

Test Name	BRK, MW, rep 3
Cladding	Brick
Cladding Thickness [mm]	102
Insulation	Mineral Wool (MW)
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 Mineral Wool (MW) 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]	0
Time to Peak HRR [mins]	
Residual HRR [kW]	2.4
Total HR [MJ]	0
Peak dQ/dt [kW/s]	0
Time to Peak dQ/dt [s]	

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	0.278	0.278	1.0003	2.7981	0	3.7984	0.004	0.3651	0.002	0.3711
1	0.523	0.442	1.0004	2.796	0.0001	3.7965	0.0028	0.3501	0.002	0.3548
2	0.526	0.571	1.0003	2.7946	-0.0001	3.7949	0.0033	0.3325	0.0019	0.3377
3	0.655	0.768	1.0005	2.793	-0.0001	3.7934	0.0038	0.3371	0.0019	0.3427
4	0.871	1.19	1.0005	2.7918	-0.0001	3.7922	0.002	0.3394	0.0019	0.3433
5	1.06	1.73	1.0004	2.7906	-0.0001	3.791	0.0018	0.3355	0	0.3373
6	1.47	2.33	1.0003	2.7898	0	3.7901	0.0018	0.3291	0	0.3309
7	2.35	2.86	1.0003	2.7894	0	3.7897	0.0018	0.334	0	0.3358
8	2.99	3.36	1.0003	2.7885	0	3.7888	0.0017	0.3331	0	0.3349
9	3.59	3.82	1.0002	2.7875	0	3.7877	0.0017	0.3292	0.0007	0.3316
10	4.67	4.23	1.0002	2.7863	0	3.7865	0.0017	0.331	0.0017	0.3343
11	5.39	4.64	1.0002	2.786	0	3.7862	0.0016	0.3308	0.0016	0.334
12	5.96	5.06	1.0002	2.7861	0	3.7863	0.0016	0.337	0.0016	0.3402
13	5.88	5.47	1.0003	2.7858	0	3.7861	0.0016	0.332	0.0016	0.3351
14	6.74	5.91	1.0003	2.786	0	3.7863	0.0016	0.3272	0.0016	0.3304
15	6.91	6.35	1.0003	2.7858	0.0001	3.7862	0.0015	0.3237	0.0015	0.3268
16	7.25	6.77	1.0003	2.7857	0.0001	3.7861	0.0015	0.3099	0.0015	0.3129
17	7.64	7.14	1.0003	2.7859	0	3.7862	0.0015	0.304	0.0015	0.307
18	7.85	7.48	1.0003	2.786	0	3.7863	0.0015	0.2926	0.0015	0.2956
19	8.1	7.79	1.0003	2.7862	0	3.7865	0.0014	0.2852	0.0014	0.2881
20	8.34	8.03	1.0002	2.7865	0	3.7867	0.0014	0.2829	0.0014	0.2858
21	8.49	8.22	1.0002	2.7868	0	3.787	0.0014	0.2741	0.0006	0.2761
22	8.45	8.41	1.0002	2.7861	0	3.7863	0.0014	0.2683	0	0.2697
23	9.22	8.56	1.0002	2.7863	0	3.7865	0.0014	0.2682	0.001	0.2706
24	9.42	8.71	1.0002	2.7851	0	3.7853	0.0014	0.2644	0.0014	0.2671
25	9.44	8.83	1.0002	2.7834	0	3.7836	0.0013	0.2543	0.0013	0.257
26	9.31	8.95	1.0002	2.7861	0	3.7863	0.0013	0.256	0.0013	0.2586
27	9.4	9.04	1.0002	2.7867	0	3.7869	0.0013	0.2539	0.0013	0.2565
28	9.54	9.14	1.0002	2.7865	0	3.7867	0.0013	0.2571	0.001	0.2594

29	9.19	9.21	1.0001	2.7862	0	3.7864	0.0013	0.253	0	0.2543
30	9.06	9.28	1.0001	2.7856	0	3.7857	0.0013	0.2541	0	0.2553
31	9.52	9.33	1.0001	2.785	0	3.7851	0.0012	0.2464	0	0.2476
32	8.79	9.38	1.0002	2.7844	0	3.7846	0.0012	0.2416	0	0.2428
33	9.5	9.41	1.0002	2.7839	0	3.7841	0.0012	0.2392	0	0.2404
34	9.35	9.44	1.0003	2.784	0	3.7843	0.0012	0.2311	0	0.2323
35	9.44	9.47	1.0003	2.7839	0	3.7842	0.0012	0.2245	0	0.2257
36	9.37	9.51	1.0003	2.7841	0	3.7844	0.0012	0.2216	0	0.2227
37	9.74	9.53	1.0002	2.7841	0	3.7843	0.0011	0.2167	0.0011	0.219
38	9.51	9.57	1.0003	2.7841	0	3.7844	0.0011	0.2146	0.0011	0.2169
39	9.54	9.62	1.0003	2.7846	0	3.7849	0.0011	0.2067	0.0011	0.2089
40	9.48	9.69	1.0003	2.7849	0	3.7852	0.0011	0.2047	0.0011	0.2069
41	9.43	9.74	1.0003	2.785	0	3.7853	0.0011	0.1952	0.0011	0.1974
42	9.8	9.83	1.0003	2.7855	0	3.7858	0.0011	0.1826	0.0011	0.1848
43	9.92	9.88	1.0003	2.786	0	3.7863	0.0011	0.1704	0.0011	0.1725
44	10	9.93	1.0004	2.7855	0	3.7859	0.0011	0.1652	0.0011	0.1673
45	10.2	9.95	1.0004	2.785	0	3.7854	0.0011	0.1634	0.0011	0.1655
46	9.8	10	1.0004	2.7853	0	3.7856	0.001	0.1581	0.001	0.1602
47	10.2	10.1	1.0003	2.7847	0	3.785	0.001	0.1544	0.0002	0.1556
48	10.2	10.1	1.0002	2.7846	0	3.7848	0.001	0.1526	0	0.1536
49	10.3	10.2	1.0002	2.7847	-0.0001	3.7848	0.001	0.153	0	0.154
50	10.5	10.3	1.0003	2.7851	-0.0001	3.7853	0.001	0.1527	0	0.1537
51	10.6	10.4	1.0002	2.7857	-0.0001	3.7858	0	0.1063	0	0.1063
52	10.4	10.5	1.0002	2.7851	-0.0001	3.7852	0.0009	0.0884	0.0008	0.0901
53	10.3	10.5	1.0003	2.7846	-0.0001	3.7848	0.0004	0.078	-0.001	0.0774
54	9.83	10.5	1.0003	2.7845	0	3.7848	0.002	0.064	-0.001	0.065
55	10.7	10.6	1.0003	2.7845	0	3.7848	0.002	0.0566	-0.001	0.0576
56	10.7	10.6	1.0003	2.7839	0	3.7842	0.0015	0.049	-0.001	0.0495
57	10.4	10.6	1.0003	2.7836	0	3.7839	0.0004	0.0439	0.0003	0.0446
58	11	10.7	1.0003	2.7835	0	3.7838	0	0.0447	0.0002	0.0448
59	11.4	10.7	1.0003	2.7831	-0.0001	3.7833	0	0.0286	0.0009	0.0296
60	11.3	10.7	1.0003	2.7828	-0.0001	3.783	-0.0008	0.0071	0.001	0.0074
61	10.9	10.7	1.0003	2.7821	-0.0001	3.7823	-0.001	-0.0026	0.001	-0.0026
62	10.4	10.8	1.0003	2.782	-0.0001	3.7822	-0.001	-0.0073	0.001	-0.0073
63	10.7	10.8	1.0003	2.782	-0.0001	3.7822	-0.0009	-0.0122	0.0007	-0.0124
64	11.1	10.8	1.0003	2.7819	-0.0001	3.7821	0	-0.0171	0.0004	-0.0166
65	10.6	10.8	1.0003	2.7825	-0.0001	3.7827	0	-0.0153	0.0008	-0.0145

66	10.6	10.8	1.0003	2.7826	-0.0001	3.7828	-0.0006	-0.0151	0.001	-0.0147
67	10.9	10.8	1.0003	2.7831	-0.0001	3.7833	-0.001	-0.0197	0.001	-0.0197
68	10.7	10.8	1.0003	2.7833	-0.0001	3.7835	-0.001	-0.0188	0.0004	-0.0194
69	11	10.8	1.0003	2.7831	-0.0001	3.7833	-0.001	-0.0263	0	-0.0273
70	10.9	10.7	1.0003	2.7835	0	3.7838	-0.001	-0.0274	0	-0.0284
71	11.1	10.7	1.0003	2.7836	0	3.7839	-0.0019	-0.0286	0	-0.0305
72	10.8	10.8	1.0003	2.7834	-0.0001	3.7836	-0.002	-0.0312	0	-0.0332
73	10.3	10.8	1.0003	2.7834	-0.0001	3.7836	-0.002	-0.0448	0	-0.0468
74	10.5	10.8	1.0003	2.7839	-0.0001	3.7841	-0.002	-0.041	0	-0.043
75	10.2	10.8	1.0003	2.7835	-0.0001	3.7837	-0.002	-0.0504	0	-0.0524
76	10.7	10.8	1.0003	2.7834	-0.0001	3.7836	-0.002	-0.0556	0	-0.0576
77	10.8	10.7	1.0003	2.7829	-0.0001	3.7831	-0.002	-0.0173	0	-0.0193
78	10.8	10.7	1.0003	2.783	0	3.7833	-0.002	-0.0038	0	-0.0058
79	10.9	10.7	1.0003	2.7826	0	3.7829	-0.002	-0.0011	0	-0.0031
80	11.1	10.7	1.0003	2.783	0	3.7833	-0.0026	-0.0022	0	-0.0048
81	11	10.7	1.0003	2.7831	0	3.7834	-0.003	-0.0071	0	-0.0101
82	10.9	10.6	1.0003	2.7831	0	3.7834	-0.003	-0.0193	0	-0.0223
83	10.9	10.6	1.0003	2.7835	0	3.7838	-0.0022	-0.0262	0	-0.0284
84	10.8	10.6	1.0003	2.7839	0	3.7842	-0.002	-0.0338	0	-0.0358
85	10.3	10.7	1.0003	2.7839	0	3.7842	-0.001	-0.0421	0.0001	-0.0431
86	10.4	10.7	1.0003	2.7841	-0.0001	3.7843	-0.001	-0.0452	0.001	-0.0452
87	10.2	10.7	1.0003	2.7841	-0.0001	3.7843	-0.0012	-0.0516	0.001	-0.0518
88	10.3	10.6	1.0003	2.7846	-0.0001	3.7848	-0.0017	-0.0548	0.001	-0.0555
89	11	10.6	1.0003	2.7845	-0.0001	3.7847	-0.001	-0.0558	0.001	-0.0558
90	10.5	10.6	1.0003	2.7852	-0.0001	3.7854	-0.001	-0.0532	0.001	-0.0532
91	10.5	10.6	1.0003	2.7862	-0.0001	3.7864	-0.0006	-0.0559	0.001	-0.0554
92	10.3	10.6	1.0003	2.7871	-0.0001	3.7873	0	-0.0544	0.001	-0.0534
93	10.5	10.6	1.0003	2.7874	-0.0001	3.7876	0	-0.0502	0.001	-0.0492
94	11	10.6	1.0003	2.7874	-0.0001	3.7876	0	-0.0508	0.001	-0.0498
95	10.4	10.6	1.0003	2.7878	-0.0001	3.788	0.001	-0.0572	0.001	-0.0552
96	10.6	10.6	1.0003	2.788	0	3.7883	0.001	-0.0558	0.001	-0.0538
97	10.3	10.6	1.0003	2.788	0	3.7883	0.0008	-0.0533	0.001	-0.0515
98	10.7	10.7	1.0003	2.7878	0	3.7881	-0.0003	-0.0517	0.001	-0.051
99	10.7	10.7	1.0003	2.7877	0	3.788	-0.001	-0.0501	0.0006	-0.0505
100	10.9	10.7	1.0003	2.7875	0	3.7878	-0.001	-0.0497	0	-0.0507
101	10.7	10.7	1.0003	2.7871	0	3.7874	-0.0004	-0.0438	-0.0002	-0.0444
102	11	10.7	1.0003	2.7868	0	3.7871	-0.0007	-0.0365	-0.001	-0.0382

103	10.5	10.8	1.0003	2.7866	0	3.7869	-0.001	-0.0401	-0.0007	-0.0418
104	10.4	10.7	1.0003	2.7862	0	3.7865	-0.0001	-0.0465	0	-0.0465
105	10.6	10.7	1.0003	2.7857	0	3.786	0	-0.0484	0.001	-0.0474
106	10.8	10.7	1.0003	2.7854	-0.0001	3.7857	0	-0.0473	0.001	-0.0463
107	11.3	10.7	1.0003	2.7849	0	3.7852	0	-0.0527	0.001	-0.0517
108	10.8	10.7	1.0003	2.7856	-0.0001	3.7858	-0.0006	-0.0591	0.001	-0.0587
109	10.8	10.7	1.0003	2.7868	-0.0001	3.787	-0.001	-0.0613	0.0006	-0.0617
110	10.9	10.7	1.0003	2.7866	-0.0001	3.7868	-0.001	-0.0666	-0.0008	-0.0684
111	11	10.7	1.0003	2.7867	-0.0001	3.7869	-0.001	-0.0779	-0.001	-0.0799
112	10.7	10.7	1.0003	2.7873	-0.0001	3.7875	-0.001	-0.0882	-0.001	-0.0902
113	10.6	10.7	1.0003	2.7875	0	3.7878	-0.001	-0.0876	-0.001	-0.0896
114	10.7	10.7	1.0003	2.7875	0	3.7877	-0.001	-0.0871	-0.001	-0.0891
115	10.7	10.7	1.0004	2.7873	0	3.7877	-0.001	-0.0797	-0.001	-0.0817
116	10.3	10.7	1.0004	2.7877	0	3.7881	-0.001	-0.073	-0.001	-0.075
117	10.1	10.7	1.0004	2.7877	0	3.7881	-0.001	-0.0702	-0.001	-0.0722
118	10.1	10.6	1.0004	2.7886	0	3.789	-0.001	-0.0622	-0.001	-0.0642
119	10.7	10.6	1.0004	2.7889	0	3.7893	-0.001	-0.0593	-0.001	-0.0613
120	10.7	10.6	1.0004	2.7893	0	3.7897	-0.001	-0.0563	-0.001	-0.0583
121	10.8	10.6	1.0004	2.7899	0	3.7903	-0.001	-0.0523	-0.0004	-0.0537
122	11.1	10.6	1.0004	2.7906	0	3.791	-0.001	-0.048	0	-0.049
123	10.4	10.6	1.0004	2.7904	0	3.7908	-0.001	-0.0525	0.0001	-0.0535
124	10.3	10.6	1.0004	2.7901	0	3.7905	-0.001	-0.0486	0	-0.0496
125	10.8	10.6	1.0004	2.789	0	3.7894	-0.001	-0.0382	0	-0.0392
126	11.1	10.6	1.0004	2.7878	0	3.7882	-0.001	-0.043	-0.001	-0.045
127	10.5	10.6	1.0004	2.7871	0	3.7875	-0.001	-0.0443	-0.001	-0.0463
128	10.5	10.6	1.0004	2.7866	0	3.787	-0.001	-0.0497	-0.0005	-0.0512
129	10.4	10.6	1.0004	2.7864	0	3.7868	-0.001	-0.0436	0.0006	-0.0439
130	10.3	10.6	1.0004	2.7863	0	3.7867	-0.001	-0.0429	0	-0.0439
131	10.8	10.6	1.0004	2.7869	0	3.7873	-0.001	-0.039	0.0005	-0.0395
132	10.5	10.6	1.0004	2.787	0	3.7874	-0.001	-0.0385	0.0004	-0.0391
133	10.7	10.6	1.0004	2.7873	0	3.7877	-0.001	-0.0409	0	-0.0419
134	10.8	10.6	1.0004	2.7882	0	3.7886	-0.001	-0.0369	0	-0.0379
135	11	10.6	1.0004	2.7885	-0.0001	3.7888	-0.001	-0.0354	0	-0.0364
136	10.5	10.6	1.0004	2.7893	-0.0001	3.7896	-0.001	-0.0322	0	-0.0332
137	10.5	10.6	1.0004	2.7896	-0.0001	3.7899	-0.001	-0.0316	-0.001	-0.0336
138	10.8	10.7	1.0004	2.7896	-0.0001	3.7899	-0.001	-0.0332	-0.001	-0.0352
139	10.4	10.7	1.0004	2.79	-0.0001	3.7903	-0.001	-0.0295	-0.001	-0.0315

140	10.5	10.7	1.0004	2.7905	-0.0001	3.7908	-0.001	-0.0347	-0.001	-0.0367
141	10.9	10.7	1.0003	2.7904	-0.0001	3.7906	-0.001	-0.0181	-0.001	-0.0201
142	10.6	10.7	1.0003	2.7905	-0.0001	3.7907	-0.001	-0.009	-0.001	-0.011
143	10.4	10.7	1.0003	2.7911	-0.0001	3.7913	-0.001	-0.0037	-0.001	-0.0057
144	10.9	10.7	1.0003	2.7912	-0.0001	3.7914	-0.001	-0.0028	-0.0008	-0.0046
145	10.6	10.7	1.0003	2.7906	-0.0001	3.7908	-0.001	0.002	0	0.001
146	10.9	10.6	1.0003	2.7906	-0.0001	3.7908	-0.001	0.0034	0	0.0024
147	11	10.6	1.0003	2.7899	-0.0001	3.7901	-0.001	0.0038	0.0008	0.0036
148	10.6	10.6	1.0003	2.7896	-0.0001	3.7898	-0.001	0.005	0.001	0.005
149	11	10.7	1.0003	2.7897	-0.0001	3.7899	-0.001	0.005	0.001	0.005
150	10.8	10.6	1.0003	2.7895	-0.0001	3.7897	-0.001	0.0044	0.001	0.0044
151	10.6	10.6	1.0003	2.7893	0	3.7896	-0.001	0.0046	0.001	0.0046
152	11.1	10.6	1.0003	2.7891	0	3.7894	-0.001	0.0024	0.0004	0.0018
153	10.4	10.6	1.0003	2.7893	-0.0001	3.7895	-0.001	0.0034	0	0.0024
154	9.98	10.6	1.0003	2.7893	-0.0001	3.7895	-0.001	0.0037	0	0.0027
155	10.3	10.6	1.0003	2.7893	-0.0001	3.7895	-0.001	-0.004	0	-0.005
156	10.5	10.5	1.0003	2.7892	-0.0001	3.7894	-0.001	-0.0111	0	-0.0121
157	10.5	10.5	1.0004	2.7895	-0.0001	3.7898	-0.001	-0.0152	-0.0007	-0.0169
158	10.7	10.5	1.0004	2.7897	-0.0001	3.79	-0.001	-0.0188	-0.0002	-0.0199
159	10.4	10.5	1.0004	2.7898	0	3.7901	-0.001	-0.0061	-0.0009	-0.008
160	10.9	10.4	1.0004	2.7906	0	3.791	-0.001	0.0068	-0.001	0.0048
161	10	10.4	1.0004	2.7909	0	3.7913	-0.001	0.0053	-0.001	0.0033
162	10.1	10.4	1.0004	2.7908	0	3.7912	-0.001	0.0125	-0.0003	0.0112
163	10.2	10.4	1.0004	2.7907	0	3.7911	-0.001	0.021	0.0003	0.0203
164	10.5	10.4	1.0004	2.7899	0	3.7903	-0.001	0.0249	-0.0001	0.0237
165	10.3	10.4	1.0004	2.7898	0	3.7902	-0.001	0.0306	-0.0005	0.0291
166	10.2	10.4	1.0004	2.7896	0	3.79	-0.0004	0.0235	0	0.0231
167	10.5	10.4	1.0004	2.7893	0	3.7897	0	0.0262	0	0.0262
168	10.6	10.4	1.0004	2.7892	0	3.7896	0	0.035	0.001	0.036
169	10.5	10.4	1.0004	2.7888	0	3.7892	0	0.0458	0	0.0458
170	10.3	10.4	1.0004	2.7887	0	3.7891	0.001	0.044	0	0.045
171	10.6	10.4	1.0004	2.7884	0	3.7888	0.001	0.0483	0	0.0493
172	10.3	10.4	1.0004	2.7886	-0.0001	3.7889	0.0008	0.0532	0	0.0541
173	10.4	10.4	1.0004	2.7882	-0.0001	3.7885	0	0.0569	0	0.0569
174	10.5	10.4	1.0004	2.7877	-0.0001	3.788	0	0.0537	0	0.0537
175	10.2	10.4	1.0004	2.7878	0	3.7882	0	0.0484	0	0.0484
176	10.5	10.4	1.0004	2.7878	0	3.7882	0	0.0341	0	0.0341

177	10.4	10.4	1.0004	2.7879	0	3.7882	0	0.0186	0	0.0186
178	10.3	10.4	1.0004	2.7873	-0.0001	3.7877	0	0.0096	0	0.0096
179	10.4	10.4	1.0004	2.7869	0	3.7873	0.0003	0.002	0	0.0024
180	10.5	10.4	1.0004	2.7869	0	3.7872	0.0009	-0.0069	0	-0.006
181	10.6	10.4	1.0004	2.787	0	3.7874	0.0018	-0.0122	0	-0.0103
182	10.5	10.4	1.0004	2.7872	0	3.7876	0.002	-0.008	0	-0.006
183	10.1	10.3	1.0004	2.7872	0	3.7876	0.0011	-0.001	0	0.0001
184	10.6	10.3	1.0004	2.7874	0	3.7878	0.0043	0.002	-0.0009	0.0054
185	10.4	10.3	1.0004	2.7871	0	3.7875	0.0058	0.0109	-0.0003	0.0163
186	10.3	10.3	1.0004	2.7873	0	3.7877	0.0048	0.013	-0.0018	0.016
187	10.2	10.3	1.0004	2.7874	0	3.7878	0.0038	0.025	-0.001	0.0278
188	10.7	10.3	1.0004	2.7875	0	3.7879	0.0026	0.0332	-0.001	0.0349
189	10.4	10.3	1.0004	2.788	0	3.7884	0.0015	0.0303	-0.001	0.0308
190	10.1	10.3	1.0004	2.787	0	3.7874	0.001	0.0307	-0.0016	0.0301
191	10.1	10.3	1.0004	2.7871	0	3.7875	0.0012	0.0276	-0.0014	0.0274
192	9.72	10.3	1.0004	2.7875	0	3.7879	0.0003	0.0228	-0.001	0.0221
193	10.1	10.3	1.0004	2.7877	0	3.7881	0	0.0238	-0.001	0.0228
194	10.4	10.3	1.0004	2.7872	-0.0001	3.7875	0.0009	0.0276	-0.001	0.0275
195	9.96	10.3	1.0004	2.7874	-0.0001	3.7877	0.001	0.0283	-0.001	0.0283
196	10.3	10.3	1.0004	2.7876	-0.0001	3.7879	0.001	0.0296	-0.001	0.0296
197	10.3	10.4	1.0004	2.7875	-0.0001	3.7878	0	0.0269	-0.001	0.0259
198	10.5	10.3	1.0004	2.7873	-0.0001	3.7876	0	0.0197	-0.001	0.0187
199	10.6	10.3	1.0004	2.7872	-0.0001	3.7875	0	0.0145	-0.001	0.0135
200	10.4	10.3	1.0004	2.787	-0.0001	3.7873	-0.0003	0.014	-0.001	0.0127
201	10.7	10.4	1.0004	2.7869	0	3.7873	-0.001	0.0039	-0.0008	0.0021
202	10.7	10.4	1.0004	2.7865	0	3.7869	-0.001	-0.0008	0	-0.0018
203	10.3	10.4	1.0004	2.7863	0	3.7867	-0.001	-0.0013	-0.0003	-0.0026
204	10.4	10.4	1.0004	2.7866	0	3.787	-0.001	0.0024	-0.001	0.0004
205	10.7	10.4	1.0004	2.7868	0	3.7872	-0.001	0.0081	-0.001	0.0061
206	10.4	10.4	1.0004	2.7869	0	3.7873	-0.001	0.0112	-0.001	0.0092
207	9.95	10.4	1.0004	2.7868	0	3.7872	-0.001	0.0178	-0.001	0.0158
208	10.4	10.4	1.0004	2.7862	0	3.7866	-0.0004	0.0219	-0.001	0.0205
209	10.5	10.4	1.0004	2.7861	0	3.7865	0	0.0276	-0.001	0.0266
210	10.4	10.4	1.0004	2.7861	0	3.7865	-0.0003	0.0274	-0.0002	0.0269
211	10.3	10.4	1.0004	2.7855	-0.0001	3.7858	-0.001	0.0334	0	0.0324
212	10.3	10.4	1.0004	2.7852	-0.0001	3.7855	-0.001	0.0369	0	0.0359
213	9.93	10.4	1.0004	2.7851	0	3.7854	-0.001	0.0373	0.0006	0.0369

214	9.98	10.4	1.0004	2.7844	0	3.7848	-0.0003	0.0382	0.001	0.0389
215	10.3	10.4	1.0004	2.785	0	3.7854	0	0.0351	0.001	0.0361
216	10.5	10.4	1.0004	2.7851	0	3.7855	0	0.0309	0.001	0.0319
217	10.7	10.4	1.0004	2.7842	-0.0001	3.7845	0	0.0272	0.001	0.0282
218	10.3	10.4	1.0004	2.784	0	3.7844	0	0.0261	0.001	0.0271
219	10.7	10.4	1.0003	2.7845	0	3.7848	0	0.0305	0.001	0.0315
220	10.4	10.5	1.0003	2.7845	0	3.7848	0.0003	0.0228	0.001	0.0241
221	10.9	10.5	1.0003	2.7846	0	3.7849	0.001	0.0245	0.001	0.0265
222	11.1	10.5	1.0004	2.7849	0	3.7853	0.001	0.0244	0.001	0.0264
223	10.6	10.5	1.0004	2.785	0	3.7854	0.0004	0.0264	0.0002	0.027
224	10.6	10.6	1.0004	2.7853	0	3.7857	0	0.0294	-0.0007	0.0287
225	10.3	10.6	1.0004	2.7856	0	3.786	0	0.0248	-0.001	0.0238
226	9.98	10.7	1.0004	2.7859	0	3.7863	0	0.0275	0	0.0275
227	10.3	10.7	1.0004	2.7861	0	3.7865	0	0.0218	0	0.0218
228	10.8	10.7	1.0004	2.7864	0	3.7868	0	0.019	-0.0003	0.0187
229	11	10.7	1.0003	2.7871	0	3.7874	0	0.0193	-0.0006	0.0186
230	10.8	10.7	1.0002	2.7875	0	3.7878	0	0.0096	0	0.0096
231	10.7	10.7	1.0002	2.7877	0	3.7879	0	0.012	-0.0005	0.0115
232	10.6	10.7	1.0003	2.7871	0	3.7874	0.0004	0.015	0	0.0154
233	11.3	10.7	1	2.7871	0.0001	3.7872	0.001	0.019	0.001	0.021
234	10.8	10.7	0.9998	2.7871	0	3.787	0.001	0.0226	0.001	0.0246
235	11	10.7	0.9999	2.7872	0.0001	3.7872	0.001	0.028	0.001	0.03
236	10.7	10.7	1	2.7868	0	3.7868	0.001	0.0336	0.001	0.0356
237	10.8	10.7	1.0001	2.7863	0	3.7864	0.001	0.0347	0.001	0.0367
238	10.5	10.8	1.0002	2.7866	0	3.7868	0.001	0.042	0.001	0.044
239	10.9	10.7	1.0003	2.7869	0.0001	3.7872	0	0.0489	0.0009	0.0498
240	10.7	10.7	1.0002	2.7878	0	3.7881	0	0.0517	0	0.0517
241	10.5	10.8	1.0003	2.7881	0	3.7884	0	0.0403	0	0.0403
242	10.8	10.8	1.0003	2.7881	0	3.7884	0	0.0424	0	0.0424
243	10.8	10.7	1.0002	2.7884	0	3.7886	0	0.0518	0.0005	0.0523
244	10.4	10.7	1.0002	2.7884	0	3.7886	0	0.0556	0.0008	0.0564
245	10.5	10.7	1.0002	2.7877	0	3.7879	0	0.0429	-0.0007	0.0422
246	10.5	10.7	1.0003	2.7879	0	3.7882	0	0.0399	-0.001	0.0389
247	11	10.7	1.0003	2.7879	0	3.7882	0.0009	0.0347	-0.0001	0.0355
248	10.7	10.7	1.0003	2.7882	0	3.7885	0.0001	0.023	0	0.0231
249	10.8	10.7	1.0003	2.7883	0	3.7886	0	0.017	-0.001	0.0161
250	10.9	10.7	1.0004	2.7891	0	3.7895	0	0.0166	-0.001	0.0156

251	10.9	10.7	1.0004	2.7894	0	3.7898	0	0.0173	-0.001	0.0163
252	10.7	10.7	1.0004	2.7892	0	3.7896	0	0.0268	-0.0004	0.0264
253	10.5	10.7	1.0004	2.789	0	3.7894	0	0.0262	0	0.0262
254	10.5	10.7	1.0004	2.7885	0	3.7889	0	0.0222	0	0.0222
255	10.3	10.7	1.0004	2.7881	0	3.7885	0	0.0296	0	0.0296
256	11	10.7	1.0004	2.7874	0	3.7878	0	0.0385	0	0.0385
257	10.9	10.7	1.0004	2.7874	0	3.7878	0	0.0388	0	0.0388
258	10.4	10.6	1.0004	2.7869	0	3.7873	0	0.0367	0.0007	0.0374
259	10.4	10.6	1.0004	2.787	0	3.7874	0	0.0289	0.0002	0.0291
260	10.6	10.6	1.0005	2.7872	0	3.7877	0	0.0255	0	0.0255
261	10.6	10.6	1.0005	2.7872	0	3.7877	0	0.0133	0	0.0133
262	10.7	10.6	1.0005	2.7871	-0.0001	3.7875	0	0.0075	-0.0007	0.0068
263	11	10.6	1.0004	2.7869	-0.0001	3.7872	0	-0.003	-0.001	-0.004
264	10.8	10.6	1.0004	2.7864	-0.0001	3.7867	0	-0.0037	-0.0003	-0.004
265	10.4	10.6	1.0004	2.7867	-0.0001	3.787	0	-0.0065	0	-0.0065
266	10.4	10.6	1.0004	2.7869	-0.0001	3.7872	0	0.0054	0	0.0054
267	9.98	10.5	1.0004	2.7867	-0.0001	3.787	0	0.0196	0	0.0196
268	10.3	10.5	1.0004	2.7862	-0.0001	3.7865	0	0.0168	-0.0016	0.0152
269	10.2	10.6	1.0004	2.7865	-0.0001	3.7868	0	0.0156	-0.0003	0.0154
270	10.7	10.5	1.0003	2.7863	-0.0001	3.7865	-0.001	0.0244	0	0.0234
271	11	10.5	1.0003	2.786	-0.0001	3.7862	-0.001	0.0222	0	0.0212
272	10.9	10.5	1.0004	2.786	-0.0001	3.7862	-0.0008	0.0229	-0.001	0.0211
273	10.6	10.5	1.0004	2.7853	0	3.7857	-0.0001	0.03	-0.0001	0.0297
274	10.4	10.5	1.0004	2.7852	0	3.7856	-0.001	0.0286	-0.001	0.0266
275	10.3	10.5	1.0004	2.785	0	3.7854	-0.001	0.03	-0.001	0.028
276	10.2	10.6	1.0004	2.7857	0	3.7861	-0.0006	0.0342	-0.0006	0.0331
277	10.7	10.6	1.0004	2.786	0	3.7864	0	0.0281	0	0.0281
278	10.7	10.6	1.0004	2.7854	0	3.7858	0	0.0248	0	0.0248
279	10.4	10.7	1.0004	2.786	0	3.7864	-0.0003	0.0269	0	0.0266
280	10.5	10.7	1.0004	2.7857	0	3.7861	-0.0009	0.0356	0	0.0347
281	10.3	10.7	1.0004	2.7855	0	3.7858	-0.0018	0.0422	0	0.0404
282	10.6	10.7	1.0003	2.7853	-0.0001	3.7855	-0.002	0.044	0	0.042
283	11.2	10.7	1.0003	2.785	-0.0001	3.7852	-0.0021	0.0428	0	0.0407
284	11	10.7	1.0003	2.7846	-0.0001	3.7848	-0.0051	0.0414	0.0009	0.0372
285	10.8	10.7	1.0003	2.7838	-0.0001	3.784	-0.0058	0.0454	0.0002	0.0399
286	10.8	10.8	1.0003	2.7838	-0.0001	3.784	-0.0048	0.0543	0.0008	0.0503
287	10.4	10.8	1.0003	2.7832	-0.0001	3.7834	-0.0038	0.0631	0	0.0593

288	11.2	10.7	1.0004	2.7826	-0.0001	3.7829	-0.0026	0.069	0	0.0664
289	10.8	10.8	1.0004	2.7828	0	3.7832	-0.0015	0.0771	0	0.0755
290	11	10.8	1.0004	2.783	0	3.7834	-0.001	0.0832	0.0006	0.0828
291	10.8	10.8	1.0004	2.7828	0	3.7832	-0.0016	0.091	0.0004	0.0898
292	11.1	10.8	1.0004	2.7823	-0.0001	3.7826	-0.0013	0.0905	0	0.0892
293	10.7	10.8	1.0004	2.7821	-0.0001	3.7824	-0.001	0.084	0	0.083
294	10.9	10.7	1.0004	2.7829	0	3.7833	-0.0019	0.0867	0	0.0848
295	10.9	10.8	1.0004	2.7834	0	3.7838	-0.002	0.0827	0	0.0807
296	10.8	10.8	1.0003	2.7841	-0.0001	3.7844	-0.002	0.0751	0	0.0731
297	10.1	10.8	1.0004	2.7852	-0.0001	3.7855	-0.001	0.0683	0	0.0673
298	10.6	10.8	1.0004	2.7856	0	3.786	-0.001	0.0611	0	0.0601
299	10.8	10.8	1.0004	2.7856	0	3.786	-0.001	0.063	0	0.062
300	10.7	10.8	1.0004	2.7853	0	3.7857	-0.0007	0.0595	0	0.0588
301	10.4	10.8	1.0004	2.7842	0	3.7846	0	0.0611	0	0.0611
302	10.5	10.8	1.0004	2.7839	0	3.7843	0	0.0685	0	0.0685
303	10.9	10.8	1.0004	2.784	0	3.7844	0	0.0661	0	0.0661
304	11.1	10.8	1.0004	2.7836	0	3.784	0	0.0668	0	0.0668
305	10.7	10.7	1.0004	2.783	0	3.7834	0	0.074	0	0.074
306	11.4	10.7	1.0004	2.7831	0	3.7835	0	0.0615	0	0.0615
307	11.5	10.8	1.0004	2.7831	-0.0001	3.7834	0	0.0521	0	0.0521
308	11	10.7	1.0004	2.7833	0	3.7837	0	0.0505	0	0.0505
309	10.8	10.7	1.0004	2.7836	0	3.784	0	0.047	0	0.047
310	10.5	10.7	1.0004	2.7847	0	3.7851	0.0001	0.0483	0	0.0484
311	10.8	10.8	1.0004	2.7847	0	3.7851	0	0.049	0	0.049
312	11	10.8	1.0004	2.7855	0	3.7859	0	0.0437	0	0.0437
313	10.4	10.8	1.0004	2.7854	0	3.7858	0	0.0413	-0.0006	0.0407
314	10.2	10.8	1.0004	2.7851	0	3.7855	-0.0007	0.0399	-0.001	0.0382
315	10.6	10.8	1.0004	2.7845	0	3.7849	-0.001	0.0368	-0.001	0.0348
316	10.6	10.8	1.0004	2.7831	0	3.7835	-0.001	0.034	-0.001	0.032
317	10.2	10.7	1.0004	2.7826	0.0001	3.783	-0.001	0.0353	-0.001	0.0333
318	10.5	10.7	1.0004	2.7825	0	3.7829	-0.001	0.0346	-0.001	0.0326
319	10.9	10.7	1.0004	2.7821	0	3.7825	-0.001	0.0257	-0.001	0.0237
320	10.8	10.6	1.0004	2.7823	0	3.7827	-0.0003	0.0294	-0.001	0.0281
321	11.3	10.6	1.0004	2.7823	0.0001	3.7828	-0.001	0.0188	-0.001	0.0168
322	10.8	10.6	1.0004	2.7819	0	3.7824	-0.001	0.0164	-0.001	0.0144
323	11	10.5	1.0005	2.7822	0.0001	3.7828	-0.0004	0.0167	-0.001	0.0153
324	10.6	10.5	1.0005	2.7823	0.0001	3.7829	0	0.0058	-0.0003	0.0054

325	10.8	10.5	1.0005	2.7822	0.0001	3.7827	0	0.0047	0	0.0047
326	10.6	10.5	1.0004	2.7831	0	3.7835	0	0.0051	0	0.0051
327	10.6	10.5	1.0004	2.7836	0	3.784	-0.0006	0.0102	0	0.0097
328	10.5	10.5	1.0004	2.7837	0	3.7841	-0.0004	0.01	0	0.0096
329	9.83	10.5	1.0004	2.7836	0	3.784	0	0.006	0	0.006
330	10.1	10.4	1.0004	2.7833	0	3.7837	0	0.0129	0	0.0129
331	10	10.4	1.0004	2.7833	0	3.7837	0	0.0122	0	0.0122
332	10.1	10.3	1.0005	2.7828	0	3.7833	-0.0004	0.0126	-0.0004	0.0118
333	9.86	10.3	1.0005	2.783	0	3.7834	-0.001	0.0127	-0.001	0.0107
334	10.3	10.3	1.0004	2.7826	0	3.783	-0.001	0.0118	-0.001	0.0098
335	10.4	10.3	1.0004	2.7817	0	3.7821	-0.001	0.0143	-0.001	0.0123
336	10.3	10.3	1.0004	2.7805	0	3.7809	-0.001	0.0137	-0.001	0.0117
337	10.7	10.2	1.0004	2.7794	0	3.7798	-0.001	0.03	-0.001	0.028
338	10.4	10.2	1.0004	2.7789	0	3.7793	-0.001	0.0259	-0.001	0.0239
339	10.1	10.3	1.0004	2.7786	0	3.779	0	0.0232	-0.0009	0.0223
340	10.5	10.3	1.0004	2.7787	0	3.7791	0	0.0267	0	0.0267
341	9.92	10.3	1.0004	2.7791	0	3.7795	0	0.0287	0	0.0287
342	10.4	10.3	1.0004	2.7797	0	3.7801	0	0.0287	0	0.0287
343	10.7	10.4	1.0004	2.7797	0	3.7801	0	0.0162	-0.0005	0.0157
344	10.5	10.3	1.0004	2.7801	0	3.7805	0	0.0049	-0.001	0.0039
345	9.92	10.4	1.0004	2.7802	0	3.7806	0	0.0104	-0.0003	0.0101
346	10.1	10.4	1.0004	2.7811	0	3.7815	0	0.0115	0	0.0115
347	10.3	10.4	1.0004	2.7818	0	3.7822	-0.0009	0.0223	-0.0009	0.0205
348	10.5	10.4	1.0004	2.7819	0	3.7823	-0.0001	0.033	-0.001	0.0319
349	10.7	10.4	1.0004	2.7823	0	3.7827	0	0.0373	0	0.0372
350	10.3	10.5	1.0004	2.783	0	3.7834	0	0.0371	0	0.0371
351	9.97	10.5	1.0004	2.7826	0	3.783	0	0.0324	0	0.0324
352	10.7	10.6	1.0004	2.7826	0	3.783	0	0.0246	0	0.0246
353	10.2	10.6	1.0004	2.7824	0	3.7828	-0.0007	0.0196	-0.0007	0.0183
354	10.6	10.6	1.0004	2.7811	0	3.7815	-0.001	0.0217	-0.001	0.0197
355	11	10.6	1.0004	2.782	0	3.7824	-0.001	0.0214	-0.001	0.0194
356	10.3	10.7	1.0004	2.7822	0	3.7826	0	0.0071	-0.001	0.0061
357	10.2	10.7	1.0004	2.7823	0	3.7827	0	0.0067	0	0.0067
358	11.1	10.7	1.0004	2.7822	0	3.7826	0	0.0072	-0.0007	0.0064
359	11.2	10.7	1.0004	2.7822	0	3.7826	0	0.0065	-0.0002	0.0063
360	11.1	10.7	1.0005	2.7823	0	3.7828	0	0.0113	0	0.0113
361	11.1	10.7	1.0005	2.7828	0	3.7833	0	0.0214	0	0.0214

362	10.6	10.7	1.0005	2.7829	0	3.7834	0	0.0168	0	0.0168
363	10.8	10.8	1.0005	2.7829	0	3.7834	-0.0006	0.0226	0	0.022
364	10.7	10.8	1.0005	2.7827	0	3.7832	-0.001	0.0223	0	0.0213
365	10.8	10.7	1.0005	2.7833	0	3.7838	-0.001	0.0132	0	0.0122
366	10.7	10.8	1.0005	2.7834	0	3.7839	-0.001	0.0061	0	0.0051
367	10.8	10.8	1.0005	2.7832	0	3.7837	-0.001	-0.0103	0	-0.0113
368	11.3	10.8	1.0005	2.7836	0	3.7841	-0.001	-0.0144	0.0006	-0.0148
369	10.5	10.7	1.0004	2.7836	0	3.784	-0.001	-0.0194	0.0003	-0.0201
370	10.3	10.7	1.0004	2.7844	0	3.7848	-0.001	-0.0204	0	-0.0214
371	10.6	10.7	1.0004	2.7844	0	3.7848	-0.001	-0.009	0.0003	-0.0097
372	10.7	10.7	1.0004	2.7843	0	3.7847	-0.001	-0.0062	0.002	-0.0052
373	10.6	10.7	1.0004	2.7847	0	3.7851	-0.0009	-0.0122	0.0007	-0.0124
374	10.4	10.7	1.0004	2.7848	0	3.7852	0	-0.0099	0.001	-0.0089
375	10.7	10.7	1.0004	2.7845	0	3.7849	0	-0.0135	0.001	-0.0125
376	10.7	10.7	1.0005	2.7846	0	3.7851	-0.0004	-0.0179	0.0006	-0.0178
377	10.6	10.6	1.0004	2.785	0	3.7854	-0.001	-0.0096	0	-0.0106
378	10.6	10.6	1.0004	2.7848	0	3.7852	-0.001	-0.0069	0	-0.0079
379	10.6	10.6	1.0004	2.7847	0	3.7851	-0.001	-0.0052	0	-0.0062
380	10.8	10.6	1.0004	2.7845	0	3.7849	-0.0008	0.0002	0	-0.0006
381	10.9	10.6	1.0004	2.7842	0	3.7846	0	0.0002	0	0.0002
382	10.7	10.6	1.0004	2.784	0	3.7844	0	0.0015	0	0.0016
383	10.7	10.6	1.0004	2.7838	0	3.7842	0.001	-0.0008	0	0.0002
384	10.6	10.6	1.0004	2.7832	0	3.7836	0.0008	0.0036	0	0.0044
385	10.2	10.6	1.0004	2.7824	0	3.7828	0	-0.0003	0	-0.0003
386	10.6	10.6	1.0004	2.7808	0	3.7812	0	-0.0081	0	-0.0081
387	10.8	10.6	1.0004	2.7806	0	3.781	0	-0.0185	0	-0.0185
388	11	10.6	1.0004	2.7803	0	3.7807	-0.001	-0.0273	0	-0.0283
389	10.5	10.7	1.0004	2.7802	0	3.7806	-0.001	-0.033	0	-0.034
390	10.5	10.7	1.0004	2.7801	0	3.7805	-0.001	-0.0343	0	-0.0353
391	10.7	10.6	1.0004	2.7799	0	3.7803	-0.001	-0.034	0	-0.035
392	10.5	10.6	1.0004	2.7807	0	3.7811	-0.001	-0.0353	0	-0.0363
393	10.2	10.6	1.0004	2.7817	0	3.7821	-0.001	-0.0324	0	-0.0334
394	10.3	10.6	1.0004	2.7819	0	3.7823	-0.001	-0.0297	0	-0.0307
395	10.3	10.7	1.0004	2.7823	0	3.7827	-0.001	-0.0251	0	-0.0261
396	10.7	10.7	1.0004	2.7819	0	3.7823	-0.001	-0.0273	0	-0.0283
397	11.3	10.7	1.0004	2.7819	0	3.7823	-0.001	-0.0209	0	-0.0219
398	11.4	10.7	1.0004	2.7819	0	3.7823	-0.001	-0.0121	0	-0.0131

399	10.6	10.7	1.0004	2.7819	0	3.7823	-0.001	-0.0171	0	-0.0181
400	10.4	10.7	1.0004	2.7821	0	3.7825	-0.001	-0.0106	0	-0.0116
401	10.4	10.7	1.0004	2.7818	0	3.7822	-0.001	0.0018	0	0.0008
402	10.4	10.7	1.0005	2.7819	0.0001	3.7824	-0.001	0.0043	0	0.0033
403	11.1	10.8	1.0005	2.7819	0.0001	3.7825	-0.001	0.0074	0	0.0064
404	11.2	10.8	1.0005	2.7814	0.0001	3.782	-0.001	0.0055	0	0.0045
405	10.6	10.8	1.0004	2.7823	0.0001	3.7828	-0.001	-0.0054	0	-0.0064
406	10.7	10.8	1.0004	2.7824	0	3.7828	-0.001	0.0003	0	-0.0007
407	10.8	10.8	1.0004	2.7824	0	3.7828	-0.001	-0.0032	0	-0.0042
408	11.1	10.8	1.0004	2.7827	0	3.7831	-0.001	-0.0065	0	-0.0075
409	10.9	10.8	1.0004	2.7824	0	3.7828	-0.001	-0.0106	0	-0.0116
410	10.6	10.8	1.0004	2.7826	0	3.783	-0.0008	-0.012	0	-0.0129
411	10.7	10.8	1.0004	2.783	0	3.7834	0	-0.0073	0	-0.0073
412	11	10.8	1.0005	2.7832	0	3.7837	0	-0.0008	0	-0.0008
413	10.6	10.8	1.0005	2.7832	0	3.7837	0	-0.0025	0	-0.0025
414	10.6	10.8	1.0005	2.7838	0	3.7843	0	-0.0029	0	-0.0029
415	10.8	10.8	1.0005	2.7838	0	3.7843	0	-0.0047	0	-0.0047
416	10.7	10.8	1.0005	2.7842	0	3.7847	0	0.0073	0	0.0073
417	11.2	10.8	1.0005	2.784	0	3.7845	0	0.0162	0	0.0162
418	11	10.8	1.0005	2.7844	0	3.7849	0	0.0205	0	0.0205
419	10.8	10.8	1.0005	2.7841	0	3.7846	0	0.0285	0	0.0285
420	10.7	10.8	1.0005	2.7832	0	3.7837	-0.0005	0.0306	0	0.0301
421	11	10.9	1.0005	2.7829	-0.0001	3.7833	0	0.0367	0	0.0367
422	10.8	10.9	1.0005	2.7832	-0.0001	3.7836	-0.0004	0.0311	0	0.0307
423	10.6	10.9	1.0005	2.7832	0	3.7837	-0.001	0.0231	0	0.0221
424	11.2	10.9	1.0005	2.7836	0	3.7841	-0.001	0.0201	0	0.0191
425	10.9	10.9	1.0005	2.784	0	3.7845	-0.001	0.0156	0	0.0146
426	10.8	10.9	1.0005	2.7841	0	3.7846	-0.001	0.0077	0	0.0067
427	10.9	10.9	1.0005	2.7843	0	3.7848	-0.0004	0.009	0	0.0086
428	10.9	10.9	1.0005	2.7842	0	3.7847	-0.0006	0.0114	0	0.0109
429	10.7	10.9	1.0005	2.7835	0	3.784	-0.001	0.0118	0	0.0108
430	11.1	10.9	1.0004	2.7833	0	3.7837	-0.001	0.0195	0	0.0185
431	11.2	10.8	1.0004	2.7831	0	3.7835	-0.001	0.0231	0	0.0221
432	11	10.8	1.0004	2.7829	0	3.7833	-0.001	0.0226	0	0.0216
433	10.9	10.8	1.0004	2.7826	0	3.783	-0.001	0.0196	0	0.0186
434	10.6	10.8	1.0004	2.7826	0	3.783	-0.001	0.0137	0	0.0127
435	11.2	10.7	1.0004	2.7825	0	3.7829	-0.001	-0.002	0	-0.003

436	11	10.7	1.0004	2.7823	0	3.7827	-0.001	-0.0091	0	-0.0101
437	10.4	10.7	1.0005	2.7821	0	3.7826	-0.001	-0.0186	0	-0.0196
438	10.6	10.6	1.0005	2.7822	0	3.7827	-0.001	-0.0125	0	-0.0135
439	10.4	10.7	1.0005	2.782	0	3.7825	-0.001	-0.0131	0	-0.0141
440	10.4	10.6	1.0005	2.7821	0	3.7826	-0.001	-0.0143	0	-0.0153
441	10.5	10.6	1.0005	2.7826	0	3.7831	-0.001	-0.0106	0	-0.0116
442	10.3	10.5	1.0005	2.7829	0	3.7834	-0.001	-0.0018	0	-0.0028
443	10.3	10.5	1.0005	2.7827	0	3.7832	-0.001	0.0037	0	0.0027
444	10.1	10.5	1.0005	2.7826	0	3.7831	-0.001	0.0196	0	0.0186
445	10.4	10.5	1.0005	2.7829	0	3.7834	-0.001	0.0295	0	0.0285
446	10.2	10.4	1.0005	2.7832	0	3.7837	-0.001	0.0371	0	0.0361
447	10.7	10.5	1.0005	2.783	0	3.7835	-0.001	0.0345	0	0.0335
448	10.9	10.4	1.0005	2.7836	0	3.7841	-0.001	0.0365	0	0.0355
449	10.4	10.5	1.0005	2.7834	0	3.7839	-0.001	0.0334	0	0.0324
450	10.4	10.5	1.0005	2.7828	0	3.7833	-0.001	0.0292	0	0.0282
451	10.3	10.5	1.0005	2.7821	0	3.7826	-0.001	0.0295	0	0.0285
452	10.6	10.5	1.0005	2.7819	0	3.7824	-0.001	0.0276	0	0.0266
453	10.2	10.6	1.0005	2.7818	0	3.7823	-0.0003	0.0259	0.0007	0.0262
454	10.3	10.6	1.0005	2.7817	0	3.7822	0	0.0244	0.001	0.0254
455	10.9	10.6	1.0005	2.782	0	3.7825	0	0.0144	0.001	0.0154
456	10.5	10.6	1.0005	2.7825	0	3.783	-0.001	0.0233	0.001	0.0233
457	10.5	10.7	1.0005	2.7829	0	3.7834	-0.001	0.0213	0	0.0203
458	10.6	10.6	1.0005	2.7833	0	3.7838	-0.001	0.0208	0	0.0198
459	10.5	10.6	1.0005	2.7834	0	3.7839	-0.001	0.0149	0	0.0139
460	11.3	10.6	1.0005	2.7831	0	3.7836	-0.001	0.0125	0	0.0115
461	10.6	10.6	1.0005	2.7829	0	3.7834	-0.001	0.016	0	0.015
462	11.1	10.6	1.0005	2.7832	0	3.7837	-0.001	0.0247	0	0.0237
463	11.2	10.6	1.0005	2.7832	0	3.7837	-0.0004	0.0285	0	0.0281
464	10.5	10.7	1.0005	2.7832	0	3.7837	0	0.0304	0	0.0304
465	10.6	10.7	1.0005	2.7826	0	3.7831	0	0.0377	0	0.0377
466	10.9	10.7	1.0005	2.7817	0	3.7822	0	0.0342	0	0.0342
467	10.3	10.7	1.0005	2.7812	0	3.7817	0	0.0285	0	0.0285
468	10.6	10.7	1.0005	2.7807	0	3.7812	0	0.0234	0	0.0234
469	10.3	10.6	1.0005	2.7805	0	3.781	0	0.0233	0	0.0233
470	10.3	10.6	1.0004	2.7807	0	3.7811	0	0.0223	0	0.0223
471	10.5	10.6	1.0004	2.7812	0	3.7817	0	0.0165	-0.0003	0.0162
472	10.6	10.6	1.0005	2.782	0	3.7825	0	0.0159	-0.001	0.0149

473	10.8	10.5	1.0005	2.7827	0	3.7832	0	0.0175	-0.0005	0.017
474	10.5	10.5	1.0005	2.7832	0	3.7837	0	0.0095	0	0.0095
475	10.9	10.6	1.0005	2.7838	0	3.7843	0	0.0124	0	0.0124
476	10.7	10.6	1.0005	2.7837	0	3.7842	0	0.0195	0	0.0195
477	10.3	10.6	1.0005	2.7838	0	3.7843	0	0.0267	0	0.0267
478	10.2	10.6	1.0005	2.7836	0	3.7841	0	0.0305	0	0.0305
479	10.3	10.6	1.0005	2.7827	0	3.7832	0	0.0261	0	0.0261
480	10.4	10.6	1.0005	2.7822	0	3.7827	-0.0002	0.0243	0	0.0241
481	10.7	10.6	1.0005	2.782	0	3.7825	-0.001	0.0323	0	0.0313
482	10.7	10.7	1.0005	2.7821	0	3.7826	-0.001	0.0381	0	0.0371
483	10.7	10.6	1.0005	2.7824	0	3.7829	-0.001	0.0431	0	0.0421
484	11	10.6	1.0005	2.7834	0	3.7839	-0.001	0.046	0	0.045
485	11	10.6	1.0005	2.7833	0	3.7838	-0.001	0.0445	0	0.0435
486	10.9	10.6	1.0005	2.7826	0	3.7831	-0.001	0.0406	0	0.0396
487	10.4	10.6	1.0005	2.7819	0	3.7824	-0.001	0.0312	0	0.0302
488	10.8	10.6	1.0005	2.7816	0	3.7821	0	0.0232	0	0.0232
489	10.7	10.6	1.0005	2.7816	0	3.7821	0	0.0214	0	0.0214
490	10.6	10.6	1.0005	2.7812	0	3.7817	0	0.0166	0	0.0166
491	10.8	10.6	1.0005	2.7801	0	3.7806	0	0.0159	0	0.0159
492	10.1	10.6	1.0005	2.7803	0	3.7808	0	0.0211	0	0.0211
493	10.2	10.5	1.0005	2.7797	0	3.7802	0	0.0262	0	0.0262
494	10.6	10.5	1.0005	2.7789	0	3.7794	0	0.0187	0	0.0187
495	10.3	10.5	1.0005	2.7786	0	3.7791	0	0.0213	0	0.0213
496	10.1	10.4	1.0005	2.7785	0	3.779	0	0.0229	0	0.0229
497	10.5	10.4	1.0005	2.7783	0	3.7788	0	0.0252	0	0.0252
498	10.8	10.4	1.0005	2.7785	0	3.779	0	0.0177	0	0.0177
499	10.8	10.4	1.0005	2.779	0	3.7795	0	0.0178	0	0.0178
500	10.1	10.4	1.0005	2.7791	0	3.7796	0	0.0173	0	0.0173
501	10.3	10.4	1.0005	2.779	0	3.7795	0	0.0164	0	0.0164
502	10.2	10.4	1.0005	2.7793	0	3.7798	0	0.0139	0	0.0139
503	10.4	10.4	1.0005	2.7794	0	3.7799	0	0.0188	0	0.0188
504	10.4	10.4	1.0005	2.78	0	3.7805	0	0.0269	0	0.0269
505	9.96	10.4	1.0005	2.78	0	3.7805	0	0.0326	0	0.0326
506	10.4	10.4	1.0005	2.7803	0	3.7808	0	0.0483	0	0.0483
507	10.2	10.4	1.0005	2.7803	0	3.7808	0	0.0591	0	0.0591
508	10.6	10.4	1.0005	2.7812	0	3.7817	0	0.0671	0	0.0671
509	10.2	10.4	1.0005	2.7812	0	3.7817	0	0.0695	0	0.0695

510	10.7	10.5	1.0005	2.781	0	3.7815	0	0.0674	0	0.0674
511	10.5	10.5	1.0005	2.7806	0	3.7811	0	0.0602	0	0.0602
512	10.4	10.5	1.0005	2.7804	0	3.7809	0	0.0602	0	0.0602
513	10.3	10.5	1.0005	2.7802	0	3.7807	0	0.0647	0	0.0647
514	10.6	10.6	1.0005	2.78	0	3.7805	0	0.0665	0	0.0665
515	10.4	10.6	1.0005	2.7804	0	3.7809	0	0.0763	0	0.0763
516	10.6	10.6	1.0005	2.7813	0	3.7818	0	0.0816	0	0.0816
517	10.9	10.6	1.0005	2.7817	0	3.7822	0	0.0746	0	0.0746
518	10.8	10.6	1.0005	2.7821	0	3.7826	0	0.0695	0	0.0695
519	11.1	10.6	1.0005	2.7819	0	3.7824	0	0.0569	0	0.0569
520	11	10.6	1.0005	2.7815	0	3.782	-0.0005	0.0545	0	0.0541
521	10.4	10.6	1.0005	2.7813	0	3.7818	-0.001	0.0535	0	0.0525
522	10.3	10.6	1.0005	2.7814	0	3.7819	-0.0006	0.0632	0	0.0626
523	11.2	10.6	1.0005	2.7822	0	3.7827	0	0.0653	0	0.0653
524	10.1	10.5	1.0005	2.7824	0	3.7829	0	0.0694	0	0.0694
525	10.5	10.5	1.0005	2.782	0	3.7825	0	0.0768	0	0.0768
526	10.7	10.5	1.0005	2.7814	0	3.7819	0	0.0666	0	0.0666
527	10.8	10.5	1.0005	2.7812	0	3.7817	0	0.0622	0	0.0622
528	10.2	10.5	1.0005	2.7816	0	3.7821	0	0.0626	0	0.0626
529	10.5	10.5	1.0005	2.7811	0	3.7816	0	0.0602	0	0.0602
530	10.5	10.5	1.0005	2.7801	0	3.7806	0	0.0465	0	0.0465
531	10.6	10.5	1.0005	2.7793	0	3.7798	0	0.0461	0	0.0461
532	10	10.5	1.0005	2.7786	0	3.7791	0	0.0528	-0.0004	0.0524
533	9.72	10.5	1.0005	2.778	0	3.7785	0	0.0671	-0.0005	0.0665
534	10.2	10.5	1.0005	2.7782	0	3.7787	0	0.079	0	0.079
535	10.9	10.5	1.0005	2.7785	0	3.779	0	0.0879	0	0.0879
536	10.6	10.5	1.0005	2.7792	0	3.7797	0	0.084	0	0.084
537	10.8	10.5	1.0005	2.7798	0	3.7803	0	0.0751	0	0.0751
538	10.8	10.5	1.0005	2.7801	0	3.7806	0	0.0656	-0.0005	0.0651
539	10.5	10.4	1.0005	2.7803	0	3.7808	0	0.0673	-0.001	0.0663
540	10.7	10.4	1.0005	2.7805	0	3.781	0	0.0681	-0.0005	0.0676
541	10.6	10.4	1.0005	2.7805	0	3.781	0	0.0612	0	0.0612
542	10.2	10.4	1.0005	2.7803	0	3.7808	0	0.0447	0	0.0447
543	10.5	10.5	1.0005	2.7808	0	3.7813	0	0.0405	0	0.0405
544	10.7	10.5	1.0005	2.7805	0	3.781	0	0.0232	0	0.0232
545	10.4	10.5	1.0005	2.7806	0	3.7811	0	0.0023	0	0.0023
546	10.4	10.5	1.0005	2.7806	0	3.7811	0	-0.005	0	-0.005

547	10.2	10.5	1.0005	2.7813	0	3.7818	0	-0.0113	0	-0.0113
548	10.2	10.5	1.0005	2.7818	0	3.7823	0	-0.0114	0	-0.0114
549	10.2	10.5	1.0005	2.7817	0	3.7822	0	-0.0132	0	-0.0132
550	10.4	10.4	1.0005	2.7812	0	3.7817	0	-0.0146	0	-0.0146
551	10.3	10.4	1.0005	2.7807	0	3.7812	0	-0.0131	0	-0.0131
552	11	10.5	1.0005	2.78	0	3.7805	0	-0.015	0	-0.015
553	10.8	10.5	1.0005	2.7791	0	3.7796	0	-0.0176	0	-0.0176
554	10.5	10.5	1.0005	2.7784	0	3.7789	0	-0.0141	0	-0.0141
555	10.4	10.5	1.0005	2.7771	0	3.7776	0	-0.0112	0	-0.0112
556	10.6	10.5	1.0005	2.7766	0	3.7771	0	-0.0036	0	-0.0036
557	10.2	10.5	1.0005	2.7762	0	3.7767	0	0.0112	0	0.0112
558	10.3	10.6	1.0005	2.7763	0	3.7768	0	0.0113	0	0.0113
559	10.4	10.6	1.0005	2.7766	0	3.7771	0	0.021	0	0.021
560	10.4	10.5	1.0005	2.777	0	3.7775	0	0.0192	0	0.0192
561	10.7	10.5	1.0005	2.7769	0	3.7774	0	0.019	0	0.019
562	10.9	10.5	1.0005	2.7767	0	3.7772	-0.0006	0.0166	0	0.0159
563	10.5	10.5	1.0005	2.7766	0	3.7771	-0.001	0.0124	0	0.0114
564	10.7	10.5	1.0005	2.7755	0	3.776	-0.001	0.0101	0	0.0091
565	10.8	10.5	1.0005	2.7744	0	3.7749	-0.0001	0.0117	0	0.0116
566	10.9	10.6	1.0005	2.7743	0	3.7748	0	0.0236	0	0.0236
567	10.7	10.6	1.0005	2.7742	0	3.7747	0	0.0286	0	0.0286
568	10.1	10.6	1.0005	2.7751	0	3.7756	0	0.0344	0	0.0344
569	10.2	10.6	1.0005	2.775	0	3.7755	0	0.0273	0	0.0273
570	10.1	10.6	1.0005	2.7754	0	3.7759	0	0.0247	0	0.0247
571	10.8	10.6	1.0005	2.7749	0	3.7754	0	0.0144	0	0.0144
572	10.6	10.6	1.0005	2.7755	0	3.776	0	0.0083	0	0.0083
573	10.6	10.6	1.0005	2.7758	0	3.7763	0	0.0125	0	0.0125
574	10.9	10.6	1.0005	2.7755	0	3.776	0	0.0147	0	0.0147
575	10.8	10.6	1.0005	2.7771	0	3.7776	0	0.0142	0	0.0142
576	10.6	10.6	1.0005	2.7775	0	3.778	0	0.0143	0	0.0143
577	10.5	10.6	1.0005	2.7776	0	3.7781	0	0.0152	0	0.0152
578	10.4	10.6	1.0005	2.7776	0	3.7781	0	0.0163	0	0.0163
579	10.3	10.6	1.0005	2.7781	0	3.7786	0	0.0237	0	0.0237
580	10.9	10.6	1.0005	2.7776	0	3.7781	0	0.0199	0	0.0199
581	11	10.6	1.0005	2.7767	0	3.7772	0	0.0087	0	0.0087
582	10.6	10.6	1.0005	2.7754	0.0001	3.7759	0	0.0033	0	0.0033
583	10.8	10.6	1.0005	2.7745	0	3.775	0	-0.0031	0	-0.0031

584	10.8	10.6	1.0005	2.7746	0	3.7751	0	-0.0073	0	-0.0073
585	10.5	10.6	1.0005	2.7749	0	3.7754	0	-0.0044	0	-0.0044
586	10.3	10.6	1.0005	2.7751	0	3.7756	0	-0.0004	0	-0.0004
587	10.1	10.6	1.0005	2.7753	0.0001	3.7758	0	-0.0001	0	-0.0001
588	10.3	10.6	1.0005	2.7749	0.0001	3.7755	0	0.0048	0	0.0048
589	10.4	10.7	1.0005	2.7748	0.0001	3.7753	0	0.0076	0	0.0076
590	10.3	10.6	1.0005	2.775	0	3.7755	0	0.0104	0	0.0104
591	10.5	10.6	1.0005	2.7757	0	3.7762	0	0.0091	0	0.0091
592	10.7	10.6	1.0005	2.7763	0	3.7768	0	0.0034	0.0004	0.0038
593	10.9	10.6	1.0005	2.7774	0	3.7779	0	0.0026	0.0005	0.0031
594	10.8	10.6	1.0005	2.7787	0	3.7792	0.0006	0.0044	0	0.005
595	10.9	10.6	1.0005	2.7791	0	3.7796	0.001	-0.001	0	0
596	11.1	10.6	1.0005	2.7796	0	3.7801	0.001	0	0.0007	0.0017
597	10.9	10.7	1.0005	2.7794	0	3.7799	0.001	0.0019	0.001	0.0039
598	10.8	10.7	1.0005	2.7799	0	3.7804	0.001	0.0109	0.0002	0.0121
599	10.5	10.7	1.0005	2.7804	0	3.7809	0.001	0.022	0.0009	0.0239
600	10.4	10.7	1.0005	2.7804	0	3.7809	0.001	0.0198	0.0001	0.0209
601	10.6	10.8	1.0005	2.7805	0	3.781	0.001	0.008	0	0.009
602	10.3	10.8	1.0005	2.7811	0	3.7816	0.001	0.0043	0	0.0053
603	11.5	10.8	1.0005	2.7808	0	3.7813	0.001	-0.0044	0	-0.0034
604	10.4	10.8	1.0005	2.7811	0	3.7816	0.001	-0.0172	0	-0.0162
605	10.7	10.8	1.0005	2.7803	0	3.7808	0.001	-0.0263	0	-0.0253
606	10.5	10.8	1.0005	2.7792	0	3.7797	0.001	-0.0399	0	-0.0389
607	10.6	10.8	1.0005	2.7792	0	3.7797	0.001	-0.0419	0	-0.0409
608	11	10.7	1.0005	2.7791	0	3.7796	0.001	-0.0436	0	-0.0426
609	10.9	10.7	1.0005	2.7793	0	3.7798	0.001	-0.0439	0	-0.0429
610	11.2	10.7	1.0005	2.7791	0	3.7796	0.001	-0.0405	0	-0.0395
611	11.1	10.7	1.0006	2.7789	0	3.7795	0.001	-0.0391	0	-0.0381
612	10.6	10.7	1.0006	2.7792	0	3.7798	0.001	-0.0438	0	-0.0428
613	10.9	10.6	1.0006	2.7791	0	3.7797	0.001	-0.0446	0	-0.0436
614	10.9	10.6	1.0005	2.7788	0	3.7793	0.001	-0.0441	0	-0.0431
615	11	10.6	1.0005	2.7781	0	3.7786	0.001	-0.0536	0	-0.0526
616	10.7	10.6	1.0005	2.7785	0	3.779	0.001	-0.0624	0	-0.0614
617	10.5	10.6	1.0005	2.7782	0	3.7787	0.0002	-0.0582	0	-0.058
618	10.5	10.6	1.0005	2.7793	0	3.7798	0	-0.0569	0	-0.0569
619	10	10.5	1.0005	2.7794	0	3.7799	0	-0.0494	0	-0.0494
620	10.4	10.5	1.0005	2.7801	0	3.7806	0	-0.0555	0	-0.0555

621	9.86	10.4	1.0005	2.7805	0	3.781	0	-0.0562	0	-0.0562
622	10.2	10.4	1.0005	2.7802	0	3.7807	0	-0.0617	0	-0.0617
623	10.4	10.4	1.0005	2.7807	0	3.7812	0	-0.0543	0	-0.0543
624	11	10.4	1.0005	2.781	0	3.7815	0	-0.0506	0	-0.0506
625	10.1	10.3	1.0005	2.7806	0	3.7811	0	-0.049	0	-0.049
626	10.4	10.3	1.0005	2.7799	0	3.7804	0	-0.0256	0	-0.0256
627	10.2	10.3	1.0005	2.7796	0	3.7801	0	-0.0176	0	-0.0176
628	10.1	10.2	1.0005	2.7793	0	3.7798	0	-0.0089	0	-0.0089
629	10.2	10.2	1.0005	2.7791	0	3.7796	0	-0.0105	0	-0.0105
630	9.95	10.2	1.0005	2.7792	0	3.7797	0	-0.004	0	-0.004
631	10.5	10.2	1.0005	2.779	0	3.7795	0	-0.0074	0	-0.0074
632	10.7	10.3	1.0005	2.7789	0	3.7794	0	-0.0182	0.0004	-0.0178
633	10.1	10.3	1.0005	2.7787	0	3.7792	0	-0.0421	0.0005	-0.0416
634	10.7	10.2	1.0005	2.7786	0	3.7791	0	-0.0541	0	-0.0541
635	9.79	10.2	1.0005	2.7785	0	3.779	0	-0.0551	0	-0.0551
636	9.92	10.2	1.0005	2.7792	0	3.7797	0	-0.0547	0	-0.0547
637	9.73	10.2	1.0005	2.7793	0	3.7798	0	-0.0561	0	-0.0561
638	10.1	10.2	1.0005	2.7793	0	3.7798	0	-0.0541	0.0005	-0.0536
639	10.1	10.2	1.0005	2.7793	0	3.7798	0	-0.0542	0.001	-0.0532
640	10.3	10.3	1.0005	2.7796	0	3.7801	0	-0.0484	0.0005	-0.0479
641	10.5	10.3	1.0005	2.7802	0	3.7806	0	-0.0479	-0.001	-0.0489
642	10.6	10.3	1.0005	2.7801	-0.0001	3.7805	0	-0.0313	-0.001	-0.0323
643	10.5	10.3	1.0004	2.7803	0	3.7808	0	-0.024	-0.001	-0.025
644	10.1	10.3	1.0004	2.7806	0	3.781	0	-0.0109	-0.001	-0.0119
645	10.2	10.3	1.0004	2.7806	-0.0001	3.7809	0	0.0035	-0.001	0.0025
646	9.93	10.4	1.0004	2.7805	-0.0001	3.7808	0	0.0073	-0.001	0.0063
647	10.1	10.4	1.0004	2.7802	0	3.7805	0	0.0107	-0.001	0.0097
648	10.4	10.5	1.0004	2.7796	-0.0001	3.7799	0	0.0104	-0.001	0.0094
649	10.8	10.5	1.0004	2.7797	0	3.7801	0	0.0172	-0.001	0.0162
650	10.2	10.5	1.0004	2.7804	0	3.7808	0	0.0301	-0.001	0.0291
651	10.6	10.4	1.0004	2.7803	0	3.7807	0	0.0354	-0.001	0.0344
652	10.6	10.4	1.0004	2.7804	0	3.7808	0	0.0433	-0.001	0.0423
653	10.7	10.4	1.0004	2.7808	0	3.7812	0	0.0499	-0.001	0.0489
654	10.7	10.4	1.0004	2.781	0	3.7814	0	0.0434	-0.001	0.0424
655	10.8	10.4	1.0004	2.7811	0	3.7815	0	0.0473	-0.001	0.0463
656	10.6	10.4	1.0004	2.7808	0	3.7812	0	0.0386	-0.001	0.0376
657	10.8	10.4	1.0004	2.7806	0	3.781	-0.0003	0.0217	-0.001	0.0205

658	10.7	10.4	1.0004	2.7807	0	3.7811	-0.001	0.0153	-0.001	0.0133
659	10.1	10.4	1.0004	2.7807	0	3.7811	-0.001	0.018	-0.001	0.016
660	9.69	10.4	1.0004	2.7809	0	3.7813	-0.001	0.0205	-0.001	0.0185
661	10.3	10.4	1.0004	2.7813	0	3.7817	-0.001	0.0169	-0.001	0.0149
662	10.3	10.4	1.0004	2.7812	0	3.7816	-0.0004	0.0116	-0.001	0.0102
663	10.2	10.4	1.0004	2.781	0	3.7814	0	0.0123	-0.001	0.0113
664	10.1	10.4	1.0004	2.7809	0	3.7813	0	0.0121	-0.001	0.0111
665	10.2	10.4	1.0004	2.7807	0	3.7811	-0.0009	0.0056	-0.001	0.0037
666	10.5	10.4	1.0005	2.7801	0	3.7806	-0.001	-0.007	-0.001	-0.009
667	10.6	10.4	1.0005	2.7799	0	3.7804	-0.001	-0.0044	-0.001	-0.0064
668	9.96	10.4	1.0005	2.78	0	3.7805	-0.001	-0.0076	-0.001	-0.0096
669	10.9	10.4	1.0005	2.7806	0	3.7811	-0.001	-0.0054	-0.001	-0.0074
670	9.96	10.5	1.0005	2.781	0	3.7815	-0.001	-0.0022	-0.001	-0.0042
671	10.5	10.5	1.0005	2.7811	0	3.7816	-0.0002	0.0044	-0.001	0.0032
672	11	10.5	1.0005	2.7809	0	3.7814	0	0.0054	-0.001	0.0044
673	11.1	10.6	1.0005	2.7808	0	3.7813	0	0	-0.001	-0.001
674	11	10.6	1.0005	2.7804	0	3.7809	0	0.004	-0.001	0.003
675	10.5	10.6	1.0005	2.7797	0	3.7802	0	0.0014	-0.001	0.0004
676	10.5	10.6	1.0005	2.7793	0	3.7798	0	-0.0035	-0.001	-0.0045
677	10.2	10.6	1.0005	2.7785	0	3.779	0	-0.0086	-0.001	-0.0096
678	10.5	10.6	1.0005	2.7786	0	3.7791	0	-0.0159	-0.001	-0.0169
679	10.8	10.6	1.0005	2.7785	0	3.779	0	-0.0222	-0.0002	-0.0224
680	11.1	10.7	1.0005	2.7783	0	3.7788	0	-0.0239	0	-0.0239
681	10.8	10.6	1.0005	2.7785	0	3.779	0	-0.0186	0	-0.0186
682	10.5	10.6	1.0005	2.7796	0	3.7801	0	-0.0133	0	-0.0133
683	11	10.6	1.0005	2.7799	0	3.7804	0	-0.0038	0	-0.0039
684	10.6	10.6	1.0005	2.7801	0	3.7806	-0.001	0.0013	0	0.0003
685	10.1	10.6	1.0005	2.7804	0	3.7809	0	0.007	0	0.007
686	10.4	10.6	1.0005	2.7807	0	3.7812	0	0.0043	0	0.0043
687	10.4	10.6	1.0005	2.7807	0	3.7812	0	0.0118	0	0.0118
688	10.8	10.6	1.0005	2.7803	0	3.7808	0	0.011	0	0.011
689	10.7	10.6	1.0005	2.7796	0	3.7801	0	0.0095	0	0.0095
690	10.2	10.6	1.0005	2.7798	0.0001	3.7804	0	0.0057	0	0.0057
691	10.5	10.6	1.0005	2.7788	0.0001	3.7794	0	0.0067	0	0.0067
692	10.5	10.6	1.0005	2.7787	0.0001	3.7793	0	0.0111	-0.0004	0.0107
693	10.5	10.5	1.0005	2.7785	0.0001	3.7791	0	0.0142	-0.0005	0.0137
694	10.5	10.5	1.0005	2.7784	0.0001	3.779	-0.0006	0.021	0	0.0204

695	10.7	10.5	1.0005	2.7783	0.0001	3.7789	-0.001	0.0247	0	0.0237
696	10.7	10.5	1.0005	2.7785	0.0001	3.7791	-0.001	0.0272	-0.0007	0.0255
697	10.5	10.5	1.0005	2.7783	0.0001	3.7789	-0.001	0.0309	-0.001	0.0289
698	10.5	10.5	1.0005	2.7781	0.0001	3.7787	-0.001	0.0325	-0.0002	0.0313
699	10.7	10.5	1.0005	2.7774	0.0001	3.778	-0.001	0.0287	-0.0009	0.0268
700	11	10.5	1.0005	2.7769	0.0001	3.7775	-0.001	0.0338	-0.0001	0.0327
701	10.8	10.5	1.0005	2.7762	0.0001	3.7768	-0.001	0.0416	0	0.0406
702	10.1	10.5	1.0005	2.7761	0.0001	3.7767	-0.001	0.0383	0	0.0373
703	10.7	10.5	1.0005	2.7765	0.0001	3.7771	-0.001	0.0447	0	0.0437
704	10.2	10.5	1.0005	2.7764	0.0001	3.777	-0.001	0.0493	-0.001	0.0473
705	10	10.4	1.0005	2.7765	0.0001	3.7771	-0.001	0.0576	-0.001	0.0555
706	10.2	10.5	1.0005	2.777	0.0001	3.7776	-0.002	0.0618	-0.001	0.0588
707	10.4	10.5	1.0006	2.7776	0.0001	3.7783	-0.002	0.0617	-0.001	0.0587
708	10.3	10.5	1.0006	2.7773	0.0001	3.778	-0.002	0.0548	-0.0008	0.052
709	10.3	10.5	1.0006	2.7772	0.0001	3.7779	-0.002	0.0592	0	0.0572
710	10.4	10.5	1.0006	2.7774	0.0001	3.7781	-0.0017	0.059	0	0.0574
711	10.7	10.5	1.0006	2.7778	0.0001	3.7785	-0.0014	0.059	-0.0004	0.0572
712	10.3	10.5	1.0006	2.7779	0.0001	3.7786	-0.0015	0.0583	-0.0005	0.0562
713	10.2	10.5	1.0006	2.7779	0.0001	3.7786	-0.001	0.0523	-0.0005	0.0508
714	10.5	10.6	1.0006	2.7783	0.0001	3.779	-0.001	0.0454	-0.001	0.0434
715	10.8	10.6	1.0006	2.7788	0.0001	3.7795	-0.001	0.0437	-0.001	0.0417
716	10.7	10.6	1.0006	2.7789	0.0001	3.7796	-0.001	0.0431	-0.001	0.0411
717	10.9	10.7	1.0006	2.779	0.0001	3.7797	-0.0002	0.0387	-0.0005	0.038
718	10.9	10.7	1.0006	2.7799	0.0001	3.7806	0	0.0413	0	0.0413
719	10.9	10.7	1.0006	2.7796	0.0001	3.7803	0	0.0476	0	0.0476
720	10.8	10.7	1.0005	2.7797	0.0001	3.7803	0	0.0599	0	0.0599
721	10.9	10.7	1.0005	2.7799	0.0001	3.7805	0	0.0751	0	0.0751
722	10.7	10.7	1.0005	2.7802	0.0001	3.7808	0	0.0799	0	0.0799
723	11	10.7	1.0005	2.7803	0.0001	3.7809	0	0.0798	0	0.0798
724	10.4	10.7	1.0005	2.7808	0.0001	3.7814	0	0.0697	0	0.0697
725	10.8	10.7	1.0005	2.7809	0.0001	3.7815	0	0.0661	0	0.0661
726	11	10.7	1.0005	2.7808	0.0001	3.7814	0	0.0505	0	0.0505
727	10.7	10.7	1.0005	2.7812	0.0001	3.7818	0	0.0358	0	0.0358
728	10.4	10.6	1.0005	2.7815	0	3.782	0	0.0213	0	0.0213
729	10.3	10.6	1.0005	2.7815	0	3.782	0	0.0259	0	0.0259
730	10.2	10.6	1.0005	2.7811	0	3.7816	0	0.0207	0	0.0207
731	10.7	10.6	1.0005	2.7803	0	3.7808	0	0.0222	0	0.0222

732	10.6	10.6	1.0005	2.7793	0	3.7798	0	0.0224	0	0.0224
733	10.7	10.6	1.0006	2.7786	0	3.7792	0	0.0337	0	0.0337
734	10.5	10.7	1.0005	2.7779	0	3.7784	0	0.0351	0	0.0351
735	10.4	10.7	1.0005	2.7781	0	3.7786	0	0.0367	0	0.0367
736	10.6	10.6	1.0005	2.778	0	3.7785	0	0.0427	0	0.0427
737	10.7	10.6	1.0005	2.7782	0	3.7787	0	0.0466	0	0.0466
738	10.7	10.6	1.0005	2.7784	0	3.7789	0	0.0461	0	0.0461
739	10.7	10.6	1.0005	2.7787	0	3.7792	0	0.0394	-0.0009	0.0385
740	11.1	10.7	1.0005	2.7789	0	3.7794	0	0.0274	-0.0009	0.0265
741	10.8	10.6	1.0005	2.7791	0	3.7796	0	0.0354	0	0.0354
742	10.9	10.6	1.0005	2.7786	0	3.7791	0	0.0234	0	0.0234
743	11	10.6	1.0005	2.7782	0	3.7787	0	0.0185	0	0.0185
744	10.8	10.6	1.0005	2.7781	0	3.7786	0	0.0173	0	0.0173
745	10.4	10.6	1.0005	2.7779	0	3.7784	0	0.0201	0.0002	0.0202
746	10.3	10.6	1.0005	2.7774	0	3.7779	0	0.024	0.001	0.025
747	10.7	10.6	1.0005	2.7769	0	3.7774	0	0.0356	0.001	0.0366
748	10.5	10.6	1.0005	2.7767	0	3.7772	0	0.0328	0.001	0.0338
749	10.5	10.6	1.0005	2.7763	0	3.7768	0	0.0384	0.001	0.0394
750	10.1	10.5	1.0005	2.7762	0	3.7767	0	0.0288	0.0006	0.0294
751	10.8	10.5	1.0005	2.7765	0	3.777	0	0.0189	0	0.0189
752	10.7	10.4	1.0005	2.776	0	3.7765	0	0.0098	0.0004	0.0102
753	10.3	10.4	1.0005	2.7759	0.0001	3.7765	0	0.0104	0.001	0.0114
754	10.8	10.4	1.0005	2.7753	0.0001	3.7759	0	0.0142	0.001	0.0152
755	9.89	10.4	1.0006	2.7749	0.0001	3.7756	0	0.0155	0.001	0.0165
756	10.1	10.5	1.0006	2.7746	0.0001	3.7753	0	0.0179	0.0004	0.0183
757	10.6	10.4	1.0006	2.7751	0.0001	3.7758	0.0003	0.0207	0	0.0209
758	10.2	10.4	1.0006	2.7748	0	3.7754	0.001	0.0188	0.0006	0.0204
759	9.97	10.4	1.0006	2.7748	0	3.7754	0.001	0.0097	0.001	0.0117
760	10.1	10.4	1.0005	2.775	0	3.7756	0.001	0.0054	0.001	0.0074
761	10.6	10.4	1.0006	2.7754	0.0001	3.776	0.001	0.0049	0.001	0.0069
762	10.6	10.4	1.0005	2.7759	0	3.7765	0.001	0.0023	0.001	0.0043
763	10.5	10.4	1.0005	2.7764	0.0001	3.777	0.001	0.0097	0.001	0.0117
764	10.8	10.4	1.0005	2.7765	0.0001	3.7771	0.001	0.0133	0.001	0.0153
765	10.8	10.5	1.0005	2.7763	0.0001	3.7769	0.001	0.0198	0.001	0.0218
766	10.4	10.5	1.0005	2.7762	0	3.7768	0.001	0.0281	0.001	0.0301
767	10.4	10.5	1.0005	2.7758	0	3.7763	0.001	0.0309	0.001	0.0329
768	10.1	10.5	1.0005	2.7752	0	3.7757	0.001	0.0397	0.001	0.0417

769	10.4	10.5	1.0005	2.7746	0	3.7751	0.001	0.0567	0.001	0.0587
770	10.3	10.5	1.0005	2.7735	0	3.774	0.001	0.0481	0.001	0.0501
771	10.5	10.5	1.0005	2.7731	0	3.7736	0.0002	0.0532	0.0002	0.0536
772	10.8	10.5	1.0005	2.7729	0	3.7734	0	0.0645	0	0.0645
773	11	10.5	1.0005	2.7739	0	3.7744	0	0.0703	0.0007	0.071
774	10.8	10.5	1.0005	2.7738	0	3.7743	0	0.0685	0.001	0.0695
775	10.2	10.4	1.0005	2.7746	0	3.7751	0	0.0641	0.0001	0.0642
776	10.1	10.4	1.0005	2.7757	0	3.7762	0	0.0652	0	0.0652
777	10.5	10.4	1.0005	2.7763	0	3.7768	0	0.0628	0	0.0628
778	10.6	10.4	1.0005	2.776	0	3.7765	0	0.0645	0	0.0645
779	10.7	10.4	1.0005	2.7764	0	3.7769	0	0.0649	-0.0008	0.0641
780	10.5	10.4	1.0005	2.7761	0	3.7766	0	0.059	0	0.059
781	10.2	10.5	1.0005	2.7763	0	3.7768	0	0.0492	0	0.0492
782	10.2	10.5	1.0005	2.7762	0	3.7767	0	0.0322	0	0.0322
783	10	10.4	1.0005	2.7764	0	3.7769	0	0.0217	0	0.0217
784	10.6	10.4	1.0005	2.7764	0	3.7769	0.001	0.0101	0	0.0111
785	10.3	10.4	1.0005	2.7761	0	3.7766	0	-0.0059	0	-0.0059
786	10.4	10.5	1.0005	2.7761	0	3.7766	0	-0.0035	0	-0.0035
787	10.5	10.5	1.0005	2.7761	0	3.7766	0	-0.0014	-0.0001	-0.0015
788	10.1	10.5	1.0005	2.7764	0.0001	3.777	0	0.0014	-0.001	0.0004
789	10.5	10.5	1.0005	2.7769	0.0001	3.7775	-0.0002	-0.0002	-0.001	-0.0013
790	10.9	10.5	1.0005	2.7763	0.0001	3.7769	-0.001	0.0058	-0.001	0.0038
791	10.6	10.5	1.0005	2.7764	0.0001	3.777	-0.001	0.0109	-0.001	0.0089
792	10.3	10.6	1.0005	2.7768	0.0001	3.7774	-0.001	0.0166	-0.001	0.0146
793	10.4	10.6	1.0005	2.7767	0.0001	3.7773	-0.001	0.0124	-0.001	0.0104
794	10.6	10.6	1.0005	2.7764	0.0001	3.7769	-0.001	0.0091	-0.0009	0.0072
795	11	10.6	1.0005	2.7759	0	3.7764	-0.001	0.008	0	0.007
796	10.8	10.6	1.0005	2.775	0	3.7755	-0.0007	0.0105	0	0.0098
797	11	10.6	1.0005	2.7751	0	3.7756	0	0.003	0	0.003
798	10.9	10.7	1.0005	2.7743	0	3.7748	0	-0.001	0	-0.001
799	10.8	10.7	1.0005	2.7745	0	3.7751	0	-0.0063	0	-0.0063
800	10.5	10.7	1.0005	2.775	0.0001	3.7756	0	-0.0122	0	-0.0122
801	10.7	10.7	1.0005	2.7752	0.0001	3.7758	0	-0.014	0	-0.014
802	10.7	10.7	1.0005	2.7751	0	3.7756	0	-0.0134	0	-0.0134
803	10.4	10.8	1.0005	2.7751	0	3.7756	0	-0.0163	0	-0.0163
804	10.3	10.8	1.0005	2.7749	0	3.7754	0	-0.0186	0.001	-0.0177
805	10.7	10.8	1.0005	2.7747	0.0001	3.7752	0	-0.0251	0.001	-0.0241

806	11	10.8	1.0005	2.7749	0.0001	3.7755	0.001	-0.0286	0.001	-0.0266
807	11.2	10.8	1.0005	2.7758	0	3.7763	0.001	-0.0304	0.001	-0.0285
808	10.7	10.7	1.0005	2.7763	0	3.7768	0	-0.0194	0.0008	-0.0186
809	10.4	10.7	1.0005	2.7767	0	3.7772	0	-0.0181	-0.0001	-0.0182
810	10.8	10.8	1.0005	2.7769	0	3.7774	-0.0001	-0.0118	-0.0008	-0.0126
811	11.1	10.8	1.0005	2.7775	0	3.778	0.0001	-0.0129	0.0001	-0.0127
812	10.8	10.8	1.0005	2.777	0	3.7775	-0.0005	-0.0117	-0.0005	-0.0126
813	10.9	10.8	1.0005	2.7766	0	3.7771	-0.0005	-0.007	-0.0005	-0.008
814	10.7	10.8	1.0005	2.7763	0	3.7768	0	-0.0007	0	-0.0007
815	10.8	10.8	1.0005	2.7759	0	3.7764	0	0.0035	0	0.0035
816	10.8	10.8	1.0005	2.7758	0	3.7763	0	-0.0021	0	-0.0021
817	10.2	10.7	1.0005	2.775	0	3.7755	0	-0.0057	-0.0005	-0.0062
818	11.3	10.8	1.0005	2.7742	0	3.7747	-0.0007	-0.0057	-0.001	-0.0075
819	10.8	10.8	1.0005	2.7748	0	3.7753	-0.001	-0.0143	-0.001	-0.0163
820	10.8	10.8	1.0005	2.7743	0.0001	3.7749	-0.001	-0.0236	-0.0002	-0.0247
821	11.1	10.8	1.0005	2.7735	0.0001	3.7741	-0.001	-0.0334	0	-0.0344
822	10.7	10.8	1.0005	2.7731	0	3.7737	-0.0001	-0.0413	-0.0009	-0.0423
823	10.4	10.8	1.0005	2.7735	0	3.774	0	-0.0455	-0.001	-0.0465
824	10.6	10.8	1.0005	2.7744	0.0001	3.775	0	-0.0335	-0.001	-0.0345
825	10.5	10.7	1.0005	2.7744	0.0001	3.775	0	-0.0329	-0.001	-0.0339
826	10.8	10.7	1.0005	2.7745	0.0001	3.7751	0	-0.0217	-0.001	-0.0227
827	10.8	10.8	1.0005	2.7748	0.0001	3.7754	-0.001	-0.0149	-0.001	-0.0169
828	11.1	10.7	1.0005	2.775	0.0001	3.7756	-0.001	-0.0072	-0.001	-0.0092
829	11	10.7	1.0005	2.7756	0	3.7761	-0.001	-0.014	-0.001	-0.016
830	10.7	10.7	1.0005	2.7761	0	3.7766	-0.001	-0.0111	-0.001	-0.0131
831	10.6	10.7	1.0005	2.7771	0	3.7776	-0.001	-0.0114	-0.001	-0.0134
832	10.6	10.7	1.0005	2.7771	0	3.7776	-0.0006	-0.0075	-0.001	-0.0091
833	10.8	10.7	1.0005	2.7776	0	3.7781	-0.0005	-0.0033	-0.001	-0.0048
834	10.4	10.7	1.0005	2.7785	0	3.779	-0.001	0.0068	-0.001	0.0048
835	10.7	10.8	1.0005	2.7784	0	3.7789	-0.001	0.0092	-0.001	0.0072
836	10.7	10.8	1.0005	2.7782	0	3.7787	-0.001	0.0068	-0.001	0.0048
837	10.8	10.8	1.0005	2.7781	0.0001	3.7787	-0.001	0.0117	-0.001	0.0097
838	10.3	10.7	1.0005	2.7784	0.0001	3.779	-0.0003	0.0094	-0.0003	0.0087
839	11.1	10.7	1.0006	2.7782	0.0001	3.7789	-0.0007	0.0082	0.0009	0.0084
840	11.1	10.7	1.0006	2.7778	0.0001	3.7785	-0.0002	0.009	0.0002	0.009
841	10.6	10.7	1.0006	2.7774	0.0001	3.7781	-0.0009	0.0046	0	0.0037
842	10.7	10.7	1.0006	2.7774	0.0001	3.7781	-0.0001	0.0082	0	0.0082

843	11	10.7	1.0006	2.7773	0.0001	3.778	0	0.007	0	0.007
844	11	10.7	1.0006	2.7773	0	3.7779	0	0.0088	0	0.0088
845	11.3	10.7	1.0006	2.7768	0	3.7774	-0.0001	0.0075	-0.0002	0.0072
846	10.5	10.7	1.0005	2.7771	0	3.7776	-0.001	-0.0086	-0.001	-0.0106
847	10.4	10.7	1.0005	2.777	0	3.7775	-0.0009	-0.0189	-0.001	-0.0207
848	10.8	10.7	1.0005	2.7773	0	3.7778	0	-0.0141	-0.001	-0.0151
849	10.8	10.6	1.0005	2.7775	0	3.778	0	-0.0223	-0.001	-0.0233
850	10.5	10.6	1.0005	2.7776	0	3.7781	0	-0.0268	-0.0006	-0.0274
851	10.3	10.6	1.0005	2.7778	0	3.7783	0	-0.0272	0	-0.0272
852	10.8	10.6	1.0005	2.7776	0	3.7781	0	-0.0174	-0.0004	-0.0178
853	10.2	10.5	1.0005	2.7778	0	3.7783	0	-0.0101	-0.001	-0.0111
854	10.5	10.5	1.0005	2.7778	0	3.7783	0	-0.0093	-0.001	-0.0103
855	10.4	10.5	1.0005	2.7778	0	3.7783	0	-0.0094	-0.001	-0.0104
856	10.1	10.5	1.0005	2.7777	0	3.7782	0	-0.0078	-0.0004	-0.0083
857	10.4	10.5	1.0006	2.7771	0	3.7777	0	-0.0043	0	-0.0043
858	10.4	10.5	1.0006	2.7766	0	3.7772	0	-0.0018	-0.0006	-0.0023
859	10.2	10.5	1.0006	2.776	0.0001	3.7766	-0.0007	0.0039	-0.0003	0.0029
860	10.2	10.5	1.0005	2.7763	0	3.7769	-0.001	0.0071	0	0.0061
861	10.7	10.5	1.0006	2.7766	0.0001	3.7773	-0.001	0.0065	0	0.0055
862	10.7	10.5	1.0006	2.7766	0.0001	3.7773	-0.0001	0.0189	0	0.0188
863	10.8	10.5	1.0005	2.7765	0.0001	3.7771	0	0.0134	0	0.0134
864	10.7	10.5	1.0005	2.7762	0.0001	3.7768	0	0.0046	0	0.0046
865	10.5	10.6	1.0005	2.7766	0.0001	3.7772	-0.0002	-0.0021	0	-0.0022
866	11.1	10.6	1.0005	2.7768	0.0001	3.7774	-0.0008	-0.0069	0	-0.0077
867	10.8	10.6	1.0006	2.7764	0.0001	3.777	0	-0.0129	0	-0.0129
868	10.7	10.6	1.0006	2.7767	0.0001	3.7774	-0.0003	-0.0179	0	-0.0182
869	10.4	10.7	1.0006	2.777	0	3.7776	-0.001	-0.0267	-0.0004	-0.028
870	10.9	10.7	1.0006	2.7768	0	3.7774	-0.001	-0.0211	-0.0006	-0.0227
871	10.7	10.7	1.0005	2.7772	0.0001	3.7778	-0.001	-0.0216	0.0008	-0.0218
872	10.3	10.7	1.0005	2.7775	0.0001	3.7781	-0.001	-0.0279	0.0005	-0.0284
873	10.6	10.6	1.0005	2.7772	0.0001	3.7778	-0.001	-0.0328	-0.0007	-0.0345
874	10.6	10.6	1.0005	2.7771	0.0001	3.7777	-0.001	-0.0285	-0.001	-0.0305
875	10.3	10.6	1.0005	2.7768	0.0001	3.7774	-0.001	-0.0154	-0.0001	-0.0165
876	11.4	10.6	1.0006	2.7772	0.0001	3.7779	-0.001	-0.0119	0	-0.0129
877	10.7	10.6	1.0006	2.7771	0.0001	3.7778	-0.001	-0.0092	0	-0.0102
878	10.6	10.6	1.0006	2.7774	0.0001	3.7781	-0.001	-0.0035	0	-0.0045
879	10.7	10.6	1.0006	2.7775	0.0001	3.7782	-0.001	0.0005	0	-0.0005

880	10.5	10.5	1.0006	2.7772	0.0001	3.7779	-0.001	0.0105	-0.001	0.0085
881	10.4	10.5	1.0006	2.777	0.0001	3.7777	-0.001	0.0151	-0.001	0.0131
882	10.3	10.5	1.0005	2.7765	0.0001	3.7772	-0.0002	0.0273	-0.001	0.0261
883	10.2	10.5	1.0006	2.7757	0.0001	3.7764	0	0.0282	-0.001	0.0272
884	10.4	10.5	1.0006	2.7755	0.0001	3.7762	0	0.032	-0.001	0.031
885	11	10.5	1.0006	2.7754	0.0001	3.7761	0	0.045	-0.001	0.044
886	10.8	10.4	1.0006	2.7749	0.0001	3.7756	0	0.0439	-0.001	0.0429
887	10.3	10.4	1.0005	2.7752	0	3.7757	0	0.0369	-0.0007	0.0362
888	10.2	10.3	1.0006	2.7755	0	3.7761	0	0.0355	0.001	0.0365
889	10.2	10.3	1.0005	2.776	0.0001	3.7766	0.0002	0.0332	0.001	0.0344
890	10.4	10.3	1.0006	2.7758	0.0001	3.7765	0.001	0.0256	0.001	0.0276
891	10.1	10.3	1.0005	2.7756	0.0001	3.7762	0.001	0.0245	0.0007	0.0262
892	10.5	10.4	1.0005	2.7761	0.0001	3.7767	0.001	0.019	0	0.02
893	10	10.4	1.0005	2.7759	0.0001	3.7765	0.001	0.0158	0.0004	0.0172
894	10.3	10.4	1.0005	2.7756	0.0001	3.7762	0.001	0.0111	0.0009	0.013
895	10.1	10.4	1.0006	2.7768	0.0001	3.7775	0.001	0.011	0	0.012
896	10.3	10.4	1.0006	2.7768	0.0001	3.7775	0.0007	0.0076	-0.0005	0.0079
897	9.83	10.4	1.0005	2.7765	0.0001	3.7771	0	0.0161	-0.001	0.0151
898	10.4	10.4	1.0005	2.7765	0.0001	3.7771	0	0.0181	-0.001	0.0171
899	10.6	10.5	1.0005	2.7772	0.0001	3.7778	-0.0005	0.0248	-0.001	0.0232
900	10.4	10.5	1.0005	2.7777	0.0001	3.7783	-0.001	0.0309	-0.001	0.0289
901	10.7	10.5	1.0005	2.7769	0.0001	3.7775	-0.001	0.0363	-0.001	0.0343
902	11.1	10.6	1.0005	2.7761	0.0001	3.7767	-0.001	0.0401	-0.001	0.0381
903	10.9	10.6	1.0005	2.776	0.0001	3.7766	-0.001	0.0378	-0.001	0.0358
904	10.7	10.6	1.0005	2.7758	0.0001	3.7764	-0.001	0.0388	-0.0001	0.0376
905	10.4	10.6	1.0005	2.7754	0.0001	3.776	-0.001	0.0313	0	0.0303
906	10.4	10.6	1.0005	2.7753	0.0001	3.7759	-0.001	0.03	0	0.029
907	10.6	10.7	1.0005	2.7759	0.0001	3.7765	-0.001	0.018	0	0.017
908	10.6	10.7	1.0006	2.7759	0	3.7765	0	0.0067	0	0.0067
909	11.1	10.6	1.0006	2.776	0	3.7766	0	0.0037	0.0001	0.0039
910	11.2	10.6	1.0006	2.7763	0	3.7769	-0.0002	-0.0055	0.0008	-0.005
911	10.9	10.6	1.0005	2.7756	0	3.7761	-0.0007	-0.0108	0.0003	-0.0111
912	10.3	10.6	1.0005	2.7756	0	3.7761	0	-0.0092	0.001	-0.0082
913	10.6	10.6	1.0005	2.7761	0	3.7766	-0.0005	-0.0114	0.001	-0.0109
914	10.3	10.6	1.0005	2.7765	0	3.777	-0.001	-0.0122	0.0009	-0.0123
915	10.8	10.6	1.0006	2.7766	0	3.7772	-0.001	-0.0163	0	-0.0173
916	10.4	10.6	1.0005	2.7771	0	3.7776	-0.001	-0.0137	0	-0.0147

917	10.2	10.6	1.0005	2.7768	0	3.7773	-0.001	-0.0149	0	-0.0159
918	10.3	10.6	1.0006	2.7769	0	3.7775	-0.0003	-0.0195	0	-0.0197
919	10.5	10.6	1.0006	2.7769	0.0001	3.7776	0	-0.0153	0	-0.0153
920	10.7	10.6	1.0006	2.7765	0	3.7771	0	-0.0128	-0.0008	-0.0136
921	10.7	10.6	1.0006	2.7763	0	3.7769	0	-0.0159	-0.001	-0.0169
922	10.3	10.6	1.0006	2.7764	0.0001	3.7771	-0.0009	-0.0089	-0.0001	-0.0099
923	10.6	10.6	1.0006	2.7764	0.0001	3.7771	-0.0007	-0.0072	0	-0.0079
924	10.5	10.6	1.0006	2.7759	0.0001	3.7766	0	-0.0106	0	-0.0106
925	10.4	10.6	1.0006	2.7756	0.0001	3.7763	0	-0.0135	0	-0.0135
926	10.5	10.6	1.0006	2.7754	0.0001	3.7761	0	-0.0174	0	-0.0174
927	10.8	10.6	1.0006	2.7751	0.0001	3.7758	0.001	-0.0132	0	-0.0122
928	10.9	10.6	1.0006	2.7749	0.0001	3.7756	0.001	-0.0117	0	-0.0107
929	11.2	10.6	1.0006	2.7746	0.0001	3.7753	0.001	-0.0105	0	-0.0095
930	11.2	10.6	1.0006	2.7746	0.0001	3.7753	0.001	-0.0068	0	-0.0058
931	10.4	10.6	1.0005	2.7744	0.0001	3.775	0.001	-0.0062	0	-0.0052
932	10.8	10.6	1.0005	2.7743	0.0001	3.7749	-0.0003	-0.0104	0	-0.0107
933	10.9	10.6	1.0005	2.7744	0.0001	3.775	-0.0005	-0.0147	0	-0.0153
934	10.7	10.6	1.0005	2.774	0.0001	3.7746	0	-0.0246	0	-0.0246
935	10.1	10.6	1.0005	2.7741	0.0001	3.7747	0	-0.0236	0	-0.0236
936	10.3	10.6	1.0005	2.7745	0.0001	3.7751	0	-0.0139	0	-0.0139
937	10.6	10.6	1.0005	2.7745	0	3.775	0	-0.0213	0	-0.0213
938	10.4	10.5	1.0005	2.775	0	3.7755	-0.0007	-0.0292	-0.0007	-0.0305
939	10.7	10.5	1.0005	2.7756	0	3.7761	-0.0003	-0.024	-0.001	-0.0253
940	10.5	10.5	1.0005	2.7754	0	3.7759	-0.0008	-0.0226	-0.0002	-0.0236
941	10.2	10.5	1.0005	2.7755	0.0001	3.7761	-0.0001	-0.0276	0	-0.0277
942	10.4	10.5	1.0005	2.7758	0.0001	3.7764	-0.0009	-0.0292	0	-0.0301
943	10.4	10.4	1.0005	2.7762	0	3.7767	-0.001	-0.0208	0	-0.0218
944	10.3	10.5	1.0005	2.7762	0	3.7767	-0.001	-0.0209	0	-0.0219
945	10.5	10.4	1.0005	2.7761	0	3.7766	-0.0009	-0.0192	0	-0.0201
946	10.3	10.5	1.0005	2.7755	0.0001	3.7761	0	-0.0093	0	-0.0093
947	10.3	10.5	1.0005	2.7752	0.0001	3.7758	-0.0001	-0.0116	0	-0.0118
948	10.6	10.5	1.0006	2.7749	0.0001	3.7755	-0.001	-0.011	0	-0.012
949	10.6	10.4	1.0006	2.7744	0.0001	3.7751	-0.001	-0.0051	0	-0.0061
950	10.5	10.4	1.0006	2.774	0.0001	3.7747	-0.001	0.0034	0	0.0024
951	10.5	10.5	1.0006	2.7738	0.0001	3.7745	-0.001	0.0151	0	0.0141
952	10.4	10.5	1.0006	2.7738	0.0001	3.7745	-0.001	0.0137	0	0.0127
953	10.9	10.5	1.0006	2.7739	0	3.7745	-0.001	0.0138	0	0.0128

954	10	10.5	1.0006	2.7747	0	3.7753	-0.001	0.011	0	0.01
955	10.7	10.6	1.0006	2.7748	0	3.7754	-0.001	0.008	0	0.007
956	10.4	10.6	1.0006	2.7759	0	3.7765	-0.001	-0.0006	0	-0.0016
957	10.7	10.6	1.0006	2.7764	0	3.777	-0.001	-0.0079	0	-0.0089
958	10.1	10.6	1.0006	2.7762	0	3.7768	-0.001	-0.0036	0	-0.0046
959	10.5	10.6	1.0006	2.7765	0	3.7771	-0.0003	-0.0019	-0.0007	-0.0029
960	11.1	10.6	1.0006	2.7774	0	3.778	0	-0.003	-0.001	-0.004
961	11.2	10.6	1.0006	2.7775	0	3.7781	0	0.0002	-0.001	-0.0008
962	10.3	10.6	1.0006	2.7778	0	3.7784	-0.0009	-0.0106	-0.001	-0.0125
963	10.7	10.6	1.0006	2.7777	0	3.7783	-0.001	-0.0144	-0.001	-0.0164
964	10.7	10.7	1.0006	2.7778	0.0001	3.7785	-0.001	-0.0055	-0.001	-0.0075
965	10.4	10.7	1.0006	2.7779	0.0001	3.7786	-0.0008	-0.0037	-0.001	-0.0056
966	10.8	10.7	1.0006	2.7783	0.0001	3.779	-0.0002	-0.0056	0	-0.0058
967	10.7	10.7	1.0006	2.7783	0.0001	3.779	0	-0.0042	-0.001	-0.0052
968	11	10.8	1.0006	2.7782	0.0001	3.7789	0.0003	-0.0096	-0.0009	-0.0102
969	10.7	10.8	1.0006	2.7782	0.0001	3.7789	0.001	-0.0034	0.0004	-0.0021
970	10.6	10.8	1.0006	2.7784	0.0001	3.7791	0.001	0.0041	0.0005	0.0056
971	10.6	10.8	1.0006	2.7781	0.0001	3.7788	0.001	-0.0058	-0.0008	-0.0056
972	10.9	10.8	1.0006	2.7782	0.0001	3.7789	0.001	-0.0074	0.0005	-0.006
973	10.8	10.8	1.0005	2.7783	0.0001	3.7789	0.001	-0.0079	0.0008	-0.0061
974	10.9	10.8	1.0005	2.7784	0.0001	3.779	0.001	-0.0123	0.0003	-0.011
975	11.2	10.8	1.0005	2.7785	0.0001	3.7791	0.001	-0.0161	0.0007	-0.0144
976	11	10.8	1.0005	2.7785	0.0001	3.7791	0.001	-0.0161	0	-0.0151
977	10.8	10.8	1.0005	2.7782	0.0001	3.7788	0.001	-0.0208	0	-0.0198
978	10.7	10.7	1.0005	2.7785	0.0001	3.7791	0.001	-0.0215	0	-0.0205
979	10.9	10.7	1.0005	2.7782	0.0001	3.7788	0.001	-0.0231	0	-0.0221
980	10.9	10.7	1.0005	2.7778	0.0001	3.7784	0.001	-0.0275	0	-0.0265
981	11	10.7	1.0006	2.7781	0.0001	3.7787	0.001	-0.0235	0	-0.0225
982	10.5	10.7	1.0006	2.778	0.0001	3.7787	0.0002	-0.0216	0	-0.0215
983	10.6	10.7	1.0006	2.7782	0.0001	3.7789	0	-0.0182	0	-0.0182
984	11.1	10.7	1.0006	2.7779	0.0001	3.7786	0	-0.0138	0	-0.0138
985	10.3	10.6	1.0006	2.7768	0.0001	3.7775	0	-0.013	0	-0.013
986	10.3	10.6	1.0006	2.777	0.0001	3.7777	0	-0.0075	0	-0.0075
987	10.1	10.6	1.0006	2.7781	0.0001	3.7788	0	-0.0022	-0.0002	-0.0023
988	10.3	10.6	1.0006	2.7779	0.0001	3.7786	0	0.0037	-0.001	0.0027
989	10.7	10.5	1.0006	2.7783	0.0001	3.779	-0.0007	0.0073	-0.001	0.0057
990	10.6	10.5	1.0006	2.7786	0.0001	3.7793	-0.001	0.0065	-0.001	0.0045

991	10.7	10.5	1.0006	2.7785	0.0001	3.7792	-0.001	0.0042	-0.0007	0.0025
992	10.6	10.5	1.0006	2.7782	0.0001	3.7789	-0.001	0.006	0	0.005
993	10.4	10.5	1.0006	2.778	0.0001	3.7787	-0.001	0.0032	-0.0004	0.0018
994	10.7	10.4	1.0006	2.7775	0.0001	3.7782	-0.001	0.0061	-0.001	0.0041
995	10.6	10.5	1.0006	2.7777	0.0001	3.7784	-0.001	0.0034	-0.001	0.0014
996	10.3	10.5	1.0006	2.778	0.0001	3.7787	-0.001	0.004	-0.0005	0.0024
997	10.1	10.5	1.0006	2.7776	0.0001	3.7783	-0.001	0.0008	0	-0.0002
998	10.3	10.5	1.0006	2.777	0.0001	3.7777	-0.001	0.0008	0	-0.0002
999	10.6	10.5	1.0006	2.7769	0.0001	3.7776	-0.0005	0.0007	0	0.0003
1000	10.4	10.5	1.0006	2.7762	0.0001	3.7769	0.0003	-0.0041	0	-0.0038
1001	10.5	10.5	1.0006	2.7756	0.0001	3.7763	0.001	-0.0055	0	-0.0045
1002	10.5	10.5	1.0006	2.7747	0.0001	3.7754	0.001	-0.0015	0	-0.0005
1003	10.5	10.5	1.0006	2.7749	0.0001	3.7756	0.001	0.0002	0	0.0012
1004	10.6	10.6	1.0006	2.775	0.0001	3.7757	0.001	0.0046	-0.0009	0.0047
1005	10.8	10.6	1.0006	2.7755	0.0001	3.7762	0.001	0.0124	-0.001	0.0124
1006	10.7	10.6	1.0006	2.7761	0.0001	3.7768	0.0003	0.0157	-0.001	0.015
1007	10.5	10.6	1.0006	2.7763	0.0001	3.777	0	0.0307	-0.001	0.0297
1008	10.6	10.6	1.0006	2.7761	0.0001	3.7768	0	0.0419	-0.001	0.0409
1009	10.6	10.6	1.0006	2.7763	0.0001	3.777	0	0.0437	-0.001	0.0427
1010	10.8	10.6	1.0006	2.7763	0.0001	3.777	0.0009	0.0472	-0.001	0.0471
1011	10.7	10.6	1.0006	2.7767	0.0001	3.7774	0.001	0.0619	-0.001	0.0619
1012	10.5	10.6	1.0006	2.7771	0.0001	3.7778	0.001	0.0632	-0.001	0.0632
1013	11	10.7	1.0006	2.7767	0.0001	3.7774	0.001	0.0658	-0.001	0.0658
1014	10.5	10.7	1.0006	2.7769	0.0001	3.7776	0.001	0.0621	-0.0009	0.0622
1015	11.2	10.7	1.0006	2.7772	0	3.7778	0.001	0.0619	0	0.0629
1016	10.1	10.7	1.0005	2.7775	0.0001	3.7781	0.001	0.0602	0	0.0612
1017	10.4	10.7	1.0005	2.7778	0.0001	3.7784	0.001	0.0622	0	0.0632
1018	11	10.6	1.0005	2.7772	0	3.7777	0.001	0.0669	0	0.0679
1019	10.5	10.6	1.0005	2.7765	0	3.777	0.001	0.0637	0	0.0647
1020	10.3	10.6	1.0005	2.7771	0.0001	3.7777	0.001	0.0605	0	0.0615
1021	10.7	10.6	1.0005	2.777	0	3.7775	0.001	0.0628	0	0.0638
1022	11.2	10.6	1.0005	2.7772	0	3.7777	0.001	0.0491	0	0.0501
1023	11.1	10.6	1.0005	2.7776	0.0001	3.7782	0.0007	0.044	0	0.0446
1024	11.1	10.6	1.0005	2.7776	0	3.7781	0	0.0408	0	0.0408
1025	10.3	10.6	1.0005	2.7772	0.0001	3.7778	0	0.0404	0	0.0404
1026	10.1	10.6	1.0005	2.7775	0.0001	3.7781	0	0.0414	0	0.0414
1027	10.1	10.6	1.0005	2.7773	0.0001	3.7779	0	0.0353	0	0.0353

1028	10.1	10.7	1.0005	2.7772	0.0001	3.7778	0	0.0313	0	0.0313
1029	10.6	10.7	1.0005	2.7773	0.0001	3.7779	-0.0009	0.0245	0	0.0236
1030	10.6	10.7	1.0005	2.777	0.0001	3.7776	-0.001	0.0247	0	0.0237
1031	10.5	10.7	1.0005	2.7765	0.0001	3.7771	-0.001	0.0178	0	0.0168
1032	10.5	10.7	1.0005	2.7761	0.0001	3.7767	-0.0001	0.0141	0	0.014
1033	10.8	10.7	1.0005	2.7758	0.0001	3.7764	0	0.0148	0	0.0148
1034	11.2	10.6	1.0005	2.7753	0.0001	3.7759	0	0.0188	0	0.0188
1035	11.1	10.6	1.0005	2.7748	0.0001	3.7754	0	0.0149	0	0.0149
1036	10.6	10.6	1.0005	2.7747	0.0001	3.7753	0	0.0058	0	0.0058
1037	11.1	10.6	1.0005	2.7741	0.0001	3.7747	0	0.0092	0	0.0092
1038	10.9	10.7	1.0006	2.7743	0.0001	3.775	0	0.0207	0	0.0207
1039	10.8	10.6	1.0006	2.7749	0.0001	3.7756	0	0.0167	0	0.0167
1040	11.1	10.7	1.0006	2.7749	0.0001	3.7756	0	0.0205	0	0.0205
1041	10.9	10.7	1.0006	2.7749	0.0001	3.7756	0	0.02	0	0.02
1042	10.1	10.7	1.0006	2.7755	0.0001	3.7762	0	0.0195	0	0.0195
1043	10.1	10.7	1.0006	2.7756	0.0001	3.7763	0	0.0187	0	0.0187
1044	10	10.7	1.0006	2.7759	0.0001	3.7766	0	0.0152	0	0.0152
1045	10.8	10.7	1.0006	2.7757	0.0001	3.7764	0	0.0072	0	0.0072
1046	10.5	10.7	1.0006	2.7754	0.0001	3.7761	0	0.0084	0	0.0084
1047	10.3	10.7	1.0006	2.7751	0.0001	3.7758	0	0.0076	0	0.0076
1048	10.4	10.6	1.0006	2.7748	0.0001	3.7755	0	0.0056	0	0.0056
1049	10.8	10.7	1.0006	2.7748	0.0001	3.7755	0	-0.0004	0	-0.0004
1050	10.8	10.6	1.0005	2.7745	0.0001	3.7751	0	0.0001	0	0.0001
1051	10.8	10.6	1.0005	2.7739	0.0001	3.7745	0	-0.003	0	-0.003
1052	11.2	10.7	1.0005	2.7738	0.0001	3.7744	0	0.0001	0	0.0001
1053	10.9	10.7	1.0005	2.7734	0.0001	3.774	0	-0.0019	0	-0.0019
1054	10.7	10.7	1.0005	2.7734	0.0001	3.774	0	0.0066	0	0.0066
1055	10.5	10.7	1.0006	2.7732	0.0001	3.7739	0	0.0141	0	0.0141
1056	10.8	10.7	1.0006	2.7728	0.0001	3.7735	0	0.0227	0	0.0227
1057	10.7	10.7	1.0006	2.7722	0.0001	3.7729	0	0.0332	0	0.0332
1058	10.9	10.7	1.0006	2.7718	0.0001	3.7725	0	0.039	0	0.039
1059	10.9	10.7	1.0005	2.7718	0.0001	3.7724	0	0.0354	0	0.0354
1060	10.8	10.7	1.0005	2.7712	0.0001	3.7718	0	0.0336	0	0.0336
1061	10.4	10.7	1.0005	2.7712	0.0001	3.7718	0	0.0303	0	0.0303
1062	10.7	10.7	1.0005	2.7712	0.0001	3.7718	0	0.0308	0	0.0308
1063	10.7	10.6	1.0005	2.7715	0.0001	3.7721	0	0.0362	0	0.0362
1064	10.3	10.6	1.0005	2.7716	0.0001	3.7722	0	0.0339	0	0.0339

1065	10.9	10.6	1.0005	2.7719	0.0001	3.7725	0	0.0365	0	0.0365
1066	10.5	10.6	1.0005	2.7721	0.0001	3.7727	0	0.0358	-0.001	0.0348
1067	10.1	10.6	1.0005	2.7716	0.0001	3.7722	-0.001	0.0354	0	0.0344
1068	10	10.6	1.0005	2.7718	0.0001	3.7724	-0.001	0.0339	-0.0001	0.0328
1069	11.1	10.5	1.0005	2.7722	0.0001	3.7728	-0.001	0.0272	-0.001	0.0252
1070	10.8	10.6	1.0005	2.7721	0.0001	3.7727	-0.001	0.0191	-0.0008	0.0173
1071	10.6	10.6	1.0005	2.7732	0.0001	3.7738	-0.001	0.0258	-0.0002	0.0246
1072	10.7	10.6	1.0005	2.7738	0.0001	3.7744	-0.001	0.0312	-0.001	0.0292
1073	10.1	10.6	1.0005	2.7742	0.0001	3.7748	-0.001	0.0369	-0.0008	0.0352
1074	10.7	10.7	1.0005	2.7744	0.0001	3.775	-0.001	0.0441	-0.0003	0.0429
1075	10.3	10.7	1.0005	2.7744	0.0001	3.775	-0.001	0.0539	-0.0007	0.0523
1076	10.4	10.7	1.0005	2.775	0.0001	3.7756	-0.001	0.0666	0	0.0656
1077	10.5	10.7	1.0005	2.7751	0.0001	3.7757	-0.001	0.0728	0	0.0718
1078	10.5	10.7	1.0006	2.776	0.0001	3.7767	-0.001	0.0708	0	0.0698
1079	11.1	10.7	1.0006	2.7757	0.0001	3.7764	-0.0007	0.0693	0	0.0686
1080	11.5	10.7	1.0006	2.7761	0.0001	3.7768	0	0.0649	0	0.0649
1081	10.9	10.7	1.0006	2.7766	0.0001	3.7773	0	0.062	0	0.062
1082	10.6	10.7	1.0006	2.7765	0.0001	3.7772	-0.0004	0.0552	0	0.0548
1083	10.9	10.7	1.0006	2.7763	0.0001	3.777	-0.001	0.0512	0	0.0502
1084	10.8	10.7	1.0006	2.7764	0.0001	3.7771	-0.001	0.0491	0	0.0481
1085	10.6	10.7	1.0006	2.7762	0.0001	3.7769	-0.001	0.05	0	0.049
1086	10.3	10.7	1.0006	2.7761	0.0001	3.7768	-0.001	0.0435	0	0.0425
1087	9.83	10.7	1.0006	2.776	0.0001	3.7767	-0.001	0.0386	0	0.0376
1088	10.9	10.7	1.0006	2.7763	0.0001	3.777	-0.001	0.0325	0	0.0315
1089	11	10.7	1.0006	2.7762	0.0001	3.7769	-0.0003	0.0379	0	0.0376
1090	10.7	10.7	1.0006	2.7766	0.0001	3.7773	0	0.0444	0	0.0444
1091	10.6	10.7	1.0006	2.7766	0.0001	3.7773	0	0.0454	0	0.0454
1092	10.2	10.7	1.0006	2.7763	0.0001	3.777	0	0.0459	0	0.0459
1093	10.6	10.6	1.0006	2.7764	0.0001	3.7771	0	0.0529	0	0.0529
1094	10.7	10.6	1.0006	2.7768	0.0001	3.7775	0	0.054	0	0.054
1095	10.8	10.6	1.0006	2.7769	0.0001	3.7776	0	0.0578	0	0.0578
1096	10.5	10.6	1.0006	2.7773	0.0001	3.778	0	0.0631	0	0.0631
1097	10.8	10.6	1.0006	2.777	0.0001	3.7777	0	0.0588	0	0.0588
1098	11.2	10.6	1.0006	2.7771	0.0001	3.7778	0	0.0484	0	0.0484
1099	10.9	10.6	1.0006	2.7769	0.0001	3.7776	0.0009	0.0468	0	0.0477
1100	10.7	10.5	1.0006	2.7765	0.0001	3.7772	-0.0002	0.0429	0	0.0426
1101	10.4	10.5	1.0006	2.7756	0.0001	3.7763	-0.001	0.0355	0	0.0345

1102	9.95	10.5	1.0006	2.7749	0.0001	3.7756	-0.001	0.0333	0	0.0323
1103	10.3	10.5	1.0006	2.7742	0.0001	3.7749	-0.001	0.0328	0	0.0318
1104	10.4	10.5	1.0006	2.7736	0.0001	3.7743	-0.001	0.0206	-0.001	0.0186
1105	10.4	10.5	1.0006	2.7732	0.0001	3.7739	-0.001	0.0164	0	0.0154
1106	10.6	10.5	1.0006	2.7728	0.0001	3.7735	-0.0003	0.0113	0	0.011
1107	10.5	10.5	1.0006	2.7724	0.0001	3.7731	0	0.0131	0	0.0131
1108	10.2	10.4	1.0006	2.7726	0.0001	3.7733	0	0.0105	0	0.0104
1109	10.6	10.4	1.0006	2.7729	0.0001	3.7736	0	0.0171	-0.001	0.0161
1110	10.3	10.5	1.0006	2.7732	0.0001	3.7739	-0.0009	0.0128	-0.001	0.0109
1111	10.2	10.5	1.0006	2.7736	0.0001	3.7743	-0.001	0.0157	-0.001	0.0137
1112	10.5	10.5	1.0006	2.7734	0.0001	3.7741	-0.001	0.0134	-0.001	0.0114
1113	10.3	10.5	1.0006	2.7733	0.0001	3.774	-0.001	0.0145	-0.001	0.0125
1114	10.8	10.5	1.0006	2.7732	0.0001	3.7739	-0.001	0.0157	-0.0006	0.014
1115	10.2	10.5	1.0006	2.7736	0.0001	3.7743	-0.001	0.014	0	0.013
1116	10.3	10.5	1.0006	2.774	0.0001	3.7747	-0.001	0.0111	0	0.0101
1117	10.6	10.5	1.0006	2.7744	0.0001	3.7751	-0.001	0.0067	0	0.0057
1118	11	10.5	1.0006	2.7745	0.0001	3.7752	-0.001	-0.0048	0	-0.0058
1119	11.1	10.5	1.0006	2.7746	0.0001	3.7753	-0.001	-0.0072	0	-0.0082
1120	10.6	10.5	1.0006	2.7745	0.0001	3.7752	-0.001	0.0001	0	-0.0009
1121	10.6	10.6	1.0006	2.7739	0.0001	3.7746	-0.001	0.0059	0	0.0049
1122	10.4	10.6	1.0006	2.7735	0.0001	3.7742	-0.001	0.0164	0	0.0154
1123	10.5	10.6	1.0006	2.7732	0.0001	3.7739	-0.001	0.0207	0	0.0197
1124	10.4	10.6	1.0006	2.7722	0.0001	3.7729	-0.001	0.0317	0	0.0307
1125	10.2	10.6	1.0006	2.7706	0.0001	3.7713	-0.001	0.0355	0	0.0345
1126	10.3	10.6	1.0006	2.7702	0.0001	3.7709	-0.001	0.0311	0	0.0301
1127	10.5	10.6	1.0006	2.7702	0.0001	3.7709	-0.001	0.0365	0	0.0355
1128	10.9	10.6	1.0006	2.7703	0.0001	3.771	-0.001	0.0397	0	0.0387
1129	10.6	10.5	1.0005	2.7708	0.0001	3.7714	-0.0001	0.0466	0	0.0466
1130	11.1	10.5	1.0005	2.7708	0.0001	3.7714	0	0.0383	0	0.0383
1131	10.7	10.5	1.0005	2.771	0.0001	3.7717	0	0.0454	0	0.0454
1132	10.2	10.5	1.0006	2.771	0.0001	3.7717	0	0.0505	0	0.0505
1133	10.4	10.5	1.0006	2.7709	0.0001	3.7716	0	0.0586	0	0.0586
1134	10.7	10.5	1.0006	2.7703	0.0001	3.771	0	0.061	0	0.061
1135	11	10.6	1.0006	2.7705	0.0001	3.7712	0	0.0599	0	0.0599
1136	10.2	10.6	1.0006	2.7708	0.0001	3.7715	0	0.0578	0	0.0578
1137	10.3	10.7	1.0006	2.7709	0.0001	3.7716	0	0.054	0	0.054
1138	10.1	10.7	1.0006	2.7705	0.0001	3.7712	0	0.0519	0	0.0519

1139	10.5	10.7	1.0006	2.7705	0.0001	3.7712	0	0.054	0	0.054
1140	10.7	10.6	1.0006	2.7704	0.0001	3.7711	0	0.0522	-0.0003	0.0519
1141	10.5	10.6	1.0006	2.7703	0.0001	3.771	0	0.0524	-0.0006	0.0517
1142	10.4	10.6	1.0006	2.7702	0.0001	3.7709	0	0.0524	0	0.0524
1143	10.8	10.6	1.0006	2.7702	0.0001	3.7709	0	0.0496	-0.0005	0.0491
1144	10.7	10.6	1.0006	2.7701	0.0001	3.7708	0	0.049	-0.0004	0.0486
1145	11	10.7	1.0006	2.7694	0.0001	3.7701	0	0.0485	0	0.0485
1146	11.6	10.7	1.0006	2.7695	0.0001	3.7702	0	0.0459	0	0.0459
1147	11.1	10.7	1.0006	2.7703	0.0001	3.771	0	0.047	0	0.047
1148	10.3	10.7	1.0005	2.7701	0.0001	3.7707	0	0.0482	0	0.0482
1149	10.5	10.7	1.0006	2.7705	0.0001	3.7712	0	0.0472	-0.0008	0.0463
1150	10.7	10.7	1.0006	2.771	0.0001	3.7717	0	0.0474	-0.001	0.0464
1151	10.6	10.7	1.0006	2.7706	0.0001	3.7713	0	0.0486	-0.001	0.0476
1152	10.5	10.7	1.0006	2.7705	0.0001	3.7712	0	0.0386	-0.001	0.0376
1153	10.6	10.7	1.0006	2.7714	0.0002	3.7722	0	0.0268	-0.001	0.0258
1154	11.2	10.7	1.0006	2.7718	0.0001	3.7725	0	0.0242	-0.001	0.0232
1155	11	10.7	1.0006	2.7721	0.0001	3.7728	0	0.0113	-0.001	0.0103
1156	10.5	10.6	1.0006	2.7715	0.0001	3.7722	0	-0.0026	-0.0009	-0.0034
1157	10.5	10.6	1.0006	2.7712	0.0001	3.7719	0	-0.013	0	-0.013
1158	10.7	10.6	1.0006	2.7701	0.0002	3.7709	0	-0.018	0	-0.018
1159	10.5	10.6	1.0006	2.7705	0.0002	3.7713	0	-0.017	0	-0.017
1160	10.4	10.6	1.0006	2.7696	0.0002	3.7704	0	-0.016	-0.0004	-0.0164
1161	10.3	10.6	1.0006	2.7699	0.0002	3.7707	0	-0.0127	-0.0006	-0.0133
1162	10.7	10.6	1.0006	2.7698	0.0002	3.7706	0	-0.0073	0	-0.0073
1163	10.7	10.6	1.0006	2.7699	0.0002	3.7707	0	-0.0059	-0.0006	-0.0065
1164	10.8	10.5	1.0006	2.7702	0.0001	3.7709	0	-0.0074	-0.001	-0.0084
1165	10.7	10.5	1.0006	2.7708	0.0001	3.7715	0	-0.0095	-0.001	-0.0105
1166	10.6	10.5	1.0006	2.7714	0.0001	3.7721	0	-0.0074	-0.0002	-0.0076
1167	10.3	10.5	1.0006	2.7721	0.0001	3.7728	0	-0.0112	-0.0008	-0.012
1168	10.5	10.5	1.0006	2.7726	0.0001	3.7733	0	-0.0062	-0.001	-0.0072
1169	10.5	10.5	1.0006	2.7722	0.0001	3.7729	0	-0.0023	-0.001	-0.0033
1170	10.3	10.5	1.0006	2.7715	0.0001	3.7722	0	-0.0011	-0.001	-0.0021
1171	10.3	10.6	1.0006	2.7716	0.0001	3.7723	0	0.0019	-0.001	0.0009
1172	10	10.6	1.0006	2.7717	0.0001	3.7724	0	-0.0029	-0.001	-0.0039
1173	10.5	10.6	1.0006	2.771	0.0001	3.7717	0	-0.0075	-0.001	-0.0085
1174	10.8	10.6	1.0006	2.7708	0.0001	3.7715	0	-0.0137	-0.001	-0.0147
1175	10.8	10.6	1.0006	2.7713	0.0001	3.772	0	-0.0144	-0.001	-0.0154

1176	10.3	10.6	1.0006	2.7713	0.0001	3.772	0	-0.0251	-0.001	-0.0261
1177	10.4	10.6	1.0006	2.7711	0.0001	3.7718	0	-0.0247	-0.001	-0.0257
1178	10.6	10.6	1.0006	2.7714	0.0001	3.7721	0	-0.0177	-0.001	-0.0187
1179	11	10.6	1.0006	2.7719	0.0001	3.7726	-0.0003	-0.0217	-0.001	-0.023
1180	10.8	10.6	1.0006	2.7715	0.0001	3.7722	-0.001	-0.0193	-0.001	-0.0213
1181	10.7	10.6	1.0006	2.7716	0.0001	3.7723	-0.001	-0.018	-0.001	-0.02
1182	10.9	10.7	1.0006	2.7707	0.0001	3.7714	-0.0006	-0.0111	-0.001	-0.0127
1183	10.7	10.7	1.0006	2.7702	0.0001	3.7709	0	-0.0048	-0.001	-0.0058
1184	10.9	10.7	1.0006	2.7704	0.0001	3.7711	0	-0.0013	-0.001	-0.0023
1185	10.9	10.7	1.0006	2.7704	0.0001	3.7711	0	-0.0103	-0.001	-0.0113
1186	10.6	10.7	1.0006	2.7707	0.0001	3.7714	0	-0.0104	-0.001	-0.0114
1187	10.1	10.7	1.0006	2.7708	0.0001	3.7715	0	-0.0058	-0.001	-0.0068
1188	10.6	10.7	1.0006	2.7709	0.0001	3.7716	0	0.0016	-0.001	0.0006
1189	10.7	10.7	1.0006	2.771	0.0001	3.7717	0	0.0002	-0.001	-0.0008
1190	11.1	10.8	1.0006	2.7714	0.0002	3.7721	0.001	0.001	-0.001	0.0009
1191	11	10.7	1.0006	2.7713	0.0001	3.772	0.001	0.0047	-0.001	0.0047
1192	10.7	10.7	1.0006	2.7713	0.0002	3.7721	0.001	-0.0032	-0.001	-0.0032
1193	10.9	10.7	1.0006	2.7715	0.0001	3.7723	0.001	-0.0164	-0.001	-0.0164
1194	10.8	10.8	1.0006	2.772	0.0001	3.7727	0.001	-0.022	-0.001	-0.022
1195	10.4	10.8	1.0006	2.7723	0.0001	3.773	0.001	-0.0239	-0.001	-0.0239
1196	10.6	10.8	1.0006	2.7726	0.0001	3.7733	0.001	-0.0334	-0.001	-0.0334
1197	10.8	10.8	1.0006	2.7722	0.0001	3.7729	0.001	-0.0385	-0.001	-0.0385
1198	10.7	10.9	1.0006	2.7724	0.0002	3.7731	0.001	-0.0302	-0.001	-0.0302
1199	11.1	10.9	1.0006	2.7721	0.0002	3.7729	0.0001	-0.0273	-0.001	-0.0282
1200	10.3	10.9	1.0006	2.7716	0.0002	3.7724	0.0009	-0.0279	-0.001	-0.028
1201	10.9	10.9	1.0006	2.7717	0.0002	3.7725	0.0006	-0.0267	-0.001	-0.027
1202	10.9	10.9	1.0006	2.7722	0.0002	3.773	0.0004	-0.0334	-0.001	-0.034
1203	11.3	10.9	1.0006	2.7718	0.0002	3.7726	0.001	-0.0379	-0.001	-0.0379
1204	11.2	10.8	1.0006	2.7725	0.0002	3.7733	0.001	-0.0293	0	-0.0283
1205	10.7	10.8	1.0006	2.7735	0.0002	3.7743	0.001	-0.029	-0.001	-0.0289
1206	11	10.9	1.0006	2.7741	0.0001	3.7748	0.001	-0.0259	-0.001	-0.0259
1207	10.9	10.8	1.0006	2.7742	0.0001	3.7749	0.001	-0.0314	-0.001	-0.0314
1208	11	10.8	1.0006	2.7743	0.0001	3.775	0.001	-0.0354	-0.001	-0.0354
1209	11.2	10.8	1.0006	2.7745	0.0001	3.7752	0.001	-0.0441	0	-0.0431
1210	11	10.8	1.0006	2.7745	0.0002	3.7753	0.001	-0.039	0	-0.038
1211	10.7	10.8	1.0006	2.7743	0.0001	3.775	0.001	-0.0515	0	-0.0505
1212	10.6	10.8	1.0006	2.774	0.0002	3.7748	0.001	-0.0489	0	-0.0479

1213	10.5	10.8	1.0006	2.774	0.0002	3.7748	0.0003	-0.045	0	-0.0447
1214	10.7	10.8	1.0006	2.7742	0.0002	3.775	0	-0.0349	-0.0004	-0.0352
1215	10.6	10.8	1.0006	2.7744	0.0001	3.7751	0	-0.0251	-0.001	-0.0261
1216	10.5	10.8	1.0006	2.7751	0.0002	3.7759	0	-0.014	-0.001	-0.015
1217	10.5	10.7	1.0006	2.775	0.0002	3.7758	0	-0.0094	-0.001	-0.0104
1218	10.5	10.7	1.0006	2.7747	0.0002	3.7755	0	-0.0031	-0.001	-0.0041
1219	10.8	10.7	1.0006	2.7747	0.0002	3.7755	0	0.0015	-0.001	0.0005
1220	11	10.7	1.0006	2.7743	0.0002	3.7751	0	-0.0022	-0.001	-0.0032
1221	10.2	10.7	1.0006	2.7742	0.0002	3.775	0	-0.0085	-0.001	-0.0095
1222	11	10.7	1.0006	2.7743	0.0002	3.7751	0	-0.0117	-0.001	-0.0127
1223	11.1	10.7	1.0006	2.7745	0.0002	3.7753	0	-0.0115	-0.001	-0.0125
1224	10.7	10.7	1.0006	2.7736	0.0002	3.7744	0	-0.0158	-0.001	-0.0168
1225	10.9	10.7	1.0006	2.7731	0.0002	3.7739	0	-0.0174	-0.001	-0.0184
1226	10.7	10.7	1.0006	2.7727	0.0002	3.7735	0	-0.0081	-0.001	-0.0091
1227	10.9	10.7	1.0006	2.7719	0.0002	3.7727	0	-0.0078	-0.001	-0.0088
1228	10.8	10.7	1.0006	2.7725	0.0002	3.7733	0	-0.0031	-0.001	-0.0041
1229	10.4	10.7	1.0006	2.7727	0.0002	3.7735	0	0.0067	-0.001	0.0057
1230	10.6	10.7	1.0006	2.7726	0.0002	3.7734	0	0.0095	-0.001	0.0085
1231	10.8	10.7	1.0006	2.7721	0.0002	3.7729	0	-0.0054	-0.001	-0.0064
1232	10.6	10.7	1.0006	2.7715	0.0002	3.7723	0	-0.0123	-0.001	-0.0133
1233	10.3	10.7	1.0006	2.771	0.0002	3.7718	0	-0.0243	-0.001	-0.0253
1234	10.3	10.6	1.0006	2.7713	0.0002	3.7721	0	-0.0339	-0.001	-0.0349
1235	10.6	10.6	1.0006	2.7715	0.0002	3.7723	0	-0.0353	-0.001	-0.0363
1236	10.6	10.6	1.0006	2.7714	0.0002	3.7722	0	-0.0307	-0.001	-0.0317
1237	10.4	10.6	1.0006	2.7707	0.0002	3.7715	0	-0.022	-0.001	-0.023
1238	10.9	10.6	1.0006	2.7705	0.0002	3.7713	0	-0.0243	-0.001	-0.0253
1239	10.8	10.6	1.0005	2.7704	0.0002	3.7711	0	-0.0222	-0.001	-0.0232
1240	10.8	10.7	1.0005	2.7699	0.0002	3.7706	0	-0.0203	-0.0007	-0.021
1241	10.7	10.7	1.0005	2.7706	0.0002	3.7713	0	-0.014	-0.0004	-0.0144
1242	10.7	10.7	1.0005	2.7718	0.0002	3.7725	0	-0.0148	-0.001	-0.0158
1243	10.1	10.7	1.0005	2.7724	0.0002	3.7731	0	-0.0181	-0.0005	-0.0186
1244	10.9	10.7	1.0005	2.7725	0.0002	3.7732	0	-0.0206	-0.0006	-0.0212
1245	10.8	10.8	1.0005	2.7727	0.0002	3.7734	0	-0.0191	-0.001	-0.0201
1246	10.7	10.8	1.0005	2.7733	0.0002	3.774	0	-0.0145	-0.001	-0.0155
1247	10.9	10.8	1.0005	2.7733	0.0002	3.774	0	-0.0125	-0.001	-0.0135
1248	10.6	10.8	1.0005	2.7728	0.0002	3.7735	0	-0.0137	-0.001	-0.0147
1249	11.2	10.8	1.0005	2.7733	0.0002	3.774	0	-0.0071	-0.0002	-0.0072

1250	11.2	10.8	1.0005	2.7736	0.0002	3.7744	0	-0.0077	0	-0.0077
1251	10.8	10.8	1.0006	2.774	0.0002	3.7747	0	-0.0169	0	-0.0169
1252	10.6	10.8	1.0005	2.7743	0.0002	3.775	0	-0.0141	0	-0.0141
1253	10.7	10.8	1.0005	2.7743	0.0002	3.775	0	-0.012	0.0008	-0.0112
1254	10.9	10.8	1.0005	2.7747	0.0002	3.7754	0	-0.0135	0.001	-0.0125
1255	10.9	10.8	1.0005	2.7747	0.0002	3.7754	0	-0.0056	0.0001	-0.0055
1256	10.8	10.8	1.0005	2.7746	0.0002	3.7753	0	0.0111	-0.0001	0.011
1257	10.8	10.8	1.0005	2.7747	0.0002	3.7754	0	0.0211	-0.001	0.0201
1258	10.5	10.8	1.0005	2.7745	0.0002	3.7752	0	0.0308	-0.001	0.0298
1259	10.4	10.8	1.0005	2.7744	0.0002	3.7751	0	0.025	-0.001	0.024
1260	11.2	10.7	1.0005	2.7748	0.0002	3.7755	0	0.0284	-0.0006	0.0278
1261	11	10.7	1.0005	2.7748	0.0002	3.7755	0	0.0324	-0.0004	0.032
1262	10.6	10.7	1.0006	2.7743	0.0002	3.775	0	0.033	-0.001	0.032
1263	11.1	10.6	1.0006	2.7734	0.0002	3.7742	0	0.0276	-0.0004	0.0272
1264	10.5	10.6	1.0006	2.7727	0.0002	3.7735	0	0.0296	0	0.0296
1265	10.9	10.6	1.0006	2.7722	0.0002	3.773	0	0.0314	0	0.0314
1266	10.7	10.6	1.0006	2.7723	0.0002	3.7731	0	0.0326	-0.0008	0.0318
1267	10.5	10.6	1.0006	2.7724	0.0002	3.7732	0	0.0395	-0.0002	0.0393
1268	10.3	10.6	1.0006	2.7724	0.0002	3.7732	0	0.041	0	0.041
1269	10.5	10.6	1.0006	2.7724	0.0002	3.7732	0	0.0444	0	0.0444
1270	10.3	10.6	1.0006	2.7724	0.0002	3.7732	0	0.0438	0	0.0438
1271	10.1	10.5	1.0006	2.7727	0.0002	3.7735	0	0.0354	0	0.0354
1272	10.3	10.5	1.0006	2.7729	0.0002	3.7737	0	0.0338	0	0.0338
1273	10.5	10.5	1.0006	2.7726	0.0002	3.7734	0	0.0382	0	0.0382
1274	10.8	10.5	1.0006	2.7726	0.0002	3.7734	0	0.0424	0	0.0424
1275	10.5	10.5	1.0006	2.7721	0.0002	3.7729	0	0.0314	0	0.0314
1276	10.1	10.4	1.0006	2.7721	0.0002	3.7729	0	0.0367	0	0.0367
1277	10.9	10.5	1.0006	2.7714	0.0002	3.7722	0	0.0347	0	0.0347
1278	10.6	10.5	1.0006	2.7707	0.0002	3.7715	0	0.0268	0	0.0268
1279	10.6	10.6	1.0006	2.7709	0.0002	3.7717	0	0.037	0	0.037
1280	10.1	10.6	1.0006	2.7721	0.0002	3.7729	0	0.0451	0	0.0451
1281	10.6	10.6	1.0006	2.7728	0.0002	3.7736	0	0.0428	0	0.0428
1282	10.8	10.6	1.0006	2.7731	0.0002	3.7739	0	0.037	0	0.037
1283	10.2	10.6	1.0006	2.7736	0.0002	3.7744	0	0.0323	0	0.0323
1284	10.4	10.6	1.0006	2.7739	0.0002	3.7747	0	0.0292	0	0.0292
1285	10.6	10.6	1.0006	2.7735	0.0002	3.7743	0	0.0273	0	0.0273
1286	11.2	10.6	1.0006	2.7729	0.0002	3.7737	0	0.024	0	0.024

1287	11	10.6	1.0006	2.7733	0.0002	3.7741	0	0.0173	0	0.0173
1288	11.2	10.6	1.0006	2.7731	0.0002	3.7739	0	0.0023	0	0.0023
1289	10.8	10.6	1.0006	2.773	0.0002	3.7738	0	-0.0009	0	-0.0009
1290	10.5	10.7	1.0006	2.7728	0.0002	3.7736	-0.001	-0.0042	0	-0.0051
1291	10.4	10.7	1.0006	2.7728	0.0002	3.7736	-0.001	-0.0132	0	-0.0142
1292	10.6	10.6	1.0006	2.7732	0.0002	3.774	-0.001	-0.0161	0	-0.0171
1293	10.7	10.7	1.0006	2.7736	0.0002	3.7744	-0.001	-0.0083	0	-0.0093
1294	10.5	10.7	1.0006	2.7739	0.0002	3.7747	-0.001	-0.0018	0	-0.0028
1295	10.5	10.7	1.0006	2.7738	0.0002	3.7746	-0.001	-0.0061	0	-0.0071
1296	10.6	10.7	1.0006	2.7738	0.0002	3.7746	-0.001	-0.0075	0	-0.0085
1297	10.5	10.7	1.0006	2.7736	0.0002	3.7744	-0.001	-0.0016	0	-0.0026
1298	10.8	10.7	1.0006	2.7731	0.0002	3.7739	-0.001	-0.0039	0	-0.0049
1299	10.6	10.7	1.0006	2.7729	0.0002	3.7737	-0.001	-0.0081	0	-0.0091
1300	10.6	10.7	1.0006	2.7733	0.0002	3.7741	-0.001	-0.0034	0	-0.0044
1301	10.4	10.8	1.0006	2.7731	0.0002	3.7739	-0.0006	0.0145	0	0.0138
1302	11	10.8	1.0006	2.7734	0.0001	3.7741	-0.0004	0.0148	0	0.0143
1303	10.5	10.8	1.0006	2.7732	0.0001	3.7739	-0.001	0.0171	0	0.0161
1304	10.8	10.8	1.0006	2.773	0.0002	3.7738	-0.001	0.0193	0	0.0183
1305	11	10.8	1.0006	2.7724	0.0002	3.7732	-0.001	0.0253	0	0.0243
1306	11.2	10.8	1.0006	2.772	0.0002	3.7728	-0.001	0.0291	0	0.0281
1307	11.6	10.8	1.0006	2.7711	0.0002	3.7719	-0.0006	0.0374	0	0.0368
1308	10.5	10.9	1.0006	2.7718	0.0002	3.7726	0	0.0445	0	0.0445
1309	10.6	10.9	1.0006	2.7717	0.0002	3.7725	-0.0006	0.0462	0	0.0457
1310	11.3	10.9	1.0006	2.7713	0.0002	3.7721	-0.001	0.0442	0	0.0432
1311	11.1	10.9	1.0006	2.7711	0.0002	3.7719	-0.001	0.0427	0	0.0417
1312	11.3	10.8	1.0006	2.7713	0.0002	3.7721	-0.0003	0.0419	0.0007	0.0424
1313	10.9	10.9	1.0006	2.7711	0.0002	3.7719	0.0007	0.0375	0.001	0.0393
1314	10.3	10.9	1.0006	2.771	0.0002	3.7718	0.001	0.0248	0.0001	0.0259
1315	10.5	10.8	1.0006	2.7711	0.0002	3.7719	0.0001	0.0147	0	0.0148
1316	10.9	10.8	1.0006	2.7711	0.0002	3.7719	0	0.0186	0	0.0186
1317	11.1	10.7	1.0006	2.7709	0.0002	3.7717	0	0.0201	0	0.0201
1318	10.8	10.7	1.0006	2.7703	0.0002	3.7711	0	0.0153	0	0.0153
1319	10.4	10.7	1.0006	2.7703	0.0002	3.7711	0	0.0184	0	0.0184
1320	10.5	10.7	1.0006	2.7708	0.0002	3.7716	0	0.0208	0.0003	0.0211
1321	10.8	10.7	1.0006	2.7708	0.0002	3.7716	0	0.0237	0.001	0.0247
1322	10.6	10.6	1.0006	2.7704	0.0002	3.7712	0	0.0298	0.001	0.0308
1323	10.9	10.6	1.0006	2.7703	0.0002	3.7711	0	0.0334	0.0005	0.0339

1324	10.6	10.6	1.0006	2.7705	0.0002	3.7713	0.0006	0.0293	0.0006	0.0305
1325	10.3	10.6	1.0006	2.7694	0.0002	3.7702	0.001	0.0241	0.001	0.0261
1326	10.7	10.6	1.0006	2.7692	0.0002	3.77	0.001	0.0184	0.001	0.0204
1327	10.5	10.5	1.0006	2.7693	0.0002	3.7701	0.001	0.0128	0.001	0.0148
1328	10.4	10.6	1.0006	2.7688	0.0002	3.7696	0.001	0.001	0.001	0.003
1329	10.6	10.5	1.0006	2.7682	0.0002	3.769	0.001	-0.005	0.001	-0.003
1330	10.6	10.5	1.0006	2.7683	0.0002	3.7691	0.001	-0.0066	0.001	-0.0047
1331	10.8	10.5	1.0006	2.7684	0.0002	3.7692	0	0.0003	0.001	0.0013
1332	10.5	10.5	1.0006	2.7682	0.0002	3.769	0	0.0127	0.001	0.0137
1333	10.3	10.5	1.0006	2.7681	0.0002	3.7689	0	0.01	0.0007	0.0107
1334	10.1	10.5	1.0006	2.7686	0.0002	3.7694	0	0.0199	0	0.0199
1335	10.3	10.5	1.0006	2.7691	0.0002	3.7699	0	0.0259	0	0.0259
1336	10.8	10.5	1.0006	2.7697	0.0002	3.7705	0	0.0192	0	0.0192
1337	10.9	10.5	1.0006	2.7705	0.0002	3.7713	0	0.0082	0	0.0082
1338	10.2	10.5	1.0006	2.7706	0.0002	3.7714	0	0.0042	0	0.0042
1339	10.7	10.5	1.0006	2.7708	0.0002	3.7716	0	0.0097	0	0.0097
1340	10.4	10.5	1.0006	2.7712	0.0002	3.772	0	0.0113	0	0.0113
1341	10.4	10.5	1.0006	2.7722	0.0002	3.773	0	0.0068	0.0009	0.0077
1342	10.6	10.5	1.0006	2.7727	0.0002	3.7735	0.001	0.0043	0.001	0.0062
1343	10.6	10.6	1.0006	2.7726	0.0002	3.7734	0.001	0.0125	0	0.0135
1344	10.5	10.6	1.0006	2.7731	0.0002	3.7739	0	0.0282	0	0.0282
1345	10.6	10.7	1.0006	2.7734	0.0002	3.7742	0	0.0355	0	0.0355
1346	10.4	10.7	1.0006	2.7735	0.0002	3.7743	0	0.0331	0	0.0331
1347	10.3	10.7	1.0006	2.7737	0.0002	3.7745	0.0002	0.0374	0	0.0376
1348	10.6	10.7	1.0006	2.7737	0.0002	3.7745	0.001	0.0347	0.0003	0.036
1349	11.2	10.7	1.0006	2.7737	0.0002	3.7745	0.001	0.0342	0.0006	0.0359
1350	10.7	10.7	1.0006	2.7722	0.0002	3.773	0.001	0.032	0	0.033
1351	10.9	10.8	1.0006	2.7725	0.0002	3.7733	0.001	0.0383	0.0005	0.0399
1352	11	10.8	1.0006	2.7726	0.0002	3.7734	0.001	0.0436	0.0004	0.045
1353	11.3	10.8	1.0006	2.7724	0.0002	3.7732	0.001	0.0472	-0.0008	0.0474
1354	11.1	10.8	1.0006	2.7722	0.0002	3.773	0.001	0.0436	-0.001	0.0436
1355	10.7	10.8	1.0006	2.7718	0.0002	3.7726	0.001	0.0412	0.0008	0.043
1356	11	10.9	1.0006	2.7709	0.0002	3.7717	0.001	0.0301	0.0001	0.0312
1357	10.6	10.9	1.0005	2.7703	0.0002	3.771	0.001	0.0231	0	0.0241
1358	10.7	10.9	1.0006	2.7699	0.0002	3.7707	0.001	0.0166	0	0.0176
1359	11	10.9	1.0006	2.77	0.0002	3.7708	0.001	0.0171	0	0.0181
1360	11	10.9	1.0006	2.7705	0.0002	3.7713	0.001	0.0156	0	0.0166

1361	10.9	10.9	1.0005	2.7706	0.0001	3.7712	0.0007	0.0072	0	0.0079
1362	10.7	10.9	1.0005	2.7705	0.0001	3.7711	0	0.0025	0	0.0025
1363	10.7	10.9	1.0005	2.7709	0.0002	3.7716	0	0.0061	0	0.0061
1364	10.8	10.8	1.0006	2.7713	0.0002	3.772	0	0.0116	0	0.0116
1365	10.9	10.8	1.0006	2.7703	0.0002	3.7711	0	0.0153	0	0.0153
1366	11.4	10.8	1.0006	2.7703	0.0002	3.7711	0	0.0083	0	0.0083
1367	10.9	10.8	1.0006	2.7709	0.0002	3.7717	0	0.0081	0	0.0081
1368	10.5	10.8	1.0006	2.7706	0.0002	3.7714	0	0.0021	0	0.0021
1369	11	10.8	1.0006	2.7703	0.0002	3.7711	0	-0.001	0	-0.001
1370	10.6	10.8	1.0006	2.77	0.0001	3.7707	0	0.0007	0	0.0007
1371	11	10.8	1.0006	2.7698	0.0001	3.7705	0	0.0113	0.0002	0.0115
1372	10.7	10.8	1.0006	2.7695	0.0002	3.7703	0	0.0142	0.001	0.0152
1373	10.6	10.8	1.0005	2.7697	0.0001	3.7704	0	0.0121	0.0006	0.0127
1374	10.7	10.8	1.0005	2.7702	0.0001	3.7708	0	0.0131	0	0.0131
1375	10.8	10.8	1.0005	2.7703	0.0001	3.7709	0	0.0136	0	0.0136
1376	10.4	10.8	1.0005	2.7708	0.0001	3.7714	0	0.0018	0	0.0018
1377	10.6	10.8	1.0005	2.7713	0.0001	3.7719	0.0007	-0.003	0.0007	-0.0017
1378	11.1	10.8	1.0005	2.7712	0.0001	3.7718	0.0002	-0.0048	0.001	-0.0036
1379	10.8	10.8	1.0005	2.7716	0.0001	3.7722	0	-0.0102	0.001	-0.0092
1380	10.7	10.7	1.0006	2.772	0.0001	3.7727	0	-0.0139	0.001	-0.0129
1381	10.8	10.7	1.0006	2.7716	0.0001	3.7723	0	-0.0278	0.001	-0.0268
1382	10.8	10.7	1.0006	2.7721	0.0001	3.7728	0	-0.0228	0.001	-0.0218
1383	11	10.7	1.0006	2.7716	0.0002	3.7724	0.0001	-0.0254	0.001	-0.0244
1384	11.1	10.7	1.0006	2.7713	0.0002	3.7721	0.001	-0.0257	0.001	-0.0237
1385	11.1	10.7	1.0006	2.7716	0.0002	3.7724	0.001	-0.0247	0.001	-0.0227
1386	10.7	10.8	1.0006	2.7721	0.0002	3.7729	0.001	-0.0255	0.001	-0.0235
1387	10.5	10.8	1.0006	2.7728	0.0002	3.7736	0.001	-0.0209	0.001	-0.0189
1388	10.4	10.8	1.0006	2.7721	0.0002	3.7729	0.001	-0.0186	0.001	-0.0166
1389	10.3	10.8	1.0006	2.7719	0.0002	3.7727	0.001	-0.0194	0.001	-0.0174
1390	10.4	10.8	1.0006	2.7721	0.0001	3.7728	0.001	-0.021	0.001	-0.019
1391	10.9	10.8	1.0005	2.7724	0.0001	3.773	0.001	-0.0177	0.001	-0.0157
1392	11	10.8	1.0005	2.7719	0.0002	3.7726	0.001	-0.0045	0.001	-0.0025
1393	10.7	10.7	1.0006	2.7708	0.0002	3.7716	0.001	0.0031	0.001	0.0051
1394	10.8	10.7	1.0006	2.7703	0.0002	3.7711	0.001	0.0037	0.001	0.0057
1395	10.7	10.7	1.0006	2.7704	0.0002	3.7712	0.001	0.0092	0.001	0.0112
1396	10.9	10.7	1.0006	2.7701	0.0002	3.7708	0.001	0.0152	0.001	0.0172
1397	10.9	10.7	1.0005	2.7701	0.0002	3.7708	0.001	0.0238	0.001	0.0258

1398	10.8	10.7	1.0005	2.7696	0.0001	3.7703	0.001	0.0184	0.001	0.0204
1399	10.8	10.8	1.0005	2.7697	0.0002	3.7704	0.001	0.0267	0.001	0.0287
1400	10.7	10.8	1.0005	2.7695	0.0001	3.7701	0.001	0.0274	0.001	0.0294
1401	10.7	10.8	1.0005	2.7687	0.0002	3.7694	0.001	0.0103	0.001	0.0123
1402	10.4	10.8	1.0005	2.7687	0.0002	3.7694	0.001	0.0118	0.001	0.0138
1403	10.6	10.8	1.0005	2.7688	0.0002	3.7695	0.001	0.0111	0.001	0.0131
1404	11	10.8	1.0005	2.7689	0.0001	3.7695	0.001	0.0056	0.001	0.0076
1405	11.3	10.8	1.0005	2.7694	0.0002	3.7701	0.001	0.0008	0.001	0.0028
1406	10.4	10.8	1.0005	2.7697	0.0002	3.7704	0.001	-0.0035	0.001	-0.0015
1407	10.9	10.8	1.0005	2.7695	0.0002	3.7702	0.0006	-0.0106	0.0003	-0.0097
1408	11	10.8	1.0005	2.7701	0.0002	3.7708	0	-0.0148	0.0008	-0.014
1409	10.5	10.8	1.0005	2.7701	0.0002	3.7708	0.0006	-0.0089	0.001	-0.0073
1410	10.6	10.8	1.0005	2.7705	0.0002	3.7713	0.001	-0.007	0.001	-0.005
1411	10.8	10.8	1.0006	2.7708	0.0002	3.7716	0.001	0.0006	0.001	0.0026
1412	11	10.8	1.0006	2.7706	0.0002	3.7714	0.0003	0.0084	0.0003	0.009
1413	11.2	10.9	1.0006	2.7699	0.0002	3.7707	0	0.0072	-0.0001	0.0071
1414	10.7	10.9	1.0006	2.7695	0.0002	3.7703	0	0.0153	-0.0001	0.0152
1415	11	10.9	1.0006	2.7703	0.0002	3.7711	0.0009	0.0248	0	0.0256
1416	10.7	10.9	1.0006	2.7703	0.0002	3.7711	0.001	0.0141	0.0004	0.0155
1417	11.1	10.9	1.0006	2.7707	0.0002	3.7715	0.001	0.0179	0.0006	0.0195
1418	10.3	10.8	1.0006	2.7704	0.0002	3.7712	0.001	0.0294	0	0.0304
1419	10.6	10.9	1.0006	2.7702	0.0002	3.771	0.0004	0.0397	0	0.0401
1420	11	10.9	1.0006	2.7696	0.0002	3.7704	0	0.0484	-0.0003	0.0481
1421	11.4	10.9	1.0006	2.7694	0.0001	3.7701	0	0.0658	-0.001	0.0648
1422	11.2	10.9	1.0006	2.7692	0.0001	3.77	0	0.0566	-0.001	0.0556
1423	10.9	10.8	1.0006	2.769	0.0002	3.7698	0	0.0553	-0.0005	0.0548
1424	11	10.8	1.0006	2.7691	0.0002	3.7699	-0.0006	0.0499	-0.0006	0.0487
1425	10.8	10.8	1.0006	2.7692	0.0002	3.77	-0.001	0.057	-0.001	0.055
1426	10.6	10.8	1.0005	2.7695	0.0001	3.7702	-0.001	0.051	-0.001	0.049
1427	10.8	10.8	1.0006	2.7698	0.0001	3.7704	-0.001	0.059	-0.001	0.057
1428	11	10.8	1.0006	2.7698	0.0001	3.7705	-0.001	0.0665	-0.001	0.0645
1429	11.2	10.8	1.0006	2.7696	0.0001	3.7703	-0.001	0.0601	-0.001	0.0581
1430	10.4	10.8	1.0006	2.7711	0.0001	3.7718	-0.001	0.0546	-0.001	0.0526
1431	10.8	10.8	1.0006	2.7707	0.0001	3.7714	0	0.0499	-0.001	0.0489
1432	10.6	10.7	1.0006	2.7708	0.0001	3.7715	-0.0005	0.043	-0.001	0.0415
1433	10.6	10.7	1.0005	2.7706	0.0001	3.7712	-0.001	0.0522	-0.0007	0.0505
1434	10.3	10.7	1.0005	2.7711	0.0001	3.7717	-0.0003	0.0516	0	0.0513

1435	10.5	10.7	1.0005	2.7716	0.0001	3.7722	0	0.053	0	0.053
1436	10.8	10.7	1.0005	2.7718	0.0001	3.7724	0	0.0609	0	0.0609
1437	10.6	10.7	1.0005	2.7724	0.0001	3.773	0	0.067	0	0.067
1438	10.8	10.7	1.0005	2.7725	0.0001	3.7731	0	0.0744	0	0.0744
1439	10.8	10.6	1.0005	2.7729	0.0001	3.7735	0	0.0613	0	0.0613
1440	11	10.7	1.0005	2.773	0.0001	3.7736	0	0.053	0	0.053
1441	10.7	10.7	1.0005	2.7727	0.0001	3.7733	0	0.0646	-0.0009	0.0637
1442	10.5	10.7	1.0005	2.7724	0.0001	3.773	-0.001	0.0644	-0.001	0.0624
1443	10.8	10.7	1.0005	2.7722	0.0001	3.7728	-0.0004	0.0635	0	0.063
1444	11	10.7	1.0005	2.7722	0.0001	3.7728	0.0027	0.0544	0	0.0571
1445	10.6	10.8	1.0005	2.7719	0.0001	3.7725	0.0035	0.0548	0	0.0583
1446	10.5	10.8	1.0005	2.7711	0.0001	3.7717	0.0046	0.0666	0	0.0712
1447	10.3	10.8	1.0005	2.7719	0.0001	3.7725	0.0022	0.0682	0	0.0704
1448	10.6	10.8	1.0005	2.771	0.0001	3.7716	-0.0009	0.0602	-0.0003	0.0591
1449	11	10.9	1.0005	2.7709	0.0001	3.7715	-0.0027	0.0447	-0.0006	0.0414
1450	10.9	10.9	1.0005	2.7712	0.0001	3.7718	-0.0007	0.0414	0	0.0408
1451	10.4	10.9	1.0005	2.7713	0.0001	3.7719	0.0009	0.0362	-0.0005	0.0366
1452	10.9	10.9	1.0005	2.7715	0.0001	3.7721	0.0001	0.0257	-0.0004	0.0253
1453	11.1	10.9	1.0005	2.7718	0.0001	3.7724	0	0.0227	0	0.0227
1454	11.2	10.9	1.0005	2.7721	0.0001	3.7727	0	0.019	0	0.019
1455	11.3	10.9	1.0005	2.7721	0.0001	3.7727	-0.0002	0.0292	-0.0009	0.0282
1456	11.3	10.9	1.0005	2.772	0.0002	3.7726	-0.001	0.0299	-0.0001	0.0289
1457	11	10.9	1.0005	2.7717	0.0001	3.7723	-0.001	0.0323	0	0.0313
1458	11.2	10.9	1.0005	2.7708	0.0001	3.7714	-0.001	0.0281	0	0.0271
1459	11.2	10.9	1.0005	2.7707	0.0001	3.7713	-0.001	0.0297	0	0.0287
1460	11	10.9	1.0005	2.7705	0.0001	3.7711	-0.001	0.0365	0	0.0355
1461	11.1	10.9	1.0005	2.7697	0.0001	3.7703	-0.0007	0.0386	0	0.0379
1462	10.7	10.9	1.0005	2.7698	0.0001	3.7704	0	0.0394	0	0.0394
1463	10.4	10.9	1.0005	2.7694	0.0002	3.7701	0	0.0457	0	0.0457
1464	10.7	10.9	1.0005	2.7688	0.0002	3.7695	0	0.0366	0	0.0366
1465	11	10.9	1.0005	2.7689	0.0002	3.7696	0	0.0359	0	0.0359
1466	11	10.8	1.0005	2.7685	0.0001	3.7692	0	0.0364	0	0.0364
1467	10.6	10.8	1.0005	2.7679	0.0002	3.7686	0	0.0259	0	0.0259
1468	10.6	10.8	1.0006	2.7666	0.0002	3.7674	0	0.0257	0	0.0257
1469	10.4	10.8	1.0006	2.7655	0.0002	3.7663	0	0.0223	0	0.0223
1470	10.8	10.8	1.0006	2.7634	0.0002	3.7642	0	0.0169	0	0.0169
1471	10.7	10.7	1.0006	2.7641	0.0002	3.7649	0	0.0053	0.0001	0.0055

1472	10.7	10.7	1.0006	2.764	0.0002	3.7648	0	-0.0085	0	-0.0085
1473	11.1	10.7	1.0006	2.7647	0.0002	3.7655	0	-0.0147	0.0004	-0.0144
1474	11	10.7	1.0006	2.7645	0.0002	3.7653	0	-0.0187	0.001	-0.0177
1475	10.9	10.7	1.0006	2.7652	0.0002	3.766	0	-0.0193	0.0003	-0.019
1476	11	10.7	1.0006	2.7649	0.0002	3.7657	0	-0.0136	0	-0.0136
1477	10.9	10.7	1.0006	2.7647	0.0002	3.7655	-0.0007	-0.0061	0.0001	-0.0067
1478	10.6	10.7	1.0006	2.7652	0.0002	3.766	-0.0002	-0.0025	0	-0.0027
1479	10.3	10.8	1.0006	2.7662	0.0002	3.767	0	-0.0061	-0.0008	-0.0069
1480	10.2	10.7	1.0006	2.767	0.0002	3.7678	0	-0.0079	-0.001	-0.0089
1481	10.5	10.7	1.0007	2.7673	0.0002	3.7681	0	0.0038	-0.001	0.0028
1482	10.7	10.7	1.0007	2.7669	0.0002	3.7678	0	-0.0077	-0.001	-0.0087
1483	10.5	10.7	1.0006	2.7665	0.0002	3.7673	-0.0001	-0.0022	-0.001	-0.0032
1484	10.4	10.7	1.0006	2.766	0.0002	3.7668	-0.001	-0.0048	-0.001	-0.0068
1485	10.8	10.7	1.0006	2.7655	0.0002	3.7663	-0.001	-0.0034	-0.001	-0.0054
1486	11.6	10.7	1.0006	2.7654	0.0002	3.7662	-0.001	-0.0026	-0.0007	-0.0043
1487	10.3	10.6	1.0006	2.7654	0.0002	3.7662	-0.001	-0.0012	0	-0.0022
1488	11.1	10.6	1.0006	2.766	0.0002	3.7668	-0.001	0.003	0	0.002
1489	10.2	10.6	1.0006	2.7666	0.0002	3.7674	-0.001	0.003	-0.0005	0.0014
1490	11.1	10.6	1.0006	2.7656	0.0002	3.7664	-0.0004	0.0072	-0.001	0.0058
1491	10.3	10.6	1.0006	2.766	0.0002	3.7668	0	0.0075	-0.001	0.0065
1492	10.9	10.6	1.0005	2.7656	0.0002	3.7663	0	0.0048	-0.001	0.0038
1493	10.6	10.6	1.0003	2.7653	0.0002	3.7659	0	0.0026	-0.0001	0.0025
1494	10.7	10.6	1.0003	2.7648	0.0002	3.7653	-0.0009	0.0021	0	0.0012
1495	10.6	10.6	1.0001	2.7638	0.0002	3.7641	0	0.004	0	0.004
1496	10.7	10.6	1.0004	2.7632	0.0002	3.7638	0	0.0037	0	0.0037
1497	10.2	10.6	1.0006	2.7641	0.0002	3.7649	0	0.0005	0	0.0005
1498	10.5	10.6	1.0008	2.7652	0.0002	3.7661	0	0.0166	0	0.0166
1499	10.1	10.6	1.0006	2.7656	0.0002	3.7663	0	0.0161	0	0.0161
1500	10.6	10.5	1.0004	2.7659	0.0002	3.7665	0	0.0138	0	0.0138
1501	10.3	10.5	1.0005	2.7662	0.0002	3.7669	0	0.0166	0	0.0166
1502	10.4	10.5	1.0005	2.7664	0.0002	3.7671	0	0.0165	0	0.0165
1503	10.4	10.5	1.0005	2.7669	0.0002	3.7676	-0.0006	0.0168	-0.0006	0.0156
1504	11.2	10.5	1.0005	2.766	0.0002	3.7667	-0.0003	0.016	-0.0003	0.0154
1505	10.7	10.5	1.0006	2.7664	0.0002	3.7672	0	0.0226	0	0.0226
1506	10.4	10.5	1.0006	2.7665	0.0002	3.7673	0	0.0237	0	0.0237
1507	10.6	10.6	1.0006	2.7667	0.0002	3.7675	0	0.0206	0.0007	0.0214
1508	10.4	10.6	1.0006	2.7671	0.0002	3.7679	0	0.0203	-0.0008	0.0195

1509	10.4	10.6	1.0006	2.7665	0.0002	3.7673	0	0.006	-0.001	0.005
1510	10.4	10.6	1.0006	2.7667	0.0002	3.7675	0	0.0036	-0.001	0.0026
1511	10.6	10.6	1.0006	2.7669	0.0002	3.7677	0	-0.0013	-0.001	-0.0023
1512	10.6	10.7	1.0006	2.7661	0.0002	3.7669	0	-0.0019	-0.001	-0.0029
1513	10.9	10.7	1.0006	2.7663	0.0002	3.7671	0	0.004	-0.0009	0.0031
1514	10.6	10.7	1.0006	2.7659	0.0002	3.7667	0	-0.0028	0	-0.0028
1515	11	10.7	1.0006	2.7666	0.0002	3.7674	-0.0003	-0.0091	0	-0.0094
1516	10.4	10.7	1.0006	2.7677	0.0002	3.7685	-0.001	-0.0061	-0.0004	-0.0074
1517	10.6	10.7	1.0006	2.7681	0.0002	3.7689	-0.001	-0.015	-0.0006	-0.0165
1518	11	10.7	1.0006	2.7682	0.0002	3.769	-0.001	-0.0218	0	-0.0228
1519	10.7	10.8	1.0006	2.7685	0.0002	3.7693	-0.0004	-0.0371	0	-0.0374
1520	10.6	10.8	1.0006	2.7691	0.0002	3.7699	0	-0.0492	0	-0.0492
1521	11.2	10.8	1.0006	2.7702	0.0001	3.7709	0	-0.0686	0	-0.0686
1522	11	10.8	1.0006	2.7707	0.0001	3.7714	0	-0.0599	0	-0.0599
1523	10.6	10.8	1.0006	2.7709	0.0001	3.7716	0	-0.0588	0	-0.0588
1524	11.1	10.8	1.0006	2.771	0.0002	3.7718	0	-0.0541	0	-0.0541
1525	10.8	10.8	1.0006	2.7706	0.0002	3.7714	-0.0007	-0.0587	0	-0.0594
1526	10.6	10.8	1.0006	2.7701	0.0001	3.7708	-0.001	-0.0523	0	-0.0533
1527	11.2	10.8	1.0006	2.77	0.0001	3.7707	-0.001	-0.0589	0	-0.0599
1528	11.1	10.8	1.0006	2.7704	0.0002	3.7712	-0.001	-0.053	0	-0.054
1529	11.3	10.8	1.0006	2.7704	0.0002	3.7712	-0.001	-0.0408	0	-0.0418
1530	10.6	10.8	1.0006	2.7707	0.0002	3.7715	-0.0001	-0.0314	0.0009	-0.0306
1531	10.8	10.8	1.0006	2.7715	0.0002	3.7723	-0.0009	-0.0119	0.001	-0.0118
1532	10.8	10.7	1.0006	2.771	0.0002	3.7718	-0.0005	-0.004	0.0001	-0.0043
1533	10.6	10.7	1.0006	2.7711	0.0002	3.7719	0.0009	-0.0054	0.0009	-0.0035
1534	10.2	10.7	1.0006	2.7714	0.0002	3.7722	0.0003	-0.0157	0.001	-0.0144
1535	10.4	10.7	1.0006	2.7719	0.0002	3.7727	0	-0.0131	0.001	-0.0121
1536	10.8	10.7	1.0006	2.7719	0.0001	3.7726	0	-0.0235	0.001	-0.0225
1537	10.7	10.6	1.0006	2.7721	0.0001	3.7728	0	-0.0241	0.001	-0.0231
1538	10.7	10.6	1.0006	2.7722	0.0002	3.773	0.001	-0.0368	0.001	-0.0349
1539	10.6	10.6	1.0005	2.7722	0.0002	3.7729	0.001	-0.0351	0.001	-0.0331
1540	10.7	10.6	1.0005	2.7723	0.0002	3.773	0.001	-0.0363	0.001	-0.0343
1541	10.5	10.6	1.0005	2.7722	0.0002	3.7729	0.001	-0.0492	0.0001	-0.0481
1542	10.4	10.6	1.0005	2.7721	0.0001	3.7727	0.001	-0.0514	0.001	-0.0494
1543	10.7	10.6	1.0006	2.772	0.0001	3.7727	0.0004	-0.0611	0.001	-0.0596
1544	10.2	10.6	1.0005	2.7718	0.0001	3.7724	-0.0017	-0.0556	0.001	-0.0563
1545	10.5	10.6	1.0005	2.7716	0.0001	3.7722	-0.0025	-0.0549	0.001	-0.0564

1546	10.7	10.6	1.0005	2.7711	0.0001	3.7717	-0.0036	-0.0605	0.001	-0.0632
1547	10.5	10.6	1.0005	2.7702	0.0001	3.7708	-0.0015	-0.0586	0.001	-0.059
1548	11	10.6	1.0005	2.7694	0.0001	3.77	0.0009	-0.0423	0.001	-0.0404
1549	10.4	10.7	1.0005	2.7696	0.0001	3.7702	0.0027	-0.0251	0.001	-0.0213
1550	10.3	10.7	1.0005	2.7695	0.0001	3.7701	0.0007	-0.0167	0.001	-0.015
1551	10.9	10.7	1.0005	2.7696	0.0001	3.7702	-0.0009	-0.0163	0.001	-0.0162
1552	10.6	10.7	1.0006	2.7698	0.0002	3.7705	-0.0001	-0.0192	0.001	-0.0183
1553	10.8	10.6	1.0005	2.7702	0.0001	3.7709	0	-0.0213	0.001	-0.0203
1554	10.8	10.7	1.0005	2.7698	0.0001	3.7704	-0.0005	-0.0164	0.001	-0.016
1555	10.7	10.7	1.0005	2.7698	0.0001	3.7704	-0.0003	-0.0266	0.001	-0.0259
1556	10.8	10.7	1.0005	2.7699	0.0001	3.7705	0.001	-0.0299	0.001	-0.0279
1557	11.1	10.7	1.0005	2.7697	0.0002	3.7704	0.001	-0.0378	0.001	-0.0358
1558	10.9	10.6	1.0005	2.7702	0.0002	3.7709	0.001	-0.0431	0.001	-0.0411
1559	11.1	10.6	1.0005	2.7703	0.0002	3.771	0.001	-0.0423	0.001	-0.0403
1560	10.3	10.7	1.0005	2.7706	0.0002	3.7713	0.0003	-0.0517	0.001	-0.0505
1561	10	10.7	1.0005	2.7699	0.0002	3.7706	0.0008	-0.0548	0.001	-0.0531
1562	10.5	10.7	1.0005	2.7694	0.0002	3.7701	0.001	-0.0568	0.001	-0.0548
1563	11.1	10.7	1.0005	2.7697	0.0002	3.7704	0.001	-0.0644	0.001	-0.0624
1564	10.5	10.7	1.0005	2.7697	0.0002	3.7704	0.001	-0.0609	0.001	-0.0589
1565	10.2	10.7	1.0006	2.7695	0.0002	3.7703	0.001	-0.0725	0.001	-0.0705
1566	10.6	10.6	1.0006	2.77	0.0002	3.7708	0.001	-0.0646	0.001	-0.0626
1567	10.4	10.6	1.0006	2.7701	0.0002	3.7709	0.001	-0.0505	0.001	-0.0485
1568	10.5	10.5	1.0006	2.7703	0.0002	3.7711	0.001	-0.0467	0.001	-0.0447
1569	10.8	10.5	1.0006	2.7704	0.0002	3.7712	0.001	-0.0443	0.001	-0.0423
1570	10.7	10.5	1.0006	2.7703	0.0002	3.7711	0.001	-0.0423	0.0003	-0.0411
1571	10.9	10.5	1.0006	2.7701	0.0002	3.7709	0.001	-0.0348	-0.0003	-0.0342
1572	10.8	10.5	1.0006	2.7699	0.0002	3.7707	0.001	-0.0157	-0.0002	-0.015
1573	10.8	10.5	1.0006	2.7701	0.0002	3.7709	0.001	-0.0075	0	-0.0065
1574	10.6	10.4	1.0007	2.7703	0.0002	3.7712	0.001	0.0014	0	0.0024
1575	10.2	10.4	1.0007	2.7704	0.0002	3.7713	0.001	0.0098	0.0007	0.0115
1576	10.3	10.4	1.0007	2.7708	0.0002	3.7717	0.001	0.0039	0.001	0.0059
1577	10.1	10.4	1.0007	2.77	0.0002	3.7709	0.001	-0.0011	-0.0005	-0.0006
1578	10.1	10.4	1.0007	2.7693	0.0002	3.7702	0.001	-0.0012	-0.001	-0.0012
1579	10.5	10.4	1.0006	2.7693	0.0001	3.77	0.001	0.0054	-0.0002	0.0062
1580	10.3	10.4	1.0007	2.7682	0.0001	3.769	0.0002	0.0115	0	0.0117
1581	10.7	10.5	1.0007	2.7676	0.0002	3.7685	0	0.012	0	0.012
1582	10.1	10.4	1.0006	2.7674	0.0001	3.7681	0	0.0122	0	0.0122

1583	9.79	10.4	1.0006	2.768	0.0001	3.7687	0	0.0044	0	0.0044
1584	10	10.5	1.0006	2.7674	0.0001	3.7681	0	0.0043	0.0009	0.0052
1585	11	10.6	1.0006	2.7679	0.0001	3.7686	0.0009	0.0045	0.001	0.0064
1586	10.2	10.6	1.0006	2.7678	0.0001	3.7685	0.001	0.0098	-0.0001	0.0107
1587	10.6	10.6	1.0005	2.7691	0.0001	3.7697	0.001	0.015	-0.001	0.015
1588	10.7	10.6	1.0005	2.7695	0.0001	3.7701	0.001	0.0231	-0.001	0.0231
1589	10.9	10.6	1.0005	2.7702	0.0001	3.7708	0.001	0.035	0.0005	0.0365
1590	11.1	10.6	1.0005	2.7705	0.0002	3.7712	-0.0006	0.0378	0.001	0.0382
1591	10.6	10.6	1.0005	2.7711	0.0001	3.7717	-0.001	0.034	0.001	0.034
1592	10.9	10.6	1.0005	2.7717	0.0001	3.7723	-0.001	0.0461	0	0.0451
1593	11.2	10.7	1.0005	2.7709	0.0001	3.7715	-0.001	0.0446	-0.0009	0.0427
1594	11.5	10.8	1.0005	2.7703	0.0001	3.7709	-0.0001	0.0464	-0.001	0.0454
1595	10.3	10.7	1.0005	2.7698	0.0001	3.7704	-0.0007	0.0475	-0.0007	0.046
1596	10.3	10.8	1.0005	2.7691	0.0001	3.7697	0	0.0468	0	0.0468
1597	10.4	10.8	1.0005	2.7683	0.0001	3.7689	0	0.0349	-0.0004	0.0345
1598	10.5	10.7	1.0005	2.7677	0.0001	3.7683	0	0.0245	-0.0006	0.0239
1599	10.7	10.7	1.0005	2.7672	0.0001	3.7678	0	0.0177	-0.0005	0.0172
1600	11.1	10.7	1.0005	2.7675	0.0001	3.7681	0	0.0233	-0.001	0.0223
1601	10.5	10.7	1.0005	2.7681	0.0001	3.7687	0	0.0234	-0.001	0.0224
1602	10.8	10.7	1.0005	2.7685	0.0001	3.7691	0	0.0245	-0.001	0.0235
1603	11.1	10.7	1.0006	2.7685	0.0001	3.7692	-0.0001	0.0232	-0.0004	0.0226
1604	10.8	10.6	1.0005	2.7686	0.0001	3.7693	-0.0007	0.031	-0.0007	0.0296
1605	10.7	10.7	1.0005	2.7694	0.0001	3.77	-0.0003	0.0269	-0.001	0.0257
1606	10.2	10.7	1.0005	2.7703	0.0001	3.7709	0	0.0248	-0.001	0.0238
1607	10.5	10.7	1.0005	2.771	0.0001	3.7716	0	0.0203	-0.001	0.0193
1608	10.7	10.7	1.0005	2.7713	0.0001	3.7719	-0.0008	0.0171	0	0.0162
1609	10.4	10.8	1.0006	2.7716	0.0001	3.7723	-0.001	0.015	0	0.014
1610	10.2	10.8	1.0005	2.7722	0.0001	3.7728	-0.001	0.0104	0	0.0094
1611	10.6	10.8	1.0005	2.7725	0.0001	3.7731	-0.001	0.0143	0	0.0133
1612	11.1	10.8	1.0005	2.7725	0.0001	3.7731	-0.001	0.0114	0	0.0104
1613	11.2	10.8	1.0005	2.7723	0.0001	3.7729	-0.001	0.0093	0	0.0083
1614	10.8	10.8	1.0005	2.7732	0.0001	3.7738	-0.001	0.0223	0	0.0213
1615	10.5	10.9	1.0005	2.7731	0.0001	3.7737	-0.0007	0.0192	0	0.0186
1616	10.9	10.9	1.0005	2.7728	0.0001	3.7734	0	0.0147	0.0008	0.0155
1617	11.3	10.9	1.0005	2.7728	0.0001	3.7734	0	0.0218	0.0002	0.022
1618	11	10.9	1.0005	2.7726	0.0001	3.7732	0	0.0191	0	0.0191
1619	11.1	10.9	1.0005	2.7728	0.0002	3.7735	0	0.0186	0	0.0186

1620	10.8	11	1.0005	2.7726	0.0002	3.7733	0	0.0161	0	0.0161
1621	11.3	11	1.0005	2.7718	0.0001	3.7724	0	0.017	0	0.017
1622	10.9	11	1.0005	2.7715	0.0001	3.7721	0.0006	0.0157	0.0006	0.0169
1623	11.4	10.9	1.0005	2.7707	0.0001	3.7713	0.001	0.0139	0.001	0.0159
1624	11.4	11	1.0005	2.7701	0.0001	3.7707	0.001	0.019	0.001	0.021
1625	11	11	1.0005	2.7702	0.0001	3.7708	0.0017	0.0184	0.001	0.0211
1626	10.8	10.9	1.0005	2.7702	0.0002	3.7709	0.002	0.0156	0.001	0.0186
1627	11.1	10.9	1.0005	2.7701	0.0002	3.7708	0.002	0.0205	0.001	0.0235
1628	10.6	10.9	1.0005	2.7699	0.0002	3.7706	0.002	0.0098	0.001	0.0128
1629	10.8	10.9	1.0006	2.7693	0.0002	3.77	0.002	0.0019	0.001	0.0049
1630	11.2	10.9	1.0006	2.7695	0.0002	3.7703	0.0003	0.0027	-0.0007	0.0023
1631	10.4	10.9	1.0006	2.7703	0.0002	3.7711	0.0017	-0.0086	-0.0001	-0.007
1632	10.8	11	1.0006	2.7706	0.0002	3.7714	0.002	-0.0082	0	-0.0062
1633	11.1	11	1.0006	2.7707	0.0001	3.7714	0.0011	-0.0002	-0.0009	0
1634	10.6	11	1.0005	2.771	0.0001	3.7716	0.001	0.0104	-0.001	0.0104
1635	10.3	11	1.0005	2.7709	0.0002	3.7716	0.001	0.0067	0	0.0077
1636	11.1	11	1.0005	2.7704	0.0002	3.7711	0.001	0.0129	0	0.0139
1637	10.5	11	1.0005	2.7698	0.0002	3.7705	0.001	0.0075	-0.0002	0.0083
1638	11.3	11	1.0005	2.7687	0.0001	3.7693	0	0.0176	-0.0007	0.0169
1639	10.8	11	1.0006	2.7684	0.0001	3.7691	0	0.0207	0	0.0207
1640	11.3	11	1.0006	2.7689	0.0001	3.7696	0	0.0264	-0.0003	0.0261
1641	11.8	11	1.0006	2.7676	0.0002	3.7684	0	0.0283	-0.0001	0.0283
1642	11.5	11	1.0006	2.7677	0.0002	3.7685	0	0.0335	-0.001	0.0325
1643	11.2	11	1.0006	2.7674	0.0002	3.7682	0	0.0387	-0.0006	0.0381
1644	11.8	11	1.0006	2.767	0.0002	3.7678	0	0.0311	0	0.0311
1645	10.9	11	1.0005	2.7669	0.0001	3.7675	0	0.0248	0	0.0248
1646	10.5	11	1.0005	2.7676	0.0001	3.7682	0	0.0236	0	0.0236
1647	10.7	11	1.0005	2.7677	0.0002	3.7684	0	0.0191	0	0.0191
1648	10.8	11	1.0005	2.7676	0.0001	3.7683	0	0.0085	-0.0005	0.008
1649	10.9	11	1.0005	2.7672	0.0002	3.7679	0	0.0006	-0.001	-0.0004
1650	10.8	11	1.0005	2.7672	0.0002	3.7679	0	-0.0041	-0.001	-0.0051
1651	10.7	10.9	1.0005	2.7672	0.0002	3.7679	-0.0007	-0.0031	-0.001	-0.0047
1652	10.7	10.9	1.0006	2.7675	0.0002	3.7683	-0.001	0	-0.001	-0.002
1653	10.6	10.9	1.0006	2.7671	0.0002	3.7679	-0.001	0.0073	-0.001	0.0053
1654	10.8	10.8	1.0005	2.7671	0.0002	3.7678	-0.0005	0.0055	-0.001	0.004
1655	11.1	10.8	1.0005	2.7673	0.0002	3.768	-0.0006	0.0029	-0.001	0.0013
1656	10.9	10.8	1.0005	2.7679	0.0002	3.7686	-0.001	0.0118	-0.001	0.0098

1657	11.3	10.8	1.0006	2.768	0.0002	3.7688	-0.001	0.0176	-0.001	0.0156
1658	11.2	10.8	1.0006	2.7687	0.0002	3.7695	-0.001	0.022	-0.001	0.02
1659	10.8	10.8	1.0006	2.7693	0.0002	3.7701	-0.001	0.0261	-0.001	0.0241
1660	10.5	10.8	1.0006	2.7692	0.0002	3.77	-0.0003	0.0232	-0.001	0.0219
1661	10.7	10.8	1.0006	2.7688	0.0002	3.7696	-0.0001	0.0236	-0.001	0.0225
1662	10.8	10.8	1.0006	2.7684	0.0002	3.7692	-0.0007	0.025	-0.001	0.0233
1663	10.9	10.9	1.0006	2.7675	0.0002	3.7683	-0.001	0.0257	-0.001	0.0237
1664	11	10.9	1.0006	2.7678	0.0002	3.7686	-0.001	0.0258	-0.001	0.0238
1665	10.8	10.9	1.0006	2.7681	0.0001	3.7688	-0.001	0.034	-0.001	0.032
1666	10.4	10.9	1.0006	2.7678	0.0002	3.7686	-0.001	0.0352	-0.001	0.0332
1667	10.6	10.9	1.0006	2.7682	0.0002	3.769	-0.001	0.0336	-0.001	0.0316
1668	10.7	10.8	1.0006	2.7684	0.0002	3.7692	-0.001	0.0353	-0.0002	0.0341
1669	10.8	10.8	1.0006	2.7688	0.0002	3.7696	-0.001	0.0331	0	0.0321
1670	11	10.9	1.0006	2.7686	0.0002	3.7694	-0.001	0.0439	0.0007	0.0436
1671	11.1	10.8	1.0005	2.7685	0.0001	3.7692	-0.001	0.041	0	0.0401
1672	11.2	10.9	1.0005	2.7685	0.0001	3.7691	-0.001	0.0402	-0.0008	0.0385
1673	11.5	10.9	1.0005	2.7682	0.0001	3.7688	-0.001	0.0367	-0.001	0.0347
1674	11.4	10.9	1.0005	2.7685	0.0001	3.7691	-0.001	0.031	-0.0009	0.0291
1675	10.8	10.8	1.0005	2.7688	0.0001	3.7694	-0.001	0.0235	0	0.0225
1676	10.6	10.9	1.0005	2.7688	0.0001	3.7694	-0.001	0.0262	0	0.0252
1677	10.5	10.8	1.0005	2.769	0.0001	3.7696	-0.001	0.028	0.0004	0.0274
1678	10.7	10.9	1.0005	2.7691	0.0001	3.7697	-0.001	0.0196	0.0004	0.019
1679	10.7	10.8	1.0006	2.769	0.0002	3.7698	-0.0006	0.01	0.001	0.0104
1680	10.4	10.9	1.0005	2.7691	0.0001	3.7697	0.0008	0.0005	0.0006	0.0018
1681	11.1	10.9	1.0005	2.7685	0.0002	3.7692	0.001	0.0064	0	0.0074
1682	11.2	10.9	1.0005	2.7674	0.0002	3.7681	0.001	0.0166	0	0.0176
1683	10.7	10.9	1.0005	2.767	0.0002	3.7677	0.001	0.0202	0	0.0212
1684	10.5	10.8	1.0005	2.7667	0.0001	3.7673	0.001	0.0203	-0.0009	0.0204
1685	10.8	10.8	1.0005	2.7666	0.0001	3.7672	0.0001	0.0206	-0.001	0.0197
1686	10.6	10.8	1.0005	2.7671	0.0001	3.7677	0	0.0175	-0.0002	0.0173
1687	10.8	10.9	1.0005	2.7673	0.0002	3.768	0	0.0087	0	0.0087
1688	10.7	10.9	1.0005	2.7674	0.0001	3.768	-0.0005	-0.0015	0	-0.002
1689	11	10.9	1.0005	2.7676	0.0001	3.7682	-0.001	-0.0164	-0.001	-0.0184
1690	11.5	11	1.0005	2.7677	0.0002	3.7684	0	-0.0193	-0.001	-0.0203
1691	11.6	11	1.0005	2.7677	0.0002	3.7684	0	-0.0146	-0.001	-0.0156
1692	11.2	11	1.0005	2.7678	0.0002	3.7685	0	-0.0241	0	-0.0241
1693	10.7	11	1.0005	2.7678	0.0001	3.7684	0	-0.0195	0	-0.0195

1694	10.7	11	1.0005	2.7678	0.0001	3.7684	0	-0.0233	0	-0.0233
1695	10.6	11	1.0005	2.7675	0.0001	3.7681	0.0004	-0.0282	-0.0003	-0.028
1696	11	11	1.0005	2.7672	0.0001	3.7678	0	-0.0326	-0.001	-0.0336
1697	11.2	11	1.0005	2.7675	0.0002	3.7681	0	-0.0261	-0.0006	-0.0267
1698	11.3	11	1.0005	2.7676	0.0002	3.7683	0	-0.0241	-0.0004	-0.0246
1699	11.5	10.9	1.0005	2.7676	0.0002	3.7683	-0.0006	-0.0213	-0.0005	-0.0224
1700	11.5	10.9	1.0006	2.7678	0.0002	3.7686	-0.001	-0.0198	0	-0.0208
1701	10.9	10.9	1.0006	2.7681	0.0002	3.7689	-0.001	-0.0201	0	-0.0211
1702	10.6	10.8	1.0006	2.7678	0.0002	3.7686	-0.0003	-0.0164	0	-0.0167
1703	10.4	10.8	1.0006	2.768	0.0002	3.7688	0.0007	-0.015	0	-0.0143
1704	10.8	10.8	1.0006	2.7683	0.0002	3.7691	0.001	-0.0215	0	-0.0205
1705	10.7	10.8	1.0006	2.7682	0.0002	3.769	0.0003	-0.0194	0	-0.0192
1706	10.7	10.8	1.0006	2.7685	0.0002	3.7693	-0.0008	-0.0156	0	-0.0164
1707	10.7	10.8	1.0006	2.7688	0.0002	3.7696	-0.001	-0.0103	0	-0.0113
1708	10.1	10.7	1.0006	2.7687	0.0002	3.7695	-0.0011	-0.0107	0	-0.0118
1709	10.5	10.7	1.0006	2.7693	0.0002	3.7701	-0.001	-0.0057	0	-0.0067
1710	11.2	10.6	1.0005	2.7698	0.0002	3.7705	-0.001	0	0	-0.001
1711	10.6	10.6	1.0006	2.77	0.0002	3.7708	0	-0.0014	0	-0.0014
1712	10.7	10.6	1.0006	2.77	0.0002	3.7708	0	-0.0016	0	-0.0016
1713	10.4	10.7	1.0006	2.7698	0.0002	3.7706	0.001	-0.0046	0	-0.0036
1714	10.7	10.6	1.0006	2.7698	0.0002	3.7706	0.001	-0.0154	0	-0.0144
1715	10.7	10.6	1.0006	2.7696	0.0002	3.7704	0.001	-0.0104	0	-0.0094
1716	10.6	10.6	1.0006	2.7694	0.0002	3.7702	0.001	-0.0034	-0.0008	-0.0033
1717	10.7	10.6	1.0006	2.7692	0.0001	3.77	0.001	-0.0095	-0.0002	-0.0087
1718	10.6	10.7	1.0006	2.7693	0.0001	3.77	0	-0.008	0	-0.008
1719	10	10.7	1.0006	2.7684	0.0001	3.7691	0	-0.0037	0	-0.0037
1720	11	10.7	1.0006	2.7685	0.0002	3.7693	0.001	0.0028	0.001	0.0048
1721	11.2	10.7	1.0006	2.7678	0.0002	3.7686	0.001	-0.0029	0.001	-0.0009
1722	10.6	10.7	1.0006	2.7678	0.0002	3.7686	0.0004	-0.0027	0.0004	-0.0019
1723	10.7	10.7	1.0006	2.7676	0.0002	3.7684	-0.0009	-0.0076	0	-0.0085
1724	10.7	10.7	1.0006	2.7677	0.0001	3.7684	0	-0.01	-0.001	-0.011
1725	10.7	10.7	1.0006	2.7676	0.0001	3.7683	0	-0.011	-0.001	-0.012
1726	10.7	10.7	1.0006	2.7674	0.0001	3.7682	0	-0.0115	0	-0.0115
1727	10.6	10.7	1.0006	2.7682	0.0002	3.7689	0	-0.01	0	-0.01
1728	10.7	10.7	1.0006	2.7689	0.0001	3.7695	0.001	0.001	0	0.002
1729	10.8	10.8	1.0005	2.7692	0.0001	3.7699	0.001	0	0	0.001
1730	10.7	10.7	1.0005	2.7689	0.0002	3.7696	0.0018	0.0013	0.0008	0.0039

1731	10.8	10.7	1.0005	2.7686	0.0002	3.7693	0.0011	0.0049	0.0001	0.0062
1732	10.7	10.7	1.0005	2.7685	0.0002	3.7692	0.001	-0.0007	0.0009	0.0012
1733	10.7	10.7	1.0005	2.7687	0.0002	3.7694	0.001	-0.0131	0.001	-0.0111
1734	10.8	10.7	1.0005	2.7689	0.0002	3.7696	0.001	-0.0163	0.001	-0.0144
1735	11.1	10.7	1.0005	2.7692	0.0002	3.7699	0.001	-0.0233	0	-0.0223
1736	10.9	10.7	1.0005	2.7695	0.0002	3.7702	0.001	-0.0279	0	-0.0269
1737	10.8	10.8	1.0006	2.7699	0.0002	3.7707	0.0006	-0.0308	0.0002	-0.03
1738	10.6	10.8	1.0006	2.7704	0.0002	3.7712	0	-0.034	0.0007	-0.0332
1739	10.3	10.8	1.0006	2.7704	0.0002	3.7712	0	-0.0326	0	-0.0326
1740	10.5	10.8	1.0006	2.7703	0.0002	3.7711	0	-0.0304	0.0003	-0.0301
1741	10.8	10.8	1.0006	2.77	0.0002	3.7708	0	-0.024	0.001	-0.023
1742	10.8	10.9	1.0006	2.7696	0.0002	3.7704	0	-0.0205	0.001	-0.0195
1743	11.1	10.9	1.0006	2.7697	0.0002	3.7705	0	-0.0162	0.0006	-0.0156
1744	10.7	10.9	1.0005	2.7699	0.0002	3.7706	0	-0.0146	0	-0.0146
1745	10.5	10.9	1.0005	2.7701	0.0002	3.7708	0	-0.0083	0	-0.0083
1746	11	10.9	1.0005	2.7702	0.0002	3.7709	0	-0.0042	0	-0.0042
1747	11.2	11	1.0005	2.7702	0.0002	3.7709	0	-0.0073	0	-0.0073
1748	11.1	11	1.0006	2.7697	0.0002	3.7705	0	-0.0055	0.0005	-0.005
1749	10.9	11	1.0006	2.7692	0.0002	3.77	0	-0.0089	0.001	-0.0079
1750	11.2	11	1.0006	2.7692	0.0002	3.77	0	-0.0078	0.001	-0.0068
1751	11.6	11	1.0005	2.7688	0.0002	3.7696	0.0007	-0.0107	0.001	-0.0091
1752	11.6	11	1.0005	2.769	0.0002	3.7697	0.001	-0.0078	0.001	-0.0058
1753	10.7	11	1.0005	2.7692	0.0002	3.7699	0.001	-0.0109	0.001	-0.0089
1754	10.8	11	1.0005	2.7691	0.0002	3.7698	0.001	-0.0091	0.001	-0.007
1755	11.3	11	1.0006	2.7688	0.0002	3.7696	0.001	-0.0056	0.001	-0.0035
1756	11.2	11	1.0006	2.7689	0.0002	3.7697	0.0011	-0.0073	0.0011	-0.0052
1757	11.2	11	1.0007	2.7691	0.0002	3.77	0.0011	-0.0041	0.0011	-0.0019
1758	10.5	10.9	1.0007	2.7693	0.0002	3.7702	0.0011	-0.0012	0.0011	0.001
1759	10.6	10.9	1.0007	2.7693	0.0002	3.7702	0.0011	-0.0016	0.0011	0.0006
1760	11.2	10.9	1.0006	2.7693	0.0002	3.7701	0.0011	0.0047	0.0011	0.0069
1761	10.6	10.9	1.0006	2.7689	0.0002	3.7697	0.0004	0.0103	0.0011	0.0118
1762	11	10.8	1.0005	2.7689	0.0002	3.7696	0.0008	0.0131	0.0011	0.015
1763	10.8	10.8	1.0005	2.769	0.0002	3.7697	0.0011	0.0122	0.0011	0.0145
1764	10.3	10.8	1.0005	2.7688	0.0002	3.7695	0.0011	0.0101	0.0011	0.0124
1765	10.9	10.8	1.0005	2.7684	0.0002	3.7691	0.0012	0.0104	0.0012	0.0127
1766	10.6	10.8	1.0005	2.7688	0.0002	3.7695	0.0012	0.0083	0.0012	0.0106
1767	10.1	10.8	1.0006	2.769	0.0002	3.7698	0.0012	0.0065	0.0012	0.0089

1768	10.9	10.8	1.0006	2.7688	0.0002	3.7696	0.0012	0.0044	0.0002	0.0058
1769	11.1	10.9	1.0005	2.7685	0.0001	3.7691	0.0012	0.005	0	0.0062
1770	11	10.8	1.0005	2.7689	0.0001	3.7695	0.0012	-0.006	0	-0.0048
1771	10.7	10.8	1.0005	2.7688	0.0001	3.7694	0.0012	-0.0048	0.0012	-0.0023
1772	11	10.8	1.0006	2.7693	0.0001	3.77	0.0013	-0.0136	0.0013	-0.0111
1773	11.1	10.8	1.0005	2.7692	0.0002	3.7699	0.0013	-0.014	0.0013	-0.0114
1774	10.7	10.9	1.0005	2.7696	0.0002	3.7703	0.0013	-0.0164	0.0011	-0.014
1775	11.2	10.9	1.0005	2.77	0.0001	3.7706	0.0013	-0.0155	0	-0.0142
1776	10.7	10.9	1.0005	2.7698	0.0001	3.7704	0.0013	-0.0175	0	-0.0161
1777	11.2	10.9	1.0004	2.7689	0.0001	3.7694	0.0014	-0.0196	0.0004	-0.0178
1778	11.4	10.9	1.0004	2.7691	0.0001	3.7696	0.0014	-0.0098	0.0009	-0.0076
1779	10.8	10.9	1.0004	2.7689	0.0001	3.7694	0.0009	-0.0001	0	0.0008
1780	10.5	10.9	1.0004	2.7686	0.0001	3.7691	0	0.0047	0.0006	0.0054
1781	10.4	10.9	1.0004	2.7685	0.0001	3.769	0	-0.0003	0.0014	0.0011
1782	10.9	10.9	1.0004	2.7687	0.0001	3.7692	0	-0.004	0.0014	-0.0025
1783	11	10.9	1.0004	2.7686	0.0001	3.7691	0	-0.0048	0.0015	-0.0033
1784	10.9	10.9	1.0004	2.769	0.0001	3.7695	0	-0.0033	0.0015	-0.0018
1785	11.1	10.9	1.0004	2.7694	0.0001	3.7699	0	0.0005	0.0015	0.002
1786	10.9	10.9	1.0004	2.7701	0.0001	3.7707	0	0.0045	0.0015	0.0061
1787	10.8	10.9	1.0005	2.7707	0.0001	3.7713	0	0.0101	0.0016	0.0117
1788	10.6	10.9	1.0005	2.7707	0.0001	3.7713	0.0009	0.0166	0.0016	0.019
1789	10.6	10.9	1.0005	2.7706	0.0001	3.7712	0.0016	0.0244	0.0016	0.0276
1790	11.1	10.9	1.0005	2.7701	0.0001	3.7707	0.0016	0.0242	0.0016	0.0275
1791	11.1	10.9	1.0005	2.7698	0.0001	3.7704	0.0017	0.0242	0.0017	0.0275
1792	10.7	10.9	1.0005	2.7694	0.0001	3.77	0.0017	0.0193	0.0017	0.0227
1793	11.1	10.9	1.0005	2.7693	0.0001	3.7699	0.0017	0.0126	0.0017	0.016
1794	11.4	10.9	1.0005	2.7687	0.0001	3.7693	0.0018	0.0144	0.0018	0.0179
1795	10.8	11	1.0005	2.7679	0.0001	3.7685	0.0006	0.0177	0.0018	0.0201
1796	10.9	11	1.0005	2.7679	0.0001	3.7685	0	0.023	0.0018	0.0249
1797	10.7	11	1.0005	2.768	0.0001	3.7686	0	0.0243	0.0019	0.0261
1798	11	10.9	1.0005	2.7685	0.0001	3.7691	0	0.0242	0.0019	0.0261
1799	11.1	11	1.0005	2.7684	0.0001	3.769	0.0011	0.0164	0.0019	0.0194
1800	11	11	1.0005	2.7689	0.0001	3.7695	0.002	0.0067	0.002	0.0106