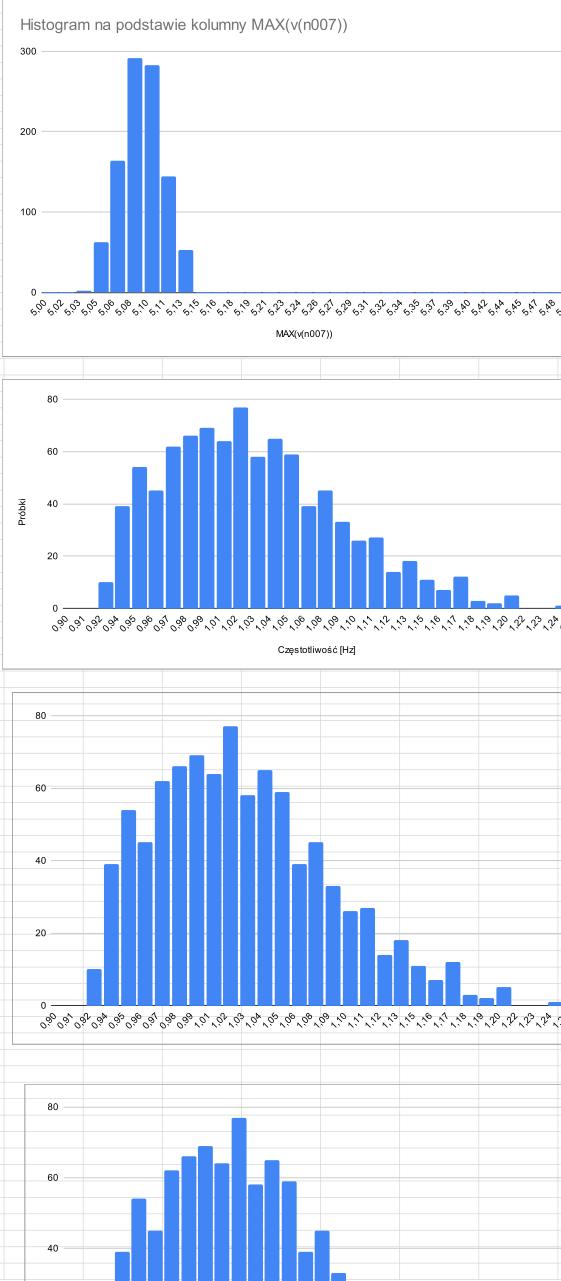
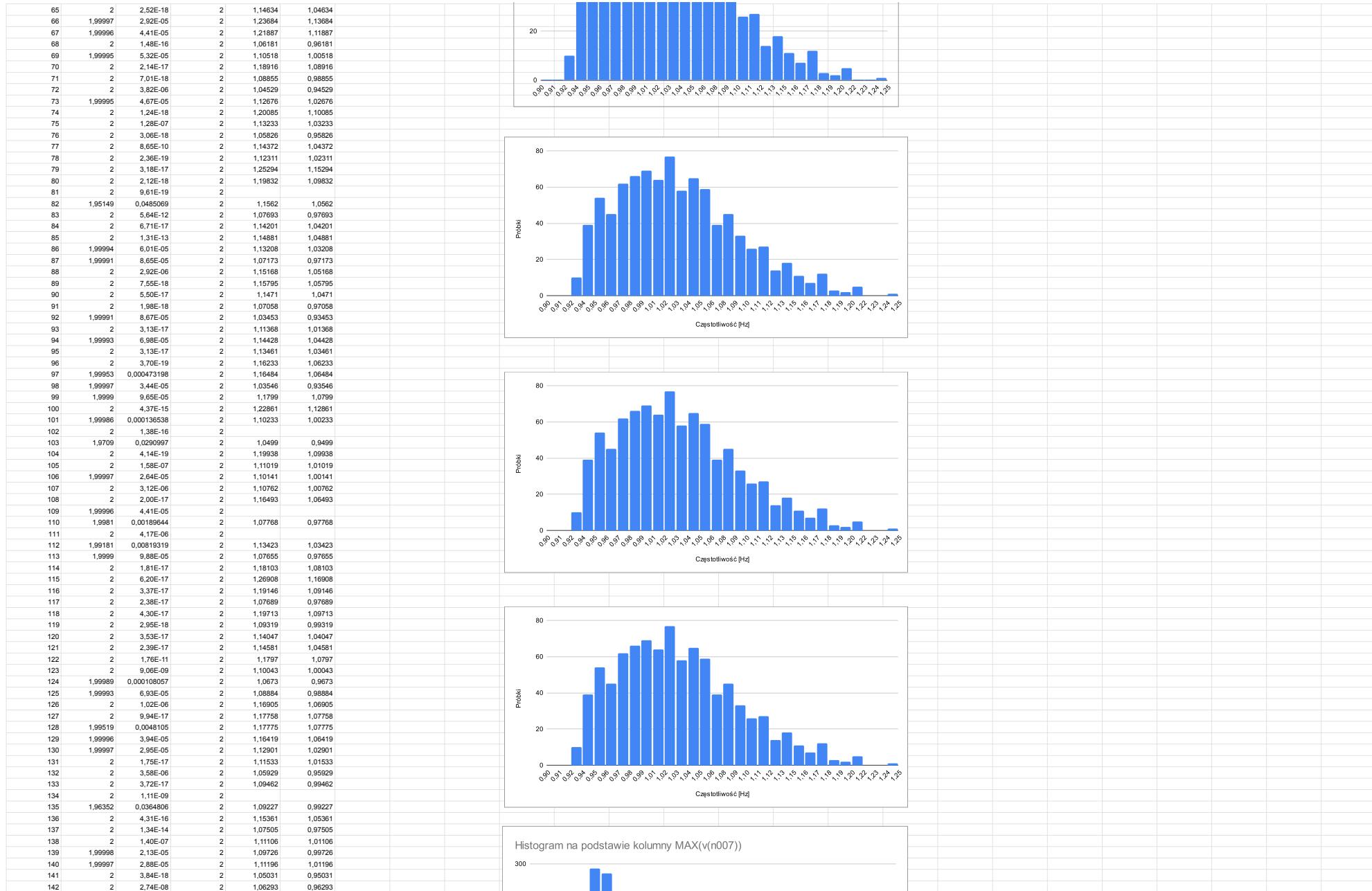


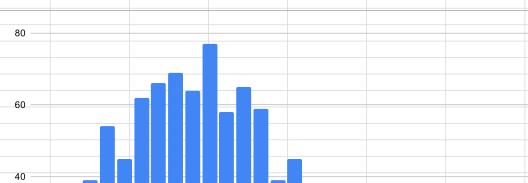
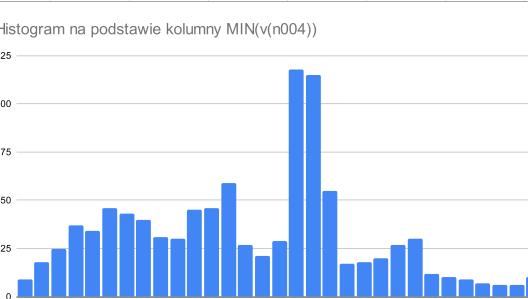
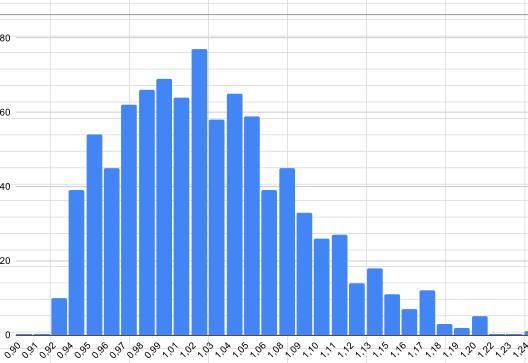
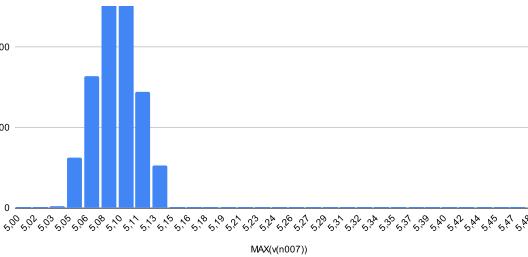
LTspice 24.0.9 for Windows  
 Circuit: "C:\Users\bart\OneDrive\Dokumenty\LTspice\Draft19.asc"  
 Start Time: Wed May 28 21:15:45 2025  
 solver = Normal  
 Maximum thread count: 8  
  
 thom = 27  
 temp = 27  
 method = modified trap  
 .step run=1000

Measurement: t1					
step	t1	FROM	TO	1,11766	1,01766
1	1,99998	2,39E-05	2	1,16609	0,05973661115
2	2	1,48E-13	2	1,10688	1,24929
3	2	5,04E-07	2	1,28324	0,93213
4	1,99985	0,000147886	2	1,12207	1,02349
5	2	1,92E-07	2	1,04028	0,94028
6	2	6,77E-14	2	1,05308	0,95308
7	1,99997	2,68E-05	2	1,17629	1,07629
8	2	1,98E-14	2	1,16111	1,01611
9	2	3,12E-06	2	1,13604	1,03604
10	1,99996	4,33E-05	2	1,07214	0,97214
11	2	3,09E-07	2	1,06019	0,96019
12	2	5,42E-17	2	1,0465	0,9465
13	2	8,40E-18	2	1,16022	1,06022
14	2	5,92E-16	2	1,15742	1,05742
15	2	1,25E-14	2	1,16615	1,06615
16	2	2,21E-18	2	1,07185	0,97185
17	1,99984	0,000160056	2	1,10346	1,00346
18	1,99992	7,69E-05	2	1,21952	1,11952
19	1,99993	7,28E-05	2	1,31292	1,21292
20	2	1,49E-16	2	1,0969	0,9969
21	1,97733	0,0226691	2	1,20643	1,10643
22	2	4,66E-06	2	1,16091	1,06091
23	1,99998	2,33E-05	2	1,21581	1,11581
24	2	1,14E-16	2	1,16091	1,06091
25	1,99991	9,40E-05	2	1,08127	0,98127
26	1,99991	9,42E-05	2		
27	1,98097	0,0190296	2	1,15303	1,05303
28	2	2,91E-17	2	1,15388	1,05388
29	2	3,30E-16	2	1,05266	0,95266
30	2	6,48E-12	2	1,08736	0,98736
31	2	2,42E-17	2	1,03572	0,93572
32	2	1,29E-19	2	1,14159	1,04159
33	2	1,14E-16	2	1,15513	1,05513
34	2	1,46E-18	2	1,09724	0,99724
35	2	5,04E-18	2	1,19052	1,09052
36	2	2,82E-17	2		
37	1,97246	0,0275398	2	1,12502	1,02502
38	1,99985	0,00014691	2	1,13524	1,03524
39	2	1,98E-17	2	1,12015	1,02015
40	2	9,74E-12	2	1,05045	0,95045
41	2	1,02E-16	2	1,17735	1,07735
42	2	2,17E-11	2	1,09777	0,99777
43	2	7,13E-18	2	1,1679	1,0679
44	1,99997	2,56E-05	2	1,14876	1,04876
45	1,99996	3,81E-05	2	1,03936	0,93936
46	2	6,44E-18	2	1,0454	0,9454
47	2	1,37E-09	2	1,16731	1,06731
48	2	3,15E-17	2	1,10514	1,00514
49	2	6,29E-17	2	1,1112	1,0112
50	2	1,08E-16	2	1,13988	1,03988
51	2	1,21E-17	2	1,14998	1,04998
52	2	1,48E-06	2	1,23553	1,13553
53	2	2,14E-17	2	1,10531	1,00531
54	2	4,60E-17	2	1,11522	1,01622
55	1,99992	8,21E-05	2	1,11097	1,01097
56	2	1,63E-16	2	1,24864	1,14864
57	1,99997	2,77E-05	2	1,12802	1,02802
58	2	3,06E-16	2	1,27025	1,17025
59	2	1,00E-15	2	1,15608	1,05608
60	2	1,20E-16	2	1,12237	1,02237
61	2	2,64E-18	2	1,0759	0,9759
62	1,9999	0,000104197	2	1,18736	1,08736
63	2	1,26E-16	2	1,18661	1,08661
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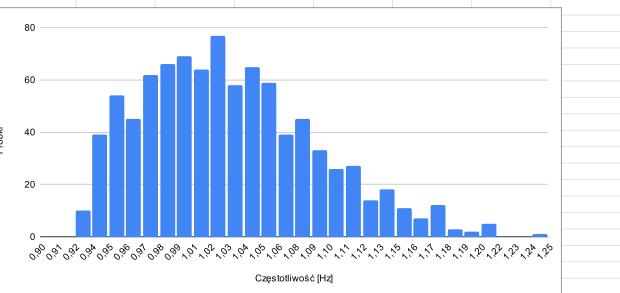
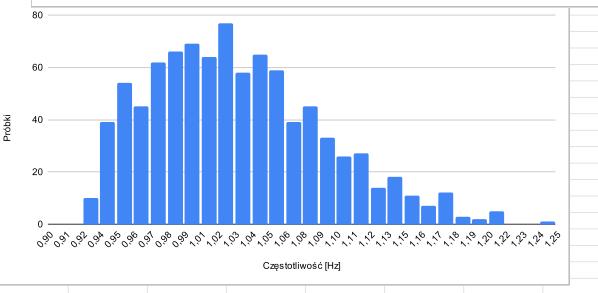
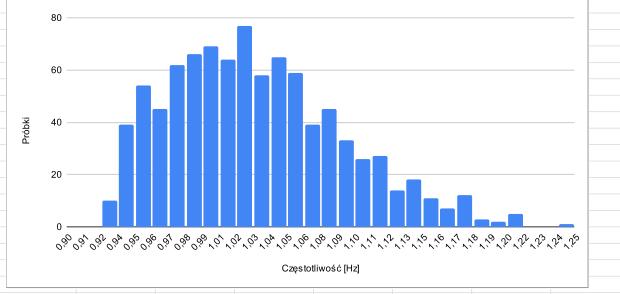
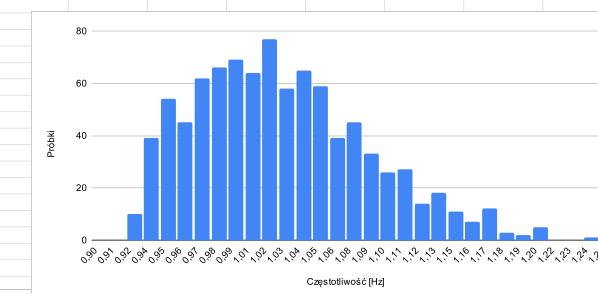
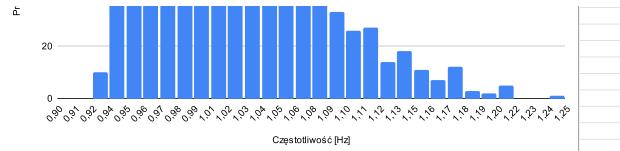
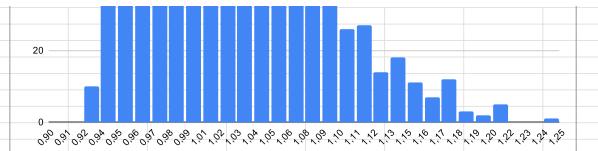




143	2	6.65E-16	2	1.12248	1.02248
144	1.9998	0.000203044	2	1.08037	0.98037
145	1.99992	7.50E-05	2	1.12455	1.02455
146	2	2.68E-06	2	1.06092	0.96092
147	1.99998	2.42E-05	2	1.10964	1.00964
148	1.99992	8.02E-05	2	1.03936	0.93936
149	2	2.35E-17	2		
150	1.99915	0.000851217	2	1.20038	1.10038
151	2	9.21E-17	2	1.31117	1.21117
152	1.99998	2.48E-05	2	1.06422	0.96422
153	2	1.19E-11	2	1.11886	1.01886
154	1.99991	9.34E-05	2	1.0829	0.9829
155	1.99991	9.38E-05	2	1.07157	0.97157
156	1.9999	9.84E-05	2		
157	1.97863	0.0213688	2	1.09512	0.99512
158	2	2.66E-16	2	1.1601	1.0601
159	2	5.98E-15	2	1.07889	0.97889
160	2	3.35E-06	2	1.26811	1.16811
161	2	3.95E-07	2	1.14822	1.04822
162	2	2.46E-17	2	1.26618	1.16618
163	2	1.11E-18	2	1.23848	1.13848
164	2	1.26E-18	2	1.08872	0.98872
165	1.99996	4.13E-05	2	1.11893	1.01893
166	2	7.20E-17	2	1.13739	1.03739
167	2	3.80E-18	2	1.18314	1.08314
168	2	2.13E-10	2	1.05089	0.95089
169	1.9995	0.00049743	2	1.04246	0.94246
170	2	1.49E-16	2	1.1738	1.0738
171	2	3.13E-17	2	1.08342	0.98342
172	2	3.93E-18	2	1.09238	0.99238
173	1.99996	4.37E-05	2	1.08998	0.98998
174	1.99991	8.51E-05	2	1.13708	1.03708
175	2	4.45E-16	2	1.19449	1.09449
176	1.99991	9.46E-05	2		
177	1.99973	0.000274255	2	1.13717	1.03717
178	2	4.91E-18	2	1.08371	0.98371
179	2	7.26E-17	2	1.04489	0.94489
180	2	2.47E-13	2	1.03749	0.93749
181	1.99993	6.97E-05	2	1.27813	1.17813
182	2	1.75E-17	2	1.14866	1.04866
183	2	2.04E-18	2	1.11072	1.01072
184	2	1.43E-19	2	1.28773	1.18773
185	2	1.78E-07	2	1.06456	0.96456
186	2	5.69E-15	2	1.14076	1.04076
187	2	8.91E-17	2	1.10597	1.00597
188	2	3.33E-16	2	1.13698	1.03698
189	2	2.17E-17	2	1.07539	0.97539
190	2	1.91E-17	2	1.07912	0.97912
191	2	5.20E-18	2	1.1196	1.0196
192	1.99991	8.88E-05	2	1.08676	0.98676
193	2	1.41E-06	2	1.05167	0.95167
194	2	7.55E-19	2	1.21061	1.11061
195	1.99994	6.48E-05	2	1.1628	1.0628
196	2	2.13E-19	2	1.09062	0.99062
197	2	2.63E-16	2	1.22422	1.12422
198	2	6.89E-18	2		
199	1.99001	0.00999269	2	1.04295	0.94295
200	2	4.41E-06	2	1.16692	1.06692
201	1.9999	9.54E-05	2	1.15355	1.05355
202	2	1.07E-16	2	1.11927	1.01927
203	1.99994	6.19E-05	2	1.10513	1.00513
204	2	6.28E-10	2	1.27583	1.17583
205	1.99998	2.41E-05	2	1.12532	1.02532
206	2	2.42E-17	2	1.10253	1.00253
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208	2	1.61E-16	2	1.18624	1.08624
209	1.99962	0.000381402	2	1.03213	0.93213
210	2	1.35E-16	2	1.07156	0.97156
211	2	2.13E-18	2	1.10672	1.00672
212	1.99992	8.14E-05	2	1.27613	1.17613
213	2	8.13E-08	2	1.18388	1.08388
214	2	6.95E-17	2	1.13796	1.03796
215	2	6.40E-17	2	1.08467	0.98467
216	2	2.71E-14	2		
217	1.99075	0.00924661	2	1.03825	0.93825
218	1.99996	4.49E-05	2	1.07464	0.97464
219	2	1.09E-16	2	1.21781	1.11781
220	2	4.72E-14	2	1.09885	0.99885



221	2	2.20E-18	2	1.12827	1.02827
222	2	1.16E-13	2	1.09915	0.99915
223	2	6.35E-17	2	1.14926	1.04926
224	2	2.20E-16	2	1.10373	1.00373
225	1.99997	2.91E-05	2	1.0636	0.9636
226	2	9.83E-13	2	1.05108	0.95108
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229	2	7.04E-17	2	1.03403	0.93403
230	2	8.84E-19	2	1.14768	1.04768
231	2	1.16E-16	2	1.08027	0.98027
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233	2	7.23E-08	2	1.05771	0.95771
234	2	1.45E-16	2	1.17583	1.07583
235	2	2.60E-18	2	1.09374	0.99374
236	2	6.35E-17	2	1.07289	0.97289
237	2	1.21E-16	2	1.11776	1.01177
238	1.99996	4.41E-05	2	1.15446	1.05446
239	2	6.34E-19	2	1.15177	1.05177
240	2	1.62E-09	2	1.08491	0.98491
241	2	1.77E-17	2	1.21873	1.11873
242	2	5.99E-09	2	1.2069	1.1069
243	2	1.17E-16	2		
244	1.9969	0.00309782	2	1.18766	1.08766
245	2	3.58E-13	2	1.09936	0.99936
246	2	1.73E-17	2	1.09368	0.99368
247	2	9.14E-17	2	1.17292	1.07292
248	2	3.77E-11	2	1.08346	0.98346
249	1.99996	4.15E-05	2		
250	1.98231	0.0176925	2	1.11925	1.01925
251	2	8.92E-14	2	1.14827	1.04827
252	1.99405	0.00594842	2	1.10952	1.00952
253	2	3.47E-06	2	1.11155	1.01155
254	2	6.30E-17	2	1.16347	1.06347
255	2	1.34E-09	2	1.05032	0.95032
256	2	4.82E-17	2	1.20098	1.10098
257	1.9999	9.65E-05	2	1.12119	1.02119
258	1.99998	1.62E-05	2	1.0962	0.9962
259	2	7.35E-16	2	1.07607	0.97607
260	1.99992	8.37E-05	2	1.12278	1.02278
261	2	2.32E-17	2	1.09123	0.99123
262	2	2.24E-17	2	1.08353	0.98353
263	1.99995	4.57E-05	2	1.05133	0.95133
264	1.99991	8.92E-05	2	1.12796	1.02796
265	2	1.77E-09	2		
266	1.98611	0.0138693	2	1.15202	1.05202
267	1.99987	0.000127296	2	1.11959	1.01959
268	2	4.46E-17	2	1.19863	1.09863
269	2	1.70E-16	2		
270	1.99003	0.00997153	2	1.10439	1.00439
271	2	9.93E-17	2	1.24604	1.14604
272	2	2.30E-18	2	1.07423	0.97423
273	1.99986	0.000138327	2	1.19382	1.09382
274	2	8.91E-17	2	1.08185	0.98185
275	2	2.55E-17	2	1.0573	0.9573
276	2	8.71E-18	2	1.1555	1.0555
277	1.99991	9.44E-05	2	1.13979	1.03979
278	2	2.15E-15	2	1.08838	0.98838
279	2	4.57E-17	2	1.07643	0.97643
280	2	1.09E-12	2	1.13552	1.03552
281	2	8.62E-09	2	1.09483	0.99483
282	2	6.73E-18	2	1.0787	0.9787
283	2	2.84E-16	2	1.18221	1.08221
284	1.99996	4.07E-05	2	1.12267	1.02267
285	2	4.30E-17	2	1.09456	0.99456
286	1.99996	4.41E-05	2	1.31273	1.21273
287	2	9.52E-17	2	1.15476	1.05476
288	2	2.74E-11	2	1.118	1.018
289	1.99986	0.000137037	2	1.18148	1.08148
290	1.99997	3.08E-05	2	1.10196	1.00196
291	2	5.37E-16	2	1.14514	1.04514
292	2	4.66E-06	2	1.17874	1.07874
293	1.99994	6.08E-05	2	1.10202	1.00202
294	2	3.40E-17	2	1.05907	0.95907
295	1.99996	3.65E-05	2	1.18122	1.08122
296	1.99995	0.000252027	2	1.04854	0.94854
297	1.99995	4.69E-05	2	1.24653	1.14653
298	2	7.76E-17	2	1.09693	0.99693



299	2	2.04E-17	2	1,08118	0.98118
300	2	2.48E-18	2		
301	1,97567	0.0243259	2	1,16313	1,06313
302	2	6.77E-18	2		
303	1,99921	0.000787555	2	1,07791	0.97791
304	1,99996	4.04E-05	2	1,10527	1,00527
305	2	3.77E-06	2	1,15381	1,05381
306	2	1.05E-18	2	1,15663	1,05663
307	1,99995	5.45E-05	2	1,05045	0.95045
308	2	3.47E-06	2		
309	1,97808	0.0219191	2	1,23158	1,13158
310	2	2.26E-16	2	1,0866	0.9866
311	2	3.35E-06	2	1,09237	0.99237
312	2	1.90E-17	2	1,15668	1,06668
313	2	3.98E-17	2	1,03346	0.93346
314	2	3.78E-19	2		
315	1,98774	0.0122644	2	1,05957	0.95957
316	1,99983	0.000166008	2	1,11996	1,01996
317	2	1.55E-18	2	1,13927	1,03927
318	1,99995	4.55E-05	2	1,09313	0.99313
319	2	1.50E-17	2	1,17012	1,07012
320	2	6.61E-16	2	1,19301	1,09301
321	2	1.20E-16	2		
322	1,97501	0.0249907	2	1,20547	1,10547
323	1,99996	4.47E-05	2		
324	1,96588	0.0341166	2	1,19182	1,09182
325	2	4.38E-18	2		
326	1,98377	0.0162275	2	1,14905	1,04905
327	2	7.34E-14	2	1,11171	1,01171
328	1,99996	4.46E-05	2	1,13872	1,03872
329	2	2.25E-17	2	1,17228	1,07228
330	2	1.24E-14	2	1,19742	1,09742
331	2	4.27E-19	2	1,06491	0.96491
332	2	5.89E-16	2	1,26379	1,16379
333	2	2.74E-15	2		
334	1,99988	0.000119723	2	1,07567	0.97567
335	1,99991	8.61E-05	2	1,10037	1,00037
336	2	3.92E-12	2	1,20738	1,10738
337	2	3.09E-16	2	1,16121	1,06121
338	1,99996	3.64E-05	2	1,16009	1,06009
339	2	1.38E-17	2	1,16993	1,06993
340	2	1.87E-17	2		
341	1,99213	0.00786914	2	1,0699	0.9699
342	2	8.27E-19	2	1,09207	0.99207
343	1,99992	8.20E-05	2	1,05829	0.95829
344	1,99997	3.19E-05	2	1,22627	1,12627
345	1,99995	5.04E-05	2	1,13527	1,03527
346	2	5.43E-14	2	1,05738	0.95738
347	1,9999	0.000104197	2	1,04672	0.94672
348	2	1.50E-10	2	1,10547	1,00547
349	2	1.02E-16	2	1,1459	1,0459
350	1,99984	0.000159197	2	1,16679	1,06679
351	1,99999	1.12E-05	2		
352	1,98361	0.0163917	2		
353	1,97461	0.0253868	2		
354	1,98897	0.0110297	2		
355	1,97866	0.0213417	2	1,08095	0.98095
356	2	1.61E-12	2	1,04068	0.94068
357	2	1.45E-16	2	1,11701	1,01701
358	2	2.53E-19	2	1,08423	0.98423
359	2	3.87E-16	2	1,08705	0.98705
360	2	3.36E-16	2	1,10228	1,00228
361	2	2.26E-15	2	1,09873	0.99873
362	2	1.83E-17	2	1,10583	1,00583
363	2	1.50E-18	2	1,23648	1,13648
364	2	1.63E-18	2		
365	1,98917	0.0108252	2	1,21536	1,11536
366	2	1.45E-17	2	1,2131	1,1131
367	2	1.13E-06	2	1,09917	0.99917
368	2	2.03E-19	2	1,08442	0.98442
369	1,99995	5.02E-05	2	1,11124	1,01124
370	2	7.76E-16	2	1,09023	0.99023
371	2	1.11E-18	2	1,18669	1,08669
372	2	4.96E-18	2	1,11636	1,01636
373	2	2.91E-17	2	1,12261	1,02261
374	2	3.89E-17	2	1,11993	1,01993
375	2	6.82E-17	2	1,18465	1,08465
376	1,99995	5.02E-05	2	1,05663	0.95663

377	1.99995	4.70E-05	2	1.20244	1.10244
378	2	8.77E-14	2	1.1348	1.0348
379	2	2.30E-17	2	1.05035	0.96035
380	2	2.89E-06	2	1.21058	1.11058
381	2	3.42E-17	2	1.16114	1.06114
382	2	4.05E-21	2	1.12034	1.02034
383	2	1.04E-16	2	1.13745	1.03745
384	2	2.71E-13	2	1.10699	1.0699
385	2	5.24E-12	2	1.20713	1.10713
386	1.9998	0.000190767	2	1.18068	1.08068
387	2	9.85E-17	2	1.11141	1.01141
388	2	1.33E-18	2	1.10415	1.00415
389	2	4.43E-18	2	1.08192	0.98192
390	2	3.18E-17	2		
391	1.97484	0.0251566	2	1.23599	1.13599
392	2	6.67E-18	2	1.2019	1.1019
393	1.99989	0.00011077	2		
394	1.9972	0.00279804	2	1.12172	1.02172
395	1.99998	1.68E-05	2	1.11113	1.01113
396	2	1.13E-17	2		
397	1.9722	0.0278032	2	1.06858	0.96858
398	2	4.60E-17	2	1.31107	1.21107
399	2	3.63E-16	2	1.18018	1.08018
400	2	5.98E-16	2		
401	1.96962	0.0303837	2	1.10861	1.00861
402	2	4.29E-19	2		
403	1.98284	0.0171598	2		
404	1.99532	0.00468158	2	1.13531	1.03531
405	2	1.57E-19	2	1.09145	0.99145
406	1.99987	0.000131431	2	1.12287	1.02287
407	2	8.27E-18	2	1.21751	1.11751
408	2	7.89E-16	2	1.10037	1.00037
409	1.99995	5.08E-05	2	1.14966	1.04966
410	2	1.07E-16	2	1.0705	0.9705
411	2	2.14E-17	2	1.19576	1.09576
412	1.99999	1.41E-05	2	1.03735	0.93735
413	2	9.39E-10	2	1.06825	0.96825
414	2	4.93E-17	2	1.31441	1.21441
415	2	4.61E-10	2	1.08495	0.98495
416	2	3.35E-17	2	1.11229	1.01229
417	2	2.90E-16	2	1.11666	1.01666
418	2	6.07E-16	2	1.04658	0.94658
419	2	7.10E-17	2	1.07087	0.97087
420	2	2.19E-17	2	1.03442	0.93442
421	2	9.53E-14	2		
422	1.9819	0.0180992	2		
423	1.99159	0.00840505	2	1.16986	1.06986
424	2	1.33E-16	2	1.19779	1.09779
425	2	5.69E-14	2	1.04813	0.94813
426	2	3.94E-06	2	1.04774	0.94774
427	1.99992	7.69E-05	2	1.16157	1.06157
428	2	2.19E-12	2	1.15501	1.05501
429	2	7.21E-17	2	1.1386	1.0386
430	2	5.09E-17	2	1.09298	0.99298
431	2	2.47E-06	2	1.27491	1.17491
432	1.99993	6.60E-05	2	1.18999	1.08999
433	2	7.85E-18	2	1.16116	1.06116
434	2	2.82E-09	2	1.27906	1.17906
435	1.99994	5.92E-05	2	1.07235	0.97235
436	2	1.99E-13	2	1.1022	1.0022
437	1.99993	6.97E-05	2	1.07704	0.97704
438	2	2.79E-16	2	1.07357	0.97357
439	2	3.47E-06	2	1.26164	1.16164
440	2	2.60E-17	2	1.19855	1.09855
441	1.99995	4.58E-05	2	1.11909	1.01909
442	1.99957	0.000428133	2	1.18151	1.08151
443	2	5.23E-10	2	1.17022	1.07022
444	2	5.82E-16	2	1.1275	1.0275
445	1.99988	0.000121231	2	1.19599	1.09599
446	2	1.32E-12	2	1.12052	1.02052
447	2	2.20E-15	2	1.2601	1.1601
448	2	8.57E-07	2	1.21486	1.11486
449	2	1.36E-15	2	1.13563	1.03563
450	2	2.30E-09	2	1.11855	1.01855
451	2	1.42E-09	2	1.08629	0.98629
452	2	2.47E-06	2	1.20012	1.10012
453	2	1.16E-18	2	1.12652	1.02652
454	2	1.03E-16	2	1.13403	1.03403

455	1.99997	2.60E-05	2	1.07941	0.97941
456	2	4.78E-19	2	1.14348	1.04348
457	2	2.32E-18	2	1.15135	1.05135
458	2	4.21E-18	2	1.16073	1.06073
459	2	9.10E-11	2	1.19755	1.09755
460	2	1.55E-18	2	1.16158	1.06158
461	2	5.20E-11	2	1.04929	0.94929
462	2	1.58E-14	2		
463	1.93098	0.0690226	2		
464	1.97259	0.0274147	2		
465	1.99111	0.00889363	2	1.16784	1.06784
466	1.99999	1.32E-05	2	1.03285	0.93285
467	1.99994	6.27E-05	2	1.17791	1.07791
468	2	9.42E-11	2	1.22523	1.12523
469	1.9999	9.72E-05	2	1.07037	0.97037
470	2	9.36E-18	2	1.03388	0.93388
471	2	6.72E-17	2	1.10993	1.00993
472	1.99992	7.99E-05	2	1.12581	1.02581
473	2	4.13E-17	2	1.10734	1.00734
474	2	7.73E-16	2	1.13573	1.03573
475	1.99997	2.79E-05	2	1.1878	1.0878
476	2	1.79E-09	2	1.10426	1.00426
477	1.99987	0.000126736	2	1.17348	1.07346
478	2	1.02E-16	2	1.17048	1.07048
479	2	2.49E-17	2	1.10903	1.00903
480	2	1.76E-13	2	1.0368	0.9368
481	2	9.14E-17	2	1.08974	0.98974
482	1.99989	0.000112427	2	1.1184	1.0184
483	1.99995	5.24E-05	2	1.13969	1.03969
484	2	2.25E-18	2	1.14005	1.04005
485	2	1.07E-06	2	1.10227	1.00227
486	2	2.32E-17	2		
487	1.99812	0.00388088	2	1.10446	1.00446
488	1.99994	6.14E-05	2	1.10668	1.00668
489	2	3.70E-06	2	1.06795	0.96795
490	2	2.25E-17	2	1.07479	0.97479
491	1.99991	9.42E-05	2	1.05672	0.95672
492	2	2.05E-17	2	1.12732	1.02732
493	2	2.15E-07	2	1.08641	0.98641
494	1.99994	5.62E-05	2		
495	2	1.43E-16	2	1.22977	1.12977
496	2	1.58E-07	2	1.11418	1.01418
497	2	9.71E-16	2		
498	1.9444	0.0556044	2	1.23622	1.13622
499	2	2.91E-17	2	1.13973	1.03973
500	1.99985	0.000148861	2	1.04035	0.94035
501	1.99996	3.96E-05	2	1.16011	1.06011
502	1.99995	5.12E-05	2	1.14204	1.04204
503	2	3.16E-18	2		
504	1.99886	0.00114283	2	1.21892	1.11892
505	1.99992	8.33E-05	2	1.15479	1.05479
506	2	3.68E-10	2	1.03802	0.93802
507	1.99995	4.66E-05	2	1.08233	0.98233
508	2	2.11E-17	2	1.1827	1.0827
509	2	1.15E-16	2	1.10325	1.00325
510	1.9999	0.000101289	2	1.06935	0.96935
511	2	7.64E-07	2	1.12778	1.02778
512	2	4.87E-14	2	1.18735	1.08735
513	1.99986	0.000138269	2	1.05727	0.95727
514	1.99996	3.64E-05	2	1.20064	1.10064
515	2	1.58E-16	2	1.06684	0.96684
516	1.99992	7.63E-05	2	1.21577	1.11577
517	2	1.68E-07	2	1.18139	1.08139
518	1.99994	5.93E-05	2	1.07842	0.97842
519	2	1.14E-17	2	1.09791	0.99791
520	1.99995	4.91E-05	2	1.20899	1.10899
521	2	6.06E-14	2	1.13809	1.03809
522	2	1.59E-18	2	1.1514	1.0514
523	2	3.38E-16	2		
524	1.96589	0.0341125	2	1.14002	1.04002
525	2	1.02E-06	2	1.15104	1.05104
526	2	8.63E-14	2	1.16614	1.06614
527	2	1.14E-16	2	1.08381	0.98381
528	1.99997	2.94E-05	2	1.16244	1.06244
529	2	1.21E-16	2	1.18659	1.08659
530	2	4.46E-17	2	1.0803	0.9803
531	1.99995	4.51E-05	2	1.05883	0.95883
532	1.99986	0.000141214	2		

533	1.96767	0.0323319	2	1,11102	1.01102
534	2	9.42E-16	2	1,12688	1.02688
535	2	7.74E-11	2	1,08122	0.98122
536	2	2.59E-11	2	1,13644	1.03644
537	2	2.47E-11	2	1,23934	1.13934
538	2	3.22E-15	2	1,09479	0.99479
539	2	1.69E-16	2	1,13652	1.03652
540	1.99991	8.81E-05	2	1,23598	1.13598
541	2	6.03E-07	2	1,10149	1.00149
542	2	2.93E-19	2	1,12274	1.02274
543	2	5.14E-16	2	1,15116	1.05116
544	2	1.07E-16	2	1,14867	1.04867
545	2	7.81E-09	2	1,12552	1.02552
546	2	1.59E-18	2	1,18085	1.08085
547	2	1.88E-15	2		
548	1.96	0.0400013	2		
549	2	5.25E-17	2	1,05782	0.95782
550	2	1.91E-17	2	1,2724	1.1724
551	2	1.48E-07	2	1,0506	0.9506
552	2	5.90E-15	2	1,17977	1.07977
553	2	9.68E-16	2	1,13635	1.03635
554	2	2.57E-06	2	1,12742	1.02742
555	1.99993	6.93E-05	2	1,13222	1.03222
556	1.9999	9.97E-05	2	1,1188	1.0188
557	2	3.07E-15	2	1,09732	0.99732
558	2	5.49E-11	2	1,0819	0.9819
559	2	3.53E-17	2	1,19191	1.09191
560	1.99992	8.37E-05	2		
561	1.9599	0.0400955	2	1,1977	1.0977
562	1.99996	3.86E-05	2	1,12657	1.02657
563	2	3.32E-18	2	1,15718	1.05718
564	2	1.48E-14	2	1,07087	0.97087
565	2	1.78E-17	2	1,06193	0.96193
566	2	2.75E-18	2	1,17525	1.07525
567	1.99996	3.78E-05	2	1,12656	1.02656
568	2	1.03E-07	2	1,15533	1.05533
569	1.99991	9.50E-05	2	1,30268	1.20268
570	2	2.03E-13	2	1,10487	1.00487
571	2	3.27E-17	2	1,1621	1.0621
572	1.99996	3.86E-05	2	1,10368	1.00368
573	1.99984	0.000156266	2	1,04604	0.94604
574	2	2.51E-17	2	1,20662	1.10662
575	1.99992	8.06E-05	2		
576	1.99458	0.00541551	2		
577	1.98809	0.0119144	2	1,13862	1.03862
578	1.99999	1.03E-05	2	1,21351	1.11351
579	2	4.93E-16	2	1,16641	1.06641
580	2	5.91E-19	2	1,18361	1.08361
581	2	7.77E-19	2	1,09641	0.99641
582	2	6.40E-17	2	1,21348	1.11348
583	1.99997	2.82E-05	2	1,0635	0.9635
584	2	1.54E-17	2	1,20735	1.10735
585	2	3.33E-14	2	1,08246	0.98246
586	2	5.51E-18	2	1,11166	1.01166
587	2	2.24E-17	2	1,11328	1.01328
588	1.99995	5.03E-05	2	1,14541	1.04541
589	1.99999	6.11E-06	2	1,22622	1.12622
590	1.99992	8.05E-05	2	1,05969	0.95966
591	2	2.01E-09	2	1,14871	1.04871
592	2	5.47E-18	2	1,13934	1.03934
593	1.99998	1.87E-05	2	1,03731	0.93731
594	1.99987	0.000128952	2	1,0743	0.9743
595	1.99991	9.03E-05	2	1,0373	0.9373
596	2	3.08E-18	2	1,05918	0.95918
597	2	2.55E-16	2	1,09533	0.99533
598	1.99994	5.56E-05	2	1,19678	1.09678
599	2	2.17E-18	2	1,06715	0.96715
600	1.99988	0.000122123	2	1,1443	1.0443
601	2	8.35E-17	2	1,19673	1.09673
602	2	1.69E-17	2	1,19762	1.09762
603	2	1.64E-07	2	1,11632	1.01632
604	2	1.77E-17	2	1,09155	0.99155
605	1.99998	1.70E-05	2	1,16386	1.06386
606	2	2.55E-18	2	1,20265	1.10265
607	1.9999	3.75E-05	2	1,07213	0.97213
608	2	9.00E-15	2		
609	1.98294	0.0170604	2	1,1854	1.0854
610	2	2.46E-06	2	1,10125	1.00125

611	2	2.68E-16	2	1.16439	1.06439
612	1,99996	4.17E-05	2	1.07546	0.97546
613	1,99997	3.20E-05	2	1.14065	1.04065
614	2	6.32E-16	2	1.14832	1.04832
615	2	2.46E-06	2	1.04225	0.94225
616	2	2.84E-16	2	1.12913	1.02913
617	2	2.84E-17	2	1.04333	0.94333
618	2	2.83E-11	2	1.05891	0.95891
619	1,99995	5.31E-05	2	1.06217	0.96217
620	2	2.05E-17	2	1.05808	0.95808
621	1,99995	5.29E-05	2	1.14078	1.04078
622	2	1.04E-14	2	1.09566	0.99566
623	1,99984	0.000157348	2	1.05661	0.95661
624	1,99997	3.11E-05	2	1.03651	0.93651
625	2	2.28E-14	2	1.09829	0.99829
626	2	3.35E-06	2	1.08104	0.98104
627	1,99996	3.71E-05	2	1.14935	1.04935
628	2	8.84E-16	2	1.185	1.085
629	1,99997	2.77E-05	2	1.07939	0.97939
630	2	2.24E-16	2	1.13868	1.03868
631	1,99997	2.97E-05	2	1.05168	0.95168
632	2	9.81E-16	2	1.10427	1.00427
633	2	8.91E-17	2	1.11133	1.01133
634	2	3.06E-17	2		
635	1,97915	0.0208476	2	1.14596	1.04596
636	2	1.63E-06	2	1.11345	1.01345
637	2	3.30E-19	2		
638	1,99812	0.00187628	2	1.1851	1.0851
639	1,99997	3.44E-05	2	1.13855	1.03855
640	2	1.00E-16	2		
641	1,98159	0.0184139	2	1.21968	1.11968
642	2	1.42E-19	2	1.18473	1.08473
643	1,99996	4.41E-05	2	1.12707	1.02707
644	2	6.13E-15	2	1.14601	1.04601
645	1,99996	4.36E-05	2	1.24605	1.14605
646	2	9.68E-17	2	1.24471	1.14471
647	1,9999	9.64E-05	2	1.09664	0.99664
648	2	1.63E-18	2	1.21924	1.11924
649	1,99999	1.24E-05	2	1.07012	0.97012
650	1,99995	4.63E-05	2	1.04126	0.94126
651	2	1.62E-17	2	1.19863	1.09863
652	1,99991	8.79E-05	2	1.21031	1.11031
653	1,99993	7.43E-05	2	1.14335	1.04335
654	2	3.52E-19	2	1.08972	0.98972
655	1,99997	3.10E-05	2	1.23021	1.13021
656	1,99991	9.21E-05	2	1.16946	1.06946
657	2	6.82E-17	2	1.13719	1.03719
658	2	1.94E-16	2	1.12754	1.02754
659	1,99994	6.00E-05	2	1.23435	1.13435
660	1,99998	1.56E-05	2	1.17535	1.07535
661	1,99997	3.20E-05	2	1.1461	1.0461
662	2	6.44E-16	2	1.11693	1.01693
663	2	1.70E-17	2	1.03594	0.93594
664	1,99993	7.50E-05	2	1.12384	1.02384
665	2	3.63E-13	2	1.13001	1.03001
666	2	9.37E-14	2	1.11577	1.01577
667	1,99997	2.95E-05	2	1.15968	1.05968
668	2	6.60E-17	2	1.05821	0.95821
669	2	4.79E-06	2	1.22588	1.12588
670	2	5.36E-07	2	1.12756	1.02756
671	2	1.04E-11	2	1.16742	1.06742
672	2	6.78E-16	2	1.07575	0.97575
673	2	3.33E-18	2	1.06931	0.96931
674	2	2.57E-16	2	1.19124	1.09124
675	1,9999	9.83E-05	2	1.04761	0.94761
676	1,99999	0.00011212	2	1.05587	0.95587
677	1,99997	2.51E-05	2	1.20401	1.10401
678	2	2.25E-16	2	1.07783	0.97783
679	2	5.78E-17	2	1.08345	0.98345
680	1,99995	5.06E-05	2	1.14095	1.04095
681	2	1.30E-15	2	1.14983	1.04983
682	2	3.56E-16	2	1.2392	1.1392
683	2	1.35E-15	2		
684	1,97974	0.0202594	2	1.11872	1.01872
685	1,99999	0.000105686	2	1.0494	0.9494
686	2	2.14E-17	2		
687	1,99728	0.00272092	2	1.06797	0.96797
688	2	1.81E-17	2	1.11284	1.01284

689	2	5.72E-16	2	1.09907	0.99907
690	2	1.27E-16	2	1.07304	0.97304
691	1.99997	3.47E-05	2	1.15112	1.05112
692	2	2.25E-17	2	1.09682	0.99682
693	1.9999	9.58E-05	2	1.2693	1.1693
694	2	1.30E-16	2	1.15485	1.05485
695	1.99987	0.000133014	2	1.05802	0.95802
696	2	9.80E-19	2	1.04577	0.94577
697	1.99996	4.45E-05	2	1.14977	1.04977
698	2	1.55E-15	2	1.03869	0.93869
699	1.99991	9.04E-05	2	1.17576	1.07576
700	2	5.84E-18	2	1.10782	1.00782
701	1.99994	5.91E-05	2	1.21526	1.11526
702	2	1.21E-16	2	1.21318	1.11318
703	2	1.13E-15	2	1.21266	1.11266
704	2	4.33E-18	2	1.14117	1.04117
705	2	5.98E-18	2	1.23989	1.13989
706	1.99988	0.000139	2	1.06127	0.96127
707	1.99997	2.52E-05	2	1.05924	0.95924
708	1.99992	7.89E-05	2	1.07813	0.97813
709	2	1.38E-16	2		
710	1.9844	0.0155964	2	1.04126	0.94126
711	2	1.16E-16	2		
712	1.95876	0.0412357	2	1.21899	1.11899
713	1.99987	0.000131382	2	1.21326	1.11326
714	2	8.19E-19	2	1.16059	1.06059
715	2	2.51E-19	2	1.08654	0.98654
716	2	6.88E-16	2	1.05041	0.95041
717	2	2.46E-08	2	1.05201	0.95201
718	1.99994	6.15E-05	2	1.11942	1.01942
719	2	3.47E-17	2	1.05588	0.95588
720	2	2.57E-07	2	1.12265	1.02265
721	2	1.44E-15	2	1.15215	1.05215
722	2	7.03E-11	2	1.09923	0.99923
723	2	3.32E-17	2	1.13844	1.03844
724	2	1.52E-15	2	1.10466	1.00466
725	2	2.84E-17	2	1.19641	1.09641
726	2	2.00E-17	2	1.10887	1.00887
727	1.99996	3.93E-05	2	1.13832	1.03832
728	2	4.67E-16	2	1.13906	1.03906
729	1.99979	0.000209301	2	1.17513	1.07513
730	2	2.45E-11	2	1.12184	1.02184
731	2	2.28E-18	2	1.08774	0.98774
732	1.99996	3.72E-05	2	1.08219	0.98219
733	1.99992	8.39E-05	2		
734	1.97381	0.0261943	2	1.15281	1.05281
735	2	1.19E-17	2	1.25234	1.15234
736	2	9.61E-07	2	1.05367	0.95367
737	2	3.23E-06	2	1.06337	0.96337
738	2	1.29E-13	2	1.17558	1.07558
739	1.99997	3.34E-05	2	1.13793	1.03793
740	2	4.20E-06	2	1.2122	1.1122
741	1.99997	2.59E-05	2	1.09106	0.99106
742	2	9.68E-17	2		
743	1.92646	0.0735401	2	1.15953	1.05953
744	2	6.10E-09	2	1.09413	0.99413
745	2	1.49E-17	2	1.15468	1.05468
746	2	1.20E-06	2	1.13858	1.03858
747	1.99992	8.24E-05	2		
748	1.99327	0.0067307	2	1.15686	1.05686
749	2	1.13E-16	2		
750	1.98894	0.0110589	2	1.23057	1.13057
751	1.99992	8.29E-05	2		
752	1.97924	0.02027587	2		
753	1.96766	0.0323367	2	1.13993	1.03993
754	2	5.39E-16	2	1.03938	0.93938
755	2	2.91E-17	2	1.04499	0.94499
756	1.99994	5.65E-05	2	1.17683	1.07683
757	2	1.27E-17	2	1.10217	1.00217
758	2	6.81E-18	2	1.06195	0.96195
759	2	2.19E-17	2	1.08981	0.98981
760	1.99995	5.50E-05	2	1.03579	0.93579
761	2	2.12E-17	2	1.16006	1.06006
762	1.99992	8.20E-05	2	1.19122	1.09122
763	2	4.39E-17	2	1.14797	1.04797
764	2	1.19E-16	2	1.1443	1.0443
765	2	6.76E-17	2	1.16338	1.06338
766	2	6.01E-11	2		

767	1.97681	0.023193	2	1.14682	1.04682
768	2	1.23E-17	2	1.28598	1.18598
769	2	8.08E-17	2	1.15854	1.05854
770	1.99956	0.000437246	2	1.34929	1.24929
771	1.99992	8.09E-05	2	1.13163	1.03163
772	2	8.68E-19	2	1.14107	1.04107
773	2	1.58E-18	2	1.19781	1.09781
774	2	1.20E-06	2	1.20849	1.10849
775	2	1.55E-06	2	1.09481	0.99481
776	2	2.01E-17	2	1.1415	1.0415
777	2	2.05E-18	2	1.05995	0.95995
778	2	9.93E-17	2	1.04904	0.94904
779	2	7.00E-19	2	1.2469	1.1469
780	2	8.84E-17	2	1.11713	1.01713
781	2	2.71E-18	2	1.11993	1.01993
782	2	5.09E-08	2	1.15002	1.05002
783	2	5.01E-18	2	1.20199	1.10199
784	2	3.21E-15	2		
785	1.99005	0.00994738	2	1.2119	1.1119
786	2	3.07E-15	2	1.27693	1.17693
787	2	2.35E-18	2	1.12495	1.02495
788	1.99979	0.000209147	2	1.0661	0.9661
789	2	7.72E-18	2	1.1248	1.0248
790	2	1.04E-16	2	1.07142	0.97142
791	1.99989	0.00010702	2	1.19579	1.09579
792	1.99993	6.73E-05	2	1.11337	1.01337
793	2	6.60E-17	2	1.08506	0.98506
794	2	1.51E-17	2		
795	1.99972	0.0002767773	2	1.20611	1.10611
796	2	4.04E-17	2		
797	1.98619	0.0138058	2	1.13177	1.03177
798	2	1.94E-17	2	1.25572	1.15572
799	1.99986	0.000143249	2	1.14112	1.04112
800	2	1.03E-15	2	1.18365	1.08366
801	2	3.65E-12	2	1.10846	1.00846
802	2	1.08E-16	2	1.08984	0.98984
803	2	7.76E-16	2	1.12972	1.02972
804	2	3.04E-17	2	1.1333	1.0333
805	1.99986	0.000136844	2	1.09227	0.99227
806	1.99989	0.000107367	2	1.11145	1.01145
807	2	5.46E-17	2	1.11492	1.01492
808	2	2.85E-07	2	1.08899	0.98899
809	1.99994	5.50E-05	2	1.12335	1.02335
810	2	2.99E-17	2	1.23391	1.13391
811	1.99895	0.00104976	2	1.07222	0.97222
812	2	5.10E-07	2		
813	1.97527	0.024729	2	1.07414	0.97414
814	2	1.84E-11	2	1.16954	1.06954
815	2	1.66E-18	2	1.09019	0.99019
816	2	8.47E-18	2	1.17182	1.07182
817	1.99999	1.27E-05	2		
818	1.96876	0.0312372	2	1.07336	0.97336
819	2	3.61E-17	2	1.0932	0.9932
820	2	4.33E-17	2		
821	1.96281	0.0371888	2	1.03236	0.93236
822	2	2.11E-17	2	1.19514	1.09514
823	1.99997	2.77E-05	2	1.09414	0.99414
824	2	3.46E-09	2	1.0682	0.9682
825	2	3.70E-16	2	1.27715	1.17715
826	2	5.91E-17	2	1.06633	0.96633
827	2	1.31E-13	2	1.2047	1.1047
828	2	5.13E-08	2	1.12053	1.02053
829	2	5.32E-18	2	1.04909	0.94909
830	2	5.59E-17	2	1.25699	1.15699
831	1.99992	7.55E-05	2	1.05535	0.95535
832	2	3.77E-17	2	1.04772	0.94772
833	1.9999	0.000100179	2	1.20214	1.10214
834	2	1.22E-14	2	1.07691	0.97691
835	2	1.72E-17	2	1.16868	1.06868
836	2	9.61E-07	2		
837	1.99156	0.00844379	2	1.07675	0.97675
838	2	7.50E-16	2	1.096	0.996
839	2	8.75E-09	2	1.05848	0.95848
840	1.99985	0.000148216	2	1.11566	1.01566
841	1.99992	8.40E-05	2	1.09391	0.99391
842	2	3.15E-17	2		
843	1.96677	0.0332298	2	1.16637	1.06637
844	2	3.65E-17	2	1.14203	1.04203

845	1.99988	0.000116	2	1.11771	1.01771
846	1.99999	1.47E-05	2	1.25006	1.15006
847	2	9.29E-17	2	1.04372	0.94372
848	2	1.38E-17	2	1.11928	1.01928
849	1.99994	5.69E-05	2	1.10078	1.00078
850	1.99995	5.16E-05	2	1.14921	1.04921
851	1.99989	0.000110099	2	1.19464	1.09464
852	1.99976	0.000241235	2	1.06704	0.96704
853	1.99996	4.30E-05	2	1.0544	0.9544
854	2	9.00E-18	2	1.10864	1.00864
855	2	2.78E-17	2	1.14156	1.04156
856	1.99991	9.45E-05	2	1.18577	1.08577
857	1.99988	0.000118499	2	1.07274	0.97274
858	2	6.40E-17	2	1.08987	0.98987
859	1.99986	0.000143082	2		
860	1.99977	0.000232835	2	1.18826	1.08826
861	2	1.04E-18	2		
862	1.99177	0.00823248	2	1.13184	1.03184
863	2	1.08E-15	2	1.23901	1.13901
864	2	5.70E-17	2	1.08796	0.98796
865	2	3.61E-17	2	1.04872	0.94872
866	1.9999	9.82E-05	2	1.1664	1.0664
867	2	2.41E-17	2	1.10645	1.00645
868	1.99988	0.00011819	2	1.15708	1.05708
869	2	4.97E-17	2	1.12526	1.02526
870	1.99997	3.34E-05	2	1.08798	0.98798
871	2	1.54E-15	2	1.14599	1.04599
872	2	9.16E-06	2	1.08109	0.98109
873	2	1.97E-18	2	1.16076	1.06076
874	1.99991	8.85E-05	2	1.12844	1.02844
875	2	7.05E-18	2	1.09703	0.99705
876	2	2.78E-17	2	1.21252	1.11252
877	2	7.08E-09	2	1.14895	1.04895
878	1.99988	0.00011819	2	1.09453	0.98453
879	2	1.44E-16	2	1.18632	1.08632
880	2	6.80E-13	2	1.09088	0.99088
881	2	7.50E-11	2	1.23437	1.13437
882	2	1.28E-18	2		
883	1.96794	0.0320642	2	1.09443	0.99443
884	2	5.05E-13	2	1.14509	1.04509
885	1.99991	8.56E-05	2	1.05043	0.95043
886	1.99998	1.79E-05	2	1.2381	1.1381
887	2	8.57E-07	2	1.17829	1.07829
888	1.99996	3.56E-05	2	1.1265	1.0265
889	2	6.65E-16	2	1.24454	1.14454
890	2	2.07E-08	2	1.22411	1.12411
891	1.99998	2.30E-05	2	1.14619	1.04619
892	1.99989	0.000112427	2	1.04778	0.94778
893	2	3.84E-16	2	1.1626	1.0626
894	2	2.82E-18	2	1.18142	1.08142
895	2	1.19E-17	2	1.06864	0.96864
896	2	7.43E-09	2	1.10268	1.00268
897	1.99996	4.04E-05	2	1.2233	1.1233
898	1.99996	4.32E-05	2	1.18526	1.08526
899	1.99993	7.49E-05	2	1.05437	0.95437
900	2	5.40E-18	2	1.1646	1.0646
901	2	8.89E-10	2	1.07977	0.97977
902	2	1.67E-17	2	1.08958	0.98958
903	1.9999	0.000104555	2	1.1734	1.0734
904	2	1.16E-16	2	1.07391	0.97391
905	2	1.89E-17	2	1.1819	1.0819
906	2	9.61E-07	2		
907	1.96695	0.03030527	2	1.24081	1.14081
908	2	1.48E-06	2	1.07666	0.97666
909	2	1.15E-16	2	1.16886	1.06886
910	2	1.54E-12	2	1.1644	1.0644
911	1.99999	1.27E-05	2	1.06199	0.96199
912	2	1.38E-16	2	1.18464	1.08464
913	2	9.83E-13	2	1.11591	1.01591
914	1.99996	3.86E-05	2	1.05568	0.95568
915	1.99997	3.21E-05	2	1.10478	1.00478
916	2	8.72E-19	2	1.03249	0.93249
917	2	3.31E-06	2	1.22639	1.12639
918	2	6.59E-18	2	1.13704	1.03704
919	2	1.02E-16	2	1.08896	0.98896
920	2	4.07E-16	2	1.11579	1.01579
921	2	4.50E-17	2	1.27152	1.17152
922	2	2.44E-18	2	1.12653	1.02653



Measurement: 12				
step	t2	FROM	TO	7.811306140000
1	1.10525	0.894751	2	0.002238584589
2	1.14244	0.857564	2	7.793320000000
3	1.09656	0.903441	2	7.813220000000
4	1.22057	0.779426	2	7.812300000000
5	1.10879	0.891211	2	
6	1.03872	0.961284	2	
7	1.05038	0.949625	2	
8	1.14987	0.850129	2	
9	1.10403	0.895972	2	
10	1.11971	0.880292	2	
11	1.06729	0.932715	2	
12	1.05678	0.943224	2	
13	1.04443	0.955566	2	
14	1.13809	0.861909	2	
15	1.13601	0.863988	2	
16	1.14248	0.857521	2	
17	1.06687	0.933127	2	
18	1.09369	0.906313	2	
19	1.17993	0.820071	2	
20	1.23834	0.76168	2	
21	1.97733	0.0226708	2	
22	1.08834	0.911664	2	
23	1.17109	0.828912	2	
24	1.17751	0.822494	2	
25	1.13851	0.861489	2	
26	1.07507	0.924935	2	
27	1.98097	0.0190313	2	
28	1.13272	0.867282	2	
29	1.13336	0.866641	2	
30	1.05003	0.949974	2	
31	1.08034	0.919662	2	
32	1.03449	0.965514	2	
33	1.12403	0.87597	2	
34	1.1343	0.865701	2	
35	1.08863	0.911375	2	
36	1.16003	0.839969	2	
37	1.97246	0.0275416	2	
38	1.11098	0.889018	2	
39	1.11913	0.880868	2	
40	1.10726	0.892736	2	
41	1.04802	0.951977	2	
42	1.15063	0.849369	2	
43	1.06906	0.91094	2	
44	1.14374	0.856265	2	
45	1.12946	0.870544	2	
46	1.03787	0.962131	2	
47	1.04343	0.956571	2	
48	1.14333	0.856668	2	
49	1.09514	0.904863	2	
50	1.10008	0.899925	2	
51	1.12272	0.877283	2	
52	1.13042	0.869579	2	
53	1.19063	0.809371	2	
54	1.09528	0.904723	2	
55	1.10324	0.896764	2	
56	1.09989	0.900114	2	
57	1.1991	0.800897	2	
58	1.11349	0.886512	2	
59	1.21276	0.787245	2	
60	1.13501	0.864999	2	
61	1.10902	0.890976	2	
62	1.07044	0.929561	2	
63	1.15779	0.842206	2	
64	1.15726	0.842736	2	
65	1.1099	0.890101	2	
66	1.12763	0.87237	2	
67	1.19144	0.808556	2	
68	1.17957	0.820434	2	
69	1.05816	0.941841	2	
70	1.09517	0.904832	2	
71	1.15907	0.84093	2	
72	1.08135	0.918654	2	
73	1.04328	0.95672	2	
74	1.1125	0.8875	2	
75	1.16726	0.832741	2	

76	1.11687	0.883132	2
77	1.05505	0.944947	2
78	1.12566	0.874336	2
79	1.10962	0.890382	2
80	1.20188	0.798124	2
81	1.1655	0.8345	2
82	1.95149	0.0485086	2
83	1.1351	0.864899	2
84	1.07144	0.928564	2
85	1.12435	0.875652	2
86	1.12948	0.870524	2
87	1.11658	0.883415	2
88	1.06693	0.933075	2
89	1.1317	0.868299	2
90	1.1364	0.863597	2
91	1.12824	0.871763	2
92	1.06584	0.934159	2
93	1.03338	0.966622	2
94	1.10201	0.897994	2
95	1.12609	0.873914	2
96	1.11864	0.881359	2
97	1.13918	0.860818	2
98	1.14148	0.858523	2
99	1.03415	0.965849	2
100	1.15247	0.847531	2
101	1.18593	0.814067	2
102	1.09283	0.907166	2
103	1.9709	0.0291015	2
104	1.04753	0.952474	2
105	1.16624	0.833763	2
106	1.09923	0.900775	2
107	1.09207	0.907932	2
108	1.09716	0.902838	2
109	1.14153	0.858466	2
110	1.9981	0.00189819	2
111	1.07208	0.927922	2
112	1.99181	0.00819495	2
113	1.11825	0.881753	2
114	1.07111	0.928889	2
115	1.15328	0.84672	2
116	1.21203	0.787972	2
117	1.16069	0.839307	2
118	1.0714	0.928604	2
119	1.16467	0.835333	2
120	1.08524	0.914757	2
121	1.12317	0.87683	2
122	1.12725	0.872746	2
123	1.15233	0.847674	2
124	1.09116	0.908845	2
125	1.06299	0.937013	2
126	1.08159	0.918407	2
127	1.14461	0.855392	2
128	1.14599	0.854008	2
129	1.15088	0.849117	2
130	1.14101	0.858993	2
131	1.11427	0.885732	2
132	1.1034	0.896603	2
133	1.05597	0.944029	2
134	1.08644	0.913558	2
135	1.96352	0.0364824	2
136	1.08447	0.915525	2
137	1.13316	0.866843	2
138	1.06981	0.930194	2
139	1.09994	0.900062	2
140	1.08861	0.911388	2
141	1.10069	0.899314	2
142	1.0479	0.952101	2
143	1.0592	0.9408	2
144	1.10891	0.891086	2
145	1.07432	0.925683	2
146	1.11075	0.889249	2
147	1.05739	0.942606	2
148	1.09873	0.901272	2
149	1.03787	0.962134	2
150	1.99915	0.000852889	2
151	1.16693	0.833067	2
152	1.23729	0.762705	2
153	1.06034	0.939659	2

154	1.10614	0.893862	2
155	1.07646	0.923542	2
156	1.06669	0.933308	2
157	1.97863	0.0213706	2
158	1.08686	0.91314	2
159	1.138	0.861998	2
160	1.07312	0.926881	2
161	1.21142	0.788576	2
162	1.12909	0.87091	2
163	1.21023	0.789774	2
164	1.19256	0.807444	2
165	1.08145	0.918551	2
166	1.10629	0.693713	2
167	1.1208	0.879204	2
168	1.15479	0.845206	2
169	1.04793	0.952071	2
170	1.04073	0.959268	2
171	1.14807	0.851932	2
172	1.07699	0.923007	2
173	1.08453	0.915472	2
174	1.08247	0.917535	2
175	1.12056	0.879444	2
176	1.16273	0.837269	2
177	1.99972	0.000275988	2
178	1.12062	0.879376	2
179	1.07724	0.92276	2
180	1.04297	0.957034	2
181	1.03607	0.963931	2
182	1.21761	0.782391	2
183	1.12942	0.870582	2
184	1.09968	0.900315	2
185	1.22344	0.776559	2
186	1.06064	0.939356	2
187	1.12339	0.876611	2
188	1.09581	0.904185	2
189	1.12047	0.879526	2
190	1.0701	0.928985	2
191	1.07332	0.926881	2
192	1.10674	0.893263	2
193	1.07983	0.92017	2
194	1.04913	0.95087	2
195	1.17391	0.826092	2
196	1.14001	0.85999	2
197	1.08309	0.916912	2
198	1.18315	0.916849	2
199	1.99001	0.00999446	2
200	1.04118	0.958822	2
201	1.14294	0.857055	2
202	1.13311	0.866886	2
203	1.1065	0.893501	2
204	1.09513	0.904867	2
205	1.21617	0.783826	2
206	1.11136	0.888638	2
207	1.09299	0.907007	2
208	1.13398	0.866017	2
209	1.15662	0.843384	2
210	1.03113	0.968672	2
211	1.06678	0.933223	2
212	1.09835	0.903653	2
213	1.21638	0.783621	2
214	1.15517	0.844825	2
215	1.12123	0.878765	2
216	1.07806	0.921943	2
217	1.99075	0.00924822	2
218	1.0368	0.9632	2
219	1.06945	0.930547	2
220	1.17885	0.821146	2
221	1.08996	0.91004	2
222	1.11368	0.886316	2
223	1.09021	0.909794	2
224	1.12987	0.870128	2
225	1.09395	0.906051	2
226	1.0598	0.8402	2
227	1.04848	0.951517	2
228	1.08069	0.919308	2
229	1.11372	0.886277	2
230	1.03291	0.967092	2
231	1.12868	0.871321	2

232	1.07424	0.925757	2
233	1.06253	0.937471	2
234	1.05456	0.945442	2
235	1.14954	0.850463	2
236	1.08571	0.914292	2
237	1.06794	0.932058	2
238	1.10531	0.894689	2
239	1.13379	0.866208	2
240	1.13177	0.868231	2
241	1.07827	0.921732	2
242	1.17947	0.820526	2
243	1.17143	0.828568	2
244	1.9969	0.0030963	2
245	1.15801	0.84199	2
246	1.09038	0.909622	2
247	1.08566	0.91434	2
248	1.14743	0.852574	2
249	1.07699	0.923008	2
250	1.98231	0.0176941	2
251	1.10655	0.893453	2
252	1.12318	0.876821	2
253	1.09871	0.901291	2
254	1.10036	0.899644	2
255	1.1405	0.859496	2
256	1.04791	0.952092	2
257	1.16725	0.832747	2
258	1.10808	0.891922	2
259	1.08776	0.912423	2
260	1.07061	0.929388	2
261	1.10935	0.89065	2
262	1.0836	0.916401	2
263	1.07704	0.922955	2
264	1.04874	0.951262	2
265	1.11345	0.886553	2
266	1.98611	0.0138911	2
267	1.13183	0.868166	2
268	1.10682	0.89318	2
269	1.16571	0.834287	2
270	1.99003	0.00997325	2
271	1.09452	0.905481	2
272	1.19746	0.802544	2
273	1.06895	0.931036	2
274	1.16236	0.837645	2
275	1.07566	0.924342	2
276	1.0542	0.945805	2
277	1.13448	0.865519	2
278	1.12265	0.877353	2
279	1.0812	0.918801	2
280	1.071	0.929001	2
281	1.11934	0.880655	2
282	1.08662	0.91338	2
283	1.07295	0.927046	2
284	1.15409	0.845914	2
285	1.10926	0.890736	2
286	1.08635	0.913653	2
287	1.23823	0.761772	2
288	1.13402	0.865978	2
289	1.10541	0.89459	2
290	1.15357	0.846427	2
291	1.09252	0.907477	2
292	1.12674	0.873262	2
293	1.15158	0.848422	2
294	1.09258	0.907422	2
295	1.05574	0.944265	2
296	1.15317	0.846833	2
297	1.04625	0.95375	2
298	1.19777	0.802226	2
299	1.08837	0.911632	2
300	1.07509	0.924914	2
301	1.97567	0.0243275	2
302	1.14025	0.859747	2
303	1.99921	0.000789279	2
304	1.07224	0.927765	2
305	1.09524	0.904757	2
306	1.13331	0.866691	2
307	1.13536	0.864637	2
308	1.04802	0.951975	2
309	1.97808	0.0219208	2

310	1.18804	0.811964	2
311	1.08138	0.918615	2
312	1.08456	0.915442	2
313	1.13546	0.864541	2
314	1.03238	0.967619	2
315	1.98773	0.0722661	2
316	1.05606	0.943941	2
317	1.10711	0.892889	2
318	1.1222	0.877801	2
319	1.0852	0.914804	2
320	1.14538	0.854616	2
321	1.16178	0.838215	2
322	1.97501	0.0249925	2
323	1.1704	0.829598	2
324	1.96588	0.0341183	2
325	1.16095	0.839055	2
326	1.98377	0.0162293	2
327	1.12972	0.870282	2
328	1.10044	0.899559	2
329	1.12182	0.878177	2
330	1.14696	0.85304	2
331	1.16487	0.835127	2
332	1.06095	0.839047	2
333	1.20873	0.791273	2
334	1.5688	0.431197	2
335	1.07026	0.929742	2
336	1.09122	0.908785	2
337	1.17176	0.828241	2
338	1.1388	0.861205	2
339	1.138	0.862005	2
340	1.14525	0.85475	2
341	1.99213	0.00787086	2
342	1.06533	0.93467	2
343	1.08423	0.915771	2
344	1.06505	0.944952	2
345	1.18447	0.81553	2
346	1.11915	0.880846	2
347	1.05416	0.945835	2
348	1.04464	0.955365	2
349	1.09541	0.904592	2
350	1.12717	0.872834	2
351	1.14293	0.857067	2
352	1.98361	0.0163935	2
353	1.97461	0.0253886	2
354	1.98897	0.0110315	2
355	1.97866	0.0213435	2
356	1.07489	0.925112	2
357	1.03909	0.960907	2
358	1.10475	0.895248	2
359	1.07768	0.922317	2
360	1.08008	0.919918	2
361	1.09279	0.907209	2
362	1.08986	0.91014	2
363	1.09571	0.904294	2
364	1.19125	0.808747	2
365	1.98917	0.010827	2
366	1.1772	0.822801	2
367	1.17566	0.824338	2
368	1.09023	0.909774	2
369	1.0778	0.922201	2
370	1.1001	0.899899	2
371	1.08276	0.917239	2
372	1.15732	0.842679	2
373	1.10423	0.895772	2
374	1.10922	0.89078	2
375	1.10709	0.892912	2
376	1.15582	0.844184	2
377	1.05355	0.946452	2
378	1.16836	0.831641	2
379	1.11879	0.881209	2
380	1.04793	0.95207	2
381	1.17395	0.826049	2
382	1.13878	0.861223	2
383	1.10741	0.892586	2
384	1.12084	0.87916	2
385	1.09665	0.903351	2
386	1.17139	0.828608	2
387	1.15303	0.846969	2

388	1.10025	0.899754	2
389	1.09433	0.905673	2
390	1.07572	0.924283	2
391	1.97484	0.0251585	2
392	1.19093	0.809071	2
393	1.16787	0.832126	2
394	1.9972	0.00279981	2
395	1.1085	0.891502	2
396	1.10015	0.899846	2
397	1.9722	0.0278049	2
398	1.06418	0.935824	2
399	1.23726	0.762737	2
400	1.15267	0.84733	2
401	1.96961	0.0303853	2
402	1.09797	0.902033	2
403	1.98284	0.0171616	2
404	1.99532	0.00468329	2
405	1.11919	0.880813	2
406	1.08366	0.916345	2
407	1.10942	0.890576	2
408	1.17865	0.821347	2
409	1.09117	0.908835	2
410	1.13018	0.869824	2
411	1.06586	0.934144	2
412	1.1637	0.836299	2
413	1.03601	0.963994	2
414	1.06389	0.936111	2
415	1.2392	0.760798	2
416	1.0783	0.921703	2
417	1.10096	0.899044	2
418	1.10447	0.895529	2
419	1.04451	0.955493	2
420	1.06618	0.933822	2
421	1.03327	0.966727	2
422	1.9819	0.0181008	2
423	1.99159	0.00840673	2
424	1.14519	0.854805	2
425	1.16513	0.834873	2
426	1.04592	0.954083	2
427	1.04549	0.954511	2
428	1.1391	0.860902	2
429	1.1342	0.865796	2
430	1.12173	0.878273	2
431	1.08507	0.914935	2
432	1.21556	0.784435	2
433	1.15966	0.840342	2
434	1.13879	0.86121	2
435	1.21812	0.781881	2
436	1.06747	0.932531	2
437	1.09265	0.907349	2
438	1.07153	0.928473	2
439	1.06852	0.931477	2
440	1.20738	0.792621	2
441	1.16561	0.834386	2
442	1.10599	0.894009	2
443	1.15362	0.846375	2
444	1.14546	0.854541	2
445	1.11296	0.88704	2
446	1.16388	0.836125	2
447	1.10756	0.892442	2
448	1.20641	0.793586	2
449	1.17686	0.82314	2
450	1.11943	0.880571	2
451	1.10598	0.894016	2
452	1.07943	0.920565	2
453	1.16675	0.83325	2
454	1.11231	0.887688	2
455	1.11816	0.881835	2
456	1.07357	0.926431	2
457	1.12548	0.874524	2
458	1.13145	0.868547	2
459	1.13847	0.861528	2
460	1.16496	0.835038	2
461	1.1391	0.860899	2
462	1.04697	0.953027	2
463	1.93098	0.0690243	2
464	1.97258	0.0274165	2
465	1.9911	0.00889537	2

466	1.1437	0.856297	2
467	1.03174	0.968256	2
468	1.15104	0.848963	2
469	1.18373	0.816271	2
470	1.06575	0.934255	2
471	1.03277	0.967232	2
472	1.09896	0.901036	2
473	1.11175	0.888249	2
474	1.09693	0.903065	2
475	1.11948	0.880519	2
476	1.15811	0.841895	2
477	1.09429	0.905708	2
478	1.14782	0.852182	2
479	1.14565	0.854349	2
480	1.09831	0.901685	2
481	1.03549	0.964505	2
482	1.08223	0.917766	2
483	1.10581	0.894188	2
484	1.12257	0.877428	2
485	1.12285	0.877153	2
486	1.09278	0.907219	2
487	1.99612	0.00388261	2
488	1.09452	0.905478	2
489	1.09639	0.903607	2
490	1.06362	0.936377	2
491	1.06949	0.930505	2
492	1.05368	0.946324	2
493	1.11294	0.887057	2
494	1.07948	0.920521	2
495	1.63907	0.369392	2
496	1.16864	0.813159	2
497	1.10248	0.897519	2
498	1.94439	0.0556061	2
499	1.19108	0.808919	2
500	1.12245	0.877547	2
501	1.03875	0.961252	2
502	1.13796	0.862036	2
503	1.12438	0.875624	2
504	1.99886	0.00114445	2
505	1.17952	0.820481	2
506	1.13404	0.865957	2
507	1.03658	0.963419	2
508	1.07607	0.923931	2
509	1.15448	0.845524	2
510	1.09349	0.906511	2
511	1.06485	0.935152	2
512	1.1133	0.886698	2
513	1.15765	0.84235	2
514	1.05414	0.945864	2
515	1.16711	0.832891	2
516	1.06258	0.937424	2
517	1.17748	0.822524	2
518	1.15348	0.84652	2
519	1.07271	0.927285	2
520	1.08913	0.910869	2
521	1.17286	0.827139	2
522	1.12133	0.878669	2
523	1.1315	0.868504	2
524	1.96589	0.0341142	2
525	1.12282	0.877176	2
526	1.13122	0.868782	2
527	1.14247	0.857527	2
528	1.0773	0.922704	2
529	1.13974	0.860261	2
530	1.15725	0.842752	2
531	1.07429	0.925714	2
532	1.05542	0.944575	2
533	1.96767	0.032336	2
534	1.09993	0.900074	2
535	1.11259	0.887406	2
536	1.07512	0.924883	2
537	1.12006	0.879945	2
538	1.19312	0.806881	2
539	1.08658	0.913418	2
540	1.12004	0.879964	2
541	1.19093	0.809073	2
542	1.09214	0.907863	2
543	1.10932	0.890676	2

544	1.13131	0.968688	2
545	1.12943	0.87057	2
546	1.11152	0.88848	2
547	1.15315	0.846848	2
548	1.96	0.0400031	2
549	1.6681	0.331903	2
550	1.05466	0.945343	2
551	1.21408	0.785919	2
552	1.04816	0.951836	2
553	1.15238	0.84762	2
554	1.1998	0.880017	2
555	1.11295	0.887054	2
556	1.11668	0.883323	2
557	1.10618	0.893815	2
558	1.08869	0.911311	2
559	1.0757	0.924302	2
560	1.16092	0.839075	2
561	1.9599	0.0400973	2
562	1.16502	0.834975	2
563	1.11235	0.887647	2
564	1.13583	0.864167	2
565	1.06618	0.933817	2
566	1.05832	0.941683	2
567	1.14908	0.850922	2
568	1.11234	0.887655	2
569	1.13435	0.865645	2
570	1.23235	0.76765	2
571	1.09492	0.905084	2
572	1.13945	0.860551	2
573	1.09379	0.906213	2
574	1.04402	0.955983	2
575	1.17116	0.828839	2
576	1.99458	0.0054172	2
577	1.98808	0.0119162	2
578	1.12173	0.878267	2
579	1.17595	0.824053	2
580	1.14267	0.857335	2
581	1.15513	0.844873	2
582	1.08794	0.912064	2
583	1.17589	0.824107	2
584	1.0597	0.940296	2
585	1.17174	0.828257	2
586	1.07618	0.923823	2
587	1.10045	0.899554	2
588	1.1017	0.988299	2
589	1.12695	0.873053	2
590	1.1844	0.815595	2
591	1.0563	0.943697	2
592	1.12946	0.870538	2
593	1.12228	0.877717	2
594	1.03584	0.964157	2
595	1.06907	0.930931	2
596	1.03596	0.964043	2
597	1.05587	0.944127	2
598	1.08698	0.913021	2
599	1.16442	0.835575	2
600	1.0628	0.937199	2
601	1.1261	0.873897	2
602	1.16439	0.835612	2
603	1.16501	0.834987	2
604	1.1042	0.895797	2
605	1.08386	0.916143	2
606	1.14079	0.859213	2
607	1.16846	0.831537	2
608	1.06728	0.932722	2
609	1.98294	0.0170621	2
610	1.1564	0.843599	2
611	1.09194	0.908059	2
612	1.14114	0.85886	2
613	1.07014	0.929864	2
614	1.12331	0.876689	2
615	1.12916	0.870842	2
616	1.04054	0.95946	2
617	1.11437	0.885635	2
618	1.04153	0.958472	2
619	1.05558	0.94442	2
620	1.05853	0.941467	2
621	1.05483	0.945165	2

622	1.1234	0.876596	2
623	1.06716	0.912637	2
624	1.05354	0.946457	2
625	1.03522	0.964779	2
626	1.08949	0.910509	2
627	1.07493	0.925069	2
628	1.12994	0.870057	2
629	1.15609	0.843908	2
630	1.07355	0.92645	2
631	1.12176	0.878243	2
632	1.04914	0.950857	2
633	1.09442	0.905579	2
634	1.10018	0.899824	2
635	1.97915	0.0208493	2
636	1.12737	0.872632	2
637	1.10189	0.898108	2
638	1.99812	0.00187803	2
639	1.15615	0.843845	2
640	1.12169	0.876311	2
641	1.98158	0.0184157	2
642	1.18011	0.819887	2
643	1.15588	0.844118	2
644	1.11274	0.887258	2
645	1.12736	0.872637	2
646	1.19746	0.802539	2
647	1.1965	0.803495	2
648	1.08812	0.911877	2
649	1.1798	0.820198	2
650	1.06548	0.934519	2
651	1.03962	0.960378	2
652	1.16563	0.834373	2
653	1.17369	0.826308	2
654	1.12538	0.87462	2
655	1.0823	0.917698	2
656	1.18704	0.812959	2
657	1.1449	0.855098	2
658	1.12064	0.879358	2
659	1.11306	0.886944	2
660	1.18984	0.810159	2
661	1.14916	0.85084	2
662	1.12748	0.872524	2
663	1.10469	0.895309	2
664	1.03462	0.965378	2
665	1.11019	0.889808	2
666	1.11505	0.884945	2
667	1.10373	0.896273	2
668	1.13769	0.862308	2
669	1.05501	0.944993	2
670	1.18426	0.815741	2
671	1.11313	0.886874	2
672	1.14341	0.856588	2
673	1.07042	0.929584	2
674	1.06482	0.935181	2
675	1.16044	0.839562	2
676	1.04534	0.954665	2
677	1.05289	0.947111	2
678	1.16944	0.830555	2
679	1.07221	0.92779	2
680	1.07698	0.923025	2
681	1.12354	0.876459	2
682	1.13031	0.869694	2
683	1.19303	0.806973	2
684	1.97974	0.0202612	2
685	1.10601	0.893988	2
686	1.04707	0.952929	2
687	1.99728	0.00272265	2
688	1.06365	0.936355	2
689	1.10114	0.898604	2
690	1.09014	0.909861	2
691	1.06804	0.931964	2
692	1.13128	0.868715	2
693	1.08818	0.911821	2
694	1.21216	0.787839	2
695	1.13396	0.866045	2
696	1.05483	0.945165	2
697	1.04372	0.956278	2
698	1.13026	0.869739	2
699	1.03716	0.962842	2

700	1.14949	0.850515	2
701	1.09727	0.902731	2
702	1.17713	0.822872	2
703	1.17572	0.824278	2
704	1.17536	0.824636	2
705	1.12371	0.876294	2
706	1.19334	0.806659	2
707	1.05771	0.942293	2
708	1.05584	0.944155	2
709	1.07247	0.927528	2
710	1.9844	0.0155981	2
711	1.03962	0.960379	2
712	1.95876	0.0412374	2
713	1.17952	0.82048	2
714	1.17577	0.824227	2
715	1.13837	0.861629	2
716	1.07964	0.920355	2
717	1.04799	0.952011	2
718	1.04937	0.950627	2
719	1.10668	0.89332	2
720	1.05292	0.947081	2
721	1.10925	0.890752	2
722	1.13206	0.867944	2
723	1.08027	0.909728	2
724	1.12161	0.878393	2
725	1.09474	0.905256	2
726	1.16416	0.835835	2
727	1.09814	0.901855	2
728	1.12151	0.878487	2
729	1.12187	0.878128	2
730	1.14903	0.850967	2
731	1.10861	0.891393	2
732	1.08063	0.919371	2
733	1.07587	0.924134	2
734	1.9738	0.0261959	2
735	1.13256	0.867443	2
736	1.20149	0.798508	2
737	1.05094	0.949064	2
738	1.0596	0.940405	2
739	1.14932	0.850677	2
740	1.1212	0.878797	2
741	1.17503	0.824972	2
742	1.08346	0.916541	2
743	1.92646	0.0735419	2
744	1.13758	0.862422	2
745	1.08603	0.913971	2
746	1.13395	0.866045	2
747	1.12163	0.878366	2
748	1.99327	0.00673242	2
749	1.13559	0.864411	2
750	1.98894	0.0110605	2
751	1.16729	0.812713	2
752	1.97924	0.0207604	2
753	1.96766	0.0323385	2
754	1.12275	0.87725	2
755	1.03789	0.962114	2
756	1.04299	0.957008	2
757	1.15026	0.849743	2
758	1.0927	0.907305	2
759	1.05833	0.941665	2
760	1.08236	0.917643	2
761	1.03456	0.965442	2
762	1.13789	0.862108	2
763	1.16052	0.839477	2
764	1.1289	0.871104	2
765	1.1261	0.873896	2
766	1.14043	0.859566	2
767	1.97681	0.0231947	2
768	1.12802	0.871976	2
769	1.22238	0.777618	2
770	1.13641	0.863593	2
771	1.25879	0.741211	2
772	1.11632	0.883677	2
773	1.12363	0.876367	2
774	1.16514	0.834857	2
775	1.17252	0.827481	2
776	1.0866	0.913396	2
777	1.12396	0.87604	2

778	1.05656	0.943442	2
779	1.04675	0.953252	2
780	1.19801	0.801986	2
781	1.10485	0.895153	2
782	1.10708	0.892916	2
783	1.13045	0.869547	2
784	1.16805	0.831954	2
785	1.99005	0.00994913	2
786	1.17485	0.825152	2
787	1.21687	0.783129	2
788	1.11086	0.889138	2
789	1.062	0.938001	2
790	1.11096	0.889044	2
791	1.06655	0.93345	2
792	1.16367	0.836333	2
793	1.10183	0.898175	2
794	1.07839	0.921606	2
795	1.99972	0.000278474	2
796	1.17089	0.829109	2
797	1.98619	0.0138075	2
798	1.11643	0.883568	2
799	1.2035	0.796499	2
800	1.12367	0.876333	2
801	1.15516	0.844835	2
802	1.09785	0.90215	2
803	1.08243	0.917567	2
804	1.11483	0.885174	2
805	1.11748	0.882516	2
806	1.08437	0.915629	2
807	1.10027	0.899726	2
808	1.10307	0.896927	2
809	1.08166	0.918337	2
810	1.10981	0.890191	2
811	1.18852	0.811479	2
812	1.06735	0.932645	2
813	1.97527	0.0247307	2
814	1.06902	0.930976	2
815	1.14496	0.855038	2
816	1.08273	0.917272	2
817	1.14661	0.853387	2
818	1.96876	0.031239	2
819	1.06835	0.931654	2
820	1.08526	0.914743	2
821	1.96281	0.0371904	2
822	1.03135	0.968651	2
823	1.16325	0.83675	2
824	1.08604	0.913962	2
825	1.06384	0.936158	2
826	1.21701	0.782992	2
827	1.06221	0.937794	2
828	1.16992	0.830084	2
829	1.10756	0.892437	2
830	1.04679	0.953207	2
831	1.20438	0.795625	2
832	1.05245	0.947555	2
833	1.04545	0.954555	2
834	1.16815	0.831853	2
835	1.07142	0.928585	2
836	1.14433	0.855666	2
837	1.99155	0.00844558	2
838	1.07128	0.92872	2
839	1.08759	0.912412	2
840	1.0551	0.944898	2
841	1.10358	0.896415	2
842	1.08585	0.914152	2
843	1.96677	0.0332316	2
844	1.14284	0.857359	2
845	1.12425	0.875747	2
846	1.1053	0.894704	2
847	1.20004	0.799963	2
848	1.04189	0.958114	2
849	1.10651	0.893492	2
850	1.0915	0.908497	2
851	1.12972	0.870276	2
852	1.16269	0.837313	2
853	1.06279	0.937211	2
854	1.05159	0.948406	2
855	1.09799	0.902005	2

856	1.12391	0.876086	2
857	1.15654	0.843455	2
858	1.06781	0.932191	2
859	1.08232	0.91768	2
860	1.99977	0.000234502	2
861	1.15843	0.841568	2
862	1.99177	0.00823414	2
863	1.11649	0.883513	2
864	1.1929	0.807098	2
865	1.08085	0.919154	2
866	1.04636	0.953645	2
867	1.14266	0.857336	2
868	1.09609	0.90391	2
869	1.13575	0.864247	2
870	1.11129	0.888714	2
871	1.08087	0.919132	2
872	1.12739	0.872606	2
873	1.07501	0.924992	2
874	1.1384	0.861595	2
875	1.11382	0.886182	2
876	1.08846	0.91154	2
877	1.17527	0.824731	2
878	1.12952	0.87048	2
879	1.07794	0.922062	2
880	1.15706	0.842944	2
881	1.08331	0.916693	2
882	1.18987	0.810129	2
883	1.96793	0.0320659	2
884	1.08628	0.913721	2
885	1.12662	0.873377	2
886	1.04799	0.952013	2
887	1.19231	0.80769	2
888	1.15128	0.848722	2
889	1.11229	0.887707	2
890	1.19649	0.803512	2
891	1.18306	0.816943	2
892	1.12743	0.872568	2
893	1.0456	0.9544	2
894	1.13986	0.860145	2
895	1.15356	0.846442	2
896	1.06423	0.935772	2
897	1.09308	0.906925	2
898	1.1825	0.817503	2
899	1.15623	0.84377	2
900	1.05156	0.948436	2
901	1.14134	0.858661	2
902	1.07388	0.926124	2
903	1.08211	0.917892	2
904	1.14778	0.852223	2
905	1.06882	0.931178	2
906	1.15391	0.846095	2
907	1.96695	0.0330545	2
908	1.19407	0.805927	2
909	1.0712	0.928799	2
910	1.14446	0.855535	2
911	1.14118	0.858821	2
912	1.05837	0.941629	2
913	1.15586	0.844139	2
914	1.10383	0.896165	2
915	1.05271	0.947291	2
916	1.09484	0.905158	2
917	1.03147	0.968534	2
918	1.1846	0.815401	2
919	1.12053	0.879475	2
920	1.08169	0.918306	2
921	1.10377	0.896226	2
922	1.21354	0.786461	2
923	1.1122	0.887805	2
924	1.1107	0.889304	2
925	1.13873	0.861269	2
926	1.60901	0.390992	2
927	1.12474	0.875257	2
928	1.08461	0.915386	2
929	1.03373	0.966266	2
930	1.04423	0.955767	2
931	1.12014	0.879856	2
932	1.10734	0.892656	2
933	1.09561	0.904388	2

934	1.03794	0.962064	2
935	1.07481	0.925188	2
936	1.042	0.958004	2
937	1.14003	0.859975	2
938	1.1544	0.88456	2
939	1.13872	0.861282	2
940	1.11174	0.88826	2
941	1.1433	0.856702	2
942	1.05834	0.941662	2
943	1.10171	0.898289	2
944	1.08811	0.911887	2
945	1.12436	0.875638	2
946	1.12106	0.878939	2
947	1.13702	0.862978	2
948	1.03982	0.960185	2
949	1.05207	0.947925	2
950	1.09528	0.904722	2
951	1.13224	0.867758	2
952	1.18367	0.816328	2
953	1.06453	0.935469	2
954	1.96191	0.0380894	2
955	1.19958	0.800421	2
956	1.09795	0.902048	2
957	1.99517	0.00483153	2
958	1.13576	0.864235	2
959	1.0552	0.944796	2
960	1.0532	0.946796	2
961	1.12064	0.879362	2
962	1.10919	0.890805	2
963	1.12086	0.879136	2
964	1.95692	0.0430771	2
965	1.05739	0.942606	2
966	1.09461	0.905385	2
967	1.10865	0.891346	2
968	1.98946	0.0105368	2
969	1.10992	0.890085	2
970	1.22637	0.773635	2
971	1.09952	0.900483	2
972	1.09241	0.907585	2
973	1.12888	0.87112	2
974	1.20194	0.798059	2
975	1.12686	0.873139	2
976	1.07973	0.920274	2
977	1.04608	0.953921	2
978	1.0915	0.908505	2
979	1.09402	0.905981	2
980	1.08172	0.918282	2
981	1.13373	0.866267	2
982	1.9808	0.0191981	2
983	1.12636	0.873642	2
984	1.97348	0.0265227	2
985	1.09738	0.902618	2
986	1.0428	0.957202	2
987	1.11086	0.889139	2
988	1.10367	0.896334	2
989	1.17524	0.824765	2
990	1.04543	0.954572	2
991	1.0818	0.918204	2
992	1.08057	0.919433	2
993	1.10817	0.891833	2
994	1.9813	0.0187008	2
995	1.14816	0.851837	2
996	1.05084	0.949161	2
997	1.98473	0.0152741	2
998	1.09239	0.907613	2
999	1.2099	0.790103	2
1000	1.11453	0.885468	2

Measurement: period			
step	(I <sup>1</sup> -I <sup>2</sup> )	2,19344022	
1	0.894727	2,18994	
2	0.857564	2,1981	
3	0.90344	2,193545	
4	0.779278	0.001500611471	
5	0.891211		
6	0.961284		
7	0.949598		
8	0.850129		

9	0.895969
10	0.880249
11	0.932714
12	0.943224
13	0.955566
14	0.861909
15	0.863989
16	0.857521
17	0.932967
18	0.906237
19	0.819998
20	0.76166
21	1.72E-06
22	0.91166
23	0.828889
24	0.822494
25	0.861395
26	0.92484
27	1.73E-06
28	0.867282
29	0.866641
30	0.949974
31	0.919862
32	0.965514
33	0.87597
34	0.865701
35	0.911375
36	0.839969
37	1.77E-06
38	0.888871
39	0.880868
40	0.892736
41	0.951977
42	0.849369
43	0.91094
44	0.856239
45	0.870506
46	0.962131
47	0.956571
48	0.856668
49	0.904863
50	0.899925
51	0.877283
52	0.869578
53	0.809371
54	0.904723
55	0.896682
56	0.900114
57	0.80087
58	0.886512
59	0.787245
60	0.864989
61	0.890976
62	0.929456
63	0.842206
64	0.842736
65	0.890101
66	0.87234
67	0.808512
68	0.820434
69	0.941788
70	0.904832
71	0.84093
72	0.918651
73	0.956673
74	0.8875
75	0.832741
76	0.883132
77	0.944947
78	0.874336
79	0.890382
80	0.798124
81	0.8345
82	1.71E-06
83	0.864899
84	0.928564
85	0.875652
86	0.870464

87	0.883329
88	0.933072
89	0.868299
90	0.863597
91	0.871763
92	0.934073
93	0.966622
94	0.897924
95	0.873914
96	0.881359
97	0.860345
98	0.858488
99	0.965752
100	0.847531
101	0.813931
102	0.907166
103	1.80E-06
104	0.952474
105	0.833763
106	0.900748
107	0.907929
108	0.902838
109	0.858421
110	1.74E-06
111	0.927918
112	1.76E-06
113	0.881654
114	0.928889
115	0.84672
116	0.787972
117	0.839307
118	0.928604
119	0.835333
120	0.914757
121	0.876683
122	0.872746
123	0.847674
124	0.908737
125	0.936943
126	0.918406
127	0.855392
128	0.849198
129	0.849077
130	0.858963
131	0.885732
132	0.6966
133	0.944029
134	0.913558
135	1.75E-06
136	0.915525
137	0.866843
138	0.930194
139	0.900041
140	0.91136
141	0.899314
142	0.952101
143	0.9408
144	0.890883
145	0.925608
146	0.889246
147	0.942581
148	0.901192
149	0.962134
150	1.67E-06
151	0.833067
152	0.76268
153	0.939659
154	0.893769
155	0.923448
156	0.93321
157	1.76E-06
158	0.91314
159	0.861998
160	0.926878
161	0.798575
162	0.870981
163	0.798774
164	0.807444

165	0.91851
166	0.893713
167	0.879204
168	0.845206
169	0.951574
170	0.959268
171	0.851932
172	0.923007
173	0.915429
174	0.91745
175	0.879444
176	0.837175
177	1.73E-06
178	0.879376
179	0.92276
180	0.957034
181	0.963861
182	0.782391
183	0.870582
184	0.900315
185	0.776559
186	0.939356
187	0.876611
188	0.904185
189	0.879526
190	0.929895
191	0.926681
192	0.893174
193	0.920168
194	0.95087
195	0.826027
196	0.85999
197	0.916912
198	0.816849
199	1.77E-06
200	0.958818
201	0.85696
202	0.866886
203	0.893439
204	0.904867
205	0.793802
206	0.888638
207	0.907007
208	0.866017
209	0.843002
210	0.968872
211	0.933223
212	0.903572
213	0.783621
214	0.844825
215	0.878765
216	0.921943
217	1.61E-06
218	0.963155
219	0.930547
220	0.821146
221	0.91004
222	0.886316
223	0.909794
224	0.870128
225	0.906023
226	0.9402
227	0.951403
228	0.919308
229	0.886277
230	0.967092
231	0.871321
232	0.925697
233	0.937471
234	0.945442
235	0.850463
236	0.914292
237	0.932058
238	0.894645
239	0.866208
240	0.868231
241	0.921732
242	0.820526

243	0.828568
244	1.81E-06
245	0.84199
246	0.909622
247	0.91434
248	0.852574
249	0.922966
250	1.63E-06
251	0.893453
252	0.870872
253	0.901288
254	0.899644
255	0.859496
256	0.952092
257	0.83265
258	0.891906
259	0.912243
260	0.929304
261	0.89065
262	0.916401
263	0.92291
264	0.951173
265	0.886553
266	1.79E-06
267	0.868039
268	0.89318
269	0.834287
270	1.73E-06
271	0.905481
272	0.802544
273	0.930898
274	0.837645
275	0.924342
276	0.945805
277	0.865425
278	0.877353
279	0.918801
280	0.929001
281	0.880655
282	0.91338
283	0.927046
284	0.845873
285	0.890736
286	0.913609
287	0.761772
288	0.865978
289	0.894453
290	0.846396
291	0.907477
292	0.873258
293	0.848361
294	0.907422
295	0.944228
296	0.846581
297	0.953703
298	0.802226
299	0.911632
300	0.924914
301	1.64E-06
302	0.859747
303	1.72E-06
304	0.927724
305	0.904753
306	0.866691
307	0.864583
308	0.951972
309	1.76E-06
310	0.811964
311	0.918612
312	0.915442
313	0.864541
314	0.967619
315	1.75E-06
316	0.943775
317	0.892889
318	0.877755
319	0.914804
320	0.854616

321	0.838215
322	1.75E-06
323	0.829553
324	1.76E-06
325	0.839055
326	1.75E-06
327	0.870282
328	0.899515
329	0.878177
330	0.85304
331	0.835127
332	0.939047
333	0.791273
334	0.431077
335	0.929656
336	0.908785
337	0.828241
338	0.861169
339	0.862005
340	0.85475
341	1.72E-06
342	0.93467
343	0.915689
344	0.944921
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179	1.08371	-0.1
180	1.04489	-0.1
181	1.03749	-0.1
182	1.27813	-0.1
183	1.14866	-0.1
184	1.11072	-0.1
185	1.28773	-0.1
186	1.06456	-0.1

187	1.14076	-0.1
188	1.10597	-0.1
189	1.13698	-0.1
190	1.07539	-0.1
191	1.07912	-0.1
192	1.1196	-0.1
193	1.08676	-0.1
194	1.05167	-0.1
195	1.21061	-0.1
196	1.1628	-0.1
197	1.09062	-0.1
198	1.22422	-0.1
200	1.04295	-0.1
201	1.16692	-0.1
202	1.15355	-0.1
203	1.11927	-0.1
204	1.10513	-0.1
205	1.27583	-0.1
206	1.12532	-0.1
207	1.10253	-0.1
208	1.15471	-0.1
209	1.18624	-0.1
210	1.03213	-0.1
211	1.07156	-0.1
212	1.10672	-0.1
213	1.27613	-0.1
214	1.18368	-0.1
215	1.13796	-0.1
216	1.08467	-0.1
218	1.03825	-0.1
219	1.07464	-0.1
220	1.21781	-0.1
221	1.09885	-0.1
222	1.12827	-0.1
223	1.09915	-0.1
224	1.14926	-0.1
225	1.10373	-0.1
226	1.0636	-0.1
227	1.05108	-0.1
228	1.08777	-0.1
229	1.12832	-0.1
230	1.03403	-0.1
231	1.14768	-0.1
232	1.08027	-0.1
233	1.0667	-0.1
234	1.05771	-0.1
235	1.17583	-0.1
236	1.09374	-0.1
237	1.07289	-0.1
238	1.11776	-0.1
239	1.15446	-0.1
240	1.15177	-0.1
241	1.08491	-0.1
242	1.21873	-0.1
243	1.2069	-0.1
245	1.18766	-0.1
246	1.09936	-0.1
247	1.09368	-0.1
248	1.17292	-0.1
249	1.08346	-0.1
251	1.11925	-0.1
252	1.14827	-0.1
253	1.10952	-0.1
254	1.11155	-0.1
255	1.16347	-0.1
256	1.05032	-0.1
257	1.20098	-0.1
258	1.12119	-0.1
259	1.0962	-0.1
260	1.07607	-0.1
261	1.12278	-0.1
262	1.09123	-0.1
263	1.08353	-0.1
264	1.05133	-0.1
265	1.12796	-0.1
267	1.15202	-0.1
268	1.11959	-0.1
269	1.19863	-0.1

271	1.10439	-0.1
272	1.24604	-0.1
273	1.07423	-0.1
274	1.19382	-0.1
275	1.08185	-0.1
276	1.0573	-0.1
277	1.1555	-0.1
278	1.13979	-0.1
279	1.08838	-0.1
280	1.07643	-0.1
281	1.13552	-0.1
282	1.09483	-0.1
283	1.0767	-0.1
284	1.18221	-0.1
285	1.12267	-0.1
286	1.09456	-0.1
287	1.31273	-0.1
288	1.15476	-0.1
289	1.118	-0.1
290	1.18148	-0.1
291	1.10196	-0.1
292	1.14514	-0.1
293	1.17874	-0.1
294	1.10202	-0.1
295	1.05907	-0.1
296	1.18122	-0.1
297	1.04854	-0.1
298	1.24653	-0.1
299	1.09693	-0.1
300	1.08118	-0.1
302	1.16313	-0.1
304	1.07791	-0.1
305	1.10527	-0.1
306	1.15381	-0.1
307	1.15663	-0.1
308	1.05045	-0.1
310	1.23158	-0.1
311	1.0886	-0.1
312	1.09237	-0.1
313	1.15668	-0.1
314	1.03346	-0.1
316	1.05957	-0.1
317	1.11996	-0.1
318	1.13927	-0.1
319	1.09313	-0.1
320	1.17012	-0.1
321	1.19301	-0.1
323	1.20547	-0.1
325	1.19182	-0.1
327	1.14905	-0.1
328	1.11171	-0.1
329	1.13872	-0.1
330	1.17228	-0.1
331	1.19742	-0.1
332	1.06491	-0.1
333	1.26379	-0.1
335	1.07567	-0.1
336	1.10037	-0.1
337	1.20738	-0.1
338	1.16121	-0.1
339	1.16009	-0.1
340	1.16993	-0.1
342	1.0699	-0.1
343	1.09207	-0.1
344	1.05829	-0.1
345	1.22627	-0.1
346	1.13527	-0.1
347	1.05738	-0.1
348	1.04672	-0.1
349	1.10547	-0.1
350	1.1459	-0.1
351	1.16679	-0.1
356	1.08095	-0.1
357	1.04068	-0.1
358	1.11701	-0.1
359	1.08423	-0.1
360	1.08705	-0.1
361	1.10228	-0.1

362	1.09873	-0.1
363	1.10583	-0.1
364	1.23648	-0.1
366	1.21536	-0.1
367	1.2131	-0.1
368	1.09917	-0.1
369	1.08442	-0.1
370	1.11124	-0.1
371	1.09023	-0.1
372	1.18669	-0.1
373	1.11636	-0.1
374	1.12261	-0.1
375	1.11993	-0.1
376	1.18465	-0.1
377	1.05663	-0.1
378	1.20244	-0.1
379	1.1348	-0.1
380	1.05035	-0.1
381	1.21058	-0.1
382	1.16114	-0.1
383	1.12034	-0.1
384	1.13745	-0.1
385	1.10899	-0.1
386	1.20713	-0.1
387	1.18068	-0.1
388	1.11141	-0.1
389	1.10415	-0.1
390	1.08192	-0.1
392	1.23599	-0.1
393	1.2019	-0.1
395	1.12172	-0.1
396	1.11113	-0.1
398	1.06858	-0.1
399	1.31107	-0.1
400	1.18018	-0.1
402	1.10861	-0.1
405	1.13531	-0.1
406	1.09145	-0.1
407	1.12287	-0.1
408	1.21751	-0.1
409	1.10037	-0.1
410	1.14966	-0.1
411	1.0705	-0.1
412	1.19576	-0.1
413	1.03735	-0.1
414	1.06825	-0.1
415	1.31441	-0.1
416	1.08495	-0.1
417	1.11229	-0.1
418	1.11666	-0.1
419	1.04658	-0.1
420	1.07087	-0.1
421	1.03442	-0.1
424	1.16986	-0.1
425	1.19779	-0.1
426	1.04813	-0.1
427	1.04774	-0.1
428	1.16157	-0.1
429	1.15501	-0.1
430	1.1386	-0.1
431	1.09298	-0.1
432	1.27491	-0.1
433	1.18999	-0.1
434	1.16116	-0.1
435	1.27906	-0.1
436	1.07235	-0.1
437	1.1022	-0.1
438	1.07704	-0.1
439	1.07357	-0.1
440	1.26164	-0.1
441	1.19855	-0.1
442	1.11909	-0.1
443	1.18151	-0.1
444	1.17022	-0.1
445	1.1275	-0.1
446	1.19599	-0.1
447	1.12052	-0.1
448	1.2601	-0.1

449	1.21496	-0.1
450	1.13563	-0.1
451	1.11855	-0.1
452	1.08629	-0.1
453	1.20012	-0.1
454	1.12652	-0.1
455	1.13403	-0.1
456	1.07941	-0.1
457	1.14348	-0.1
458	1.15135	-0.1
459	1.16073	-0.1
460	1.19755	-0.1
461	1.16158	-0.1
462	1.04929	-0.1
466	1.16784	-0.1
467	1.03285	-0.1
468	1.17791	-0.1
469	1.22523	-0.1
470	1.07037	-0.1
471	1.03388	-0.1
472	1.10993	-0.1
473	1.12581	-0.1
474	1.10734	-0.1
475	1.13573	-0.1
476	1.1878	-0.1
477	1.10426	-0.1
478	1.17346	-0.1
479	1.17048	-0.1
480	1.10903	-0.1
481	1.0368	-0.1
482	1.08974	-0.1
483	1.1184	-0.1
484	1.13969	-0.1
485	1.14005	-0.1
486	1.10227	-0.1
488	1.10446	-0.1
489	1.10668	-0.1
490	1.06795	-0.1
491	1.07479	-0.1
492	1.05672	-0.1
493	1.12732	-0.1
494	1.08641	-0.1
496	1.22977	-0.1
497	1.11418	-0.1
499	1.23622	-0.1
500	1.13973	-0.1
501	1.04035	-0.1
502	1.16011	-0.1
503	1.14204	-0.1
505	1.21892	-0.1
506	1.15479	-0.1
507	1.03802	-0.1
508	1.08233	-0.1
509	1.1827	-0.1
510	1.10325	-0.1
511	1.06935	-0.1
512	1.12778	-0.1
513	1.18735	-0.1
514	1.05727	-0.1
515	1.20064	-0.1
516	1.06684	-0.1
517	1.21577	-0.1
518	1.18139	-0.1
519	1.07842	-0.1
520	1.09791	-0.1
521	1.20899	-0.1
522	1.13809	-0.1
523	1.1514	-0.1
525	1.14002	-0.1
526	1.15104	-0.1
527	1.16614	-0.1
528	1.08381	-0.1
529	1.16244	-0.1
530	1.18659	-0.1
531	1.0803	-0.1
532	1.05883	-0.1
534	1.11102	-0.1
535	1.12688	-0.1

536	1.08122	-0.1
537	1.13644	-0.1
538	1.23934	-0.1
539	1.09479	-0.1
540	1.13652	-0.1
541	1.23598	-0.1
542	1.10149	-0.1
543	1.12274	-0.1
544	1.15116	-0.1
545	1.14867	-0.1
546	1.12552	-0.1
547	1.18085	-0.1
550	1.05762	-0.1
551	1.2724	-0.1
552	1.0506	-0.1
553	1.17977	-0.1
554	1.13635	-0.1
555	1.12742	-0.1
556	1.13222	-0.1
557	1.1188	-0.1
558	1.09732	-0.1
559	1.0819	-0.1
560	1.19191	-0.1
562	1.1977	-0.1
563	1.12657	-0.1
564	1.15718	-0.1
565	1.07087	-0.1
566	1.06193	-0.1
567	1.17525	-0.1
568	1.12656	-0.1
569	1.15533	-0.1
570	1.30268	-0.1
571	1.10487	-0.1
572	1.1621	-0.1
573	1.10368	-0.1
574	1.04604	-0.1
575	1.20662	-0.1
578	1.13862	-0.1
579	1.21351	-0.1
580	1.16641	-0.1
581	1.18361	-0.1
582	1.09641	-0.1
583	1.21348	-0.1
584	1.0635	-0.1
585	1.20735	-0.1
586	1.06246	-0.1
587	1.11166	-0.1
588	1.11328	-0.1
589	1.14541	-0.1
590	1.22622	-0.1
591	1.05966	-0.1
592	1.14871	-0.1
593	1.13934	-0.1
594	1.03731	-0.1
595	1.0743	-0.1
596	1.0373	-0.1
597	1.06918	-0.1
598	1.09533	-0.1
599	1.19678	-0.1
600	1.06715	-0.1
601	1.1443	-0.1
602	1.19673	-0.1
603	1.19762	-0.1
604	1.11632	-0.1
605	1.09155	-0.1
606	1.16386	-0.1
607	1.20265	-0.1
608	1.07213	-0.1
610	1.1854	-0.1
611	1.10125	-0.1
612	1.16439	-0.1
613	1.07546	-0.1
614	1.14065	-0.1
615	1.14832	-0.1
616	1.04225	-0.1
617	1.12913	-0.1
618	1.04333	-0.1
619	1.05891	-0.1

620	1.06217	-0.1
621	1.05808	-0.1
622	1.14078	-0.1
623	1.09568	-0.1
624	1.05681	-0.1
625	1.03651	-0.1
626	1.09829	-0.1
627	1.08104	-0.1
628	1.14935	-0.1
629	1.185	-0.1
630	1.07939	-0.1
631	1.13868	-0.1
632	1.05168	-0.1
633	1.10427	-0.1
634	1.11133	-0.1
636	1.14596	-0.1
637	1.11345	-0.1
639	1.1851	-0.1
640	1.13855	-0.1
642	1.21968	-0.1
643	1.18473	-0.1
644	1.12707	-0.1
645	1.14601	-0.1
646	1.24605	-0.1
647	1.24471	-0.1
648	1.09664	-0.1
649	1.21924	-0.1
650	1.07012	-0.1
651	1.04126	-0.1
652	1.19863	-0.1
653	1.21031	-0.1
654	1.14335	-0.1
655	1.08972	-0.1
656	1.23021	-0.1
657	1.16946	-0.1
658	1.13719	-0.1
659	1.12754	-0.1
660	1.23435	-0.1
661	1.17535	-0.1
662	1.1461	-0.1
663	1.11693	-0.1
664	1.03594	-0.1
665	1.12384	-0.1
666	1.13001	-0.1
667	1.11577	-0.1
668	1.15968	-0.1
669	1.05821	-0.1
670	1.22588	-0.1
671	1.12756	-0.1
672	1.16742	-0.1
673	1.07575	-0.1
674	1.06931	-0.1
675	1.19124	-0.1
676	1.04761	-0.1
677	1.05587	-0.1
678	1.20401	-0.1
679	1.07783	-0.1
680	1.08345	-0.1
681	1.14095	-0.1
682	1.14983	-0.1
683	1.2392	-0.1
685	1.11872	-0.1
686	1.0494	-0.1
688	1.06797	-0.1
689	1.11284	-0.1
690	1.09907	-0.1
691	1.07304	-0.1
692	1.15112	-0.1
693	1.09982	-0.1
694	1.2693	-0.1
695	1.15485	-0.1
696	1.05802	-0.1
697	1.04577	-0.1
698	1.14977	-0.1
699	1.03869	-0.1
700	1.17576	-0.1
701	1.10782	-0.1
702	1.21526	-0.1

703	1.21318	-0.1
704	1.21266	-0.1
705	1.14117	-0.1
706	1.23989	-0.1
707	1.06127	-0.1
708	1.05924	-0.1
709	1.07813	-0.1
711	1.04126	-0.1
713	1.21899	-0.1
714	1.21326	-0.1
715	1.16059	-0.1
716	1.08654	-0.1
717	1.05041	-0.1
718	1.05201	-0.1
719	1.11942	-0.1
720	1.05588	-0.1
721	1.12265	-0.1
722	1.15215	-0.1
723	1.09923	-0.1
724	1.13844	-0.1
725	1.10466	-0.1
726	1.19641	-0.1
727	1.10887	-0.1
728	1.13832	-0.1
729	1.13906	-0.1
730	1.17513	-0.1
731	1.12184	-0.1
732	1.08774	-0.1
733	1.08219	-0.1
735	1.15281	-0.1
736	1.25234	-0.1
737	1.05387	-0.1
738	1.06337	-0.1
739	1.17558	-0.1
740	1.13793	-0.1
741	1.2122	-0.1
742	1.09106	-0.1
744	1.15953	-0.1
745	1.09413	-0.1
746	1.15468	-0.1
747	1.13858	-0.1
749	1.15686	-0.1
751	1.23057	-0.1
754	1.13993	-0.1
755	1.03938	-0.1
756	1.04499	-0.1
757	1.17683	-0.1
758	1.10217	-0.1
759	1.06195	-0.1
760	1.08981	-0.1
761	1.03579	-0.1
762	1.16006	-0.1
763	1.19122	-0.1
764	1.14797	-0.1
765	1.14443	-0.1
766	1.16338	-0.1
768	1.14682	-0.1
769	1.28598	-0.1
770	1.15854	-0.1
771	1.34929	-0.1
772	1.13163	-0.1
773	1.14107	-0.1
774	1.19781	-0.1
775	1.20849	-0.1
776	1.09481	-0.1
777	1.1415	-0.1
778	1.05995	-0.1
779	1.04904	-0.1
780	1.2469	-0.1
781	1.11713	-0.1
782	1.11993	-0.1
783	1.15002	-0.1
784	1.20199	-0.1
786	1.2119	-0.1
787	1.27693	-0.1
788	1.12495	-0.1
789	1.0661	-0.1
790	1.1248	-0.1

791	1.07142	-0.1
792	1.19579	-0.1
793	1.11337	-0.1
794	1.08506	-0.1
796	1.20611	-0.1
798	1.13177	-0.1
799	1.25572	-0.1
800	1.14112	-0.1
801	1.18366	-0.1
802	1.10846	-0.1
803	1.08984	-0.1
804	1.12972	-0.1
805	1.1333	-0.1
806	1.09227	-0.1
807	1.11145	-0.1
808	1.11492	-0.1
809	1.08899	-0.1
810	1.12335	-0.1
811	1.23391	-0.1
812	1.07222	-0.1
814	1.07414	-0.1
815	1.16954	-0.1
816	1.09019	-0.1
817	1.17162	-0.1
819	1.07336	-0.1
820	1.0932	-0.1
822	1.03236	-0.1
823	1.19514	-0.1
824	1.09414	-0.1
825	1.0682	-0.1
826	1.27715	-0.1
827	1.06633	-0.1
828	1.2047	-0.1
829	1.12053	-0.1
830	1.04909	-0.1
831	1.25699	-0.1
832	1.05535	-0.1
833	1.04772	-0.1
834	1.20214	-0.1
835	1.07691	-0.1
836	1.16868	-0.1
838	1.07675	-0.1
839	1.096	-0.1
840	1.05848	-0.1
841	1.11566	-0.1
842	1.09391	-0.1
844	1.16637	-0.1
845	1.14203	-0.1
846	1.11771	-0.1
847	1.25006	-0.1
848	1.04372	-0.1
849	1.11928	-0.1
850	1.10078	-0.1
851	1.14921	-0.1
852	1.19464	-0.1
853	1.06704	-0.1
854	1.0544	-0.1
855	1.10864	-0.1
856	1.14156	-0.1
857	1.18577	-0.1
858	1.07274	-0.1
859	1.08987	-0.1
861	1.16826	-0.1
863	1.13184	-0.1
864	1.23901	-0.1
865	1.08796	-0.1
866	1.04872	-0.1
867	1.1664	-0.1
868	1.10645	-0.1
869	1.15708	-0.1
870	1.12526	-0.1
871	1.08798	-0.1
872	1.14599	-0.1
873	1.08109	-0.1
874	1.16076	-0.1
875	1.12844	-0.1
876	1.09705	-0.1
877	1.21252	-0.1

878	1.14895	-0.1
879	1.08453	-0.1
880	1.18632	-0.1
881	1.09088	-0.1
882	1.23437	-0.1
884	1.09443	-0.1
885	1.14509	-0.1
886	1.05043	-0.1
887	1.2381	-0.1
888	1.17829	-0.1
889	1.1265	-0.1
890	1.24454	-0.1
891	1.22411	-0.1
892	1.14619	-0.1
893	1.04778	-0.1
894	1.1626	-0.1
895	1.18142	-0.1
896	1.06864	-0.1
897	1.10268	-0.1
898	1.2233	-0.1
899	1.18526	-0.1
900	1.05437	-0.1
901	1.1846	-0.1
902	1.07977	-0.1
903	1.08958	-0.1
904	1.1734	-0.1
905	1.07391	-0.1
906	1.1819	-0.1
908	1.24081	-0.1
909	1.07666	-0.1
910	1.16886	-0.1
911	1.1644	-0.1
912	1.06199	-0.1
913	1.18464	-0.1
914	1.11591	-0.1
915	1.05568	-0.1
916	1.10478	-0.1
917	1.03249	-0.1
918	1.22639	-0.1
919	1.13704	-0.1
920	1.08896	-0.1
921	1.11579	-0.1
922	1.27152	-0.1
923	1.12653	-0.1
924	1.12466	-0.1
925	1.16113	-0.1
927	1.14257	-0.1
928	1.09248	-0.1
929	1.03496	-0.1
930	1.04632	-0.1
931	1.13655	-0.1
932	1.12025	-0.1
933	1.10572	-0.1
934	1.03949	-0.1
935	1.08091	-0.1
936	1.044	-0.1
937	1.16286	-0.1
938	1.13063	-0.1
939	1.1612	-0.1
940	1.1258	-0.1
941	1.16727	-0.1
942	1.06197	-0.1
943	1.11323	-0.1
944	1.09663	-0.1
945	1.14203	-0.1
946	1.13774	-0.1
947	1.15878	-0.1
948	1.04147	-0.1
949	1.05494	-0.1
950	1.10531	-0.1
951	1.15239	-0.1
952	1.225	-0.1
953	1.06898	-0.1
955	1.24938	-0.1
956	1.10859	-0.1
958	1.15709	-0.1
959	1.05843	-0.1
960	1.05623	-0.1

961	1.13719	-0.1
962	1.12258	-0.1
963	1.13764	-0.1
965	1.06089	-0.1
966	1.1045	-0.1
967	1.12195	-0.1
969	1.12349	-0.1
970	1.2926	-0.1
971	1.11056	-0.1
972	1.10183	-0.1
973	1.14795	-0.1
974	1.25316	-0.1
975	1.14529	-0.1
976	1.06668	-0.1
977	1.04854	-0.1
978	1.10076	-0.1
979	1.10383	-0.1
980	1.08916	-0.1
981	1.15438	-0.1
983	1.14463	-0.1
985	1.10789	-0.1
986	1.04471	-0.1
987	1.12472	-0.1
988	1.11566	-0.1
989	1.21247	-0.1
990	1.04759	-0.1
991	1.08909	-0.1
992	1.08763	-0.1
993	1.12132	-0.1
995	1.17393	-0.1
996	1.05356	-0.1
998	1.10179	-0.1
999	1.26566	-0.1
1000	1.12935	-0.1
Measurement: vmax		
step	MAX(v(n004))	FROM TO
1	7.81270000000	0 2
2	7.81254000000	0 2
3	7.81100000000	0 2
4	7.81268000000	0 2
5	7.81317000000	0 2
6	7.81269000000	0 2
7	7.81305000000	0 2
8	7.81236000000	0 2
9	7.81270000000	0 2
10	7.81270000000	0 2
11	7.81163000000	0 2
12	7.81260000000	0 2
13	7.81028000000	0 2
14	7.81253000000	0 2
15	7.81222000000	0 2
16	7.81239000000	0 2
17	7.80975000000	0 2
18	7.81289000000	0 2
19	7.81081000000	0 2
20	7.81271000000	0 2
21	7.81265000000	0 2
22	7.81240000000	0 2
23	7.81068000000	0 2
24	7.81265000000	0 2
25	7.81271000000	0 2
26	7.81292000000	0 2
27	7.81272000000	0 2
28	7.81212000000	0 2
29	7.81188000000	0 2
30	7.80829000000	0 2
31	7.81317000000	0 2
32	7.81097000000	0 2
33	7.81268000000	0 2
34	7.81175000000	0 2
35	7.80876000000	0 2
36	7.81271000000	0 2
37	7.81242000000	0 2
38	7.81136000000	0 2
39	7.81264000000	0 2
40	7.81277000000	0 2
41	7.81091000000	0 2

42	7.811040000000	0	2
43	7.808750000000	0	2
44	7.812660000000	0	2
45	7.812670000000	0	2
46	7.811140000000	0	2
47	7.812720000000	0	2
48	7.810800000000	0	2
49	7.808150000000	0	2
50	7.811470000000	0	2
51	7.813020000000	0	2
52	7.813050000000	0	2
53	7.812440000000	0	2
54	7.812620000000	0	2
55	7.808750000000	0	2
56	7.810350000000	0	2
57	7.810380000000	0	2
58	7.810750000000	0	2
59	7.804990000000	0	2
60	7.812810000000	0	2
61	7.810580000000	0	2
62	7.812510000000	0	2
63	7.808290000000	0	2
64	7.806730000000	0	2
65	7.812670000000	0	2
66	7.812650000000	0	2
67	7.810820000000	0	2
68	7.812440000000	0	2
69	7.812650000000	0	2
70	7.810800000000	0	2
71	7.812880000000	0	2
72	7.806120000000	0	2
73	7.808940000000	0	2
74	7.812220000000	0	2
75	7.812550000000	0	2
76	7.809500000000	0	2
77	7.807850000000	0	2
78	7.812520000000	0	2
79	7.812460000000	0	2
80	7.812650000000	0	2
81	7.810720000000	0	2
82	7.812670000000	0	2
83	7.812730000000	0	2
84	7.811520000000	0	2
85	7.810820000000	0	2
86	7.804650000000	0	2
87	7.803670000000	0	2
88	7.812980000000	0	2
89	7.809580000000	0	2
90	7.812850000000	0	2
91	7.812580000000	0	2
92	7.812490000000	0	2
93	7.810550000000	0	2
94	7.811040000000	0	2
95	7.813010000000	0	2
96	7.812820000000	0	2
97	7.812560000000	0	2
98	7.812470000000	0	2
99	7.811460000000	0	2
100	7.810660000000	0	2
101	7.812620000000	0	2
102	7.812070000000	0	2
103	7.812720000000	0	2
104	7.812680000000	0	2
105	7.811160000000	0	2
106	7.811980000000	0	2
107	7.812810000000	0	2
108	7.812730000000	0	2
109	7.805460000000	0	2
110	7.812700000000	0	2
111	7.812330000000	0	2
112	7.812510000000	0	2
113	7.812080000000	0	2
114	7.812700000000	0	2
115	7.812340000000	0	2
116	7.807670000000	0	2
117	7.808740000000	0	2
118	7.808890000000	0	2
119	7.812770000000	0	2

120	7.812710000000	0	2
121	7.812690000000	0	2
122	7.812910000000	0	2
123	7.812700000000	0	2
124	7.812480000000	0	2
125	7.805450000000	0	2
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135	7.812670000000	0	2
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151	7.810780000000	0	2
152	7.812420000000	0	2
153	7.812830000000	0	2
154	7.812460000000	0	2
155	7.806630000000	0	2
156	7.812670000000	0	2
157	7.812860000000	0	2
158	7.812280000000	0	2
159	7.810550000000	0	2
160	7.812640000000	0	2
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165	7.806410000000	0	2
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167	7.798750000000	0	2
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171	7.812220000000	0	2
172	7.812810000000	0	2
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179	7.812100000000	0	2
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195	7.812860000000	0	2
196	7.812440000000	0	2
197	7.813050000000	0	2

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199	7.812630000000	0	2
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201	7.811860000000	0	2
202	7.812720000000	0	2
203	7.808140000000	0	2
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415	7.812650000000	0	2
416	7.811900000000	0	2
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418	7.812900000000	0	2
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454	7.810760000000	0	2
455	7.810960000000	0	2
456	7.810390000000	0	2
457	7.812560000000	0	2
458	7.812280000000	0	2
459	7.812190000000	0	2
460	7.811760000000	0	2
461	7.812300000000	0	2
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467	7.811920000000	0	2
468	7.802860000000	0	2
469	7.813120000000	0	2
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471	7.812040000000	0	2
472	7.812100000000	0	2
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475	7.812390000000	0	2
476	7.813220000000	0	2
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499	7.812640000000	0	2
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998	7.812720000000	0	2
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Measurement: vmin			
step	MIN(r(004))	FROM	TO
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3	2.19314	0	2
4	2.19311	0	2
5	2.19117	0	2
6	2.19247	0	2
7	2.19423	0	2
8	2.19248	0	2
9	2.19405	0	2
10	2.19434	0	2
11	2.19305	0	2
12	2.19568	0	2
13	2.19352	0	2
14	2.19424	0	2
15	2.19418	0	2
16	2.19542	0	2
17	2.19302	0	2
18	2.19554	0	2
19	2.1941	0	2
20	2.19332	0	2
21	2.19485	0	2
22	2.19441	0	2
23	2.19315	0	2
24	2.19284	0	2
25	2.19183	0	2
26	2.19204	0	2
27	2.191	0	2
28	2.19317	0	2
29	2.19436	0	2
30	2.19206	0	2
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32	2.19401	0	2
33	2.19144	0	2
34	2.19555	0	2
35	2.19143	0	2
36	2.19354	0	2
37	2.19722	0	2
38	2.1918	0	2
39	2.19136	0	2
40	2.19657	0	2
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44	2.19204	0	2
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79	2.19498	0	2
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81	2.19161	0	2
82	2.19541	0	2
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805	2.19478	0	2
806	2.19153	0	2
807	2.19301	0	2
808	2.19224	0	2
809	2.19265	0	2
810	2.19309	0	2
811	2.19385	0	2
812	2.19564	0	2
813	2.19395	0	2
814	2.19547	0	2
815	2.19293	0	2
816	2.19252	0	2
817	2.1927	0	2
818	2.19161	0	2
819	2.19458	0	2
820	2.19618	0	2
821	2.19309	0	2
822	2.19306	0	2
823	2.19413	0	2
824	2.194	0	2
825	2.19444	0	2
826	2.19215	0	2
827	2.1953	0	2
828	2.19622	0	2
829	2.19303	0	2
830	2.19509	0	2
831	2.19313	0	2
832	2.19432	0	2

833	2.19151	0	2
834	2.19262	0	2
835	2.19429	0	2
836	2.19317	0	2
837	2.19192	0	2
838	2.19479	0	2
839	2.19082	0	2
840	2.19427	0	2
841	2.19323	0	2
842	2.19329	0	2
843	2.19315	0	2
844	2.19419	0	2
845	2.19111	0	2
846	2.19747	0	2
847	2.19061	0	2
848	2.19264	0	2
849	2.19504	0	2
850	2.19594	0	2
851	2.19414	0	2
852	2.19416	0	2
853	2.1947	0	2
854	2.19425	0	2
855	2.19564	0	2
856	2.19479	0	2
857	2.193	0	2
858	2.19442	0	2
859	2.1922	0	2
860	2.19443	0	2
861	2.19141	0	2
862	2.1919	0	2
863	2.19389	0	2
864	2.19412	0	2
865	2.19136	0	2
866	2.19102	0	2
867	2.19152	0	2
868	2.19327	0	2
869	2.19077	0	2
870	2.19436	0	2
871	2.19201	0	2
872	2.19324	0	2
873	2.19157	0	2
874	2.19327	0	2
875	2.18994	0	2
876	2.19432	0	2
877	2.19558	0	2
878	2.19626	0	2
879	2.19355	0	2
880	2.19317	0	2
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882	2.19164	0	2
883	2.19201	0	2
884	2.19403	0	2
885	2.19432	0	2
886	2.19309	0	2
887	2.19312	0	2
888	2.19506	0	2
889	2.19176	0	2
890	2.19795	0	2
891	2.19233	0	2
892	2.19429	0	2
893	2.19398	0	2
894	2.19456	0	2
895	2.19419	0	2
896	2.19314	0	2
897	2.19231	0	2
898	2.19075	0	2
899	2.19378	0	2
900	2.1941	0	2
901	2.1916	0	2
902	2.19363	0	2
903	2.19531	0	2
904	2.19275	0	2
905	2.19601	0	2
906	2.19284	0	2
907	2.19425	0	2
908	2.19394	0	2
909	2.19085	0	2
910	2.19409	0	2

911	2.19064	0	2
912	2.19353	0	2
913	2.19202	0	2
914	2.1929	0	2
915	2.19325	0	2
916	2.19262	0	2
917	2.19312	0	2
918	2.19311	0	2
919	2.19276	0	2
920	2.19351	0	2
921	2.19316	0	2
922	2.19169	0	2
923	2.19113	0	2
924	2.19435	0	2
925	2.19493	0	2
926	2.19518	0	2
927	2.19441	0	2
928	2.19261	0	2
929	2.19573	0	2
930	2.19127	0	2
931	2.19415	0	2
932	2.19407	0	2
933	2.19442	0	2
934	2.19281	0	2
935	2.193	0	2
936	2.19421	0	2
937	2.19408	0	2
938	2.19286	0	2
939	2.19088	0	2
940	2.19262	0	2
941	2.19203	0	2
942	2.19439	0	2
943	2.19431	0	2
944	2.19222	0	2
945	2.19459	0	2
946	2.19638	0	2
947	2.19416	0	2
948	2.19152	0	2
949	2.19265	0	2
950	2.19079	0	2
951	2.19235	0	2
952	2.19242	0	2
953	2.19437	0	2
954	2.19317	0	2
955	2.19663	0	2
956	2.19232	0	2
957	2.19186	0	2
958	2.19409	0	2
959	2.19564	0	2
960	2.19236	0	2
961	2.19518	0	2
962	2.19407	0	2
963	2.19329	0	2
964	2.1939	0	2
965	2.1953	0	2
966	2.19228	0	2
967	2.19323	0	2
968	2.19432	0	2
969	2.19416	0	2
970	2.19351	0	2
971	2.19405	0	2
972	2.19433	0	2
973	2.19415	0	2
974	2.19536	0	2
975	2.1932	0	2
976	2.19149	0	2
977	2.19109	0	2
978	2.19365	0	2
979	2.19309	0	2
980	2.19222	0	2
981	2.19287	0	2
982	2.19445	0	2
983	2.1915	0	2
984	2.19144	0	2
985	2.19613	0	2
986	2.19441	0	2
987	2.19264	0	2
988	2.19407	0	2

989	2.19434	0	2
990	2.19581	0	2
991	2.19602	0	2
992	2.19321	0	2
993	2.1906	0	2
994	2.19111	0	2
995	2.1943	0	2
996	2.19106	0	2
997	2.19407	0	2
998	2.19424	0	2
999	2.19403	0	2
1000	2.19416	0	2
Measurement: vmax2			
step	MAX(v(n007))	FROM	TO
1	5.10275	0	2
2	5.09511	0	2
3	5.06588	0	2
4	5.09141	0	2
5	5.11095	0	2
6	5.06131	0	2
7	5.07235	0	2
8	5.11777	0	2
9	5.10586	0	2
10	5.11887	0	2
11	5.14068	0	2
12	5.09158	0	2
13	5.07481	0	2
14	5.08865	0	2
15	5.09242	0	2
16	5.10399	0	2
17	5.08757	0	2
18	5.09738	0	2
19	5.0916	0	2
20	5.10101	0	2
21	5.10261	0	2
22	5.07595	0	2
23	5.07786	0	2
24	5.05717	0	2
25	5.1032	0	2
26	5.08092	0	2
27	5.1128	0	2
28	5.09696	0	2
29	5.09922	0	2
30	5.09561	0	2
31	5.11214	0	2
32	5.11051	0	2
33	5.08342	0	2
34	5.10798	0	2
35	5.10524	0	2
36	5.11404	0	2
37	5.093	0	2
38	5.09607	0	2
39	5.12233	0	2
40	5.10953	0	2
41	5.09815	0	2
42	5.07315	0	2
43	5.09561	0	2
44	5.07355	0	2
45	5.08607	0	2
46	5.13524	0	2
47	5.09104	0	2
48	5.13501	0	2
49	5.1232	0	2
50	5.10869	0	2
51	5.1176	0	2
52	5.07001	0	2
53	5.07718	0	2
54	5.08396	0	2
55	5.11897	0	2
56	5.12046	0	2
57	5.07504	0	2
58	5.11096	0	2
59	5.07608	0	2
60	5.10745	0	2
61	5.09411	0	2
62	5.09248	0	2
63	5.08999	0	2

64	5.08633	0	2
65	5.10175	0	2
66	5.08238	0	2
67	5.0891	0	2
68	5.08767	0	2
69	5.07259	0	2
70	5.07208	0	2
71	5.08251	0	2
72	5.09313	0	2
73	5.13448	0	2
74	5.0819	0	2
75	5.09777	0	2
76	5.08262	0	2
77	5.05261	0	2
78	5.09815	0	2
79	5.08677	0	2
80	5.09032	0	2
81	5.13595	0	2
82	5.08765	0	2
83	5.1075	0	2
84	5.09094	0	2
85	5.08428	0	2
86	5.11735	0	2
87	5.0603	0	2
88	5.06585	0	2
89	5.13236	0	2
90	5.10268	0	2
91	5.09838	0	2
92	5.0996	0	2
93	5.09577	0	2
94	5.09458	0	2
95	5.1022	0	2
96	5.0794	0	2
97	5.1161	0	2
98	5.09169	0	2
99	5.11064	0	2
100	5.08644	0	2
101	5.08765	0	2
102	5.09944	0	2
103	5.10571	0	2
104	5.08456	0	2
105	5.09224	0	2
106	5.10948	0	2
107	5.11985	0	2
108	5.09699	0	2
109	5.0933	0	2
110	5.08931	0	2
111	5.08044	0	2
112	5.10532	0	2
113	5.11093	0	2
114	5.13114	0	2
115	5.11307	0	2
116	5.08133	0	2
117	5.1419	0	2
118	5.11013	0	2
119	5.1055	0	2
120	5.09303	0	2
121	5.08217	0	2
122	5.12873	0	2
123	5.10426	0	2
124	5.08306	0	2
125	5.11013	0	2
126	5.08998	0	2
127	5.05819	0	2
128	5.07003	0	2
129	5.09943	0	2
130	5.10076	0	2
131	5.07717	0	2
132	5.1159	0	2
133	5.08056	0	2
134	5.12417	0	2
135	5.10245	0	2
136	5.08486	0	2
137	5.09722	0	2
138	5.09831	0	2
139	5.09515	0	2
140	5.06158	0	2
141	5.14232	0	2

142	5.11394	0	2
143	5.08708	0	2
144	5.09854	0	2
145	5.09331	0	2
146	5.06573	0	2
147	5.13896	0	2
148	5.08867	0	2
149	5.11966	0	2
150	5.07328	0	2
151	5.07207	0	2
152	5.09602	0	2
153	5.0799	0	2
154	5.09851	0	2
155	5.07922	0	2
156	5.10011	0	2
157	5.09381	0	2
158	5.09511	0	2
159	5.11886	0	2
160	5.06618	0	2
161	5.06968	0	2
162	5.09648	0	2
163	5.09511	0	2
164	5.06849	0	2
165	5.0982	0	2
166	5.12121	0	2
167	5.0911	0	2
168	5.07105	0	2
169	5.13917	0	2
170	5.12228	0	2
171	5.10495	0	2
172	5.11129	0	2
173	5.09226	0	2
174	5.11019	0	2
175	5.07383	0	2
176	5.07065	0	2
177	5.13259	0	2
178	5.09419	0	2
179	5.10239	0	2
180	5.0885	0	2
181	5.09435	0	2
182	5.09441	0	2
183	5.07569	0	2
184	5.09102	0	2
185	5.09137	0	2
186	5.10279	0	2
187	5.06051	0	2
188	5.0765	0	2
189	5.11795	0	2
190	5.06217	0	2
191	5.06122	0	2
192	5.10849	0	2
193	5.05743	0	2
194	5.10428	0	2
195	5.07888	0	2
196	5.10973	0	2
197	5.09977	0	2
198	5.09997	0	2
199	5.09184	0	2
200	5.10182	0	2
201	5.11384	0	2
202	5.08604	0	2
203	5.09484	0	2
204	5.11486	0	2
205	5.08251	0	2
206	5.13942	0	2
207	5.11318	0	2
208	5.10148	0	2
209	5.08997	0	2
210	5.10581	0	2
211	5.06591	0	2
212	5.09605	0	2
213	5.09701	0	2
214	5.10032	0	2
215	5.09414	0	2
216	5.08267	0	2
217	5.08947	0	2
218	5.1089	0	2
219	5.09486	0	2

220	5.11618	0	2
221	5.0999	0	2
222	5.11601	0	2
223	5.10836	0	2
224	5.11756	0	2
225	5.09692	0	2
226	5.12489	0	2
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230	5.09705	0	2
231	5.08532	0	2
232	5.12418	0	2
233	5.11695	0	2
234	5.07554	0	2
235	5.10997	0	2
236	5.06424	0	2
237	5.06564	0	2
238	5.10013	0	2
239	5.0877	0	2
240	5.10432	0	2
241	5.07653	0	2
242	5.07053	0	2
243	5.10728	0	2
244	5.09898	0	2
245	5.07271	0	2
246	5.09311	0	2
247	5.05862	0	2
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249	5.05168	0	2
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253	5.12151	0	2
254	5.12339	0	2
255	5.09423	0	2
256	5.09977	0	2
257	5.13202	0	2
258	5.14337	0	2
259	5.09473	0	2
260	5.09695	0	2
261	5.09734	0	2
262	5.08269	0	2
263	5.10538	0	2
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265	5.10793	0	2
266	5.10762	0	2
267	5.0598	0	2
268	5.08909	0	2
269	5.09627	0	2
270	5.06816	0	2
271	5.08536	0	2
272	5.12192	0	2
273	5.1107	0	2
274	5.08659	0	2
275	5.0604	0	2
276	5.07082	0	2
277	5.11218	0	2
278	5.06006	0	2
279	5.10621	0	2
280	5.06716	0	2
281	5.11017	0	2
282	5.07488	0	2
283	5.08144	0	2
284	5.11649	0	2
285	5.06689	0	2
286	5.07823	0	2
287	5.06094	0	2
288	5.08734	0	2
289	5.11062	0	2
290	5.07841	0	2
291	5.09149	0	2
292	5.08792	0	2
293	5.08454	0	2
294	5.10499	0	2
295	5.09326	0	2
296	5.11082	0	2
297	5.09634	0	2

298	5.08237	0	2
299	5.10122	0	2
300	5.09621	0	2
301	5.08996	0	2
302	5.10251	0	2
303	5.09495	0	2
304	5.13037	0	2
305	5.07275	0	2
306	5.08582	0	2
307	5.10726	0	2
308	5.06588	0	2
309	5.1183	0	2
310	5.11304	0	2
311	5.08555	0	2
312	5.06695	0	2
313	5.05853	0	2
314	5.08009	0	2
315	5.10682	0	2
316	5.09317	0	2
317	5.07553	0	2
318	5.05495	0	2
319	5.10205	0	2
320	5.09424	0	2
321	5.13753	0	2
322	5.12321	0	2
323	5.07957	0	2
324	5.10643	0	2
325	5.08692	0	2
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335	5.1185	0	2
336	5.08688	0	2
337	5.09246	0	2
338	5.08417	0	2
339	5.09558	0	2
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341	5.10188	0	2
342	5.10568	0	2
343	5.09498	0	2
344	5.08039	0	2
345	5.09029	0	2
346	5.08178	0	2
347	5.07838	0	2
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355	5.10572	0	2
356	5.08283	0	2
357	5.08976	0	2
358	5.08538	0	2
359	5.07652	0	2
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370	5.12005	0	2
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372	5.14236	0	2
373	5.07391	0	2
374	5.11398	0	2
375	5.08969	0	2

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377	5.10767	0	2
378	5.0609	0	2
379	5.07341	0	2
380	5.10304	0	2
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382	5.11589	0	2
383	5.08139	0	2
384	5.09076	0	2
385	5.08273	0	2
386	5.0934	0	2
387	5.1258	0	2
388	5.12054	0	2
389	5.08904	0	2
390	5.09599	0	2
391	5.08278	0	2
392	5.08396	0	2
393	5.11873	0	2
394	5.11194	0	2
395	5.0875	0	2
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399	5.08694	0	2
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401	5.11579	0	2
402	5.07551	0	2
403	5.10305	0	2
404	5.09026	0	2
405	5.10735	0	2
406	5.09859	0	2
407	5.08626	0	2
408	5.11	0	2
409	5.0741	0	2
410	5.12166	0	2
411	5.07474	0	2
412	5.13819	0	2
413	5.08988	0	2
414	5.06214	0	2
415	5.09	0	2
416	5.06552	0	2
417	5.13963	0	2
418	5.06798	0	2
419	5.09924	0	2
420	5.06065	0	2
421	5.12671	0	2
422	5.11504	0	2
423	5.08689	0	2
424	5.0755	0	2
425	5.04831	0	2
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430	5.07547	0	2
431	5.10947	0	2
432	5.06208	0	2
433	5.11755	0	2
434	5.10171	0	2
435	5.08824	0	2
436	5.13688	0	2
437	5.12943	0	2
438	5.1021	0	2
439	5.10075	0	2
440	5.13601	0	2
441	5.101	0	2
442	5.05744	0	2
443	5.11798	0	2
444	5.1017	0	2
445	5.09111	0	2
446	5.13455	0	2
447	5.07186	0	2
448	5.08508	0	2
449	5.12487	0	2
450	5.10538	0	2
451	5.09097	0	2
452	5.11767	0	2
453	5.11361	0	2

454	5.09522	0	2
455	5.05994	0	2
456	5.12334	0	2
457	5.07868	0	2
458	5.12311	0	2
459	5.07707	0	2
460	5.10581	0	2
461	5.11744	0	2
462	5.06926	0	2
463	5.10719	0	2
464	5.13787	0	2
465	5.07186	0	2
466	5.08714	0	2
467	5.10287	0	2
468	5.09865	0	2
469	5.12223	0	2
470	5.09612	0	2
471	5.06381	0	2
472	5.0958	0	2
473	5.06325	0	2
474	5.08447	0	2
475	5.10302	0	2
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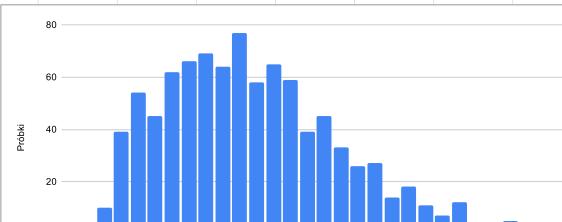
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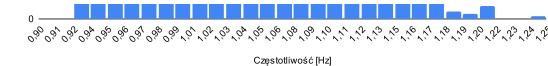
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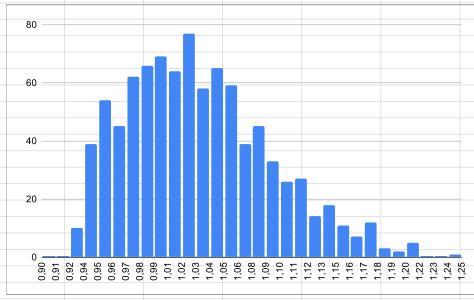


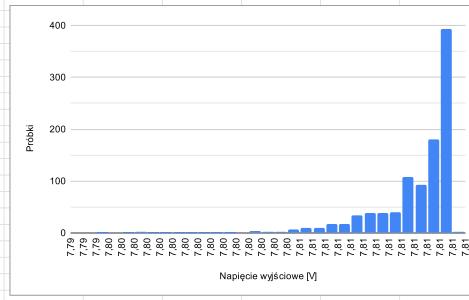


























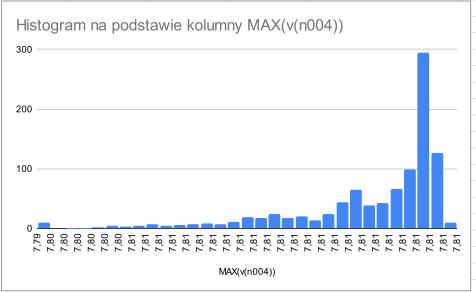


























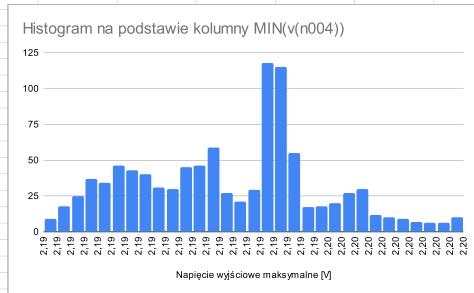


































Histogram na podstawie kolumny MAX(v(n007))

300



