0.0487	-0.001	0.0466
750	10.2	10.3	0.9998	1.8222	0.0005	2.8225	-0.001	0.0511	-0.001	0.0491
751	10.3	10.3	0.9998	1.8215	0.0005	2.8218	-0.001	0.0504	-0.0019	0.0475
752	10.2	10.3	0.9998	1.8204	0.0005	2.8207	-0.002	0.053	-0.002	0.049
753	10.7	10.3	0.9999	1.8196	0.0005	2.82	-0.001	0.0473	-0.002	0.0443
754	10.4	10.3	0.9999	1.8193	0.0005	2.8196	-0.001	0.0431	-0.0019	0.0402
755	10.5	10.3	0.9998	1.8193	0.0004	2.8195	-0.0005	0.0435	-0.001	0.042
756	10.1	10.3	0.9998	1.8193	0.0003	2.8194	-0.0015	0.0384	-0.0008	0.0361
757	9.65	10.2	0.9998	1.8191	0.0003	2.8192	-0.001	0.0393	0	0.0383
758	9.97	10.2	0.9998	1.819	0.0002	2.819	-0.0004	0.037	-0.0003	0.0363
759	10.3	10.2	0.9998	1.819	0.0003	2.8191	-0.0006	0.036	-0.001	0.0343
760	10.6	10.2	0.9998	1.8189	0.0004	2.8191	-0.001	0.0345	-0.001	0.0325
761	10.5	10.1	0.9999	1.8186	0.0004	2.8189	-0.001	0.0369	-0.001	0.0349
762	10.7	10.1	0.9999	1.8189	0.0004	2.8192	-0.001	0.0473	-0.001	0.0453
763	10.6	10.1	0.9999	1.8188	0.0005	2.8192	-0.001	0.0555	-0.001	0.0535
764	9.71	10	0.9999	1.8184	0.0005	2.8188	-0.0003	0.0578	-0.001	0.0565
765	9.52	10	0.9999	1.8189	0.0005	2.8193	-0.0006	0.0627	-0.001	0.061
766	10.2	9.98	0.9999	1.8188	0.0005	2.8192	-0.0004	0.0721	-0.001	0.0707
767	9.55	10	0.9999	1.8183	0.0005	2.8187	0	0.075	-0.001	0.074
768	9.68	9.99	0.9999	1.8185	0.0005	2.8189	0	0.0725	-0.001	0.0715

769	9.78	9.96	0.9999	1.8183	0.0005	2.8187	0	0.0749	-0.001	0.0739
770	9.94	9.93	0.9999	1.8178	0.0005	2.8182	0	0.0737	-0.001	0.0727
771	9.8	9.91	0.9999	1.8178	0.0005	2.8182	0	0.0622	-0.001	0.0612
772	9.58	9.87	0.9999	1.8176	0.0005	2.818	0	0.0572	-0.0002	0.057
773	9.82	9.83	0.9999	1.8177	0.0005	2.8181	0	0.0584	0	0.0584
774	10.2	9.82	0.9999	1.8182	0.0005	2.8186	0	0.051	0	0.051
775	9.65	9.88	0.9999	1.8185	0.0005	2.8189	0.0009	0.0455	0.0002	0.0466
776	9.96	9.86	0.9999	1.8182	0.0005	2.8186	-0.0002	0.0496	0.001	0.0504
777	9.69	9.88	0.9999	1.8181	0.0005	2.8185	-0.001	0.0444	0.0007	0.0441
778	9.81	9.91	0.9999	1.8185	0.0005	2.8189	-0.0005	0.0404	0	0.04
779	10	9.95	0.9999	1.8194	0.0005	2.8198	-0.0016	0.0446	0	0.043
780	10.1	9.99	0.9999	1.8198	0.0005	2.8202	-0.0005	0.0514	0	0.0508
781	9.81	10.1	0.9999	1.8203	0.0005	2.8207	-0.0005	0.0574	0	0.0569
782	9.97	10.1	0.9999	1.8206	0.0005	2.821	-0.0005	0.0644	0	0.0639
783	9.52	10.2	0.9999	1.8213	0.0005	2.8217	0	0.0657	0	0.0657
784	10.5	10.2	0.9999	1.8211	0.0005	2.8215	-0.0006	0.0675	0	0.0669
785	9.88	10.3	0.9999	1.8211	0.0005	2.8215	-0.0004	0.0673	0	0.0669
786	9.97	10.4	0.9999	1.8211	0.0005	2.8215	0	0.065	0	0.065
787	10.3	10.4	0.9999	1.8212	0.0005	2.8216	0	0.0691	-0.0005	0.0686
788	10.6	10.5	0.9999	1.8211	0.0005	2.8215	0	0.0643	-0.001	0.0633
789	10.6	10.5	0.9998	1.8205	0.0004	2.8207	0	0.0659	-0.001	0.0649
790	11.6	10.5	0.9998	1.8203	0.0004	2.8205	0	0.0686	-0.001	0.0676
791	10.8	10.6	0.9998	1.8192	0.0004	2.8194	0	0.0681	-0.0003	0.0678
792	10.7	10.6	0.9998	1.8187	0.0004	2.8189	0	0.0685	-0.0008	0.0678
793	11	10.7	0.9999	1.8186	0.0004	2.8189	0	0.0699	-0.001	0.0689
794	11.1	10.7	0.9999	1.8182	0.0004	2.8185	0	0.07	-0.0001	0.0699
795	10.8	10.7	0.9999	1.8186	0.0004	2.8189	0	0.0683	0	0.0683
796	10.6	10.7	0.9998	1.8187	0.0004	2.819	0	0.0623	0	0.0623
797	11	10.7	0.9999	1.819	0.0004	2.8193	0	0.0558	0	0.0558
798	10.8	10.7	0.9999	1.8194	0.0005	2.8198	-0.0009	0.0536	0	0.0527
799	10.7	10.6	0.9999	1.8196	0.0005	2.82	0	0.0537	0	0.0537
800	10.7	10.5	0.9999	1.8198	0.0005	2.8202	0	0.0486	0	0.0486
801	10.7	10.5	0.9999	1.8196	0.0005	2.82	0	0.054	0	0.054
802	10.4	10.5	0.9999	1.8202	0.0005	2.8206	0	0.0452	0	0.0452
803	10.5	10.4	0.9999	1.8207	0.0005	2.8211	0.0003	0.0325	0	0.0328
804	10.2	10.3	0.9998	1.8208	0.0005	2.8211	0.001	0.0235	0	0.0245
805	9.83	10.2	0.9999	1.8211	0.0005	2.8215	0.0007	0.0183	-0.0003	0.0186

806	9.95	10.2	0.9999	1.821	0.0005	2.8214	-0.0004	0.0126	-0.0013	0.0109
807	10.4	10.2	0.9998	1.821	0.0005	2.8214	-0.0006	0.0092	-0.002	0.0066
808	10.2	10.1	0.9999	1.8207	0.0005	2.8211	0	0.0021	-0.0025	-0.0004
809	10.1	10.1	0.9999	1.8202	0.0005	2.8206	0	-0.0017	-0.003	-0.0047
810	10.2	10.1	0.9999	1.8194	0.0005	2.8198	0	-0.0034	-0.0024	-0.0057
811	9.94	10.1	0.9999	1.8181	0.0005	2.8185	0	-0.0057	-0.0013	-0.007
812	9.65	10.1	0.9999	1.8175	0.0005	2.8179	0.0008	-0.0076	-0.001	-0.0078
813	9.64	10.1	0.9998	1.8172	0.0005	2.8176	0.001	-0.0032	-0.001	-0.0032
814	9.27	10.1	0.9999	1.817	0.0005	2.8173	0.001	-0.0017	-0.0002	-0.0009
815	9.68	10.1	0.9998	1.8165	0.0005	2.8169	0.001	-0.0059	0	-0.0049
816	10.4	10.1	0.9998	1.8164	0.0005	2.8167	0.001	-0.0023	0	-0.0013
817	10.2	10.1	0.9998	1.8164	0.0005	2.8167	0.0001	-0.0067	0	-0.0067
818	10.5	10.1	0.9998	1.8165	0.0005	2.8168	0	-0.0147	0	-0.0147
819	10.5	10.1	0.9998	1.8164	0.0005	2.8167	0	-0.0137	0	-0.0137
820	10.3	10.1	0.9998	1.8168	0.0005	2.8171	0	-0.0123	0	-0.0123
821	10.6	10	0.9998	1.817	0.0004	2.8173	0.0002	-0.0183	0	-0.018
822	10.1	10.1	0.9998	1.8168	0.0004	2.817	0.001	-0.0179	0.0003	-0.0165
823	10.4	10.1	0.9998	1.8165	0.0004	2.8167	0.001	-0.0208	0.001	-0.0188
824	10.3	10.1	0.9997	1.8167	0.0004	2.8168	0.001	-0.0218	0.001	-0.0198
825	10.1	10.2	0.9998	1.8163	0.0004	2.8165	0.001	-0.021	0.0005	-0.0196
826	10.3	10.1	0.9998	1.8163	0.0004	2.8165	0.001	-0.0209	0	-0.0199
827	9.94	10.1	0.9997	1.8163	0.0004	2.8164	0.0003	-0.0239	0	-0.0236
828	9.84	10.1	0.9998	1.8159	0.0004	2.8161	0	-0.0227	0	-0.0227
829	9.66	10.1	0.9998	1.8155	0.0004	2.8157	0	-0.026	0	-0.026
830	9.53	10.1	0.9998	1.8154	0.0004	2.8156	0	-0.021	0	-0.021
831	10	10.1	0.9998	1.815	0.0004	2.8152	0.0009	-0.0209	0	-0.0201
832	10.1	10.1	0.9998	1.815	0.0004	2.8152	0.001	-0.0132	0	-0.0122
833	10.1	10	0.9998	1.815	0.0004	2.8152	0.001	-0.0075	0	-0.0065
834	10.2	10	0.9998	1.8152	0.0004	2.8154	0.001	0.004	0	0.005
835	10.1	10	0.9998	1.8155	0.0004	2.8157	0	0.0045	0	0.0045
836	9.99	9.99	0.9998	1.8154	0.0004	2.8156	0	0.0137	0	0.0137
837	10.2	10	0.9998	1.8158	0.0005	2.8161	0	0.0286	0	0.0286
838	10.3	10.1	0.9998	1.8163	0.0005	2.8166	0	0.033	0	0.033
839	10.1	10.1	0.9998	1.8166	0.0005	2.8169	0	0.0345	0	0.0345
840	10.1	10.1	0.9998	1.8167	0.0005	2.817	-0.0006	0.0369	-0.0009	0.0354
841	10.2	10.2	0.9998	1.8169	0.0005	2.8172	0	0.0388	-0.001	0.0378
842	9.87	10.2	0.9998	1.8171	0.0005	2.8174	0	0.0343	-0.001	0.0333

843	9.79	10.2	0.9998	1.8172	0.0005	2.8175	0.0001	0.0349	-0.001	0.034
844	9.93	10.3	0.9998	1.8172	0.0005	2.8175	0.0004	0.033	-0.001	0.0323
845	9.9	10.3	0.9998	1.8173	0.0005	2.8176	0.0006	0.0304	-0.001	0.03
846	10.6	10.4	0.9998	1.8171	0.0005	2.8174	0.0007	0.0322	-0.001	0.032
847	10.7	10.4	0.9998	1.8168	0.0005	2.8171	0.0003	0.0281	-0.001	0.0274
848	10.3	10.4	0.9998	1.817	0.0005	2.8173	0.001	0.0277	-0.0006	0.0281
849	10.3	10.5	0.9998	1.817	0.0005	2.8173	0.001	0.0257	0	0.0267
850	10.8	10.5	0.9998	1.8168	0.0005	2.8171	0.0017	0.03	0	0.0316
851	10.6	10.5	0.9998	1.817	0.0005	2.8173	0.0014	0.0327	0	0.034
852	10.6	10.6	0.9998	1.8172	0.0005	2.8175	0.001	0.0266	0	0.0276
853	10.5	10.6	0.9998	1.8173	0.0005	2.8176	0.0017	0.0336	0	0.0354
854	11.1	10.7	0.9998	1.8175	0.0005	2.8178	0.0012	0.0382	0	0.0394
855	11.3	10.7	0.9998	1.8181	0.0005	2.8184	0.0004	0.0401	0	0.0405
856	11	10.7	0.9999	1.8184	0.0005	2.8187	0.0007	0.0447	0	0.0454
857	10.8	10.7	0.9998	1.8189	0.0005	2.8192	0.001	0.042	0	0.043
858	10.7	10.7	0.9998	1.8191	0.0005	2.8194	0.0004	0.0456	0	0.0459
859	10.7	10.8	0.9998	1.8193	0.0005	2.8196	0.0006	0.0415	0	0.0422
860	10.7	10.8	0.9998	1.8195	0.0005	2.8198	0.0011	0.0317	0	0.0329
861	10.7	10.8	0.9998	1.8194	0.0005	2.8197	0.002	0.0227	0	0.0247
862	10.7	10.7	0.9998	1.8193	0.0005	2.8196	0.002	0.0112	0	0.0132
863	10.5	10.7	0.9998	1.819	0.0005	2.8193	0.002	0.0059	0	0.0079
864	10.2	10.7	0.9998	1.819	0.0005	2.8193	0.0013	0.009	0	0.0104
865	10.9	10.7	0.9998	1.8191	0.0005	2.8194	0.0016	0.0104	0	0.012
866	11	10.7	0.9999	1.8195	0.0005	2.8199	0.0014	0.0048	0	0.0062
867	10.7	10.7	0.9999	1.8197	0.0005	2.8201	0.001	0.0025	0	0.0035
868	10.9	10.7	0.9999	1.8199	0.0005	2.8203	0.001	0.001	0	0.002
869	10.8	10.7	0.9999	1.8195	0.0005	2.8199	0.0003	0.0007	0	0.001
870	10.6	10.6	0.9999	1.8197	0.0005	2.82	0	-0.0048	0	-0.0048
871	10.4	10.6	0.9998	1.8196	0.0005	2.8199	0	-0.0032	0	-0.0032
872	10.5	10.6	0.9998	1.8196	0.0004	2.8198	0.0009	0.0041	-0.0008	0.0042
873	10.7	10.6	0.9998	1.8199	0.0004	2.8201	0.001	0.0016	-0.001	0.0016
874	10.9	10.6	0.9998	1.8203	0.0005	2.8206	0.0001	0.0032	-0.0001	0.0032
875	10.8	10.6	0.9998	1.8206	0.0005	2.8209	0.0001	0.0137	0	0.0138
876	10.4	10.6	0.9999	1.8206	0.0005	2.821	0.001	0.0072	0	0.0082
877	10.5	10.6	0.9999	1.8204	0.0005	2.8208	0.001	0.0067	0	0.0077
878	10.5	10.5	0.9999	1.8211	0.0005	2.8215	0.0001	0.0042	0	0.0043
879	10.2	10.5	0.9999	1.8215	0.0005	2.8219	0.0012	-0.0023	-0.0002	-0.0013

880	10.8	10.5	0.9998	1.8219	0.0005	2.8222	0.002	-0.0099	-0.001	-0.0089
881	10.6	10.5	0.9998	1.8217	0.0005	2.822	0.002	-0.0154	-0.0007	-0.0142
882	10.3	10.5	0.9998	1.8214	0.0005	2.8217	0.002	-0.0169	0	-0.0149
883	10.3	10.5	0.9998	1.8209	0.0005	2.8212	0.002	-0.0125	0	-0.0105
884	10.7	10.5	0.9999	1.8206	0.0005	2.821	0.0018	-0.0142	0	-0.0124
885	10.2	10.5	0.9999	1.8197	0.0005	2.8201	0.001	-0.0083	0	-0.0073
886	10.4	10.5	0.9999	1.8182	0.0005	2.8186	0.0008	0.0006	-0.0002	0.0013
887	10.4	10.5	0.9999	1.8179	0.0005	2.8183	0.0002	-0.0015	-0.0005	-0.0018
888	10.7	10.5	0.9999	1.8176	0.0005	2.818	0.0013	0.0031	0	0.0044
889	10.6	10.5	0.9999	1.8168	0.0005	2.8172	0.0017	0.0002	0	0.0019
890	10.5	10.5	0.9998	1.8164	0.0005	2.8167	0.001	-0.0042	0	-0.0032
891	10.6	10.5	0.9998	1.8158	0.0005	2.8161	0.001	-0.0038	0	-0.0028
892	10.5	10.5	0.9998	1.8152	0.0005	2.8155	0.0006	-0.0016	0	-0.001
893	10.9	10.4	0.9999	1.8153	0.0005	2.8156	0	0.0033	0	0.0033
894	10.4	10.4	0.9998	1.8152	0.0005	2.8155	0	0.0092	0	0.0092
895	10.2	10.4	0.9998	1.8154	0.0005	2.8157	0	0.0162	0.0006	0.0167
896	10.5	10.4	0.9998	1.8159	0.0005	2.8162	0	0.0245	0.0004	0.0249
897	10.4	10.3	0.9998	1.8162	0.0005	2.8165	0	0.0224	0	0.0224
898	10.6	10.3	0.9998	1.8168	0.0005	2.8171	0	0.0188	0	0.0188
899	10.2	10.3	0.9997	1.8166	0.0005	2.8168	0	0.0246	0	0.0246
900	10.1	10.2	0.9998	1.8165	0.0005	2.8168	0	0.0278	0	0.0278
901	10.5	10.2	0.9998	1.817	0.0005	2.8173	0	0.0308	0	0.0308
902	9.94	10.2	0.9997	1.8169	0.0005	2.8171	0	0.0376	0	0.0376
903	9.73	10.2	0.9998	1.8168	0.0005	2.8171	0	0.04	0	0.04
904	9.91	10.2	0.9998	1.8168	0.0005	2.8171	0	0.0404	0	0.0404
905	9.81	10.3	0.9998	1.8167	0.0005	2.817	0	0.0424	0.0009	0.0433
906	10.1	10.3	0.9998	1.8168	0.0005	2.8171	0.0004	0.05	0.001	0.0514
907	9.61	10.3	0.9998	1.8165	0.0005	2.8168	0.0006	0.0553	0.001	0.0569
908	10.3	10.4	0.9998	1.8166	0.0005	2.8169	0	0.0613	0.0009	0.0622
909	10.1	10.4	0.9998	1.817	0.0005	2.8173	0	0.058	0.0002	0.0582
910	10.4	10.4	0.9997	1.8171	0.0005	2.8173	0	0.0564	0.001	0.0574
911	10.3	10.4	0.9997	1.817	0.0005	2.8172	0	0.0618	0.001	0.0628
912	11	10.5	0.9997	1.8169	0.0005	2.8171	0	0.0646	0.001	0.0656
913	11	10.6	0.9997	1.8163	0.0005	2.8165	0	0.06	0.0006	0.0606
914	11.1	10.6	0.9997	1.8159	0.0005	2.8161	0	0.0596	0.0005	0.0601
915	10.9	10.6	0.9997	1.8161	0.0005	2.8163	0	0.0649	0.001	0.0659
916	10.7	10.6	0.9997	1.8161	0.0005	2.8163	0	0.0693	0.0005	0.0698

917	11	10.7	0.9997	1.8163	0.0005	2.8165	0.0009	0.0705	0	0.0714
918	10.6	10.7	0.9998	1.8164	0.0005	2.8167	0.001	0.0654	0	0.0664
919	10.8	10.7	0.9998	1.8169	0.0005	2.8172	0.001	0.0665	0	0.0675
920	10.9	10.7	0.9998	1.8171	0.0005	2.8174	0.0015	0.0659	0	0.0673
921	10.6	10.7	0.9997	1.8166	0.0005	2.8168	0.0012	0.067	0.0005	0.0688
922	11.5	10.7	0.9997	1.8166	0.0005	2.8168	0	0.065	0.0007	0.0657
923	10.3	10.7	0.9998	1.8162	0.0004	2.8164	0	0.0626	-0.0006	0.062
924	10.8	10.6	0.9997	1.8154	0.0004	2.8155	0	0.0618	-0.001	0.0608
925	10.3	10.6	0.9997	1.8156	0.0004	2.8157	0	0.0659	-0.0005	0.0654
926	10.4	10.6	0.9997	1.8156	0.0004	2.8157	0.0006	0.0702	0	0.0708
927	10.8	10.6	0.9997	1.8159	0.0004	2.816	0.001	0.0703	0	0.0714
928	10.4	10.6	0.9997	1.8161	0.0004	2.8162	0.001	0.0698	0	0.0708
929	10.2	10.6	0.9996	1.8165	0.0005	2.8166	0.001	0.0797	0	0.0807
930	10.3	10.6	0.9996	1.8169	0.0005	2.817	0.001	0.0896	0	0.0906
931	10.4	10.6	0.9996	1.8167	0.0004	2.8167	0.0008	0.092	0	0.0928
932	10.4	10.5	0.9996	1.8163	0.0004	2.8163	0.001	0.0852	0	0.0862
933	10.4	10.5	0.9996	1.8164	0.0004	2.8164	0.001	0.0834	0	0.0844
934	10.4	10.5	0.9997	1.816	0.0004	2.8161	0.001	0.0814	0	0.0824
935	10.7	10.5	0.9997	1.8154	0.0004	2.8155	0.002	0.0847	0	0.0867
936	10.7	10.5	0.9998	1.8155	0.0005	2.8158	0.0028	0.0763	0	0.0791
937	10.8	10.5	0.9997	1.8155	0.0005	2.8157	0.003	0.0652	0	0.0682
938	10.5	10.5	0.9996	1.8163	0.0005	2.8164	0.003	0.0616	0.0007	0.0653
939	10.8	10.5	0.9997	1.817	0.0005	2.8172	0.003	0.0547	0.001	0.0587
940	10.9	10.5	0.9997	1.8171	0.0005	2.8173	0.0018	0.0439	0.001	0.0468
941	10.7	10.5	0.9997	1.817	0.0005	2.8173	0.001	0.0356	0.001	0.0376
942	10.4	10.6	0.9998	1.8168	0.0005	2.8171	0.001	0.0247	0.001	0.0267
943	10.7	10.6	0.9998	1.8162	0.0005	2.8165	0.001	0.0131	0	0.0142
944	10.5	10.6	0.9998	1.8156	0.0004	2.8158	0.0026	0.0141	0	0.0167
945	10.5	10.6	0.9998	1.8149	0.0005	2.8151	0.0014	0.0186	0	0.02
946	10.2	10.6	0.9998	1.8148	0.0005	2.8151	0.001	0.0219	0	0.0229
947	10.5	10.5	0.9998	1.815	0.0005	2.8153	0.001	0.0265	0	0.0275
948	10.4	10.5	0.9998	1.8146	0.0005	2.8149	0.001	0.027	0	0.028
949	10	10.4	0.9998	1.8142	0.0005	2.8145	0.001	0.0288	0	0.0298
950	10.8	10.4	0.9998	1.8137	0.0005	2.814	0.0003	0.0237	0	0.024
951	10.6	10.3	0.9998	1.8132	0.0005	2.8135	0.0006	0.0263	0	0.0269
952	10.9	10.3	0.9998	1.8132	0.0005	2.8135	0.001	0.0279	0	0.0289
953	10.6	10.2	0.9998	1.8132	0.0005	2.8135	0.0003	0.0258	0	0.026

954	11	10.2	0.9998	1.8133	0.0004	2.8135	0.0002	0.0278	0	0.028
955	10.1	10.2	0.9998	1.8131	0.0004	2.8133	0.0007	0.0239	0	0.0245
956	10.2	10.2	0.9998	1.8128	0.0004	2.813	0.001	0.0189	0	0.0199
957	9.78	10.2	0.9998	1.8128	0.0004	2.813	0.001	0.0141	0	0.0151
958	9.43	10.2	0.9998	1.8133	0.0005	2.8136	0.001	0.0073	0.0009	0.0092
959	9.45	10.2	0.9998	1.8137	0.0004	2.8139	0.001	0.0075	0.0002	0.0087
960	9.57	10.2	0.9998	1.8133	0.0004	2.8135	0.0016	0.0097	0.0008	0.0121
961	9.55	10.2	0.9998	1.8129	0.0004	2.8131	0.0003	0.0049	0.001	0.0062
962	10.2	10.2	0.9998	1.8133	0.0004	2.8135	0	0.0046	0.0003	0.0049
963	10.3	10.2	0.9998	1.813	0.0005	2.8133	0	0.0058	0	0.0058
964	10.2	10.2	0.9998	1.8125	0.0004	2.8127	-0.0008	0.0033	0	0.0025
965	10.4	10.2	0.9998	1.8122	0.0005	2.8125	-0.0002	0.0012	0	0.001
966	10.4	10.2	0.9998	1.8125	0.0005	2.8128	0	0.0022	0	0.0022
967	10.3	10.3	0.9998	1.8132	0.0005	2.8135	0.0007	0.001	0	0.0017
968	10.5	10.3	0.9998	1.8133	0.0005	2.8136	0.001	0.0062	0	0.0072
969	10.4	10.4	0.9998	1.8129	0.0005	2.8132	0.0017	0.007	0	0.0087
970	10.7	10.4	0.9998	1.813	0.0004	2.8132	0.002	0.0105	0	0.0125
971	10.6	10.5	0.9998	1.8131	0.0004	2.8133	0.002	0.0122	0	0.0142
972	10.5	10.5	0.9998	1.8134	0.0005	2.8136	0.0011	0.0078	0	0.0089
973	10.8	10.5	0.9998	1.8137	0.0005	2.814	0.0004	0.0056	0	0.006
974	10.7	10.5	0.9998	1.8137	0.0005	2.814	0.0009	-0.0034	-0.0009	-0.0034
975	10.4	10.5	0.9997	1.8136	0.0005	2.8138	-0.0005	-0.0106	-0.001	-0.0121
976	10.5	10.5	0.9998	1.8136	0.0005	2.8138	-0.0006	-0.006	-0.001	-0.0076
977	10.4	10.5	0.9998	1.8134	0.0005	2.8137	0.0004	-0.0052	-0.001	-0.0058
978	10.7	10.5	0.9998	1.8132	0.0005	2.8135	0.001	0.0003	-0.001	0.0003
979	10.8	10.4	0.9998	1.8126	0.0005	2.8129	0.0002	0.0057	-0.0008	0.0052
980	10.6	10.4	0.9997	1.8127	0.0005	2.8129	-0.0005	0.0081	0	0.0076
981	10.3	10.4	0.9997	1.8131	0.0005	2.8133	0	0.0106	0.0003	0.011
982	10.5	10.4	0.9997	1.813	0.0005	2.8132	-0.0006	0.0103	-0.0006	0.0092
983	9.93	10.4	0.9997	1.8127	0.0005	2.8129	-0.001	0.0073	-0.001	0.0053
984	10.4	10.4	0.9997	1.8122	0.0005	2.8124	-0.0014	0.0126	-0.0005	0.0108
985	10.4	10.4	0.9996	1.8121	0.0005	2.8122	-0.001	0.0126	-0.0006	0.0111
986	10	10.4	0.9996	1.8117	0.0005	2.8118	-0.0008	0.0092	-0.0008	0.0076
987	10	10.4	0.9996	1.8118	0.0004	2.8118	-0.0002	0.0086	0	0.0084
988	10.2	10.4	0.9996	1.8122	0.0004	2.8122	-0.0013	0.0081	0	0.0068
989	10.3	10.4	0.9997	1.8124	0.0004	2.8125	-0.0017	0.0179	0	0.0162
990	10.5	10.3	0.9997	1.8128	0.0004	2.8129	-0.001	0.0321	0	0.0311

991	10.5	10.4	0.9997	1.8133	0.0004	2.8134	-0.001	0.0427	0	0.0417
992	10.6	10.4	0.9997	1.8139	0.0005	2.814	-0.0006	0.0436	0	0.043
993	11	10.4	0.9996	1.8139	0.0005	2.814	0	0.0388	0	0.0388
994	10.4	10.4	0.9997	1.8133	0.0005	2.8135	0	0.036	0	0.036
995	10.7	10.4	0.9997	1.8132	0.0005	2.8134	0	0.0306	-0.0006	0.03
996	10.3	10.5	0.9997	1.8133	0.0005	2.8135	0	0.0251	-0.0004	0.0247
997	10.3	10.5	0.9997	1.8135	0.0005	2.8137	0	0.0251	0	0.0251
998	9.94	10.6	0.9997	1.8139	0.0005	2.8141	0	0.0331	0	0.0331
999	10.4	10.6	0.9997	1.8142	0.0005	2.8144	0	0.0301	0	0.0301
1000	10.8	10.6	0.9997	1.8139	0.0005	2.8141	0	0.0262	0	0.0262
1001	10.7	10.6	0.9997	1.8142	0.0005	2.8144	0	0.027	0	0.027
1002	10.6	10.7	0.9997	1.8143	0.0005	2.8145	0	0.0173	0	0.0173
1003	10.6	10.7	0.9998	1.8141	0.0005	2.8143	0	0.0166	0	0.0166
1004	10.5	10.7	0.9997	1.8144	0.0005	2.8146	0	0.0201	0	0.0201
1005	10.4	10.7	0.9997	1.8148	0.0005	2.815	0	0.0199	-0.0009	0.0189
1006	11	10.8	0.9997	1.8154	0.0005	2.8156	0	0.0163	-0.001	0.0153
1007	11.1	10.8	0.9997	1.8157	0.0004	2.8158	0	0.0115	-0.001	0.0105
1008	10.7	10.9	0.9997	1.8158	0.0005	2.816	0	0.0115	-0.0009	0.0106
1009	10.8	10.9	0.9996	1.816	0.0004	2.8161	0	0.0071	-0.0002	0.007
1010	10.8	10.9	0.9997	1.8166	0.0004	2.8167	0	0.0112	-0.001	0.0102
1011	11.5	10.9	0.9997	1.8165	0.0005	2.8167	0	0.0054	-0.001	0.0044
1012	11.2	10.9	0.9997	1.8163	0.0005	2.8165	0	0.0034	-0.001	0.0024
1013	11.1	10.9	0.9998	1.816	0.0005	2.8163	0	0.0032	-0.0006	0.0026
1014	11.1	10.9	0.9997	1.8158	0.0005	2.816	0	-0.0058	-0.0005	-0.0062
1015	11	10.9	0.9997	1.8158	0.0005	2.816	0	-0.0104	0	-0.0105
1016	11.2	10.8	0.9996	1.816	0.0005	2.8161	0	-0.0254	-0.0005	-0.0258
1017	10.7	10.8	0.9996	1.8157	0.0005	2.8158	0	-0.0286	0	-0.0286
1018	10.7	10.8	0.9996	1.8157	0.0005	2.8158	0.001	-0.0244	0	-0.0234
1019	10.6	10.8	0.9996	1.8158	0.0005	2.8159	0.0011	-0.0213	0.0001	-0.0202
1020	10.7	10.8	0.9996	1.8159	0.0005	2.816	0.0015	-0.0287	0.001	-0.0262
1021	10.8	10.8	0.9996	1.8158	0.0005	2.8159	0.0015	-0.0234	0.0005	-0.0214
1022	10.7	10.8	0.9997	1.8161	0.0005	2.8162	0.002	-0.0228	0	-0.0208
1023	10.5	10.7	0.9997	1.8165	0.0005	2.8167	0.002	-0.0166	0.0006	-0.014
1024	10.3	10.7	0.9997	1.8164	0.0005	2.8167	0.0015	-0.0045	0.0005	-0.0024
1025	10.3	10.7	0.9998	1.8162	0.0005	2.8164	0.001	0.0018	0	0.0028
1026	10.7	10.7	0.9997	1.8161	0.0005	2.8163	0.0004	0.0047	0	0.0051
1027	10.8	10.7	0.9996	1.8158	0.0005	2.8159	0.0013	0.0051	0	0.0064

1028	10.6	10.7	0.9997	1.8155	0.0005	2.8157	0.0013	0.006	0	0.0073
1029	10.6	10.7	0.9996	1.8157	0.0005	2.8159	0.001	0.0064	0	0.0074
1030	11	10.7	0.9996	1.8158	0.0004	2.8159	0.0017	0.001	0	0.0027
1031	10.9	10.7	0.9997	1.8156	0.0005	2.8158	0.0005	0.0033	0	0.0039
1032	10.9	10.7	0.9997	1.8156	0.0005	2.8158	0	0.0095	0	0.0095
1033	10.8	10.7	0.9998	1.8151	0.0004	2.8153	0	0.0096	0	0.0096
1034	10.7	10.8	0.9998	1.8148	0.0005	2.815	0	0.0153	0	0.0153
1035	10.8	10.8	0.9998	1.8145	0.0005	2.8148	0	0.007	0.001	0.0081
1036	10.8	10.9	0.9998	1.8146	0.0005	2.8149	0.0001	0.004	0.0009	0.005
1037	10.7	10.9	0.9998	1.8147	0.0005	2.815	-0.001	0.0058	0	0.0048
1038	10.3	10.9	0.9998	1.8145	0.0005	2.8148	-0.0013	0	-0.0007	-0.002
1039	10.9	10.9	0.9998	1.8138	0.0005	2.8141	-0.0017	-0.001	-0.001	-0.0037
1040	11	10.8	0.9998	1.8128	0.0005	2.8131	-0.0002	-0.0062	-0.001	-0.0073
1041	10.9	10.8	0.9998	1.8127	0.0005	2.813	0	-0.0081	-0.001	-0.0091
1042	10.8	10.8	0.9998	1.8129	0.0005	2.8132	0	0.0026	-0.001	0.0016
1043	11.2	10.7	0.9998	1.8126	0.0005	2.8129	0	0.0165	-0.0006	0.0159
1044	11.4	10.7	0.9998	1.8126	0.0005	2.8129	-0.001	0.0206	-0.001	0.0187
1045	11.4	10.7	0.9998	1.8124	0.0005	2.8127	-0.0007	0.0129	-0.001	0.0112
1046	11.2	10.6	0.9998	1.8123	0.0005	2.8126	-0.0002	0.0077	-0.001	0.0065
1047	10.8	10.6	0.9998	1.8116	0.0005	2.8119	0	0.0173	-0.0001	0.0172
1048	10.4	10.6	0.9998	1.8116	0.0005	2.8119	0	0.0207	0	0.0207
1049	9.96	10.6	0.9998	1.8116	0.0005	2.8119	0	0.0192	0	0.0192
1050	10.3	10.6	0.9998	1.811	0.0005	2.8113	0.0002	0.0266	0	0.0267
1051	10.5	10.6	0.9998	1.8115	0.0005	2.8118	0.001	0.0233	0	0.0243
1052	9.99	10.6	0.9998	1.8115	0.0005	2.8118	0.001	0.0305	0	0.0315
1053	9.91	10.5	0.9998	1.8112	0.0005	2.8115	0.001	0.0337	0	0.0347
1054	10.1	10.4	0.9998	1.8113	0.0005	2.8116	0.0016	0.0285	0	0.0301
1055	10.1	10.4	0.9998	1.8114	0.0005	2.8117	0.0013	0.0271	0	0.0284
1056	10.2	10.4	0.9998	1.8117	0.0005	2.812	0.0004	0.0272	0	0.0277
1057	10.6	10.3	0.9998	1.8117	0.0005	2.812	0	0.0299	0	0.0299
1058	10.8	10.3	0.9998	1.8126	0.0005	2.8129	0	0.0293	-0.0009	0.0284
1059	10.6	10.4	0.9998	1.8126	0.0005	2.8129	0	0.0283	-0.0002	0.0281
1060	10.9	10.4	0.9998	1.8128	0.0005	2.8131	-0.0008	0.0237	-0.0008	0.0222
1061	10.6	10.4	0.9998	1.8126	0.0005	2.8129	-0.0003	0.0262	-0.0019	0.024
1062	10.4	10.4	0.9998	1.8129	0.0005	2.8132	0	0.0214	-0.0013	0.0202
1063	10	10.4	0.9998	1.8136	0.0005	2.8139	0	0.0178	-0.001	0.0168
1064	10.5	10.5	0.9998	1.8136	0.0004	2.8138	0.0008	0.0103	-0.001	0.0101

1065	10.3	10.5	0.9998	1.8147	0.0005	2.815	0.0002	0.0117	-0.001	0.0109
1066	10.4	10.5	0.9998	1.8153	0.0005	2.8156	0	0.013	-0.001	0.012
1067	10.2	10.5	0.9997	1.8156	0.0005	2.8158	-0.0007	0.0151	-0.001	0.0134
1068	10.7	10.5	0.9997	1.8154	0.0005	2.8156	-0.001	0.0127	-0.0006	0.0111
1069	10.4	10.5	0.9996	1.8158	0.0004	2.8158	-0.001	0.0134	0	0.0124
1070	10.4	10.5	0.9996	1.8153	0.0004	2.8153	-0.0016	0.0181	-0.0006	0.016
1071	10.3	10.5	0.9996	1.8154	0.0004	2.8154	-0.002	0.0232	-0.001	0.0202
1072	10.6	10.5	0.9996	1.815	0.0004	2.815	-0.002	0.0215	-0.001	0.0185
1073	10.7	10.5	0.9996	1.8142	0.0004	2.8143	-0.0014	0.0234	-0.001	0.021
1074	10.8	10.5	0.9997	1.8135	0.0005	2.8137	-0.0002	0.0301	-0.001	0.0289
1075	10.7	10.5	0.9997	1.8131	0.0005	2.8133	0.0005	0.0332	-0.001	0.0327
1076	10.8	10.5	0.9996	1.813	0.0005	2.8132	0.0006	0.0348	0	0.0354
1077	10.6	10.6	0.9997	1.8128	0.0005	2.813	-0.0004	0.0286	0	0.0282
1078	10.1	10.6	0.9997	1.8125	0.0005	2.8127	-0.001	0.028	0	0.027
1079	10.6	10.6	0.9996	1.8125	0.0005	2.8126	-0.0005	0.025	0.0002	0.0247
1080	10.2	10.6	0.9997	1.8124	0.0005	2.8126	-0.0005	0.0272	0.0007	0.0274
1081	10.5	10.6	0.9997	1.8122	0.0005	2.8124	-0.001	0.0299	-0.0006	0.0283
1082	11	10.6	0.9997	1.8121	0.0005	2.8123	-0.0004	0.0283	-0.0004	0.0275
1083	10.3	10.6	0.9997	1.8112	0.0005	2.8114	0.0006	0.0297	0	0.0302
1084	10.6	10.5	0.9997	1.8115	0.0004	2.8116	0.0009	0.0294	-0.0005	0.0298
1085	10.8	10.6	0.9996	1.8116	0.0004	2.8117	0.001	0.0277	-0.0012	0.0276
1086	10.7	10.6	0.9997	1.8111	0.0005	2.8113	0.001	0.0219	-0.0002	0.0227
1087	10.7	10.6	0.9997	1.8118	0.0005	2.812	0.001	0.0157	0	0.0167
1088	10.6	10.6	0.9998	1.8123	0.0005	2.8125	0.001	0.0185	0	0.0195
1089	10.7	10.6	0.9997	1.813	0.0005	2.8132	0.001	0.0144	0	0.0154
1090	10.5	10.6	0.9997	1.8136	0.0005	2.8138	0.001	0.0097	0	0.0107
1091	10.4	10.7	0.9997	1.8131	0.0005	2.8133	0.001	0.0071	0	0.0081
1092	10.5	10.6	0.9997	1.8122	0.0006	2.8125	0.001	0.0055	0	0.0065
1093	10.3	10.6	0.9997	1.8118	0.0006	2.8121	0.001	0.0161	0	0.0171
1094	10.8	10.6	0.9998	1.812	0.0006	2.8124	0.001	0.0124	0	0.0134
1095	10.7	10.6	0.9997	1.8124	0.0006	2.8127	0.0016	0.0068	0	0.0083
1096	10.7	10.6	0.9997	1.8115	0.0005	2.8118	0.0014	0.0012	0	0.0025
1097	10.7	10.6	0.9997	1.8115	0.0005	2.8117	0.001	-0.0026	0	-0.0016
1098	10.9	10.6	0.9997	1.812	0.0005	2.8122	0.001	-0.0137	0	-0.0127
1099	10.9	10.6	0.9997	1.8116	0.0005	2.8118	0.001	-0.0194	0	-0.0184
1100	10.6	10.6	0.9996	1.8116	0.0005	2.8117	0.001	-0.0275	0	-0.0265
1101	10.2	10.5	0.9996	1.8112	0.0005	2.8113	0.001	-0.0351	0	-0.0341

1102	10.1	10.6	0.9996	1.8109	0.0005	2.811	0.001	-0.0258	0	-0.0248
1103	10.4	10.5	0.9996	1.8112	0.0005	2.8113	0.001	-0.0224	0	-0.0214
1104	11	10.5	0.9996	1.8117	0.0005	2.8118	0.001	-0.0151	0	-0.0141
1105	10.8	10.5	0.9997	1.8121	0.0005	2.8122	0.001	-0.0133	0	-0.0123
1106	10.3	10.4	0.9997	1.8124	0.0005	2.8126	0.001	-0.0079	0	-0.0069
1107	10.4	10.4	0.9997	1.8128	0.0005	2.813	0.001	-0.0019	0	-0.0009
1108	10.6	10.4	0.9997	1.813	0.0005	2.8132	0.001	-0.0026	0	-0.0016
1109	10.6	10.4	0.9997	1.8136	0.0005	2.8138	0.001	0.005	0	0.006
1110	9.86	10.4	0.9997	1.814	0.0006	2.8143	0.001	0.0017	0	0.0027
1111	10.6	10.4	0.9997	1.8143	0.0006	2.8146	0.001	0.0026	0	0.0036
1112	9.67	10.4	0.9997	1.8145	0.0006	2.8148	0.001	0.0083	0	0.0093
1113	9.91	10.4	0.9997	1.815	0.0006	2.8153	0.001	0.0121	0	0.0131
1114	10.4	10.4	0.9997	1.8146	0.0006	2.8149	0.001	0.0146	0	0.0156
1115	10.4	10.4	0.9997	1.8145	0.0006	2.8148	0.001	0.0158	-0.001	0.0158
1116	10.5	10.4	0.9997	1.8145	0.0006	2.8148	0.001	0.0256	-0.001	0.0256
1117	10.6	10.4	0.9997	1.8144	0.0006	2.8147	0.001	0.036	-0.001	0.036
1118	10.6	10.4	0.9997	1.8143	0.0005	2.8145	0	0.0387	-0.001	0.0377
1119	10.4	10.4	0.9998	1.814	0.0006	2.8143	-0.0005	0.035	-0.0011	0.0334
1120	10.5	10.4	0.9998	1.8136	0.0006	2.814	-0.002	0.0397	-0.002	0.0357
1121	10.3	10.4	0.9998	1.8137	0.0006	2.8141	-0.002	0.0357	-0.002	0.0317
1122	10.1	10.5	0.9998	1.8138	0.0006	2.8142	-0.0013	0.0358	-0.002	0.0324
1123	10.3	10.5	0.9997	1.8135	0.0006	2.8138	-0.001	0.0315	-0.0012	0.0293
1124	10.9	10.5	0.9997	1.8131	0.0006	2.8134	-0.0005	0.0226	-0.0005	0.0215
1125	10	10.5	0.9997	1.8127	0.0005	2.8129	0	0.0141	0	0.0141
1126	10.6	10.5	0.9997	1.8132	0.0005	2.8134	0	0.0083	0	0.0083
1127	11	10.5	0.9997	1.8131	0.0005	2.8133	-0.0006	0.0079	0	0.0073
1128	10.4	10.5	0.9997	1.8131	0.0005	2.8132	-0.0003	0.0037	0	0.0034
1129	10.6	10.5	0.9997	1.813	0.0004	2.8131	0	0.0004	0	0.0004
1130	10.4	10.6	0.9997	1.8129	0.0005	2.8131	-0.0007	-0.0034	0	-0.0042
1131	10.5	10.6	0.9997	1.8128	0.0005	2.813	-0.0003	-0.0016	0	-0.0019
1132	10.4	10.6	0.9996	1.8126	0.0005	2.8127	0	-0.0063	0	-0.0063
1133	10.4	10.6	0.9997	1.8122	0.0005	2.8124	-0.0004	-0.0049	0	-0.0053
1134	10.5	10.6	0.9997	1.812	0.0006	2.8123	-0.0005	-0.0051	0	-0.0056
1135	10.9	10.6	0.9997	1.8123	0.0005	2.8125	-0.0006	0.0041	-0.0016	0.002
1136	10.7	10.6	0.9997	1.8131	0.0005	2.8133	-0.0012	0.0079	-0.0019	0.0048
1137	11	10.5	0.9997	1.8129	0.0005	2.8131	0	0.002	-0.001	0.001
1138	10.6	10.5	0.9997	1.813	0.0005	2.8132	0.0003	0.0098	-0.001	0.0091

1139	10.9	10.5	0.9997	1.8128	0.0005	2.813	0.0007	0.0142	-0.001	0.0139
1140	10.6	10.5	0.9997	1.8121	0.0005	2.8123	0	0.0234	-0.001	0.0224
1141	10.2	10.5	0.9997	1.8121	0.0005	2.8123	0	0.0247	-0.001	0.0237
1142	10.5	10.5	0.9997	1.8113	0.0005	2.8115	0	0.0173	-0.0002	0.0172
1143	10.6	10.5	0.9997	1.8114	0.0005	2.8116	0	0.0041	-0.0003	0.0037
1144	10.2	10.5	0.9996	1.8119	0.0005	2.812	0	0.0023	0	0.0023
1145	10.3	10.4	0.9997	1.8122	0.0005	2.8124	0.0007	0.0069	0	0.0076
1146	9.87	10.4	0.9997	1.8126	0.0005	2.8128	0.0002	0.0089	0	0.0091
1147	10.6	10.3	0.9997	1.813	0.0005	2.8132	0.0002	-0.0033	-0.0007	-0.0037
1148	10.7	10.3	0.9997	1.8135	0.0005	2.8137	0.0007	-0.0063	0	-0.0056
1149	10.1	10.3	0.9997	1.8143	0.0005	2.8145	0.0004	-0.0023	0	-0.0019
1150	10.2	10.3	0.9997	1.8146	0.0005	2.8148	0.0004	-0.0072	-0.0004	-0.0071
1151	10.4	10.3	0.9997	1.8141	0.0005	2.8143	-0.001	-0.0107	-0.001	-0.0127
1152	10.2	10.4	0.9997	1.8137	0.0005	2.8139	-0.001	-0.0181	-0.001	-0.0201
1153	10.1	10.4	0.9997	1.8127	0.0005	2.8129	-0.001	-0.0234	-0.001	-0.0254
1154	9.81	10.4	0.9997	1.8126	0.0005	2.8128	-0.001	-0.0194	-0.001	-0.0214
1155	10.3	10.5	0.9997	1.8122	0.0005	2.8124	-0.001	-0.0125	-0.0003	-0.0138
1156	10.3	10.5	0.9997	1.8119	0.0005	2.8121	-0.0004	-0.0073	0	-0.0077
1157	10.5	10.6	0.9997	1.8119	0.0005	2.8121	0	-0.0039	0	-0.0039
1158	10.6	10.6	0.9997	1.8121	0.0005	2.8123	0	-0.0005	0	-0.0005
1159	10.7	10.6	0.9997	1.8124	0.0005	2.8126	0.0009	-0.0003	0	0.0006
1160	10.4	10.7	0.9997	1.8125	0.0005	2.8127	0.001	0.0029	0	0.0039
1161	11.1	10.7	0.9997	1.8117	0.0005	2.8119	0.001	0.0061	0.0009	0.008
1162	11.2	10.7	0.9997	1.8117	0.0005	2.8119	0.001	0.0162	0.001	0.0182
1163	10.6	10.7	0.9997	1.8121	0.0005	2.8123	0.001	0.0122	0.001	0.0142
1164	11.2	10.8	0.9997	1.812	0.0005	2.8122	0.001	0.0167	0.001	0.0187
1165	10.7	10.8	0.9997	1.8122	0.0006	2.8125	0.0006	0.0127	0.001	0.0143
1166	11.6	10.8	0.9997	1.8117	0.0006	2.812	0.0005	0.0102	0.0015	0.0121
1167	11.1	10.9	0.9997	1.8118	0.0006	2.8121	0.001	0.013	0.002	0.016
1168	11.1	10.9	0.9997	1.8119	0.0006	2.8122	0.0016	0.0148	0.0016	0.018
1169	10.6	11	0.9998	1.8118	0.0006	2.8122	0.002	0.014	0.001	0.017
1170	10.5	11	0.9998	1.8117	0.0006	2.8121	0.0033	0.0105	0.0016	0.0154
1171	11.1	10.9	0.9997	1.8118	0.0006	2.8122	0.0049	0.0115	0.002	0.0183
1172	10.6	10.9	0.9997	1.8119	0.0005	2.8121	0.0041	0.0068	0.002	0.0129
1173	10.1	10.9	0.9997	1.8119	0.0005	2.8121	0.003	0.007	0.002	0.012
1174	11.1	10.9	0.9997	1.8121	0.0005	2.8123	0.0012	0.0029	0.002	0.0061
1175	11	10.8	0.9997	1.8122	0.0005	2.8124	0.0008	-0.0074	0.002	-0.0046

1176	11.3	10.8	0.9997	1.8123	0.0005	2.8125	0	-0.0095	0.001	-0.0085
1177	11.5	10.7	0.9997	1.8125	0.0005	2.8127	0	-0.0008	0.0006	-0.0001
1178	11.3	10.7	0.9997	1.8125	0.0005	2.8127	0	-0.004	0	-0.004
1179	10.8	10.7	0.9997	1.8128	0.0005	2.813	0.0005	-0.0061	-0.0002	-0.0058
1180	10.4	10.7	0.9997	1.8125	0.0005	2.8127	0.001	-0.0098	-0.0007	-0.0095
1181	10.4	10.7	0.9997	1.8128	0.0005	2.813	0.001	-0.0134	0	-0.0124
1182	10.7	10.7	0.9997	1.8126	0.0005	2.8128	0.001	-0.0145	0	-0.0135
1183	10.7	10.7	0.9998	1.8117	0.0005	2.8119	-0.0004	-0.0175	0	-0.018
1184	10.1	10.7	0.9998	1.8111	0.0006	2.8114	0.0006	-0.0216	0	-0.021
1185	10.4	10.7	0.9997	1.8109	0.0006	2.8112	0.001	-0.0248	0.0007	-0.023
1186	10.5	10.6	0.9997	1.8109	0.0006	2.8112	0.001	-0.0234	0.0002	-0.0223
1187	10.4	10.6	0.9997	1.8108	0.0006	2.8111	0.0008	-0.0126	0	-0.0118
1188	10.7	10.6	0.9997	1.8108	0.0006	2.8111	0	-0.0127	0	-0.0127
1189	11	10.6	0.9997	1.8107	0.0006	2.811	0	-0.0043	0	-0.0043
1190	10.6	10.6	0.9997	1.8111	0.0006	2.8114	0	0.0036	0	0.0036
1191	10.4	10.6	0.9997	1.8113	0.0005	2.8116	0	-0.001	0	-0.001
1192	10.3	10.6	0.9997	1.8118	0.0006	2.8121	-0.0005	-0.0004	0	-0.0009
1193	10.5	10.6	0.9997	1.8116	0.0006	2.8119	-0.001	0.0005	0	-0.0005
1194	10.4	10.6	0.9997	1.8114	0.0006	2.8117	-0.001	0.0077	0	0.0067
1195	11.3	10.7	0.9997	1.8115	0.0006	2.8118	-0.0016	0.0155	0	0.014
1196	10.6	10.7	0.9997	1.8119	0.0006	2.8121	-0.0005	0.0174	-0.0009	0.016
1197	10.8	10.8	0.9996	1.8121	0.0005	2.8122	0	0.0258	-0.001	0.0248
1198	10.8	10.8	0.9997	1.8122	0.0005	2.8124	0	0.0344	-0.001	0.0334
1199	10.8	10.8	0.9996	1.8123	0.0005	2.8125	0	0.0406	0	0.0406
1200	10.6	10.8	0.9997	1.8127	0.0006	2.813	0	0.0496	0	0.0496
1201	10.7	10.8	0.9997	1.813	0.0006	2.8133	0	0.0483	0	0.0483
1202	10.6	10.9	0.9997	1.8133	0.0006	2.8136	0	0.039	0	0.039
1203	11.1	10.9	0.9997	1.8131	0.0006	2.8134	0	0.0336	0	0.0336
1204	11.5	10.9	0.9997	1.8129	0.0005	2.8132	0	0.023	0	0.023
1205	10.7	10.9	0.9997	1.8128	0.0005	2.813	0.0005	0.0154	0	0.0159
1206	11.6	10.9	0.9997	1.8128	0.0005	2.813	0.001	0.0118	0	0.0128
1207	11.1	10.9	0.9997	1.8129	0.0005	2.8131	0.001	0.0054	0	0.0064
1208	11.2	10.9	0.9996	1.813	0.0005	2.8131	0.0003	0.0073	0	0.0075
1209	10.9	10.9	0.9996	1.8133	0.0005	2.8134	0	0.0082	0	0.0082
1210	10.5	10.8	0.9996	1.8134	0.0005	2.8135	0	0.0125	0	0.0125
1211	11.2	10.8	0.9996	1.8127	0.0005	2.8128	0.001	0.0147	0	0.0157
1212	10.6	10.8	0.9996	1.8133	0.0005	2.8134	0.0009	0.0049	0	0.0058

1213	10.6	10.8	0.9996	1.8133	0.0005	2.8134	0	0.0041	0	0.0041
1214	11	10.7	0.9996	1.8134	0.0005	2.8135	0.0002	0.0101	0	0.0104
1215	11	10.7	0.9997	1.8135	0.0005	2.8136	0.001	0.0105	-0.0003	0.0112
1216	10.4	10.7	0.9996	1.8132	0.0004	2.8132	0.001	0.0164	0	0.0174
1217	10.6	10.7	0.9995	1.813	0.0004	2.8129	0.001	0.0123	0	0.0133
1218	10.4	10.6	0.9995	1.813	0.0004	2.8129	0.001	0.0113	0.0006	0.0128
1219	10.3	10.6	0.9994	1.813	0.0004	2.8128	0.0014	0.0143	0.001	0.0167
1220	10.5	10.6	0.9993	1.8124	0.0004	2.8122	0.0013	0.0145	0.001	0.0168
1221	10.6	10.5	0.9994	1.813	0.0004	2.8128	0.0018	0.0161	0.001	0.0189
1222	10.5	10.6	0.9995	1.8131	0.0004	2.8129	0.0004	0.0221	0.001	0.0236
1223	10.4	10.5	0.9996	1.8132	0.0004	2.8132	-0.001	0.0262	0.0002	0.0255
1224	10.5	10.5	0.9996	1.8138	0.0004	2.8139	-0.0009	0.0309	0	0.0299
1225	10.8	10.5	0.9997	1.8136	0.0004	2.8137	0.0001	0.034	0	0.0341
1226	10.8	10.5	0.9997	1.8133	0.0004	2.8135	0.001	0.0358	0	0.0368
1227	10.2	10.5	0.9997	1.8135	0.0005	2.8137	0.001	0.0337	0	0.0347
1228	10.2	10.5	0.9996	1.8137	0.0005	2.8138	0.001	0.0326	0	0.0336
1229	10.2	10.5	0.9996	1.814	0.0005	2.8141	0.0005	0.0322	0	0.0327
1230	10.8	10.5	0.9996	1.8142	0.0005	2.8143	0.0005	0.038	0	0.0385
1231	10.9	10.5	0.9996	1.8143	0.0005	2.8144	0.0005	0.0374	0	0.0378
1232	10.4	10.5	0.9997	1.8143	0.0005	2.8145	0	0.0409	0	0.0409
1233	10.1	10.5	0.9996	1.8144	0.0005	2.8145	0.0011	0.042	0	0.0431
1234	10.7	10.5	0.9996	1.8145	0.0005	2.8146	0.0015	0.0343	0	0.0359
1235	10.6	10.4	0.9996	1.8146	0.0005	2.8147	0.0016	0.0298	0.0006	0.0319
1236	10.3	10.5	0.9996	1.8143	0.0005	2.8145	0.0014	0.0291	0.001	0.0314
1237	10.2	10.5	0.9997	1.8141	0.0005	2.8143	0.001	0.0374	0.001	0.0394
1238	10.3	10.5	0.9997	1.8135	0.0005	2.8137	0.001	0.0371	0.001	0.0391
1239	10.1	10.5	0.9997	1.8125	0.0005	2.8127	0.001	0.0466	0.001	0.0486
1240	10.5	10.5	0.9997	1.8122	0.0005	2.8124	0.001	0.046	0.001	0.048
1241	10.7	10.4	0.9998	1.8121	0.0005	2.8124	0.001	0.0554	0.001	0.0574
1242	10.5	10.4	0.9998	1.8112	0.0005	2.8115	0.0006	0.0542	0.0002	0.055
1243	10.3	10.4	0.9998	1.8106	0.0005	2.8109	0.0005	0.0579	0.0009	0.0592
1244	10.7	10.4	0.9998	1.8103	0.0005	2.8106	0.001	0.0549	0.001	0.0569
1245	11.3	10.4	0.9997	1.8105	0.0006	2.8108	0.001	0.0511	0.001	0.0531
1246	10.8	10.3	0.9997	1.81	0.0006	2.8103	0.001	0.054	0.0003	0.0553
1247	9.91	10.3	0.9997	1.8096	0.0006	2.8099	0	0.059	-0.0002	0.0588
1248	10.2	10.3	0.9997	1.8094	0.0005	2.8096	-0.0007	0.0553	-0.001	0.0536
1249	10	10.3	0.9997	1.8094	0.0005	2.8096	-0.0004	0.054	-0.001	0.0526

1250	10.4	10.3	0.9997	1.8097	0.0005	2.8099	-0.0006	0.0514	-0.0006	0.0501
1251	10.1	10.3	0.9997	1.8102	0.0005	2.8104	0	0.0589	0	0.0589
1252	9.98	10.3	0.9997	1.8104	0.0005	2.8106	0	0.0619	0	0.0619
1253	10.1	10.3	0.9997	1.8104	0.0005	2.8106	0	0.0697	0	0.0697
1254	10.3	10.3	0.9996	1.8111	0.0005	2.8112	0.0003	0.0695	0	0.0699
1255	10.1	10.3	0.9996	1.811	0.0005	2.8111	0.001	0.0613	-0.0007	0.0616
1256	10.1	10.3	0.9996	1.8114	0.0005	2.8115	0.001	0.0548	-0.001	0.0548
1257	10.1	10.3	0.9997	1.8112	0.0005	2.8114	0.001	0.0548	-0.001	0.0548
1258	10.1	10.3	0.9997	1.8113	0.0005	2.8115	0.001	0.0536	-0.001	0.0536
1259	10	10.4	0.9997	1.8112	0.0005	2.8114	0.0001	0.0548	-0.001	0.0539
1260	10	10.4	0.9996	1.8111	0.0005	2.8112	0	0.0579	-0.001	0.0569
1261	11	10.4	0.9996	1.8113	0.0005	2.8114	0	0.0633	-0.0001	0.0632
1262	11	10.4	0.9997	1.8113	0.0005	2.8115	0	0.0568	0	0.0568
1263	10.9	10.4	0.9997	1.8111	0.0005	2.8113	0	0.0585	0	0.0585
1264	10.6	10.4	0.9996	1.8109	0.0005	2.8111	0	0.0631	0	0.0631
1265	10.4	10.4	0.9996	1.8105	0.0006	2.8107	0.0004	0.0709	0	0.0713
1266	10.4	10.5	0.9996	1.8105	0.0006	2.8107	0.0005	0.0773	-0.0005	0.0774
1267	10.6	10.5	0.9996	1.8107	0.0005	2.8108	0	0.0806	-0.001	0.0796
1268	10.5	10.5	0.9996	1.8105	0.0005	2.8106	-0.0006	0.079	-0.0015	0.0768
1269	10.3	10.6	0.9997	1.8104	0.0005	2.8105	-0.001	0.081	-0.002	0.078
1270	10.2	10.6	0.9996	1.8101	0.0005	2.8102	-0.0011	0.0802	-0.002	0.0771
1271	10.4	10.6	0.9997	1.8096	0.0005	2.8098	-0.0026	0.077	-0.002	0.0724
1272	10.5	10.6	0.9998	1.8093	0.0005	2.8096	-0.0021	0.0671	-0.002	0.063
1273	10.6	10.6	0.9998	1.8088	0.0005	2.8091	-0.001	0.0717	-0.002	0.0687
1274	10.8	10.6	0.9997	1.8087	0.0005	2.8089	0	0.0626	-0.002	0.0606
1275	10.2	10.6	0.9996	1.8087	0.0005	2.8088	0.0002	0.0668	-0.002	0.065
1276	10.7	10.7	0.9996	1.8089	0.0005	2.809	0.001	0.0592	-0.002	0.0582
1277	10.7	10.7	0.9996	1.8092	0.0005	2.8093	0.001	0.0606	-0.0016	0.06
1278	10.7	10.7	0.9996	1.8093	0.0005	2.8094	0.001	0.0601	-0.001	0.0601
1279	10.9	10.7	0.9996	1.809	0.0005	2.8091	0.0005	0.0664	-0.001	0.0658
1280	11	10.7	0.9997	1.8088	0.0005	2.809	-0.0005	0.0728	-0.001	0.0712
1281	10.8	10.7	0.9997	1.8087	0.0005	2.8089	-0.001	0.0748	-0.001	0.0728
1282	10.6	10.7	0.9996	1.8084	0.0005	2.8085	-0.001	0.0778	-0.001	0.0758
1283	10.9	10.6	0.9996	1.8083	0.0005	2.8084	-0.0001	0.0738	-0.001	0.0726
1284	10.7	10.6	0.9996	1.8081	0.0005	2.8082	-0.0009	0.0704	-0.001	0.0684
1285	11.5	10.7	0.9996	1.808	0.0005	2.8081	-0.001	0.0654	-0.001	0.0634
1286	10.5	10.6	0.9996	1.8072	0.0005	2.8073	-0.001	0.0674	-0.001	0.0654

1287	10.5	10.6	0.9996	1.8071	0.0005	2.8072	-0.0008	0.0667	-0.001	0.0648
1288	10.3	10.6	0.9996	1.8062	0.0005	2.8063	-0.001	0.0697	-0.001	0.0678
1289	10.3	10.6	0.9996	1.8061	0.0005	2.8062	0	0.0631	-0.001	0.0621
1290	10.3	10.5	0.9996	1.8056	0.0005	2.8057	0	0.0506	-0.001	0.0496
1291	10.5	10.5	0.9996	1.8059	0.0005	2.806	0	0.043	-0.001	0.042
1292	10.4	10.4	0.9997	1.806	0.0005	2.8062	0.0005	0.0434	-0.001	0.0429
1293	10.5	10.4	0.9996	1.8061	0.0005	2.8062	0.001	0.0358	-0.001	0.0358
1294	10.8	10.3	0.9996	1.8063	0.0005	2.8064	0.001	0.0289	-0.001	0.0289
1295	10.5	10.2	0.9996	1.8061	0.0006	2.8063	0.001	0.0239	-0.001	0.0239
1296	10.6	10.2	0.9997	1.806	0.0006	2.8063	0.0001	0.0257	-0.0001	0.0257
1297	10.3	10.2	0.9997	1.8066	0.0006	2.8069	0.0004	0.0207	0	0.0211
1298	10.1	10.2	0.9997	1.8068	0.0006	2.8071	0.001	0.0124	0	0.0134
1299	9.85	10.2	0.9997	1.8071	0.0006	2.8074	0.001	0.0074	-0.001	0.0074
1300	9.83	10.3	0.9997	1.8068	0.0006	2.8071	0.001	0.0028	-0.001	0.0028
1301	9.54	10.3	0.9997	1.8068	0.0006	2.8071	0.001	0.0012	-0.001	0.0012
1302	9.71	10.3	0.9997	1.8063	0.0006	2.8066	0.001	0.0059	-0.001	0.0059
1303	9.91	10.3	0.9997	1.8062	0.0006	2.8064	0.001	0.0066	-0.001	0.0066
1304	10.1	10.3	0.9996	1.8068	0.0006	2.807	0.001	0.0097	-0.001	0.0097
1305	10.4	10.3	0.9996	1.8073	0.0006	2.8075	0.0005	0.0102	-0.001	0.0097
1306	10.4	10.3	0.9996	1.8074	0.0006	2.8076	0	0.0197	-0.001	0.0187
1307	10.3	10.4	0.9996	1.8075	0.0006	2.8077	0	0.0229	-0.001	0.0219
1308	10.6	10.4	0.9996	1.8076	0.0006	2.8078	0.0007	0.0245	-0.001	0.0242
1309	10.4	10.4	0.9996	1.8076	0.0006	2.8078	0.0007	0.0263	-0.001	0.0259
1310	11.1	10.5	0.9996	1.8071	0.0005	2.8072	0	0.0293	-0.001	0.0283
1311	10.4	10.5	0.9996	1.8071	0.0005	2.8072	-0.0005	0.0285	-0.001	0.027
1312	10.8	10.6	0.9996	1.8074	0.0005	2.8075	-0.0005	0.0326	-0.001	0.0312
1313	11.1	10.6	0.9996	1.807	0.0005	2.8071	0	0.0311	-0.001	0.0301
1314	10.9	10.6	0.9996	1.8063	0.0005	2.8064	-0.0002	0.0313	-0.001	0.03
1315	10.6	10.6	0.9996	1.8058	0.0005	2.8059	-0.001	0.0333	-0.0007	0.0317
1316	10.6	10.7	0.9996	1.8051	0.0005	2.8052	-0.001	0.0291	0	0.0281
1317	10.5	10.7	0.9996	1.8051	0.0006	2.8052	-0.001	0.0293	0	0.0283
1318	10.8	10.6	0.9996	1.8048	0.0006	2.805	-0.001	0.0319	-0.0006	0.0303
1319	11.1	10.6	0.9995	1.8049	0.0006	2.8051	-0.001	0.033	-0.001	0.031
1320	10.6	10.6	0.9996	1.8047	0.0006	2.8049	-0.0002	0.0409	-0.001	0.0397
1321	10.3	10.6	0.9996	1.8063	0.0006	2.8065	0.0002	0.0375	-0.001	0.0367
1322	10.7	10.6	0.9996	1.8059	0.0006	2.8061	0.0009	0.032	-0.001	0.0319
1323	10.7	10.5	0.9996	1.807	0.0006	2.8072	0.002	0.03	-0.001	0.031

1324	10.5	10.4	0.9996	1.8072	0.0006	2.8074	0.0019	0.0217	-0.001	0.0227
1325	10.7	10.4	0.9996	1.8077	0.0006	2.8079	0.0009	0.0192	-0.001	0.0191
1326	10.4	10.4	0.9996	1.8073	0.0006	2.8075	0	0.0188	-0.001	0.0178
1327	9.83	10.5	0.9996	1.8074	0.0006	2.8076	0	0.0228	-0.0005	0.0223
1328	10.2	10.4	0.9996	1.807	0.0006	2.8072	0	0.0288	0	0.0288
1329	10.4	10.4	0.9997	1.8067	0.0006	2.807	0.0005	0.03	0	0.0305
1330	10.4	10.4	0.9997	1.8067	0.0006	2.807	0.0005	0.0308	0	0.0313
1331	10.5	10.4	0.9997	1.8065	0.0006	2.8068	0.0005	0.0322	0	0.0327
1332	10.1	10.4	0.9997	1.807	0.0006	2.8073	0.0019	0.0274	0	0.0292
1333	9.77	10.4	0.9997	1.8073	0.0006	2.8076	0.0013	0.0259	0	0.0272
1334	10.5	10.4	0.9997	1.8079	0.0006	2.8082	0.001	0.0359	0	0.0369
1335	10.6	10.4	0.9997	1.8079	0.0006	2.8082	0.0009	0.0305	-0.0001	0.0313
1336	10.7	10.4	0.9997	1.8077	0.0006	2.808	0	0.025	-0.0008	0.0242
1337	10.4	10.5	0.9998	1.8072	0.0006	2.8076	0	0.0193	-0.0003	0.0191
1338	9.99	10.5	0.9997	1.8072	0.0006	2.8075	0	0.0154	-0.001	0.0144
1339	10.9	10.5	0.9997	1.8074	0.0006	2.8077	0	0.0041	-0.001	0.0031
1340	10.7	10.5	0.9997	1.8079	0.0006	2.8082	0	0	-0.001	-0.001
1341	10.7	10.5	0.9997	1.8078	0.0006	2.8081	0	-0.0076	-0.0004	-0.008
1342	10.4	10.6	0.9997	1.8077	0.0006	2.808	0.0004	-0.0034	-0.0007	-0.0036
1343	10.6	10.6	0.9997	1.8077	0.0006	2.808	0.0005	-0.0034	-0.001	-0.0039
1344	10.9	10.6	0.9997	1.8079	0.0006	2.8082	0	-0.003	-0.001	-0.004
1345	10.6	10.6	0.9997	1.8079	0.0006	2.8082	0	-0.0019	-0.001	-0.0029
1346	10.4	10.6	0.9997	1.8079	0.0006	2.8082	0	-0.0014	-0.0003	-0.0017
1347	10.8	10.6	0.9996	1.8083	0.0006	2.8085	0.0008	-0.0029	0	-0.0021
1348	10.8	10.7	0.9996	1.8087	0.0006	2.8089	0.001	0.0027	0	0.0037
1349	10.8	10.7	0.9996	1.8091	0.0006	2.8093	0.001	0.0082	0	0.0092
1350	10.7	10.7	0.9996	1.8096	0.0006	2.8098	0.001	0.008	0	0.009
1351	10.9	10.7	0.9996	1.8096	0.0006	2.8098	0.001	0.0037	0	0.0047
1352	10.6	10.7	0.9996	1.8097	0.0006	2.8099	0.001	0.0034	0	0.0044
1353	10.3	10.7	0.9996	1.8095	0.0006	2.8097	0.001	-0.0025	0	-0.0015
1354	10.9	10.7	0.9996	1.81	0.0006	2.8102	0.0007	-0.0017	0	-0.001
1355	10.4	10.7	0.9996	1.8091	0.0006	2.8093	0	0.0051	0	0.0051
1356	10.9	10.7	0.9996	1.8091	0.0006	2.8093	-0.0008	0.0082	0	0.0075
1357	10.5	10.7	0.9996	1.8087	0.0006	2.8089	-0.0002	0.0096	0	0.0094
1358	11	10.7	0.9996	1.8087	0.0006	2.8089	0	0.0149	0	0.0149
1359	11.1	10.7	0.9997	1.8082	0.0006	2.8085	0	0.0179	0	0.0179
1360	10.4	10.7	0.9996	1.8082	0.0006	2.8084	0	0.026	0	0.026

1361	10.8	10.7	0.9997	1.808	0.0006	2.8083	0	0.0183	-0.0009	0.0173
1362	11	10.6	0.9997	1.8082	0.0006	2.8085	0	0.0161	-0.001	0.0151
1363	10.5	10.6	0.9997	1.808	0.0006	2.8083	0	0.0207	-0.0008	0.0199
1364	10.9	10.6	0.9997	1.8076	0.0006	2.8079	0.0002	0.0173	0	0.0175
1365	10.6	10.6	0.9997	1.8076	0.0006	2.8079	0.001	0.0124	-0.0002	0.0132
1366	10.6	10.5	0.9997	1.8076	0.0006	2.8079	0.001	0.0082	-0.001	0.0082
1367	10.7	10.6	0.9997	1.8075	0.0006	2.8078	0.0006	-0.0028	-0.001	-0.0032
1368	10.6	10.5	0.9997	1.8072	0.0006	2.8075	0.0005	-0.01	-0.0005	-0.01
1369	10.5	10.5	0.9997	1.8063	0.0006	2.8066	0.001	-0.0153	0	-0.0143
1370	10.2	10.5	0.9996	1.8064	0.0006	2.8066	0.0003	-0.0185	0	-0.0182
1371	10.3	10.5	0.9996	1.8064	0.0006	2.8066	0.0008	-0.0148	0	-0.014
1372	10.1	10.4	0.9996	1.8063	0.0006	2.8065	0.001	0.0042	0	0.0052
1373	10	10.4	0.9996	1.8067	0.0006	2.8069	0.0001	0.0038	0	0.0039
1374	9.99	10.4	0.9996	1.8068	0.0006	2.807	0	0.0199	0	0.0199
1375	10.4	10.4	0.9996	1.8068	0.0006	2.807	0	0.0171	0	0.0171
1376	10.8	10.4	0.9996	1.8066	0.0006	2.8068	0	0.0244	0	0.0244
1377	10.4	10.4	0.9996	1.8063	0.0005	2.8064	0	0.0263	0	0.0263
1378	10.7	10.5	0.9996	1.8062	0.0005	2.8063	0	0.026	0	0.026
1379	10.4	10.5	0.9996	1.8059	0.0005	2.806	0	0.0251	0.0003	0.0254
1380	10.1	10.5	0.9996	1.8056	0.0005	2.8057	0.0005	0.0212	0.001	0.0227
1381	10	10.6	0.9995	1.806	0.0005	2.806	0.001	0.0196	0.001	0.0216
1382	10.5	10.6	0.9995	1.8058	0.0005	2.8058	0.001	0.012	0.0004	0.0134
1383	10.4	10.6	0.9995	1.8047	0.0005	2.8047	0.001	0.0138	0	0.0148
1384	11	10.6	0.9995	1.805	0.0005	2.805	0.001	0.0206	0	0.0216
1385	10.9	10.7	0.9996	1.8055	0.0006	2.8056	0.001	0.0277	0	0.0287
1386	10.9	10.6	0.9996	1.8052	0.0005	2.8054	0.001	0.0292	0	0.0302
1387	11.4	10.7	0.9996	1.8055	0.0006	2.8057	0.001	0.0271	0	0.0281
1388	11.2	10.7	0.9996	1.8058	0.0006	2.806	0.002	0.0185	0.0001	0.0206
1389	10.9	10.7	0.9996	1.8061	0.0006	2.8063	0.001	0.0123	0.001	0.0143
1390	10.9	10.7	0.9996	1.8064	0.0005	2.8065	0.001	0.01	0.001	0.012
1391	10.8	10.7	0.9996	1.8062	0.0006	2.8064	0.001	0.0094	0.001	0.0114
1392	10.4	10.7	0.9996	1.8063	0.0006	2.8065	0.001	0.0055	0.001	0.0075
1393	10	10.7	0.9996	1.8064	0.0006	2.8066	0.001	0.0059	0.001	0.0079
1394	11	10.7	0.9996	1.8064	0.0006	2.8066	0.001	0.0186	0.001	0.0206
1395	10.4	10.7	0.9996	1.8063	0.0006	2.8065	0.001	0.0343	0.001	0.0363
1396	10.7	10.7	0.9996	1.8063	0.0006	2.8065	0.001	0.0403	0.001	0.0423
1397	10.6	10.7	0.9996	1.8063	0.0006	2.8065	0.0006	0.0433	0.001	0.0449

1398	10.3	10.7	0.9996	1.806	0.0006	2.8062	-0.0007	0.0509	0.001	0.0511
1399	10.8	10.7	0.9996	1.8063	0.0006	2.8065	-0.001	0.0531	0.001	0.0531
1400	10.6	10.6	0.9996	1.8064	0.0006	2.8066	-0.001	0.0546	0.0001	0.0537
1401	10.6	10.6	0.9996	1.8064	0.0006	2.8066	0	0.0564	0	0.0564
1402	10.6	10.6	0.9996	1.8065	0.0006	2.8067	-0.0001	0.0539	0	0.0538
1403	10.8	10.6	0.9996	1.8064	0.0006	2.8066	-0.0008	0.0592	0	0.0583
1404	10.8	10.6	0.9996	1.8063	0.0006	2.8065	-0.0003	0.0548	0	0.0545
1405	11.2	10.6	0.9997	1.8065	0.0006	2.8068	-0.001	0.0611	0	0.0601
1406	10.5	10.6	0.9996	1.8064	0.0006	2.8066	-0.0006	0.0492	0	0.0487
1407	11.1	10.7	0.9996	1.806	0.0006	2.8062	-0.0005	0.0481	0	0.0476
1408	10.6	10.7	0.9996	1.8058	0.0006	2.806	-0.0005	0.0469	0	0.0464
1409	10.1	10.7	0.9996	1.805	0.0006	2.8052	0.0003	0.0499	0	0.0503
1410	10.1	10.7	0.9996	1.8053	0.0006	2.8055	0.001	0.0417	0	0.0427
1411	10.8	10.7	0.9996	1.8054	0.0006	2.8056	0.0005	0.0407	0	0.0411
1412	10.8	10.7	0.9996	1.8054	0.0006	2.8055	0.0005	0.0411	0	0.0416
1413	10.7	10.7	0.9996	1.8053	0.0005	2.8054	0.0019	0.0481	0	0.05
1414	10.1	10.7	0.9995	1.805	0.0005	2.8051	0.002	0.0465	0	0.0485
1415	11.1	10.7	0.9995	1.805	0.0006	2.8051	0.002	0.0434	0.001	0.0464
1416	11.1	10.7	0.9995	1.8054	0.0006	2.8055	0.001	0.0448	0.001	0.0468
1417	10.6	10.6	0.9996	1.8061	0.0006	2.8062	0.001	0.0466	0.001	0.0486
1418	10.7	10.6	0.9995	1.8064	0.0006	2.8065	0.001	0.0487	0.0008	0.0505
1419	11	10.7	0.9995	1.8068	0.0006	2.8069	0.001	0.0438	0	0.0448
1420	10.7	10.7	0.9995	1.8062	0.0006	2.8063	0.0009	0.0333	0	0.0343
1421	10.6	10.7	0.9995	1.8059	0.0006	2.806	0	0.0331	0	0.0331
1422	10.7	10.7	0.9996	1.8055	0.0006	2.8057	0.0005	0.032	0	0.0325
1423	10.7	10.7	0.9996	1.805	0.0006	2.8052	0.001	0.0309	0	0.0319
1424	10.4	10.8	0.9996	1.8054	0.0006	2.8056	0.0003	0.0341	0	0.0344
1425	10.9	10.8	0.9996	1.8053	0.0006	2.8055	0	0.0288	0	0.0288
1426	10.3	10.8	0.9996	1.8046	0.0006	2.8048	0	0.0218	0	0.0218
1427	10.7	10.8	0.9996	1.8048	0.0006	2.805	-0.0008	0.0176	-0.0005	0.0163
1428	11	10.7	0.9996	1.8045	0.0006	2.8047	-0.0001	0.0182	-0.001	0.0171
1429	11.1	10.7	0.9996	1.8046	0.0005	2.8047	0	0.0238	-0.001	0.0228
1430	11	10.7	0.9996	1.8048	0.0005	2.8049	0	0.0241	-0.0011	0.023
1431	10.6	10.8	0.9996	1.8053	0.0006	2.8054	-0.0001	0.0104	-0.002	0.0083
1432	10.7	10.8	0.9996	1.8056	0.0006	2.8058	-0.0016	0.0067	-0.002	0.0031
1433	10.8	10.8	0.9996	1.8052	0.0006	2.8054	-0.001	-0.0021	-0.002	-0.0051
1434	10.7	10.8	0.9996	1.8052	0.0006	2.8054	-0.001	-0.0163	-0.0016	-0.0189

1435	11.3	10.8	0.9996	1.805	0.0006	2.8052	-0.0009	-0.0128	-0.0009	-0.0146
1436	10.6	10.9	0.9996	1.805	0.0006	2.8052	0.0005	-0.0106	0.0003	-0.0098
1437	10.3	10.9	0.9996	1.8053	0.0006	2.8055	0.001	-0.0128	0.0009	-0.011
1438	11.1	10.9	0.9996	1.8059	0.0005	2.806	0.0003	-0.0068	0.0013	-0.0051
1439	10.7	10.8	0.9996	1.8064	0.0005	2.8065	0	0.0051	0.001	0.0061
1440	10.8	10.8	0.9996	1.807	0.0005	2.8071	0	0.0198	0.0002	0.02
1441	11	10.8	0.9996	1.8073	0.0005	2.8074	0	0.0236	-0.0006	0.023
1442	11.1	10.8	0.9996	1.8071	0.0005	2.8072	0	0.0184	-0.0003	0.0181
1443	11.1	10.8	0.9996	1.8059	0.0005	2.806	-0.001	0.0276	0	0.0267
1444	10.7	10.9	0.9996	1.8045	0.0005	2.8046	-0.001	0.0285	0	0.0275
1445	10.9	10.9	0.9996	1.8039	0.0005	2.804	-0.001	0.0362	0	0.0352
1446	10.9	10.9	0.9996	1.8036	0.0005	2.8037	-0.001	0.0413	0	0.0403
1447	11	10.9	0.9997	1.8033	0.0005	2.8034	-0.001	0.0349	0	0.0339
1448	10.7	10.8	0.9997	1.8034	0.0005	2.8036	-0.001	0.0315	0	0.0305
1449	10.7	10.8	0.9997	1.8036	0.0006	2.8039	-0.001	0.0343	0	0.0333
1450	10.4	10.7	0.9996	1.804	0.0006	2.8042	-0.001	0.0411	0	0.0401
1451	10.9	10.7	0.9996	1.8042	0.0006	2.8044	-0.001	0.0399	0	0.0389
1452	10.9	10.7	0.9997	1.8038	0.0006	2.8041	-0.001	0.041	0	0.04
1453	11	10.6	0.9996	1.804	0.0006	2.8042	-0.001	0.0402	0	0.0392
1454	11.4	10.6	0.9997	1.8039	0.0006	2.8042	-0.001	0.034	0	0.033
1455	10.7	10.6	0.9997	1.8041	0.0006	2.8044	-0.001	0.0372	0	0.0362
1456	10.2	10.6	0.9997	1.8043	0.0006	2.8045	-0.0002	0.0358	0	0.0356
1457	10.2	10.6	0.9996	1.804	0.0006	2.8043	-0.0008	0.0305	0	0.0297
1458	9.94	10.7	0.9996	1.8037	0.0006	2.8039	-0.001	0.0216	-0.001	0.0196
1459	10.1	10.7	0.9996	1.8041	0.0006	2.8043	-0.001	0.0247	0	0.0237
1460	10.3	10.7	0.9996	1.8041	0.0006	2.8043	-0.0008	0.0202	0	0.0193
1461	10.3	10.7	0.9996	1.8039	0.0006	2.8041	0	0.0127	0	0.0127
1462	10.7	10.7	0.9995	1.8034	0.0006	2.8035	0	0.0102	0	0.0102
1463	10.3	10.7	0.9995	1.8034	0.0006	2.8035	0	0.0092	-0.0002	0.009
1464	11.1	10.7	0.9995	1.8032	0.0005	2.8033	-0.0002	0.0092	-0.001	0.008
1465	10.9	10.7	0.9996	1.8031	0.0005	2.8032	-0.001	0.0142	-0.0008	0.0125
1466	11.4	10.7	0.9996	1.8029	0.0005	2.803	-0.001	0.0155	0	0.0145
1467	11	10.7	0.9996	1.8026	0.0005	2.8027	-0.0006	0.0185	0	0.0179
1468	10.9	10.7	0.9996	1.8028	0.0006	2.803	-0.0005	0.0266	0	0.0261
1469	11.3	10.8	0.9996	1.8029	0.0006	2.8031	-0.001	0.0372	0	0.0362
1470	11.4	10.8	0.9996	1.8031	0.0006	2.8033	-0.001	0.0483	0	0.0473
1471	10.8	10.8	0.9995	1.8032	0.0006	2.8034	-0.001	0.04	0	0.039

1472	10.6	10.8	0.9995	1.8032	0.0006	2.8033	-0.001	0.0472	0	0.0462
1473	10.8	10.8	0.9996	1.8033	0.0006	2.8034	-0.0001	0.0495	0	0.0493
1474	11.2	10.8	0.9996	1.8039	0.0006	2.8041	0.0001	0.0428	0	0.0429
1475	10.4	10.8	0.9996	1.8046	0.0006	2.8048	0.0008	0.0448	0	0.0456
1476	10.5	10.8	0.9997	1.8048	0.0006	2.8051	0	0.0412	0	0.0412
1477	10.4	10.7	0.9996	1.8045	0.0006	2.8047	0	0.0315	0	0.0315
1478	10.6	10.7	0.9996	1.8039	0.0006	2.8041	0	0.0299	0	0.0299
1479	10.5	10.7	0.9996	1.8035	0.0006	2.8037	0	0.0271	-0.0003	0.0267
1480	10.6	10.7	0.9996	1.8045	0.0007	2.8049	0	0.0313	-0.001	0.0303
1481	10.6	10.7	0.9997	1.8053	0.0007	2.8057	0	0.0313	-0.001	0.0303
1482	10.5	10.7	0.9996	1.806	0.0007	2.8063	0	0.0359	-0.0004	0.0355
1483	10.8	10.7	0.9996	1.8063	0.0007	2.8066	-0.0007	0.0393	-0.0007	0.038
1484	10.7	10.8	0.9996	1.8063	0.0006	2.8065	-0.0003	0.0345	-0.001	0.0332
1485	10.9	10.8	0.9995	1.8065	0.0005	2.8066	0	0.0396	-0.001	0.0386
1486	10.7	10.8	0.9995	1.8065	0.0004	2.8064	0	0.0394	-0.001	0.0384
1487	10.7	10.8	0.9996	1.8062	0.0005	2.8063	0	0.039	-0.001	0.038
1488	10.9	10.9	0.9996	1.8052	0.0005	2.8053	0	0.0358	-0.0002	0.0355
1489	11.1	10.9	0.9996	1.8041	0.0006	2.8043	0	0.0408	-0.001	0.0398
1490	10.5	10.9	0.9996	1.804	0.0006	2.8042	0	0.0486	-0.001	0.0476
1491	11	10.9	0.9996	1.8044	0.0006	2.8046	0	0.0589	-0.001	0.0579
1492	11.4	10.9	0.9997	1.8036	0.0006	2.8039	0	0.066	-0.001	0.065
1493	11.6	10.9	0.9997	1.8035	0.0006	2.8038	0	0.0585	-0.001	0.0575
1494	11.1	10.9	0.9997	1.8028	0.0006	2.8031	0	0.049	-0.001	0.048
1495	11	10.9	0.9997	1.8021	0.0006	2.8024	0	0.0379	-0.001	0.0369
1496	11.1	10.8	0.9997	1.8028	0.0006	2.8031	0	0.029	-0.001	0.028
1497	11.2	10.8	0.9997	1.8031	0.0006	2.8034	0	0.0239	-0.001	0.0229
1498	10.8	10.7	0.9997	1.8026	0.0006	2.8029	0.0007	0.023	-0.001	0.0228
1499	10.4	10.7	0.9997	1.8022	0.0006	2.8025	0.001	0.0265	-0.001	0.0265
1500	10.8	10.7	0.9997	1.8024	0.0006	2.8027	0.0003	0.032	-0.0001	0.0322
1501	10.7	10.6	0.9997	1.8023	0.0006	2.8026	-0.001	0.0424	0	0.0414
1502	10.6	10.6	0.9997	1.8025	0.0006	2.8028	0	0.043	0	0.043
1503	10.4	10.5	0.9997	1.8029	0.0006	2.8032	0.0008	0.0395	0	0.0403
1504	10.4	10.5	0.9997	1.8026	0.0006	2.8029	0.0003	0.0373	0	0.0376
1505	10.1	10.4	0.9997	1.8029	0.0006	2.8032	0.0009	0.0339	0	0.0348
1506	9.59	10.4	0.9997	1.8033	0.0006	2.8036	-0.0004	0.0377	0	0.0373
1507	10.6	10.4	0.9997	1.8038	0.0007	2.8042	-0.0005	0.0377	0	0.0372
1508	10.3	10.4	0.9997	1.8033	0.0006	2.8036	-0.0005	0.0359	0	0.0354

1509	10.2	10.5	0.9997	1.8029	0.0006	2.8032	-0.001	0.0352	0	0.0342
1510	10	10.4	0.9996	1.804	0.0006	2.8042	-0.0005	0.0382	0	0.0377
1511	10.3	10.4	0.9996	1.8044	0.0006	2.8046	0	0.0386	0	0.0386
1512	10.1	10.4	0.9996	1.8044	0.0006	2.8046	-0.0007	0.038	-0.0007	0.0367
1513	10.4	10.4	0.9996	1.8044	0.0006	2.8046	-0.0019	0.0298	-0.001	0.0269
1514	10.6	10.5	0.9996	1.8036	0.0006	2.8038	-0.0012	0.0304	-0.001	0.0282
1515	10.9	10.5	0.9996	1.8034	0.0006	2.8036	-0.0018	0.0335	-0.002	0.0296
1516	10.9	10.6	0.9996	1.8036	0.0006	2.8038	-0.001	0.0396	-0.002	0.0366
1517	10.8	10.6	0.9996	1.8034	0.0006	2.8036	0	0.0316	-0.001	0.0306
1518	10.9	10.7	0.9996	1.8027	0.0006	2.8029	0	0.0297	-0.0008	0.0289
1519	10.7	10.7	0.9996	1.8019	0.0006	2.8021	0	0.0355	0	0.0355
1520	10.4	10.7	0.9996	1.8022	0.0006	2.8024	0	0.0415	0	0.0415
1521	10.4	10.7	0.9996	1.8012	0.0006	2.8014	0	0.0409	0	0.0409
1522	10.8	10.8	0.9996	1.8006	0.0006	2.8008	-0.0005	0.0454	0	0.0449
1523	11.1	10.8	0.9996	1.8007	0.0006	2.8009	-0.001	0.0476	0	0.0466
1524	10.7	10.8	0.9995	1.801	0.0006	2.8011	-0.0003	0.0416	0	0.0413
1525	11	10.8	0.9996	1.8011	0.0006	2.8013	0	0.049	0	0.049
1526	11.3	10.7	0.9996	1.8015	0.0006	2.8017	0	0.0606	0	0.0606
1527	10.9	10.7	0.9996	1.8018	0.0006	2.802	0.0008	0.0606	0	0.0614
1528	10.7	10.7	0.9996	1.8018	0.0006	2.802	0.0001	0.0529	0	0.053
1529	10.8	10.7	0.9996	1.8015	0.0006	2.8017	0	0.05	0	0.05
1530	10.7	10.7	0.9996	1.8016	0.0006	2.8018	0	0.0445	-0.0009	0.0436
1531	10.9	10.7	0.9996	1.8017	0.0006	2.8019	0.0001	0.0539	0.0001	0.0541
1532	10.7	10.7	0.9997	1.8017	0.0007	2.802	0.0008	0.051	0.001	0.0528
1533	10.3	10.7	0.9996	1.8018	0.0007	2.8021	0	0.0502	0.001	0.0512
1534	10.3	10.6	0.9996	1.8012	0.0007	2.8015	0	0.0517	0.0006	0.0523
1535	10.3	10.6	0.9996	1.801	0.0007	2.8013	0	0.0514	0	0.0514
1536	10.4	10.6	0.9996	1.8011	0.0007	2.8014	-0.0005	0.0586	-0.0005	0.0576
1537	10.5	10.5	0.9996	1.8017	0.0006	2.8019	-0.001	0.0573	-0.0016	0.0547
1538	10.8	10.5	0.9996	1.8019	0.0006	2.8021	-0.0003	0.052	-0.0013	0.0503
1539	10.5	10.5	0.9996	1.8016	0.0006	2.8018	0	0.0441	-0.001	0.0431
1540	10.7	10.5	0.9996	1.8011	0.0006	2.8013	0	0.0376	-0.0002	0.0374
1541	10.7	10.5	0.9996	1.8006	0.0006	2.8008	0	0.035	0	0.035
1542	10.6	10.5	0.9996	1.8012	0.0006	2.8014	0	0.0469	0	0.0469
1543	10.3	10.5	0.9996	1.801	0.0006	2.8012	0.001	0.0403	0	0.0413
1544	10.6	10.6	0.9996	1.8007	0.0006	2.8009	0.001	0.0382	0	0.0392
1545	10.3	10.5	0.9996	1.801	0.0006	2.8012	0.001	0.0367	0	0.0377

1546	10	10.5	0.9996	1.8012	0.0006	2.8014	0.001	0.0309	0	0.0319
1547	10.5	10.5	0.9996	1.801	0.0006	2.8012	0.001	0.0383	0	0.0393
1548	10.8	10.5	0.9996	1.8008	0.0006	2.801	0.0013	0.0355	0	0.0368
1549	10.6	10.5	0.9997	1.8004	0.0006	2.8007	0.002	0.03	0	0.032
1550	10.5	10.5	0.9997	1.7997	0.0006	2.8	0.002	0.0257	0	0.0277
1551	11	10.5	0.9996	1.7999	0.0006	2.8001	0.002	0.0253	0	0.0273
1552	10.4	10.5	0.9996	1.7999	0.0006	2.8001	0.0014	0.019	0	0.0204
1553	10.8	10.5	0.9996	1.8003	0.0006	2.8005	0.001	0.017	0	0.018
1554	10.1	10.4	0.9996	1.8005	0.0006	2.8007	0.001	0.0229	0	0.0239
1555	10.1	10.4	0.9997	1.8004	0.0006	2.8007	0.001	0.016	0	0.017
1556	10.7	10.4	0.9997	1.8005	0.0006	2.8008	0.001	0.0121	0	0.0131
1557	10.5	10.4	0.9997	1.8004	0.0006	2.8007	0.001	0.0129	0	0.0139
1558	10.6	10.4	0.9997	1.8002	0.0006	2.8005	0.0011	0.017	0.001	0.019
1559	10.2	10.4	0.9996	1.8003	0.0006	2.8005	0.002	0.0135	0	0.0155
1560	10.2	10.4	0.9996	1.8003	0.0006	2.8005	0.0018	0.0112	0	0.013
1561	10.4	10.4	0.9997	1.8001	0.0007	2.8004	0.001	0.024	0	0.025
1562	10.1	10.4	0.9997	1.8004	0.0007	2.8008	0.0008	0.0279	0	0.0287
1563	10.2	10.4	0.9996	1.8003	0.0007	2.8006	0.0003	0.033	0	0.0333
1564	10	10.4	0.9997	1.7999	0.0007	2.8003	0.0007	0.0368	0	0.0375
1565	10.4	10.4	0.9997	1.7992	0.0007	2.7996	0	0.0351	0	0.0351
1566	10.1	10.4	0.9996	1.7997	0.0006	2.7999	0	0.0354	0	0.0354
1567	10.2	10.4	0.9996	1.7996	0.0006	2.7998	0	0.0359	0	0.0359
1568	11	10.4	0.9996	1.7992	0.0006	2.7994	0	0.0385	-0.0005	0.038
1569	10.3	10.5	0.9996	1.7988	0.0006	2.799	0.0006	0.0334	-0.0004	0.0336
1570	10.4	10.5	0.9996	1.799	0.0006	2.7992	0.001	0.026	0	0.027
1571	11.1	10.5	0.9996	1.7987	0.0006	2.7989	0.001	0.0309	0	0.0319
1572	10.6	10.5	0.9996	1.7984	0.0006	2.7986	0.001	0.0194	0	0.0204
1573	10.8	10.5	0.9996	1.7991	0.0006	2.7993	0.001	0.0131	0	0.0141
1574	10.6	10.5	0.9996	1.799	0.0006	2.7992	0.0009	0.0144	0	0.0153
1575	10.5	10.6	0.9996	1.7986	0.0006	2.7988	0.0002	0.015	0	0.0152
1576	10.4	10.6	0.9996	1.7988	0.0006	2.799	0.001	0.0092	-0.001	0.0092
1577	10.5	10.6	0.9996	1.7992	0.0006	2.7994	0.001	0.0067	-0.001	0.0067
1578	10.9	10.5	0.9996	1.7989	0.0006	2.7991	0.001	0.0108	-0.001	0.0108
1579	10.4	10.5	0.9996	1.7991	0.0007	2.7994	0.001	0.006	-0.0007	0.0063
1580	10.6	10.5	0.9996	1.7992	0.0007	2.7994	0.001	0.0021	0	0.0031
1581	10.1	10.5	0.9996	1.8002	0.0006	2.8004	0.001	0.0062	0	0.0072
1582	10.5	10.5	0.9996	1.801	0.0006	2.8012	0.001	0.0063	0	0.0073

1583	10.8	10.5	0.9996	1.8011	0.0006	2.8013	0.0017	0.0038	0.0007	0.0061
1584	10.8	10.5	0.9996	1.8012	0.0006	2.8014	0.0006	0.0059	0.001	0.0074
1585	10.3	10.5	0.9996	1.8007	0.0006	2.8009	0	0.0067	0.001	0.0077
1586	10.2	10.6	0.9996	1.8008	0.0006	2.801	0.0008	0.0051	0.0002	0.0061
1587	10.3	10.6	0.9996	1.801	0.0006	2.8012	0.001	0.0127	0.0009	0.0146
1588	10.5	10.6	0.9996	1.8008	0.0006	2.801	0.0001	0.0227	0.0001	0.0229
1589	10.4	10.6	0.9996	1.8004	0.0006	2.8006	0.0009	0.0295	0	0.0304
1590	10.4	10.6	0.9996	1.8005	0.0006	2.8007	0.001	0.0251	0	0.0261
1591	10.5	10.6	0.9996	1.7997	0.0006	2.7999	0.001	0.0166	0	0.0176
1592	11.2	10.7	0.9996	1.7996	0.0006	2.7998	0.001	0.0145	0	0.0155
1593	11	10.7	0.9996	1.7997	0.0006	2.7999	0.001	0.0306	0	0.0316
1594	10.8	10.7	0.9996	1.7992	0.0006	2.7994	0.0007	0.027	-0.0003	0.0275
1595	10.6	10.7	0.9996	1.799	0.0006	2.7992	0	0.0233	-0.0007	0.0227
1596	11	10.8	0.9996	1.7989	0.0006	2.7991	0	0.0291	0	0.0291
1597	11	10.7	0.9996	1.7996	0.0006	2.7998	0	0.0254	0	0.0254
1598	10.8	10.8	0.9995	1.7996	0.0006	2.7997	0	0.0124	0	0.0124
1599	10.7	10.8	0.9995	1.7997	0.0006	2.7998	0	0.0086	0	0.0086
1600	10.6	10.8	0.9995	1.7999	0.0006	2.8	0.0007	0.0019	0	0.0026
1601	10.8	10.8	0.9996	1.8004	0.0006	2.8006	0.001	-0.0043	0	-0.0033
1602	11	10.8	0.9996	1.8008	0.0006	2.801	0.0001	-0.0125	0.0008	-0.0115
1603	11	10.8	0.9996	1.8007	0.0006	2.8009	0	-0.0122	0.0001	-0.0121
1604	10.8	10.8	0.9996	1.801	0.0006	2.8012	0	-0.0089	0	-0.0089
1605	11	10.8	0.9996	1.8017	0.0006	2.8019	0.0001	-0.0014	0	-0.0013
1606	10.2	10.8	0.9996	1.802	0.0006	2.8022	0.001	-0.0077	0	-0.0067
1607	10.6	10.8	0.9996	1.8021	0.0006	2.8023	0.0009	-0.0026	0	-0.0017
1608	10.6	10.7	0.9995	1.8019	0.0006	2.802	0	-0.0025	0	-0.0025
1609	10.8	10.7	0.9995	1.8018	0.0006	2.8019	0.0002	-0.008	0	-0.0078
1610	10.8	10.8	0.9995	1.8016	0.0006	2.8017	0.0005	-0.0082	0	-0.0077
1611	11	10.8	0.9995	1.8016	0.0006	2.8018	0	-0.0076	0	-0.0076
1612	10.9	10.8	0.9996	1.8011	0.0006	2.8013	0.0007	-0.0065	0.0007	-0.0052
1613	11	10.7	0.9995	1.8007	0.0006	2.8008	0.001	-0.0057	0.001	-0.0037
1614	10.5	10.7	0.9996	1.8001	0.0006	2.8003	0.0002	-0.007	0.001	-0.0058
1615	10.9	10.7	0.9996	1.7999	0.0006	2.8001	0.0009	-0.0101	0.001	-0.0082
1616	10.5	10.7	0.9996	1.8	0.0006	2.8002	0.001	-0.0177	0.001	-0.0157
1617	10.5	10.7	0.9996	1.7995	0.0007	2.7998	0.0006	-0.013	0	-0.0124
1618	10.5	10.7	0.9995	1.7993	0.0006	2.7995	0.001	-0.0164	0	-0.0154
1619	10.9	10.7	0.9995	1.7994	0.0006	2.7995	0.001	-0.0212	0	-0.0202

1620	11.4	10.7	0.9995	1.7991	0.0006	2.7992	0.001	-0.0233	0	-0.0223
1621	10.5	10.7	0.9995	1.7992	0.0006	2.7993	0.0001	-0.0165	0	-0.0164
1622	10.6	10.7	0.9995	1.7993	0.0006	2.7994	0	-0.0197	0	-0.0197
1623	10.4	10.7	0.9995	1.7993	0.0006	2.7994	0	-0.0174	0	-0.0174
1624	10.1	10.7	0.9995	1.7995	0.0006	2.7996	0.0009	-0.0104	-0.001	-0.0105
1625	10.5	10.6	0.9995	1.8002	0.0007	2.8004	0	-0.0101	-0.0008	-0.0109
1626	10.4	10.6	0.9995	1.8008	0.0007	2.801	0	-0.015	0	-0.015
1627	10.7	10.6	0.9995	1.8008	0.0007	2.801	0	-0.0141	0	-0.0141
1628	10.4	10.6	0.9995	1.8012	0.0007	2.8014	0	-0.0056	0	-0.0056
1629	10.6	10.6	0.9995	1.8012	0.0006	2.8013	0	-0.0046	0	-0.0046
1630	11.2	10.6	0.9995	1.801	0.0006	2.8011	0	-0.0012	0.001	-0.0002
1631	11.2	10.6	0.9995	1.8011	0.0006	2.8012	0	-0.005	0.0009	-0.0041
1632	10.5	10.6	0.9995	1.8013	0.0006	2.8014	0	0.0023	0	0.0023
1633	10.8	10.6	0.9996	1.8012	0.0006	2.8014	0	0.0113	0	0.0113
1634	10.3	10.6	0.9996	1.8005	0.0006	2.8007	0	0.0161	0	0.0161
1635	10.2	10.6	0.9995	1.8005	0.0007	2.8007	0	0.0108	0	0.0108
1636	10.7	10.6	0.9995	1.7998	0.0006	2.7999	0	-0.0009	0	-0.0009
1637	10.3	10.6	0.9996	1.7995	0.0006	2.7997	0	0.0034	0	0.0034
1638	10.8	10.6	0.9995	1.7989	0.0006	2.799	0	0.0065	0	0.0065
1639	10.9	10.6	0.9995	1.799	0.0006	2.7991	0	0.0044	0	0.0044
1640	10.4	10.6	0.9995	1.7994	0.0006	2.7995	0	0.0018	0	0.0018
1641	10.5	10.6	0.9995	1.7992	0.0006	2.7993	0	0.0016	0	0.0016
1642	10.2	10.5	0.9995	1.7982	0.0006	2.7983	0	-0.0084	0	-0.0084
1643	10.1	10.5	0.9995	1.7983	0.0006	2.7984	0	-0.0095	0	-0.0095
1644	10.5	10.5	0.9996	1.7984	0.0007	2.7986	0	-0.0066	0	-0.0066
1645	11.1	10.6	0.9996	1.7981	0.0006	2.7983	-0.0006	-0.0098	0	-0.0104
1646	11	10.5	0.9996	1.7986	0.0006	2.7988	-0.001	-0.0108	0	-0.0118
1647	10.7	10.5	0.9996	1.7997	0.0006	2.7999	-0.0002	-0.0121	0	-0.0124
1648	10.5	10.5	0.9996	1.7999	0.0006	2.8001	-0.0003	0.0002	0	-0.0001
1649	10.4	10.5	0.9996	1.8002	0.0006	2.8004	-0.001	0.0007	0	-0.0003
1650	10.5	10.5	0.9996	1.8001	0.0006	2.8003	-0.001	0.0057	0	0.0047
1651	10.1	10.5	0.9996	1.8011	0.0005	2.8013	-0.001	0.0072	0	0.0062
1652	10.8	10.5	0.9996	1.8011	0.0006	2.8013	-0.0004	0.0087	0	0.0083
1653	10.6	10.6	0.9996	1.8011	0.0006	2.8013	0	0.0108	0	0.0108
1654	10.5	10.6	0.9996	1.8007	0.0006	2.8009	0	0.0112	0	0.0112
1655	9.88	10.6	0.9996	1.8011	0.0006	2.8013	0	0.019	0	0.019
1656	10.6	10.6	0.9996	1.8007	0.0006	2.801	0	0.0295	0	0.0295

1657	10.9	10.6	0.9997	1.8007	0.0006	2.801	0	0.0372	0	0.0372
1658	10.5	10.6	0.9997	1.801	0.0006	2.8013	0.0005	0.0404	0	0.0408
1659	10.4	10.6	0.9996	1.8011	0.0006	2.8013	0	0.0379	0	0.0379
1660	10.6	10.6	0.9996	1.801	0.0006	2.8012	0	0.0374	0	0.0374
1661	10.7	10.7	0.9996	1.8007	0.0006	2.8009	0	0.0369	0	0.0369
1662	11	10.7	0.9996	1.801	0.0006	2.8012	0.0002	0.0394	0	0.0396
1663	10.8	10.7	0.9996	1.801	0.0006	2.8012	0.0007	0.0331	0	0.0338
1664	11	10.7	0.9996	1.8009	0.0006	2.8011	0.0003	0.0265	0	0.0268
1665	11.2	10.8	0.9996	1.801	0.0006	2.8012	0.001	0.0253	0	0.0263
1666	10.5	10.8	0.9995	1.8011	0.0006	2.8012	0.001	0.0303	-0.001	0.0303
1667	10.4	10.8	0.9995	1.8013	0.0006	2.8014	0.001	0.0348	0	0.0358
1668	10.8	10.9	0.9995	1.8014	0.0006	2.8015	0.0008	0.0283	0.0005	0.0296
1669	11	10.9	0.9995	1.8011	0.0006	2.8012	-0.0006	0.0292	0.0004	0.029
1670	10.5	10.9	0.9996	1.8006	0.0006	2.8008	-0.001	0.0317	0	0.0307
1671	10.8	11	0.9996	1.8006	0.0006	2.8008	-0.001	0.0276	0	0.0266
1672	10.6	11	0.9996	1.8002	0.0006	2.8004	-0.001	0.0302	0	0.0292
1673	11.4	11	0.9995	1.8001	0.0007	2.8004	-0.001	0.0264	0	0.0254
1674	10.7	11	0.9996	1.8	0.0007	2.8003	-0.001	0.0213	0	0.0203
1675	11.3	11	0.9996	1.8001	0.0006	2.8003	-0.001	0.0225	0	0.0215
1676	11.3	11	0.9996	1.8002	0.0006	2.8004	-0.0004	0.0269	0.001	0.0275
1677	11.1	11	0.9996	1.7998	0.0006	2.8	0	0.0333	0.001	0.0343
1678	11.2	11	0.9996	1.7993	0.0006	2.7995	0	0.0335	0.001	0.0345
1679	11.5	11	0.9996	1.7992	0.0006	2.7994	0	0.0383	0.0007	0.039
1680	11.1	11	0.9996	1.7997	0.0006	2.7999	0	0.0411	0	0.0411
1681	11.1	11	0.9996	1.8	0.0006	2.8002	-0.0008	0.0427	0	0.0419
1682	10.8	11	0.9996	1.7998	0.0006	2.8	-0.001	0.0449	0	0.0439
1683	11.1	10.9	0.9996	1.7995	0.0006	2.7997	-0.001	0.0544	0	0.0534
1684	10.9	10.9	0.9996	1.8001	0.0006	2.8003	-0.0003	0.061	0	0.0607
1685	10.6	10.9	0.9996	1.8007	0.0006	2.8009	0	0.0547	0	0.0547
1686	10.3	10.9	0.9996	1.8004	0.0006	2.8006	-0.0008	0.0519	0.0008	0.0519
1687	11.1	10.8	0.9996	1.8004	0.0006	2.8006	0	0.0509	0.0001	0.0511
1688	10.9	10.8	0.9996	1.8004	0.0006	2.8006	0.0008	0.0439	0	0.0447
1689	10.7	10.7	0.9996	1.8002	0.0006	2.8004	-0.0009	0.0351	0	0.0341
1690	10.7	10.7	0.9996	1.8003	0.0006	2.8005	-0.001	0.0317	0	0.0307
1691	10.3	10.6	0.9996	1.8006	0.0006	2.8008	-0.001	0.0368	0	0.0358
1692	10.4	10.6	0.9996	1.8005	0.0006	2.8007	-0.0006	0.0322	0	0.0316
1693	10.7	10.6	0.9996	1.8003	0.0006	2.8005	-0.0004	0.0241	0	0.0237

1694	11	10.6	0.9997	1.8001	0.0006	2.8004	-0.0004	0.0278	0.0003	0.0277
1695	10.9	10.6	0.9997	1.8001	0.0006	2.8004	0.0007	0.03	0.0007	0.0313
1696	10.7	10.6	0.9996	1.8002	0.0006	2.8004	0	0.0257	0	0.0257
1697	9.98	10.6	0.9996	1.7996	0.0006	2.7998	0	0.028	0	0.028
1698	9.99	10.6	0.9996	1.7995	0.0006	2.7997	0	0.0389	0	0.0389
1699	10.5	10.6	0.9996	1.7991	0.0006	2.7993	0	0.0431	-0.0002	0.0429
1700	10.2	10.6	0.9996	1.7991	0.0006	2.7993	0	0.0499	-0.0008	0.0491
1701	10.9	10.6	0.9996	1.7996	0.0006	2.7998	0	0.0481	-0.0003	0.0479
1702	10.4	10.6	0.9996	1.7997	0.0006	2.7999	0	0.0554	-0.0018	0.0536
1703	11.2	10.7	0.9996	1.7995	0.0006	2.7997	0	0.0554	-0.0011	0.0544
1704	10.4	10.6	0.9996	1.7991	0.0006	2.7993	0	0.0603	-0.001	0.0593
1705	10.7	10.6	0.9996	1.7987	0.0006	2.7989	0	0.0522	-0.001	0.0512
1706	10.6	10.6	0.9996	1.7983	0.0006	2.7985	-0.0004	0.0616	-0.001	0.0602
1707	10.8	10.7	0.9995	1.7981	0.0006	2.7983	-0.0004	0.0632	-0.001	0.0618
1708	10.8	10.7	0.9995	1.7982	0.0006	2.7983	0.001	0.0601	-0.001	0.0601
1709	10.9	10.7	0.9995	1.7981	0.0006	2.7982	0.0008	0.0571	-0.001	0.0569
1710	11	10.8	0.9995	1.7979	0.0006	2.798	0	0.0595	-0.001	0.0585
1711	10.7	10.7	0.9995	1.7977	0.0006	2.7978	0	0.0583	-0.0003	0.0579
1712	10.9	10.7	0.9995	1.7978	0.0006	2.7979	0	0.0546	0	0.0546
1713	10.6	10.6	0.9995	1.798	0.0006	2.7981	0	0.0558	0	0.0558
1714	10.8	10.6	0.9995	1.7976	0.0006	2.7977	0	0.0533	0	0.0533
1715	10.2	10.6	0.9995	1.7968	0.0007	2.797	0	0.0459	0	0.0459
1716	11.2	10.5	0.9995	1.7965	0.0006	2.7966	0	0.0465	0	0.0465
1717	11.1	10.5	0.9995	1.7967	0.0006	2.7968	-0.0006	0.0488	0	0.0482
1718	10.5	10.5	0.9996	1.7964	0.0006	2.7966	-0.001	0.0544	-0.0009	0.0526
1719	10.6	10.4	0.9996	1.7962	0.0006	2.7964	-0.001	0.0541	-0.001	0.0521
1720	9.86	10.4	0.9996	1.7964	0.0006	2.7966	-0.001	0.0466	-0.001	0.0446
1721	9.8	10.4	0.9996	1.7962	0.0006	2.7964	-0.0001	0.0426	-0.001	0.0414
1722	10.1	10.4	0.9996	1.7966	0.0006	2.7968	0	0.041	-0.001	0.04
1723	10	10.4	0.9996	1.7971	0.0006	2.7973	0	0.036	-0.001	0.035
1724	10.1	10.4	0.9996	1.7972	0.0006	2.7974	-0.0009	0.0321	0	0.0313
1725	10.3	10.5	0.9995	1.7975	0.0006	2.7977	0	0.0356	0.0008	0.0363
1726	10	10.5	0.9995	1.7975	0.0006	2.7976	0	0.036	0	0.036
1727	10.1	10.5	0.9995	1.7974	0.0006	2.7975	0	0.0335	0	0.0335
1728	10.6	10.5	0.9995	1.7974	0.0006	2.7975	0	0.0251	0	0.0251
1729	10.8	10.5	0.9995	1.7971	0.0006	2.7972	0	0.0174	0	0.0174
1730	10.8	10.6	0.9996	1.7967	0.0006	2.7969	0	0.0121	0	0.0121

1731	10.4	10.7	0.9996	1.7966	0.0006	2.7968	0	0.0114	0	0.0114
1732	11	10.7	0.9996	1.7958	0.0006	2.796	0	0.0129	0	0.0129
1733	11	10.8	0.9996	1.7951	0.0006	2.7953	0	0.013	0	0.013
1734	10.9	10.9	0.9996	1.7951	0.0006	2.7953	0	0.0135	0	0.0135
1735	10.8	10.9	0.9996	1.7953	0.0006	2.7955	0	0.0286	-0.0004	0.0282
1736	11.2	11	0.9995	1.7947	0.0006	2.7948	0	0.0385	-0.0006	0.0379
1737	11	11	0.9995	1.7951	0.0006	2.7952	0	0.0379	-0.0005	0.0374
1738	11.3	11	0.9996	1.7954	0.0006	2.7956	0	0.0424	-0.001	0.0414
1739	11.1	11	0.9996	1.7959	0.0006	2.7961	0	0.049	-0.001	0.048
1740	11.2	11	0.9996	1.7958	0.0006	2.796	0	0.0543	-0.001	0.0533
1741	11.3	11	0.9996	1.796	0.0006	2.7961	0	0.0619	-0.001	0.0609
1742	11.3	11	0.9995	1.7957	0.0006	2.7959	0	0.0597	-0.001	0.0587
1743	11.2	10.9	0.9996	1.7955	0.0006	2.7956	-0.0009	0.0614	-0.001	0.0594
1744	10.9	10.9	0.9995	1.7954	0.0006	2.7955	0	0.0531	-0.001	0.0521
1745	11.4	10.9	0.9996	1.7955	0.0006	2.7957	0.0006	0.0561	-0.001	0.0557
1746	11.1	10.9	0.9996	1.7959	0.0006	2.7961	0.001	0.0482	-0.001	0.0482
1747	10.7	10.9	0.9996	1.7958	0.0006	2.796	0.0002	0.0455	-0.001	0.0448
1748	11.2	10.8	0.9996	1.7956	0.0006	2.7958	-0.0003	0.0382	-0.001	0.0369
1749	10.4	10.8	0.9996	1.7953	0.0007	2.7955	-0.0007	0.0375	-0.001	0.0358
1750	10.3	10.7	0.9996	1.7953	0.0006	2.7956	0	0.0322	-0.001	0.0312
1751	10.2	10.7	0.9996	1.7956	0.0007	2.7959	0	0.032	-0.001	0.031
1752	10.4	10.6	0.9996	1.7955	0.0007	2.7958	0	0.0365	-0.001	0.0355
1753	10.6	10.6	0.9996	1.7951	0.0007	2.7954	0	0.0386	-0.001	0.0376
1754	10.6	10.6	0.9996	1.7954	0.0007	2.7957	0	0.037	-0.001	0.036
1755	10.8	10.5	0.9996	1.795	0.0007	2.7953	0	0.0324	-0.001	0.0313
1756	10.4	10.5	0.9997	1.7944	0.0007	2.7948	0	0.0293	-0.0011	0.0283
1757	10	10.5	0.9996	1.7947	0.0007	2.795	0	0.0253	-0.0011	0.0242
1758	10.4	10.5	0.9996	1.7953	0.0007	2.7956	-0.0006	0.0232	-0.0011	0.0215
1759	10.3	10.5	0.9996	1.7951	0.0007	2.7954	-0.0011	0.0239	-0.0011	0.0217
1760	10.3	10.5	0.9996	1.7952	0.0006	2.7954	-0.0011	0.0234	-0.0011	0.0212
1761	10.9	10.6	0.9996	1.7953	0.0006	2.7955	-0.0011	0.0216	-0.0011	0.0194
1762	10.7	10.6	0.9996	1.7954	0.0006	2.7956	-0.0011	0.0196	-0.0011	0.0173
1763	10.5	10.6	0.9996	1.7957	0.0006	2.7959	-0.0011	0.0212	-0.0011	0.019
1764	10.5	10.6	0.9996	1.7963	0.0006	2.7965	-0.0011	0.0239	-0.0011	0.0216
1765	10.7	10.6	0.9996	1.7963	0.0006	2.7965	-0.0012	0.0188	-0.0012	0.0165
1766	10.5	10.6	0.9996	1.7962	0.0006	2.7964	-0.0012	0.0104	0	0.0092
1767	10.7	10.6	0.9996	1.7958	0.0007	2.7961	-0.0012	0.0063	-0.0012	0.0039

1768	10.6	10.6	0.9996	1.7959	0.0007	2.7962	-0.001	0.0092	-0.0012	0.007
1769	11.2	10.7	0.9996	1.7964	0.0007	2.7967	0	0.0054	-0.0012	0.0042
1770	11	10.7	0.9996	1.7964	0.0007	2.7967	0	0.0028	-0.0012	0.0016
1771	10.4	10.6	0.9996	1.7965	0.0007	2.7968	0	0.0052	-0.0012	0.0039
1772	11.1	10.7	0.9996	1.7966	0.0007	2.7969	0	0.003	-0.0013	0.0017
1773	10.3	10.7	0.9996	1.7969	0.0007	2.7972	0	0.0085	-0.0013	0.0072
1774	10.5	10.7	0.9996	1.7965	0.0006	2.7967	0	0.0152	-0.0013	0.0139
1775	10.4	10.7	0.9996	1.7965	0.0006	2.7967	0	0.0168	-0.0013	0.0154
1776	10.8	10.7	0.9996	1.7968	0.0006	2.797	-0.0008	0.021	-0.0013	0.0189
1777	10.8	10.7	0.9996	1.7973	0.0006	2.7975	-0.0014	0.0208	-0.0014	0.0181
1778	10.9	10.8	0.9996	1.7976	0.0006	2.7978	-0.0014	0.0201	-0.0014	0.0174
1779	10.1	10.8	0.9996	1.798	0.0006	2.7982	-0.0014	0.0198	-0.0014	0.0171
1780	10.4	10.8	0.9996	1.7985	0.0006	2.7987	-0.0014	0.0165	-0.0014	0.0137
1781	10.9	10.8	0.9996	1.7987	0.0006	2.7989	-0.0003	0.0112	-0.0014	0.0094
1782	10.9	10.8	0.9996	1.7985	0.0006	2.7987	0	0.0089	-0.0014	0.0075
1783	11.4	10.8	0.9996	1.7981	0.0006	2.7983	0	-0.0017	-0.0015	-0.0032
1784	10.8	10.8	0.9996	1.7972	0.0006	2.7975	0	-0.0126	-0.0015	-0.0141
1785	10.6	10.8	0.9996	1.7969	0.0007	2.7972	0	-0.0136	-0.0015	-0.0152
1786	10.8	10.8	0.9996	1.7967	0.0006	2.7969	-0.0001	-0.0097	-0.0015	-0.0113
1787	11.2	10.8	0.9996	1.7961	0.0007	2.7964	-0.0016	-0.0198	-0.0016	-0.0229
1788	11	10.8	0.9996	1.7955	0.0007	2.7958	-0.0014	-0.0138	-0.0016	-0.0168
1789	11.2	10.8	0.9996	1.7947	0.0007	2.795	0	-0.009	-0.0016	-0.0106
1790	10.9	10.8	0.9996	1.7942	0.0007	2.7945	0	-0.0013	-0.0016	-0.0029
1791	10.8	10.8	0.9996	1.7946	0.0007	2.7949	0	-0.0031	-0.0017	-0.0047
1792	10.2	10.7	0.9997	1.7944	0.0007	2.7948	-0.0006	0.0005	-0.0017	-0.0018
1793	11.1	10.7	0.9996	1.795	0.0007	2.7953	-0.0011	-0.0036	-0.0017	-0.0064
1794	11	10.7	0.9996	1.7945	0.0007	2.7948	-0.0006	-0.0083	-0.0018	-0.0107
1795	10.9	10.6	0.9996	1.7953	0.0007	2.7956	-0.0012	-0.0102	-0.0018	-0.0132
1796	10.7	10.6	0.9996	1.7956	0.0007	2.7959	0	-0.0077	-0.0018	-0.0095
1797	10.7	10.6	0.9996	1.7958	0.0007	2.7961	0	-0.0019	-0.0019	-0.0037
1798	10.2	10.4	0.9997	1.7958	0.0007	2.7962	0	-0.0024	-0.0019	-0.0043
1799	10.1	10.2	0.9996	1.7959	0.0007	2.7962	0	-0.0069	-0.0016	-0.0086
1800	10.2	10.2	0.9996	1.796	0.0007	2.7963	0	-0.0137	-0.0004	-0.0141