

# Tabulated potential for N1-E1

N1-E1

N 600 R 0.0000001 11.9800001

1	0.0000001	0.62288E+05	0.47900E+05
2	0.0200001	0.61338E+05	0.47500E+05
3	0.0400001	0.60394E+05	0.47200E+05
4	0.0600001	0.59458E+05	0.46800E+05
5	0.0800001	0.58530E+05	0.46400E+05
6	0.1000001	0.57608E+05	0.46100E+05
7	0.1200001	0.56694E+05	0.45700E+05
8	0.1400001	0.55788E+05	0.45300E+05
9	0.1600001	0.54888E+05	0.45000E+05
10	0.1800001	0.53996E+05	0.44600E+05
11	0.2000001	0.53112E+05	0.44200E+05
12	0.2200001	0.52234E+05	0.43900E+05
13	0.2400001	0.51364E+05	0.43500E+05
14	0.2600001	0.50502E+05	0.43100E+05
15	0.2800001	0.49646E+05	0.42800E+05
16	0.3000001	0.48798E+05	0.42400E+05
17	0.3200001	0.47956E+05	0.42100E+05
18	0.3400001	0.47122E+05	0.41700E+05
19	0.3600001	0.46296E+05	0.41300E+05
20	0.3800001	0.45476E+05	0.41000E+05
21	0.4000001	0.44664E+05	0.40600E+05
22	0.4200001	0.43860E+05	0.40200E+05
23	0.4400001	0.43062E+05	0.39900E+05
24	0.4600001	0.42272E+05	0.39500E+05
25	0.4800001	0.41490E+05	0.39100E+05
26	0.5000001	0.40714E+05	0.38800E+05
27	0.5200001	0.39946E+05	0.38400E+05
28	0.5400001	0.39186E+05	0.38000E+05
29	0.5600001	0.38432E+05	0.37700E+05
30	0.5800001	0.37686E+05	0.37300E+05
31	0.6000001	0.36948E+05	0.36900E+05
32	0.6200001	0.36216E+05	0.36600E+05
33	0.6400001	0.35492E+05	0.36200E+05
34	0.6600001	0.34776E+05	0.35800E+05
35	0.6800001	0.34066E+05	0.35500E+05
36	0.7000001	0.33364E+05	0.35100E+05
37	0.7200001	0.32670E+05	0.34700E+05
38	0.7400001	0.31982E+05	0.34400E+05
39	0.7600001	0.31302E+05	0.34000E+05
40	0.7800001	0.30630E+05	0.33600E+05
41	0.8000001	0.29964E+05	0.33300E+05
42	0.8200001	0.29306E+05	0.32900E+05
43	0.8400001	0.28656E+05	0.32500E+05
44	0.8600001	0.28012E+05	0.32200E+05
45	0.8800001	0.27376E+05	0.31800E+05
46	0.9000001	0.26748E+05	0.31400E+05
47	0.9200001	0.26126E+05	0.31100E+05
48	0.9400001	0.25512E+05	0.30700E+05
49	0.9600001	0.24906E+05	0.30300E+05
50	0.9800001	0.24306E+05	0.30000E+05
51	1.0000001	0.23714E+05	0.29600E+05
52	1.0200001	0.23130E+05	0.29200E+05
53	1.0400001	0.22552E+05	0.28900E+05
54	1.0600001	0.21982E+05	0.28500E+05
55	1.0800001	0.21420E+05	0.28100E+05
56	1.1000001	0.20864E+05	0.27800E+05
57	1.1200001	0.20316E+05	0.27400E+05
58	1.1400001	0.19776E+05	0.27000E+05
59	1.1600001	0.19242E+05	0.26700E+05
60	1.1800001	0.18716E+05	0.26300E+05
61	1.2000001	0.18196E+05	0.26000E+05

62	1.2200001	0.17684E+05	0.25600E+05
63	1.2400001	0.17180E+05	0.25200E+05
64	1.2600001	0.16682E+05	0.24900E+05
65	1.2800001	0.16192E+05	0.24500E+05
66	1.3000001	0.15710E+05	0.24100E+05
67	1.3200001	0.15234E+05	0.23800E+05
68	1.3400001	0.14766E+05	0.23400E+05
69	1.3600001	0.14306E+05	0.23000E+05
70	1.3800001	0.13852E+05	0.22700E+05
71	1.4000001	0.13406E+05	0.22300E+05
72	1.4200001	0.12968E+05	0.21900E+05
73	1.4400001	0.12536E+05	0.21600E+05
74	1.4600001	0.12112E+05	0.21200E+05
75	1.4800001	0.11696E+05	0.20800E+05
76	1.5000001	0.11286E+05	0.20500E+05
77	1.5200001	0.10884E+05	0.20100E+05
78	1.5400001	0.10490E+05	0.19700E+05
79	1.5600001	0.10102E+05	0.19400E+05
80	1.5800001	0.97216E+04	0.19000E+05
81	1.6000001	0.93496E+04	0.18600E+05
82	1.6200001	0.89836E+04	0.18300E+05
83	1.6400001	0.86256E+04	0.17900E+05
84	1.6600001	0.82756E+04	0.17500E+05
85	1.6800001	0.79316E+04	0.17200E+05
86	1.7000001	0.75956E+04	0.16800E+05
87	1.7200001	0.72676E+04	0.16400E+05
88	1.7400001	0.69456E+04	0.16100E+05
89	1.7600001	0.66316E+04	0.15700E+05
90	1.7800001	0.63256E+04	0.15300E+05
91	1.8000001	0.60256E+04	0.15000E+05
92	1.8200001	0.57336E+04	0.14600E+05
93	1.8400001	0.54496E+04	0.14200E+05
94	1.8600001	0.51716E+04	0.13900E+05
95	1.8800001	0.49016E+04	0.13500E+05
96	1.9000001	0.46396E+04	0.13100E+05
97	1.9200001	0.43836E+04	0.12800E+05
98	1.9400001	0.41356E+04	0.12400E+05
99	1.9600001	0.38956E+04	0.12000E+05
100	1.9800001	0.36616E+04	0.11700E+05
101	2.0000001	0.34356E+04	0.11300E+05
102	2.0200001	0.32176E+04	0.10900E+05
103	2.0400001	0.30056E+04	0.10600E+05
104	2.0600001	0.28016E+04	0.10200E+05
105	2.0800001	0.26046E+04	0.98500E+04
106	2.1000001	0.24148E+04	0.94900E+04
107	2.1200001	0.22324E+04	0.91200E+04
108	2.1400001	0.20574E+04	0.87500E+04
109	2.1600001	0.18896E+04	0.83900E+04
110	2.1800001	0.17292E+04	0.80200E+04
111	2.2000001	0.15760E+04	0.76600E+04
112	2.2200001	0.14302E+04	0.72900E+04
113	2.2400001	0.12918E+04	0.69200E+04
114	2.2600001	0.11606E+04	0.65600E+04
115	2.2800001	0.10368E+04	0.61900E+04
116	2.3000001	0.92019E+03	0.58300E+04
117	2.3200001	0.81099E+03	0.54600E+04
118	2.3400001	0.70899E+03	0.51000E+04
119	2.3600001	0.61439E+03	0.47300E+04
120	2.3800001	0.52719E+03	0.43600E+04
121	2.4000001	0.44719E+03	0.40000E+04
122	2.4200001	0.37459E+03	0.36300E+04
123	2.4400001	0.30919E+03	0.32700E+04
124	2.4600001	0.25119E+03	0.29000E+04
125	2.4800001	0.20059E+03	0.25300E+04
126	2.5000001	0.15719E+03	0.21700E+04
127	2.5200001	0.12119E+03	0.18000E+04

128	2.5400001	0.92388E+02	0.14400E+04
129	2.5600001	0.70988E+02	0.10700E+04
130	2.5800001	0.54908E+02	0.80400E+03
131	2.6000001	0.42748E+02	0.60800E+03
132	2.6200001	0.33488E+02	0.46300E+03
133	2.6400001	0.26388E+02	0.35500E+03
134	2.6600001	0.20908E+02	0.27400E+03
135	2.6800001	0.16648E+02	0.21300E+03
136	2.7000001	0.13328E+02	0.16600E+03
137	2.7200001	0.10728E+02	0.13000E+03
138	2.7400001	0.86679E+01	0.10300E+03
139	2.7600001	0.70379E+01	0.81500E+02
140	2.7800001	0.57379E+01	0.65000E+02
141	2.8000001	0.46959E+01	0.52100E+02
142	2.8200001	0.38579E+01	0.41900E+02
143	2.8400001	0.31819E+01	0.33800E+02
144	2.8600001	0.26339E+01	0.27400E+02
145	2.8800001	0.21859E+01	0.22400E+02
146	2.9000001	0.18199E+01	0.18300E+02
147	2.9200001	0.15199E+01	0.15000E+02
148	2.9400001	0.12719E+01	0.12400E+02
149	2.9600001	0.10679E+01	0.10200E+02
150	2.9800001	0.89827E+00	0.84800E+01
151	3.0000001	0.75727E+00	0.70500E+01
152	3.0200001	0.63967E+00	0.58800E+01
153	3.0400001	0.54127E+00	0.49200E+01
154	3.0600001	0.45867E+00	0.41300E+01
155	3.0800001	0.38907E+00	0.34800E+01
156	3.1000001	0.33047E+00	0.29300E+01
157	3.1200001	0.28087E+00	0.24800E+01
158	3.1400001	0.23887E+00	0.21000E+01
159	3.1600001	0.20307E+00	0.17900E+01
160	3.1800001	0.17267E+00	0.15200E+01
161	3.2000001	0.14667E+00	0.13000E+01
162	3.2200001	0.12447E+00	0.11100E+01
163	3.2400001	0.10543E+00	0.95200E+00
164	3.2600001	0.89109E-01	0.81600E+00
165	3.2800001	0.75089E-01	0.70100E+00
166	3.3000001	0.63029E-01	0.60300E+00
167	3.3200001	0.52649E-01	0.51900E+00
168	3.3400001	0.43689E-01	0.44800E+00
169	3.3600001	0.35969E-01	0.38600E+00
170	3.3800001	0.29289E-01	0.33400E+00
171	3.4000001	0.23529E-01	0.28800E+00
172	3.4200001	0.18529E-01	0.25000E+00
173	3.4400001	0.14209E-01	0.21600E+00
174	3.4600001	0.10469E-01	0.18700E+00
175	3.4800001	0.72292E-02	0.16200E+00
176	3.5000001	0.44292E-02	0.14000E+00
177	3.5200001	0.20092E-02	0.12100E+00
178	3.5400001	-0.90837E-04	0.10500E+00
179	3.5600001	-0.18928E-02	0.90100E-01
180	3.5800001	-0.34488E-02	0.77800E-01
181	3.6000001	-0.48008E-02	0.67600E-01
182	3.6200001	-0.59548E-02	0.57700E-01
183	3.6400001	-0.69328E-02	0.48900E-01
184	3.6600001	-0.77768E-02	0.42200E-01
185	3.6800001	-0.84948E-02	0.35900E-01
186	3.7000001	-0.91008E-02	0.30300E-01
187	3.7200001	-0.96088E-02	0.25400E-01
188	3.7400001	-0.10039E-01	0.21500E-01
189	3.7600001	-0.10381E-01	0.17100E-01
190	3.7800001	-0.10675E-01	0.14700E-01
191	3.8000001	-0.10907E-01	0.11600E-01
192	3.8200001	-0.11083E-01	0.88000E-02
193	3.8400001	-0.11221E-01	0.69000E-02

194	3.86000001	-0.11323E-01	0.51100E-02
195	3.88000001	-0.11396E-01	0.36400E-02
196	3.90000001	-0.11431E-01	0.17500E-02
197	3.92000001	-0.11453E-01	0.11200E-02
198	3.94000001	-0.11454E-01	0.20300E-04
199	3.96000001	-0.11452E-01	-0.61500E-04
200	3.98000001	-0.11427E-01	-0.12600E-02
201	4.00000001	-0.11378E-01	-0.24500E-02
202	4.02000001	-0.11326E-01	-0.25900E-02
203	4.04000001	-0.11266E-01	-0.30400E-02
204	4.06000001	-0.11196E-01	-0.34800E-02
205	4.08000001	-0.11118E-01	-0.39200E-02
206	4.10000001	-0.11030E-01	-0.43700E-02
207	4.12000001	-0.10934E-01	-0.48100E-02
208	4.14000001	-0.10829E-01	-0.52600E-02
209	4.16000001	-0.10715E-01	-0.56800E-02
210	4.18000001	-0.10599E-01	-0.57900E-02
211	4.20000001	-0.10481E-01	-0.59000E-02
212	4.22000001	-0.10363E-01	-0.59000E-02
213	4.24000001	-0.10243E-01	-0.60000E-02
214	4.26000001	-0.10120E-01	-0.61900E-02
215	4.28000001	-0.99976E-02	-0.61000E-02
216	4.30000001	-0.98774E-02	-0.60100E-02
217	4.32000001	-0.97590E-02	-0.59200E-02
218	4.34000001	-0.96422E-02	-0.58400E-02
219	4.36000001	-0.95270E-02	-0.57600E-02
220	4.38000001	-0.94126E-02	-0.57200E-02
221	4.40000001	-0.92990E-02	-0.56800E-02
222	4.42000001	-0.91862E-02	-0.56400E-02
223	4.44000001	-0.90736E-02	-0.56300E-02
224	4.46000001	-0.89622E-02	-0.55700E-02
225	4.48000001	-0.88520E-02	-0.55100E-02
226	4.50000001	-0.87430E-02	-0.54500E-02
227	4.52000001	-0.86354E-02	-0.53800E-02
228	4.54000001	-0.85300E-02	-0.52700E-02
229	4.56000001	-0.84268E-02	-0.51600E-02
230	4.58000001	-0.83282E-02	-0.49300E-02
231	4.60000001	-0.82372E-02	-0.45500E-02
232	4.62000001	-0.81480E-02	-0.44600E-02
233	4.64000001	-0.80606E-02	-0.43700E-02
234	4.66000001	-0.79750E-02	-0.42800E-02
235	4.68000001	-0.78922E-02	-0.41400E-02
236	4.70000001	-0.78158E-02	-0.38200E-02
237	4.72000001	-0.77396E-02	-0.38100E-02
238	4.74000001	-0.76636E-02	-0.38000E-02
239	4.76000001	-0.75878E-02	-0.37900E-02
240	4.78000001	-0.75180E-02	-0.34900E-02
241	4.80000001	-0.74500E-02	-0.34000E-02
242	4.82000001	-0.73836E-02	-0.33200E-02
243	4.84000001	-0.73188E-02	-0.32400E-02
244	4.86000001	-0.72558E-02	-0.31500E-02
245	4.88000001	-0.71952E-02	-0.30300E-02
246	4.90000001	-0.71352E-02	-0.30000E-02
247	4.92000001	-0.70778E-02	-0.28700E-02
248	4.94000001	-0.70228E-02	-0.27500E-02
249	4.96000001	-0.69704E-02	-0.26200E-02
250	4.98000001	-0.69188E-02	-0.25800E-02
251	5.00000001	-0.68674E-02	-0.25700E-02
252	5.02000001	-0.68162E-02	-0.25600E-02
253	5.04000001	-0.67654E-02	-0.25400E-02
254	5.06000001	-0.67148E-02	-0.25300E-02
255	5.08000001	-0.66646E-02	-0.25100E-02
256	5.10000001	-0.66146E-02	-0.25000E-02
257	5.12000001	-0.65650E-02	-0.24800E-02
258	5.14000001	-0.65160E-02	-0.24500E-02
259	5.16000001	-0.64694E-02	-0.23300E-02

260	5.18000001	-0.64252E-02	-0.22100E-02
261	5.20000001	-0.63822E-02	-0.21500E-02
262	5.22000001	-0.63402E-02	-0.21000E-02
263	5.24000001	-0.63008E-02	-0.19700E-02
264	5.26000001	-0.62622E-02	-0.19300E-02
265	5.28000001	-0.62258E-02	-0.18200E-02
266	5.30000001	-0.61914E-02	-0.17200E-02
267	5.32000001	-0.61600E-02	-0.15700E-02
268	5.34000001	-0.61290E-02	-0.15500E-02
269	5.36000001	-0.60986E-02	-0.15200E-02
270	5.38000001	-0.60704E-02	-0.14100E-02
271	5.40000001	-0.60442E-02	-0.13100E-02
272	5.42000001	-0.60180E-02	-0.13100E-02
273	5.44000001	-0.59918E-02	-0.13100E-02
274	5.46000001	-0.59656E-02	-0.13100E-02
275	5.48000001	-0.59394E-02	-0.13100E-02
276	5.50000001	-0.59132E-02	-0.13100E-02
277	5.52000001	-0.58870E-02	-0.13100E-02
278	5.54000001	-0.58616E-02	-0.12700E-02
279	5.56000001	-0.58368E-02	-0.12400E-02
280	5.58000001	-0.58136E-02	-0.11600E-02
281	5.60000001	-0.57908E-02	-0.11400E-02
282	5.62000001	-0.57684E-02	-0.11200E-02
283	5.64000001	-0.57462E-02	-0.11100E-02
284	5.66000001	-0.57244E-02	-0.10900E-02
285	5.68000001	-0.57030E-02	-0.10700E-02
286	5.70000001	-0.56818E-02	-0.10600E-02
287	5.72000001	-0.56608E-02	-0.10500E-02
288	5.74000001	-0.56402E-02	-0.10300E-02
289	5.76000001	-0.56198E-02	-0.10200E-02
290	5.78000001	-0.55996E-02	-0.10100E-02
291	5.80000001	-0.55796E-02	-0.10000E-02
292	5.82000001	-0.55597E-02	-0.99500E-03
293	5.84000001	-0.55400E-02	-0.98400E-03
294	5.86000001	-0.55223E-02	-0.88700E-03
295	5.88000001	-0.55068E-02	-0.77300E-03
296	5.90000001	-0.54915E-02	-0.76500E-03
297	5.92000001	-0.54764E-02	-0.75700E-03
298	5.94000001	-0.54614E-02	-0.74900E-03
299	5.96000001	-0.54466E-02	-0.74000E-03
300	5.98000001	-0.54320E-02	-0.73200E-03
301	6.00000001	-0.54175E-02	-0.72400E-03
302	6.02000001	-0.54032E-02	-0.71600E-03
303	6.04000001	-0.53890E-02	-0.70800E-03
304	6.06000001	-0.53750E-02	-0.69900E-03
305	6.08000001	-0.53612E-02	-0.69100E-03
306	6.10000001	-0.53476E-02	-0.68300E-03
307	6.12000001	-0.53341E-02	-0.67500E-03
308	6.14000001	-0.53208E-02	-0.66500E-03
309	6.16000001	-0.53077E-02	-0.65500E-03
310	6.18000001	-0.52948E-02	-0.64500E-03
311	6.20000001	-0.52820E-02	-0.63600E-03
312	6.22000001	-0.52695E-02	-0.62600E-03
313	6.24000001	-0.52572E-02	-0.61600E-03
314	6.26000001	-0.52449E-02	-0.61300E-03
315	6.28000001	-0.52327E-02	-0.61300E-03
316	6.30000001	-0.52204E-02	-0.61300E-03
317	6.32000001	-0.52082E-02	-0.61300E-03
318	6.34000001	-0.51959E-02	-0.61300E-03
319	6.36000001	-0.51836E-02	-0.61300E-03
320	6.38000001	-0.51713E-02	-0.61500E-03
321	6.40000001	-0.51590E-02	-0.61800E-03
322	6.42000001	-0.51466E-02	-0.62000E-03
323	6.44000001	-0.51341E-02	-0.62300E-03
324	6.46000001	-0.51216E-02	-0.62500E-03
325	6.48000001	-0.51091E-02	-0.62800E-03

326	6.5000001	-0.50964E-02	-0.63100E-03
327	6.5200001	-0.50838E-02	-0.63300E-03
328	6.5400001	-0.50711E-02	-0.63600E-03
329	6.5600001	-0.50583E-02	-0.63800E-03
330	6.5800001	-0.50455E-02	-0.64100E-03
331	6.6000001	-0.50326E-02	-0.64300E-03
332	6.6200001	-0.50197E-02	-0.64600E-03
333	6.6400001	-0.50067E-02	-0.64800E-03
334	6.6600001	-0.49937E-02	-0.65100E-03
335	6.6800001	-0.49807E-02	-0.65300E-03
336	6.7000001	-0.49675E-02	-0.65600E-03
337	6.7200001	-0.49544E-02	-0.65800E-03
338	6.7400001	-0.49412E-02	-0.66100E-03
339	6.7600001	-0.49279E-02	-0.66300E-03
340	6.7800001	-0.49146E-02	-0.66600E-03
341	6.8000001	-0.49012E-02	-0.66800E-03
342	6.8200001	-0.48878E-02	-0.67100E-03
343	6.8400001	-0.48743E-02	-0.67400E-03
344	6.8600001	-0.48608E-02	-0.67600E-03
345	6.8800001	-0.48472E-02	-0.67900E-03
346	6.9000001	-0.48336E-02	-0.68100E-03
347	6.9200001	-0.48199E-02	-0.68400E-03
348	6.9400001	-0.48062E-02	-0.68600E-03
349	6.9600001	-0.47924E-02	-0.68900E-03
350	6.9800001	-0.47786E-02	-0.69100E-03
351	7.0000001	-0.47647E-02	-0.69400E-03
352	7.0200001	-0.47508E-02	-0.69600E-03
353	7.0400001	-0.47368E-02	-0.69900E-03
354	7.0600001	-0.47228E-02	-0.70100E-03
355	7.0800001	-0.47087E-02	-0.70400E-03
356	7.1000001	-0.46946E-02	-0.70600E-03
357	7.1200001	-0.46804E-02	-0.70900E-03
358	7.1400001	-0.46662E-02	-0.71100E-03
359	7.1600001	-0.46519E-02	-0.71400E-03
360	7.1800001	-0.46376E-02	-0.71700E-03
361	7.2000001	-0.46232E-02	-0.71900E-03
362	7.2200001	-0.46088E-02	-0.72200E-03
363	7.2400001	-0.45943E-02	-0.72400E-03
364	7.2600001	-0.45797E-02	-0.72700E-03
365	7.2800001	-0.45652E-02	-0.72900E-03
366	7.3000001	-0.45505E-02	-0.73200E-03
367	7.3200001	-0.45358E-02	-0.73400E-03
368	7.3400001	-0.45211E-02	-0.73700E-03
369	7.3600001	-0.45063E-02	-0.73900E-03
370	7.3800001	-0.44915E-02	-0.74200E-03
371	7.4000001	-0.44766E-02	-0.74400E-03
372	7.4200001	-0.44617E-02	-0.74700E-03
373	7.4400001	-0.44467E-02	-0.74900E-03
374	7.4600001	-0.44316E-02	-0.75200E-03
375	7.4800001	-0.44166E-02	-0.75400E-03
376	7.5000001	-0.44014E-02	-0.75700E-03
377	7.5200001	-0.43862E-02	-0.76000E-03
378	7.5400001	-0.43710E-02	-0.76200E-03
379	7.5600001	-0.43557E-02	-0.76500E-03
380	7.5800001	-0.43403E-02	-0.76700E-03
381	7.6000001	-0.43249E-02	-0.77000E-03
382	7.6200001	-0.43095E-02	-0.77200E-03
383	7.6400001	-0.42940E-02	-0.77500E-03
384	7.6600001	-0.42785E-02	-0.77700E-03
385	7.6800001	-0.42629E-02	-0.78000E-03
386	7.7000001	-0.42472E-02	-0.78200E-03
387	7.7200001	-0.42315E-02	-0.78500E-03
388	7.7400001	-0.42158E-02	-0.78700E-03
389	7.7600001	-0.42000E-02	-0.79000E-03
390	7.7800001	-0.41841E-02	-0.79200E-03
391	7.8000001	-0.41682E-02	-0.79500E-03

392	7.8200001	-0.41523E-02	-0.79700E-03
393	7.8400001	-0.41363E-02	-0.80000E-03
394	7.8600001	-0.41202E-02	-0.80300E-03
395	7.8800001	-0.41041E-02	-0.80500E-03
396	7.9000001	-0.40880E-02	-0.80800E-03
397	7.9200001	-0.40718E-02	-0.81000E-03
398	7.9400001	-0.40555E-02	-0.81300E-03
399	7.9600001	-0.40392E-02	-0.81500E-03
400	7.9800001	-0.40229E-02	-0.81800E-03
401	8.0000001	-0.40065E-02	-0.82000E-03
402	8.0200001	-0.39900E-02	-0.82300E-03
403	8.0400001	-0.39735E-02	-0.82500E-03
404	8.0600001	-0.39569E-02	-0.82800E-03
405	8.0800001	-0.39403E-02	-0.83000E-03
406	8.1000001	-0.39237E-02	-0.83300E-03
407	8.1200001	-0.39070E-02	-0.83500E-03
408	8.1400001	-0.38902E-02	-0.83800E-03
409	8.1600001	-0.38734E-02	-0.84000E-03
410	8.1800001	-0.38566E-02	-0.84300E-03
411	8.2000001	-0.38396E-02	-0.84600E-03
412	8.2200001	-0.38227E-02	-0.84800E-03
413	8.2400001	-0.38057E-02	-0.85100E-03
414	8.2600001	-0.37886E-02	-0.85300E-03
415	8.2800001	-0.37715E-02	-0.85600E-03
416	8.3000001	-0.37543E-02	-0.85800E-03
417	8.3200001	-0.37371E-02	-0.86100E-03
418	8.3400001	-0.37198E-02	-0.86300E-03
419	8.3600001	-0.37025E-02	-0.86600E-03
420	8.3800001	-0.36852E-02	-0.86800E-03
421	8.4000001	-0.36677E-02	-0.87100E-03
422	8.4200001	-0.36503E-02	-0.87300E-03
423	8.4400001	-0.36328E-02	-0.87600E-03
424	8.4600001	-0.36152E-02	-0.87800E-03
425	8.4800001	-0.35976E-02	-0.88100E-03
426	8.5000001	-0.35799E-02	-0.88300E-03
427	8.5200001	-0.35622E-02	-0.88600E-03
428	8.5400001	-0.35444E-02	-0.88900E-03
429	8.5600001	-0.35266E-02	-0.89100E-03
430	8.5800001	-0.35087E-02	-0.89400E-03
431	8.6000001	-0.34908E-02	-0.89600E-03
432	8.6200001	-0.34728E-02	-0.89900E-03
433	8.6400001	-0.34548E-02	-0.90100E-03
434	8.6600001	-0.34367E-02	-0.90400E-03
435	8.6800001	-0.34186E-02	-0.90600E-03
436	8.7000001	-0.34004E-02	-0.90900E-03
437	8.7200001	-0.33822E-02	-0.91100E-03
438	8.7400001	-0.33639E-02	-0.91400E-03
439	8.7600001	-0.33456E-02	-0.91600E-03
440	8.7800001	-0.33272E-02	-0.91900E-03
441	8.8000001	-0.33088E-02	-0.92100E-03
442	8.8200001	-0.32903E-02	-0.92400E-03
443	8.8400001	-0.32718E-02	-0.92600E-03
444	8.8600001	-0.32532E-02	-0.92900E-03
445	8.8800001	-0.32346E-02	-0.93200E-03
446	8.9000001	-0.32159E-02	-0.93400E-03
447	8.9200001	-0.31972E-02	-0.93700E-03
448	8.9400001	-0.31784E-02	-0.93900E-03
449	8.9600001	-0.31595E-02	-0.94200E-03
450	8.9800001	-0.31407E-02	-0.94400E-03
451	9.0000001	-0.31217E-02	-0.94700E-03
452	9.0200001	-0.31027E-02	-0.94900E-03
453	9.0400001	-0.30837E-02	-0.95200E-03
454	9.0600001	-0.30646E-02	-0.95400E-03
455	9.0800001	-0.30455E-02	-0.95700E-03
456	9.1000001	-0.30263E-02	-0.95900E-03
457	9.1200001	-0.30071E-02	-0.96200E-03

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458	9.14000001	-0.29878E-02	-0.96400E-03	
459	9.16000001	-0.29684E-02	-0.96700E-03	
460	9.18000001	-0.29491E-02	-0.96900E-03	
461	9.20000001	-0.29296E-02	-0.97200E-03	
462	9.22000001	-0.29101E-02	-0.97500E-03	
463	9.24000001	-0.28906E-02	-0.97700E-03	
464	9.26000001	-0.28710E-02	-0.98000E-03	
465	9.28000001	-0.28513E-02	-0.98200E-03	
466	9.30000001	-0.28316E-02	-0.98500E-03	
467	9.32000001	-0.28119E-02	-0.98700E-03	
468	9.34000001	-0.27921E-02	-0.99000E-03	
469	9.36000001	-0.27723E-02	-0.99200E-03	
470	9.38000001	-0.27524E-02	-0.99500E-03	
471	9.40000001	-0.27324E-02	-0.99700E-03	
472	9.42000001	-0.27124E-02	-0.10000E-02	
473	9.44000001	-0.26924E-02	-0.10000E-02	
474	9.46000001	-0.26724E-02	-0.10000E-02	
475	9.48000001	-0.26522E-02	-0.10100E-02	
476	9.50000001	-0.26320E-02	-0.10100E-02	
477	9.52000001	-0.26118E-02	-0.10100E-02	
478	9.54000001	-0.25914E-02	-0.10200E-02	
479	9.56000001	-0.25710E-02	-0.10200E-02	
480	9.58000001	-0.25506E-02	-0.10200E-02	
481	9.60000001	-0.25302E-02	-0.10200E-02	
482	9.62000001	-0.25096E-02	-0.10300E-02	
483	9.64000001	-0.24890E-02	-0.10300E-02	
484	9.66000001	-0.24684E-02	-0.10300E-02	
485	9.68000001	-0.24478E-02	-0.10300E-02	
486	9.70000001	-0.24270E-02	-0.10400E-02	
487	9.72000001	-0.24062E-02	-0.10400E-02	
488	9.74000001	-0.23854E-02	-0.10400E-02	
489	9.76000001	-0.23646E-02	-0.10400E-02	
490	9.78000001	-0.23436E-02	-0.10500E-02	
491	9.80000001	-0.23226E-02	-0.10500E-02	
492	9.82000001	-0.23016E-02	-0.10500E-02	
493	9.84000001	-0.22806E-02	-0.10500E-02	
494	9.86000001	-0.22594E-02	-0.10600E-02	
495	9.88000001	-0.22382E-02	-0.10600E-02	
496	9.90000001	-0.22170E-02	-0.10600E-02	
497	9.92000001	-0.21958E-02	-0.10600E-02	
498	9.94000001	-0.21744E-02	-0.10700E-02	
499	9.96000001	-0.21530E-02	-0.10700E-02	
500	9.98000001	-0.21316E-02	-0.10700E-02	
501	10.00000001	-0.21102E-02	-0.10700E-02	
502	10.02000001	-0.20886E-02	-0.10800E-02	
503	10.04000001	-0.20670E-02	-0.10800E-02	
504	10.06000001	-0.20454E-02	-0.10800E-02	
505	10.08000001	-0.20238E-02	-0.10800E-02	
506	10.10000001	-0.20020E-02	-0.10900E-02	
507	10.12000001	-0.19802E-02	-0.10900E-02	
508	10.14000001	-0.19584E-02	-0.10900E-02	
509	10.16000001	-0.19366E-02	-0.10900E-02	
510	10.18000001	-0.19146E-02	-0.11000E-02	
511	10.20000001	-0.18926E-02	-0.11000E-02	
512	10.22000001	-0.18706E-02	-0.11000E-02	
513	10.24000001	-0.18486E-02	-0.11000E-02	
514	10.26000001	-0.18264E-02	-0.11100E-02	
515	10.28000001	-0.18042E-02	-0.11100E-02	
516	10.30000001	-0.17820E-02	-0.11100E-02	
517	10.32000001	-0.17598E-02	-0.11100E-02	
518	10.34000001	-0.17374E-02	-0.11200E-02	
519	10.36000001	-0.17150E-02	-0.11200E-02	
520	10.38000001	-0.16926E-02	-0.11200E-02	
521	10.40000001	-0.16702E-02	-0.11200E-02	
522	10.42000001	-0.16476E-02	-0.11300E-02	
523	10.44000001	-0.16250E-02	-0.11300E-02	



524	10.4600001	-0.16024E-02	-0.11300E-02
525	10.4800001	-0.15798E-02	-0.11300E-02
526	10.5000001	-0.15570E-02	-0.11400E-02
527	10.5200001	-0.15342E-02	-0.11400E-02
528	10.5400001	-0.15114E-02	-0.11400E-02
529	10.5600001	-0.14886E-02	-0.11400E-02
530	10.5800001	-0.14656E-02	-0.11500E-02
531	10.6000001	-0.14426E-02	-0.11500E-02
532	10.6200001	-0.14196E-02	-0.11500E-02
533	10.6400001	-0.13966E-02	-0.11500E-02
534	10.6600001	-0.13734E-02	-0.11600E-02
535	10.6800001	-0.13502E-02	-0.11600E-02
536	10.7000001	-0.13270E-02	-0.11600E-02
537	10.7200001	-0.13038E-02	-0.11600E-02
538	10.7400001	-0.12804E-02	-0.11700E-02
539	10.7600001	-0.12570E-02	-0.11700E-02
540	10.7800001	-0.12336E-02	-0.11700E-02
541	10.8000001	-0.12102E-02	-0.11700E-02
542	10.8200001	-0.11866E-02	-0.11800E-02
543	10.8400001	-0.11630E-02	-0.11800E-02
544	10.8600001	-0.11394E-02	-0.11800E-02
545	10.8800001	-0.11158E-02	-0.11800E-02
546	10.9000001	-0.10920E-02	-0.11900E-02
547	10.9200001	-0.10682E-02	-0.11900E-02
548	10.9400001	-0.10444E-02	-0.11900E-02
549	10.9600001	-0.10206E-02	-0.11900E-02
550	10.9800001	-0.99661E-03	-0.12000E-02
551	11.0000001	-0.97261E-03	-0.12000E-02
552	11.0200001	-0.94861E-03	-0.12000E-02
553	11.0400001	-0.92461E-03	-0.12000E-02
554	11.0600001	-0.90041E-03	-0.12100E-02
555	11.0800001	-0.87621E-03	-0.12100E-02
556	11.1000001	-0.85181E-03	-0.12200E-02
557	11.1200001	-0.82741E-03	-0.12200E-02
558	11.1400001	-0.80281E-03	-0.12300E-02
559	11.1600001	-0.77821E-03	-0.12300E-02
560	11.1800001	-0.75341E-03	-0.12400E-02
561	11.2000001	-0.72841E-03	-0.12500E-02
562	11.2200001	-0.70341E-03	-0.12500E-02
563	11.2400001	-0.67821E-03	-0.12600E-02
564	11.2600001	-0.65301E-03	-0.12600E-02
565	11.2800001	-0.62761E-03	-0.12700E-02
566	11.3000001	-0.60221E-03	-0.12700E-02
567	11.3200001	-0.57661E-03	-0.12800E-02
568	11.3400001	-0.55101E-03	-0.12800E-02
569	11.3600001	-0.52521E-03	-0.12900E-02
570	11.3800001	-0.49921E-03	-0.13000E-02
571	11.4000001	-0.47321E-03	-0.13000E-02
572	11.4200001	-0.44701E-03	-0.13100E-02
573	11.4400001	-0.42081E-03	-0.13100E-02
574	11.4600001	-0.39441E-03	-0.13200E-02
575	11.4800001	-0.36801E-03	-0.13200E-02
576	11.5000001	-0.34141E-03	-0.13300E-02
577	11.5200001	-0.31481E-03	-0.13300E-02
578	11.5400001	-0.28801E-03	-0.13400E-02
579	11.5600001	-0.26101E-03	-0.13500E-02
580	11.5800001	-0.23401E-03	-0.13500E-02
581	11.6000001	-0.20681E-03	-0.13600E-02
582	11.6200001	-0.17961E-03	-0.13600E-02
583	11.6400001	-0.15221E-03	-0.13700E-02
584	11.6600001	-0.12481E-03	-0.13700E-02
585	11.6800001	-0.97213E-04	-0.13800E-02
586	11.7000001	-0.69613E-04	-0.13800E-02
587	11.7200001	-0.41813E-04	-0.13900E-02
588	11.7400001	-0.13813E-04	-0.14000E-02
589	11.7600001	-0.13813E-04	0.00000E+00

590	11.7800001	0.000000E+00	0.000000E+00
591	11.8000001	0.000000E+00	0.000000E+00
592	11.8200001	0.000000E+00	0.000000E+00
593	11.8400001	0.000000E+00	0.000000E+00
594	11.8600001	0.000000E+00	0.000000E+00
595	11.8800001	0.000000E+00	0.000000E+00
596	11.9000001	0.000000E+00	0.000000E+00
597	11.9200001	0.000000E+00	0.000000E+00
598	11.9400001	0.000000E+00	0.000000E+00
599	11.9600001	0.000000E+00	0.000000E+00
600	11.9800001	0.000000E+00	0.000000E+00