

Tabulated potential for E1-NN

E1-NN

N 600 R 0.0000001 11.9800001

1	0.0000001	0.68243E+05	0.47900E+05
2	0.0200001	0.67293E+05	0.47500E+05
3	0.0400001	0.66349E+05	0.47200E+05
4	0.0600001	0.65411E+05	0.46900E+05
5	0.0800001	0.64481E+05	0.46500E+05
6	0.1000001	0.63557E+05	0.46200E+05
7	0.1200001	0.62639E+05	0.45900E+05
8	0.1400001	0.61729E+05	0.45500E+05
9	0.1600001	0.60825E+05	0.45200E+05
10	0.1800001	0.59927E+05	0.44900E+05
11	0.2000001	0.59037E+05	0.44500E+05
12	0.2200001	0.58153E+05	0.44200E+05
13	0.2400001	0.57275E+05	0.43900E+05
14	0.2600001	0.56405E+05	0.43500E+05
15	0.2800001	0.55541E+05	0.43200E+05
16	0.3000001	0.54683E+05	0.42900E+05
17	0.3200001	0.53833E+05	0.42500E+05
18	0.3400001	0.52989E+05	0.42200E+05
19	0.3600001	0.52153E+05	0.41800E+05
20	0.3800001	0.51323E+05	0.41500E+05
21	0.4000001	0.50499E+05	0.41200E+05
22	0.4200001	0.49683E+05	0.40800E+05
23	0.4400001	0.48873E+05	0.40500E+05
24	0.4600001	0.48069E+05	0.40200E+05
25	0.4800001	0.47273E+05	0.39800E+05
26	0.5000001	0.46483E+05	0.39500E+05
27	0.5200001	0.45699E+05	0.39200E+05
28	0.5400001	0.44923E+05	0.38800E+05
29	0.5600001	0.44153E+05	0.38500E+05
30	0.5800001	0.43389E+05	0.38200E+05
31	0.6000001	0.42633E+05	0.37800E+05
32	0.6200001	0.41883E+05	0.37500E+05
33	0.6400001	0.41139E+05	0.37200E+05
34	0.6600001	0.40403E+05	0.36800E+05
35	0.6800001	0.39673E+05	0.36500E+05
36	0.7000001	0.38949E+05	0.36200E+05
37	0.7200001	0.38233E+05	0.35800E+05
38	0.7400001	0.37523E+05	0.35500E+05
39	0.7600001	0.36819E+05	0.35200E+05
40	0.7800001	0.36123E+05	0.34800E+05
41	0.8000001	0.35433E+05	0.34500E+05
42	0.8200001	0.34749E+05	0.34200E+05
43	0.8400001	0.34073E+05	0.33800E+05
44	0.8600001	0.33403E+05	0.33500E+05
45	0.8800001	0.32739E+05	0.33200E+05
46	0.9000001	0.32083E+05	0.32800E+05
47	0.9200001	0.31433E+05	0.32500E+05
48	0.9400001	0.30789E+05	0.32200E+05
49	0.9600001	0.30153E+05	0.31800E+05
50	0.9800001	0.29523E+05	0.31500E+05
51	1.0000001	0.28899E+05	0.31200E+05
52	1.0200001	0.28283E+05	0.30800E+05
53	1.0400001	0.27673E+05	0.30500E+05
54	1.0600001	0.27069E+05	0.30200E+05
55	1.0800001	0.26473E+05	0.29800E+05
56	1.1000001	0.25883E+05	0.29500E+05
57	1.1200001	0.25299E+05	0.29200E+05
58	1.1400001	0.24723E+05	0.28800E+05
59	1.1600001	0.24153E+05	0.28500E+05
60	1.1800001	0.23589E+05	0.28200E+05
61	1.2000001	0.23033E+05	0.27800E+05

62	1.2200001	0.22483E+05	0.27500E+05
63	1.2400001	0.21939E+05	0.27200E+05
64	1.2600001	0.21403E+05	0.26800E+05
65	1.2800001	0.20873E+05	0.26500E+05
66	1.3000001	0.20349E+05	0.26200E+05
67	1.3200001	0.19833E+05	0.25800E+05
68	1.3400001	0.19323E+05	0.25500E+05
69	1.3600001	0.18819E+05	0.25200E+05
70	1.3800001	0.18323E+05	0.24800E+05
71	1.4000001	0.17833E+05	0.24500E+05
72	1.4200001	0.17349E+05	0.24200E+05
73	1.4400001	0.16873E+05	0.23800E+05
74	1.4600001	0.16403E+05	0.23500E+05
75	1.4800001	0.15939E+05	0.23200E+05
76	1.5000001	0.15483E+05	0.22800E+05
77	1.5200001	0.15033E+05	0.22500E+05
78	1.5400001	0.14589E+05	0.22200E+05
79	1.5600001	0.14153E+05	0.21800E+05
80	1.5800001	0.13723E+05	0.21500E+05
81	1.6000001	0.13299E+05	0.21200E+05
82	1.6200001	0.12883E+05	0.20800E+05
83	1.6400001	0.12473E+05	0.20500E+05
84	1.6600001	0.12069E+05	0.20200E+05
85	1.6800001	0.11673E+05	0.19800E+05
86	1.7000001	0.11283E+05	0.19500E+05
87	1.7200001	0.10899E+05	0.19200E+05
88	1.7400001	0.10523E+05	0.18800E+05
89	1.7600001	0.10153E+05	0.18500E+05
90	1.7800001	0.97891E+04	0.18200E+05
91	1.8000001	0.94331E+04	0.17800E+05
92	1.8200001	0.90831E+04	0.17500E+05
93	1.8400001	0.87391E+04	0.17200E+05
94	1.8600001	0.84031E+04	0.16800E+05
95	1.8800001	0.80731E+04	0.16500E+05
96	1.9000001	0.77491E+04	0.16200E+05
97	1.9200001	0.74331E+04	0.15800E+05
98	1.9400001	0.71231E+04	0.15500E+05
99	1.9600001	0.68191E+04	0.15200E+05
100	1.9800001	0.65231E+04	0.14800E+05
101	2.0000001	0.62331E+04	0.14500E+05
102	2.0200001	0.59491E+04	0.14200E+05
103	2.0400001	0.56731E+04	0.13800E+05
104	2.0600001	0.54031E+04	0.13500E+05
105	2.0800001	0.51391E+04	0.13200E+05
106	2.1000001	0.48831E+04	0.12800E+05
107	2.1200001	0.46331E+04	0.12500E+05
108	2.1400001	0.43891E+04	0.12200E+05
109	2.1600001	0.41531E+04	0.11800E+05
110	2.1800001	0.39231E+04	0.11500E+05
111	2.2000001	0.36991E+04	0.11200E+05
112	2.2200001	0.34831E+04	0.10800E+05
113	2.2400001	0.32731E+04	0.10500E+05
114	2.2600001	0.30691E+04	0.10200E+05
115	2.2800001	0.28723E+04	0.98400E+04
116	2.3000001	0.26821E+04	0.95100E+04
117	2.3200001	0.24985E+04	0.91800E+04
118	2.3400001	0.23217E+04	0.88400E+04
119	2.3600001	0.21515E+04	0.85100E+04
120	2.3800001	0.19879E+04	0.81800E+04
121	2.4000001	0.18311E+04	0.78400E+04
122	2.4200001	0.16809E+04	0.75100E+04
123	2.4400001	0.15373E+04	0.71800E+04
124	2.4600001	0.14005E+04	0.68400E+04
125	2.4800001	0.12703E+04	0.65100E+04
126	2.5000001	0.11467E+04	0.61800E+04
127	2.5200001	0.10299E+04	0.58400E+04

128	2.5400001	0.91974E+03	0.55100E+04
129	2.5600001	0.81614E+03	0.51800E+04
130	2.5800001	0.71934E+03	0.48400E+04
131	2.6000001	0.62914E+03	0.45100E+04
132	2.6200001	0.54554E+03	0.41800E+04
133	2.6400001	0.46874E+03	0.38400E+04
134	2.6600001	0.39854E+03	0.35100E+04
135	2.6800001	0.33494E+03	0.31800E+04
136	2.7000001	0.27814E+03	0.28400E+04
137	2.7200001	0.22794E+03	0.25100E+04
138	2.7400001	0.18434E+03	0.21800E+04
139	2.7600001	0.14754E+03	0.18400E+04
140	2.7800001	0.11734E+03	0.15100E+04
141	2.8000001	0.93741E+02	0.11800E+04
142	2.8200001	0.75321E+02	0.92100E+03
143	2.8400001	0.60821E+02	0.72500E+03
144	2.8600001	0.49321E+02	0.57500E+03
145	2.8800001	0.40181E+02	0.45700E+03
146	2.9000001	0.32861E+02	0.36600E+03
147	2.9200001	0.26981E+02	0.29400E+03
148	2.9400001	0.22241E+02	0.23700E+03
149	2.9600001	0.18401E+02	0.19200E+03
150	2.9800001	0.15281E+02	0.15600E+03
151	3.0000001	0.12721E+02	0.12800E+03
152	3.0200001	0.10621E+02	0.10500E+03
153	3.0400001	0.88974E+01	0.86200E+02
154	3.0600001	0.74734E+01	0.71200E+02
155	3.0800001	0.62954E+01	0.58900E+02
156	3.1000001	0.53154E+01	0.49000E+02
157	3.1200001	0.44994E+01	0.40800E+02
158	3.1400001	0.38174E+01	0.34100E+02
159	3.1600001	0.32454E+01	0.28600E+02
160	3.1800001	0.27634E+01	0.24100E+02
161	3.2000001	0.23574E+01	0.20300E+02
162	3.2200001	0.20134E+01	0.17200E+02
163	3.2400001	0.17234E+01	0.14500E+02
164	3.2600001	0.14774E+01	0.12300E+02
165	3.2800001	0.12674E+01	0.10500E+02
166	3.3000001	0.10882E+01	0.89600E+01
167	3.3200001	0.93519E+00	0.76500E+01
168	3.3400001	0.80419E+00	0.65500E+01
169	3.3600001	0.69159E+00	0.56300E+01
170	3.3800001	0.59499E+00	0.48300E+01
171	3.4000001	0.51179E+00	0.41600E+01
172	3.4200001	0.43999E+00	0.35900E+01
173	3.4400001	0.37799E+00	0.31000E+01
174	3.4600001	0.32439E+00	0.26800E+01
175	3.4800001	0.27799E+00	0.23200E+01
176	3.5000001	0.23779E+00	0.20100E+01
177	3.5200001	0.20279E+00	0.17500E+01
178	3.5400001	0.17259E+00	0.15100E+01
179	3.5600001	0.14619E+00	0.13200E+01
180	3.5800001	0.12319E+00	0.11500E+01
181	3.6000001	0.10325E+00	0.99700E+00
182	3.6200001	0.85991E-01	0.86300E+00
183	3.6400001	0.70851E-01	0.75700E+00
184	3.6600001	0.57651E-01	0.66000E+00
185	3.6800001	0.46031E-01	0.58100E+00
186	3.7000001	0.36071E-01	0.49800E+00
187	3.7200001	0.27291E-01	0.43900E+00
188	3.7400001	0.19731E-01	0.37800E+00
189	3.7600001	0.13031E-01	0.33500E+00
190	3.7800001	0.72910E-02	0.28700E+00
191	3.8000001	0.22910E-02	0.25000E+00
192	3.8200001	-0.20690E-02	0.21800E+00
193	3.8400001	-0.57690E-02	0.18500E+00

194	3.8600001	-0.90890E-02	0.16600E+00
195	3.8800001	-0.11869E-01	0.13900E+00
196	3.9000001	-0.14289E-01	0.12100E+00
197	3.9200001	-0.16277E-01	0.99400E-01
198	3.9400001	-0.17985E-01	0.85400E-01
199	3.9600001	-0.19549E-01	0.78200E-01
200	3.9800001	-0.20805E-01	0.62800E-01
201	4.0000001	-0.21881E-01	0.53800E-01
202	4.0200001	-0.22603E-01	0.36100E-01
203	4.0400001	-0.23293E-01	0.34500E-01
204	4.0600001	-0.23873E-01	0.29000E-01
205	4.0800001	-0.24363E-01	0.24500E-01
206	4.1000001	-0.24577E-01	0.10700E-01
207	4.1200001	-0.24829E-01	0.12600E-01
208	4.1400001	-0.25031E-01	0.10100E-01
209	4.1600001	-0.25097E-01	0.33000E-02
210	4.1800001	-0.25036E-01	-0.30400E-02
211	4.2000001	-0.24956E-01	-0.39900E-02
212	4.2200001	-0.24867E-01	-0.44500E-02
213	4.2400001	-0.24676E-01	-0.95700E-02
214	4.2600001	-0.24477E-01	-0.99500E-02
215	4.2800001	-0.24177E-01	-0.15000E-01
216	4.3000001	-0.23815E-01	-0.18100E-01
217	4.3200001	-0.23447E-01	-0.18400E-01
218	4.3400001	-0.23073E-01	-0.18700E-01
219	4.3600001	-0.22685E-01	-0.19400E-01
220	4.3800001	-0.22285E-01	-0.20000E-01
221	4.4000001	-0.21865E-01	-0.21000E-01
222	4.4200001	-0.21425E-01	-0.22000E-01
223	4.4400001	-0.20965E-01	-0.23000E-01
224	4.4600001	-0.20467E-01	-0.24900E-01
225	4.4800001	-0.19975E-01	-0.24600E-01
226	4.5000001	-0.19491E-01	-0.24200E-01
227	4.5200001	-0.19015E-01	-0.23800E-01
228	4.5400001	-0.18547E-01	-0.23400E-01
229	4.5600001	-0.18085E-01	-0.23100E-01
230	4.5800001	-0.17631E-01	-0.22700E-01
231	4.6000001	-0.17187E-01	-0.22200E-01
232	4.6200001	-0.16745E-01	-0.22100E-01
233	4.6400001	-0.16305E-01	-0.22000E-01
234	4.6600001	-0.15867E-01	-0.21900E-01
235	4.6800001	-0.15431E-01	-0.21800E-01
236	4.7000001	-0.14997E-01	-0.21700E-01
237	4.7200001	-0.14565E-01	-0.21600E-01
238	4.7400001	-0.14137E-01	-0.21400E-01
239	4.7600001	-0.13713E-01	-0.21200E-01
240	4.7800001	-0.13293E-01	-0.21000E-01
241	4.8000001	-0.12877E-01	-0.20800E-01
242	4.8200001	-0.12463E-01	-0.20700E-01
243	4.8400001	-0.12055E-01	-0.20400E-01
244	4.8600001	-0.11653E-01	-0.20100E-01
245	4.8800001	-0.11279E-01	-0.18700E-01
246	4.9000001	-0.10919E-01	-0.18000E-01
247	4.9200001	-0.10579E-01	-0.17000E-01
248	4.9400001	-0.10257E-01	-0.16100E-01
249	4.9600001	-0.99530E-02	-0.15200E-01
250	4.9800001	-0.96550E-02	-0.14900E-01
251	5.0000001	-0.93570E-02	-0.14900E-01
252	5.0200001	-0.90590E-02	-0.14900E-01
253	5.0400001	-0.87650E-02	-0.14700E-01
254	5.0600001	-0.84750E-02	-0.14500E-01
255	5.0800001	-0.81870E-02	-0.14400E-01
256	5.1000001	-0.79050E-02	-0.14100E-01
257	5.1200001	-0.76290E-02	-0.13800E-01
258	5.1400001	-0.73570E-02	-0.13600E-01
259	5.1600001	-0.70910E-02	-0.13300E-01

260	5.18000001	-0.68290E-02	-0.13100E-01
261	5.20000001	-0.65710E-02	-0.12900E-01
262	5.22000001	-0.63190E-02	-0.12600E-01
263	5.24000001	-0.60710E-02	-0.12400E-01
264	5.26000001	-0.58330E-02	-0.11900E-01
265	5.28000001	-0.56030E-02	-0.11500E-01
266	5.30000001	-0.53810E-02	-0.11100E-01
267	5.32000001	-0.51670E-02	-0.10700E-01
268	5.34000001	-0.49610E-02	-0.10300E-01
269	5.36000001	-0.47624E-02	-0.99300E-02
270	5.38000001	-0.45684E-02	-0.97000E-02
271	5.40000001	-0.43754E-02	-0.96500E-02
272	5.42000001	-0.41834E-02	-0.96000E-02
273	5.44000001	-0.39926E-02	-0.95400E-02
274	5.46000001	-0.38028E-02	-0.94900E-02
275	5.48000001	-0.36142E-02	-0.94300E-02
276	5.50000001	-0.34266E-02	-0.93800E-02
277	5.52000001	-0.32402E-02	-0.93200E-02
278	5.54000001	-0.30548E-02	-0.92700E-02
279	5.56000001	-0.28706E-02	-0.92100E-02
280	5.58000001	-0.26874E-02	-0.91600E-02
281	5.60000001	-0.25052E-02	-0.91100E-02
282	5.62000001	-0.23252E-02	-0.90000E-02
283	5.64000001	-0.21472E-02	-0.89000E-02
284	5.66000001	-0.19714E-02	-0.87900E-02
285	5.68000001	-0.17976E-02	-0.86900E-02
286	5.70000001	-0.16280E-02	-0.84800E-02
287	5.72000001	-0.14626E-02	-0.82700E-02
288	5.74000001	-0.13014E-02	-0.80600E-02
289	5.76000001	-0.11444E-02	-0.78500E-02
290	5.78000001	-0.99161E-03	-0.76400E-02
291	5.80000001	-0.84301E-03	-0.74300E-02
292	5.82000001	-0.69861E-03	-0.72200E-02
293	5.84000001	-0.55841E-03	-0.70100E-02
294	5.86000001	-0.42161E-03	-0.68400E-02
295	5.88000001	-0.28981E-03	-0.65900E-02
296	5.90000001	-0.16301E-03	-0.63400E-02
297	5.92000001	-0.41205E-04	-0.60900E-02
298	5.94000001	0.75595E-04	-0.58400E-02
299	5.96000001	0.19079E-03	-0.57600E-02
300	5.98000001	0.30439E-03	-0.56800E-02
301	6.00000001	0.41639E-03	-0.56000E-02
302	6.02000001	0.52679E-03	-0.55200E-02
303	6.04000001	0.63559E-03	-0.54400E-02
304	6.06000001	0.74359E-03	-0.54000E-02
305	6.08000001	0.85079E-03	-0.53600E-02
306	6.10000001	0.95719E-03	-0.53200E-02
307	6.12000001	0.10628E-02	-0.52800E-02
308	6.14000001	0.11674E-02	-0.52300E-02
309	6.16000001	0.12634E-02	-0.48000E-02
310	6.18000001	0.13508E-02	-0.43700E-02
311	6.20000001	0.14296E-02	-0.39400E-02
312	6.22000001	0.15050E-02	-0.37700E-02
313	6.24000001	0.15744E-02	-0.34700E-02
314	6.26000001	0.16378E-02	-0.31700E-02
315	6.28000001	0.16952E-02	-0.28700E-02
316	6.30000001	0.17466E-02	-0.25700E-02
317	6.32000001	0.17920E-02	-0.22700E-02
318	6.34000001	0.18314E-02	-0.19700E-02
319	6.36000001	0.18648E-02	-0.16700E-02
320	6.38000001	0.18922E-02	-0.13700E-02
321	6.40000001	0.19186E-02	-0.13200E-02
322	6.42000001	0.19440E-02	-0.12700E-02
323	6.44000001	0.19684E-02	-0.12200E-02
324	6.46000001	0.19918E-02	-0.11700E-02
325	6.48000001	0.20142E-02	-0.11200E-02

326	6.5000001	0.20356E-02	-0.10700E-02
327	6.5200001	0.20566E-02	-0.10500E-02
328	6.5400001	0.20774E-02	-0.10400E-02
329	6.5600001	0.20980E-02	-0.10300E-02
330	6.5800001	0.21182E-02	-0.10100E-02
331	6.6000001	0.21382E-02	-0.10000E-02
332	6.6200001	0.21579E-02	-0.98700E-03
333	6.6400001	0.21774E-02	-0.97300E-03
334	6.6600001	0.21966E-02	-0.96000E-03
335	6.6800001	0.22155E-02	-0.94600E-03
336	6.7000001	0.22342E-02	-0.93200E-03
337	6.7200001	0.22525E-02	-0.91900E-03
338	6.7400001	0.22706E-02	-0.90500E-03
339	6.7600001	0.22885E-02	-0.89200E-03
340	6.7800001	0.23060E-02	-0.87800E-03
341	6.8000001	0.23233E-02	-0.86400E-03
342	6.8200001	0.23403E-02	-0.85100E-03
343	6.8400001	0.23571E-02	-0.83700E-03
344	6.8600001	0.23736E-02	-0.82400E-03
345	6.8800001	0.23898E-02	-0.81000E-03
346	6.9000001	0.24057E-02	-0.79600E-03
347	6.9200001	0.24213E-02	-0.78300E-03
348	6.9400001	0.24367E-02	-0.76900E-03
349	6.9600001	0.24518E-02	-0.75600E-03
350	6.9800001	0.24667E-02	-0.74200E-03
351	7.0000001	0.24812E-02	-0.72800E-03
352	7.0200001	0.24955E-02	-0.71500E-03
353	7.0400001	0.25096E-02	-0.70100E-03
354	7.0600001	0.25233E-02	-0.68800E-03
355	7.0800001	0.25368E-02	-0.67400E-03
356	7.1000001	0.25500E-02	-0.66000E-03
357	7.1200001	0.25629E-02	-0.64700E-03
358	7.1400001	0.25756E-02	-0.63300E-03
359	7.1600001	0.25880E-02	-0.62000E-03
360	7.1800001	0.26001E-02	-0.60600E-03
361	7.2000001	0.26120E-02	-0.59200E-03
362	7.2200001	0.26235E-02	-0.57900E-03
363	7.2400001	0.26348E-02	-0.56500E-03
364	7.2600001	0.26459E-02	-0.55200E-03
365	7.2800001	0.26566E-02	-0.53800E-03
366	7.3000001	0.26671E-02	-0.52400E-03
367	7.3200001	0.26773E-02	-0.51100E-03
368	7.3400001	0.26873E-02	-0.49700E-03
369	7.3600001	0.26970E-02	-0.48400E-03
370	7.3800001	0.27064E-02	-0.47000E-03
371	7.4000001	0.27155E-02	-0.45600E-03
372	7.4200001	0.27243E-02	-0.44300E-03
373	7.4400001	0.27329E-02	-0.42900E-03
374	7.4600001	0.27412E-02	-0.41600E-03
375	7.4800001	0.27493E-02	-0.40200E-03
376	7.5000001	0.27570E-02	-0.38800E-03
377	7.5200001	0.27645E-02	-0.37500E-03
378	7.5400001	0.27718E-02	-0.36100E-03
379	7.5600001	0.27787E-02	-0.34800E-03
380	7.5800001	0.27854E-02	-0.33400E-03
381	7.6000001	0.27918E-02	-0.32000E-03
382	7.6200001	0.27979E-02	-0.30700E-03
383	7.6400001	0.28038E-02	-0.29300E-03
384	7.6600001	0.28094E-02	-0.28000E-03
385	7.6800001	0.28147E-02	-0.26600E-03
386	7.7000001	0.28198E-02	-0.25200E-03
387	7.7200001	0.28245E-02	-0.23900E-03
388	7.7400001	0.28290E-02	-0.22500E-03
389	7.7600001	0.28334E-02	-0.21600E-03
390	7.7800001	0.28375E-02	-0.20600E-03
391	7.8000001	0.28414E-02	-0.19700E-03

392	7.8200001	0.28452E-02	-0.18700E-03
393	7.8400001	0.28487E-02	-0.17800E-03
394	7.8600001	0.28521E-02	-0.16800E-03
395	7.8800001	0.28553E-02	-0.15900E-03
396	7.9000001	0.28582E-02	-0.14900E-03
397	7.9200001	0.28610E-02	-0.14000E-03
398	7.9400001	0.28637E-02	-0.13100E-03
399	7.9600001	0.28661E-02	-0.12100E-03
400	7.9800001	0.28683E-02	-0.11200E-03
401	8.0000001	0.28704E-02	-0.10200E-03
402	8.0200001	0.28722E-02	-0.92700E-04
403	8.0400001	0.28739E-02	-0.83300E-04
404	8.0600001	0.28754E-02	-0.73800E-04
405	8.0800001	0.28766E-02	-0.64300E-04
406	8.1000001	0.28777E-02	-0.54900E-04
407	8.1200001	0.28786E-02	-0.45400E-04
408	8.1400001	0.28794E-02	-0.35900E-04
409	8.1600001	0.28799E-02	-0.26500E-04
410	8.1800001	0.28802E-02	-0.17000E-04
411	8.2000001	0.28804E-02	-0.75400E-05
412	8.2200001	0.28803E-02	0.19200E-05
413	8.2400001	0.28801E-02	0.11400E-04
414	8.2600001	0.28797E-02	0.20800E-04
415	8.2800001	0.28791E-02	0.30300E-04
416	8.3000001	0.28783E-02	0.39800E-04
417	8.3200001	0.28773E-02	0.49200E-04
418	8.3400001	0.28761E-02	0.58700E-04
419	8.3600001	0.28748E-02	0.68200E-04
420	8.3800001	0.28732E-02	0.77600E-04
421	8.4000001	0.28715E-02	0.87100E-04
422	8.4200001	0.28695E-02	0.96600E-04
423	8.4400001	0.28674E-02	0.10600E-03
424	8.4600001	0.28651E-02	0.11500E-03
425	8.4800001	0.28626E-02	0.12500E-03
426	8.5000001	0.28599E-02	0.13400E-03
427	8.5200001	0.28571E-02	0.14400E-03
428	8.5400001	0.28540E-02	0.15300E-03
429	8.5600001	0.28507E-02	0.16300E-03
430	8.5800001	0.28473E-02	0.17200E-03
431	8.6000001	0.28437E-02	0.18200E-03
432	8.6200001	0.28398E-02	0.19100E-03
433	8.6400001	0.28358E-02	0.20100E-03
434	8.6600001	0.28316E-02	0.21000E-03
435	8.6800001	0.28272E-02	0.22000E-03
436	8.7000001	0.28226E-02	0.22900E-03
437	8.7200001	0.28179E-02	0.23900E-03
438	8.7400001	0.28129E-02	0.24800E-03
439	8.7600001	0.28078E-02	0.25700E-03
440	8.7800001	0.28024E-02	0.26700E-03
441	8.8000001	0.27969E-02	0.27600E-03
442	8.8200001	0.27912E-02	0.28600E-03
443	8.8400001	0.27853E-02	0.29500E-03
444	8.8600001	0.27792E-02	0.30500E-03
445	8.8800001	0.27729E-02	0.31400E-03
446	8.9000001	0.27664E-02	0.32400E-03
447	8.9200001	0.27598E-02	0.33300E-03
448	8.9400001	0.27529E-02	0.34300E-03
449	8.9600001	0.27459E-02	0.35200E-03
450	8.9800001	0.27386E-02	0.36200E-03
451	9.0000001	0.27312E-02	0.37100E-03
452	9.0200001	0.27236E-02	0.38000E-03
453	9.0400001	0.27158E-02	0.39000E-03
454	9.0600001	0.27078E-02	0.39900E-03
455	9.0800001	0.26996E-02	0.40900E-03
456	9.1000001	0.26913E-02	0.41800E-03
457	9.1200001	0.26827E-02	0.42800E-03

458	9.1400001	0.26740E-02	0.43700E-03
459	9.1600001	0.26650E-02	0.44700E-03
460	9.1800001	0.26559E-02	0.45600E-03
461	9.2000001	0.26466E-02	0.46600E-03
462	9.2200001	0.26371E-02	0.47500E-03
463	9.2400001	0.26274E-02	0.48500E-03
464	9.2600001	0.26175E-02	0.49400E-03
465	9.2800001	0.26075E-02	0.50300E-03
466	9.3000001	0.25972E-02	0.51300E-03
467	9.3200001	0.25868E-02	0.52200E-03
468	9.3400001	0.25761E-02	0.53200E-03
469	9.3600001	0.25653E-02	0.54100E-03
470	9.3800001	0.25543E-02	0.55100E-03
471	9.4000001	0.25431E-02	0.56000E-03
472	9.4200001	0.25317E-02	0.57000E-03
473	9.4400001	0.25201E-02	0.57900E-03
474	9.4600001	0.25083E-02	0.58900E-03
475	9.4800001	0.24964E-02	0.59800E-03
476	9.5000001	0.24842E-02	0.60800E-03
477	9.5200001	0.24719E-02	0.61700E-03
478	9.5400001	0.24593E-02	0.62600E-03
479	9.5600001	0.24466E-02	0.63600E-03
480	9.5800001	0.24337E-02	0.64500E-03
481	9.6000001	0.24206E-02	0.65500E-03
482	9.6200001	0.24073E-02	0.66400E-03
483	9.6400001	0.23939E-02	0.67400E-03
484	9.6600001	0.23802E-02	0.68300E-03
485	9.6800001	0.23663E-02	0.69300E-03
486	9.7000001	0.23523E-02	0.70200E-03
487	9.7200001	0.23381E-02	0.71200E-03
488	9.7400001	0.23236E-02	0.72100E-03
489	9.7600001	0.23090E-02	0.73100E-03
490	9.7800001	0.22942E-02	0.74000E-03
491	9.8000001	0.22792E-02	0.75000E-03
492	9.8200001	0.22640E-02	0.75900E-03
493	9.8400001	0.22487E-02	0.76800E-03
494	9.8600001	0.22331E-02	0.77800E-03
495	9.8800001	0.22174E-02	0.78700E-03
496	9.9000001	0.22014E-02	0.79700E-03
497	9.9200001	0.21853E-02	0.80600E-03
498	9.9400001	0.21690E-02	0.81600E-03
499	9.9600001	0.21525E-02	0.82500E-03
500	9.9800001	0.21358E-02	0.83500E-03
501	10.0000001	0.21189E-02	0.84400E-03
502	10.0200001	0.21018E-02	0.85400E-03
503	10.0400001	0.20846E-02	0.86300E-03
504	10.0600001	0.20671E-02	0.87300E-03
505	10.0800001	0.20495E-02	0.88200E-03
506	10.1000001	0.20317E-02	0.89100E-03
507	10.1200001	0.20136E-02	0.90100E-03
508	10.1400001	0.19954E-02	0.91000E-03
509	10.1600001	0.19770E-02	0.92000E-03
510	10.1800001	0.19585E-02	0.92900E-03
511	10.2000001	0.19397E-02	0.93900E-03
512	10.2200001	0.19207E-02	0.94800E-03
513	10.2400001	0.19016E-02	0.95800E-03
514	10.2600001	0.18822E-02	0.96700E-03
515	10.2800001	0.18627E-02	0.97700E-03
516	10.3000001	0.18430E-02	0.98600E-03
517	10.3200001	0.18230E-02	0.99600E-03
518	10.3400001	0.18028E-02	0.10100E-02
519	10.3600001	0.17826E-02	0.10100E-02
520	10.3800001	0.17622E-02	0.10200E-02
521	10.4000001	0.17416E-02	0.10300E-02
522	10.4200001	0.17208E-02	0.10400E-02
523	10.4400001	0.16998E-02	0.10500E-02

524	10.4600001	0.16786E-02	0.10600E-02
525	10.4800001	0.16572E-02	0.10700E-02
526	10.5000001	0.16356E-02	0.10800E-02
527	10.5200001	0.16138E-02	0.10900E-02
528	10.5400001	0.15918E-02	0.11000E-02
529	10.5600001	0.15696E-02	0.11100E-02
530	10.5800001	0.15472E-02	0.11200E-02
531	10.6000001	0.15246E-02	0.11300E-02
532	10.6200001	0.15018E-02	0.11400E-02
533	10.6400001	0.14788E-02	0.11500E-02
534	10.6600001	0.14556E-02	0.11600E-02
535	10.6800001	0.14322E-02	0.11700E-02
536	10.7000001	0.14086E-02	0.11800E-02
537	10.7200001	0.13850E-02	0.11800E-02
538	10.7400001	0.13612E-02	0.11900E-02
539	10.7600001	0.13372E-02	0.12000E-02
540	10.7800001	0.13130E-02	0.12100E-02
541	10.8000001	0.12886E-02	0.12200E-02
542	10.8200001	0.12640E-02	0.12300E-02
543	10.8400001	0.12392E-02	0.12400E-02
544	10.8600001	0.12142E-02	0.12500E-02
545	10.8800001	0.11890E-02	0.12600E-02
546	10.9000001	0.11636E-02	0.12700E-02
547	10.9200001	0.11380E-02	0.12800E-02
548	10.9400001	0.11122E-02	0.12900E-02
549	10.9600001	0.10862E-02	0.13000E-02
550	10.9800001	0.10600E-02	0.13100E-02
551	11.0000001	0.10336E-02	0.13200E-02
552	11.0200001	0.10070E-02	0.13300E-02
553	11.0400001	0.98025E-03	0.13400E-02
554	11.0600001	0.95325E-03	0.13500E-02
555	11.0800001	0.92605E-03	0.13600E-02
556	11.1000001	0.89885E-03	0.13600E-02
557	11.1200001	0.87145E-03	0.13700E-02
558	11.1400001	0.84385E-03	0.13800E-02
559	11.1600001	0.81605E-03	0.13900E-02
560	11.1800001	0.78805E-03	0.14000E-02
561	11.2000001	0.75985E-03	0.14100E-02
562	11.2200001	0.73145E-03	0.14200E-02
563	11.2400001	0.70285E-03	0.14300E-02
564	11.2600001	0.67405E-03	0.14400E-02
565	11.2800001	0.64505E-03	0.14500E-02
566	11.3000001	0.61605E-03	0.14500E-02
567	11.3200001	0.58705E-03	0.14500E-02
568	11.3400001	0.55805E-03	0.14500E-02
569	11.3600001	0.52885E-03	0.14600E-02
570	11.3800001	0.49965E-03	0.14600E-02
571	11.4000001	0.47045E-03	0.14600E-02
572	11.4200001	0.44125E-03	0.14600E-02
573	11.4400001	0.41205E-03	0.14600E-02
574	11.4600001	0.38285E-03	0.14600E-02
575	11.4800001	0.35365E-03	0.14600E-02
576	11.5000001	0.32425E-03	0.14700E-02
577	11.5200001	0.29485E-03	0.14700E-02
578	11.5400001	0.26545E-03	0.14700E-02
579	11.5600001	0.23605E-03	0.14700E-02
580	11.5800001	0.20665E-03	0.14700E-02
581	11.6000001	0.17725E-03	0.14700E-02
582	11.6200001	0.14785E-03	0.14700E-02
583	11.6400001	0.11845E-03	0.14700E-02
584	11.6600001	0.88849E-04	0.14800E-02
585	11.6800001	0.59249E-04	0.14800E-02
586	11.7000001	0.29649E-04	0.14800E-02
587	11.7200001	0.48999E-07	0.14800E-02
588	11.7400001	-0.29551E-04	0.14800E-02
589	11.7600001	-0.29551E-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