

Tabulated potential for N1-NN

N1-NN

N 600 R 0.0000001 11.9800001

1	0.0000001	0.26983E+05	0.19000E+05
2	0.0200001	0.26607E+05	0.18800E+05
3	0.0400001	0.26233E+05	0.18700E+05
4	0.0600001	0.25861E+05	0.18600E+05
5	0.0800001	0.25493E+05	0.18400E+05
6	0.1000001	0.25127E+05	0.18300E+05
7	0.1200001	0.24763E+05	0.18200E+05
8	0.1400001	0.24403E+05	0.18000E+05
9	0.1600001	0.24045E+05	0.17900E+05
10	0.1800001	0.23689E+05	0.17800E+05
11	0.2000001	0.23335E+05	0.17700E+05
12	0.2200001	0.22985E+05	0.17500E+05
13	0.2400001	0.22637E+05	0.17400E+05
14	0.2600001	0.22291E+05	0.17300E+05
15	0.2800001	0.21949E+05	0.17100E+05
16	0.3000001	0.21609E+05	0.17000E+05
17	0.3200001	0.21271E+05	0.16900E+05
18	0.3400001	0.20937E+05	0.16700E+05
19	0.3600001	0.20605E+05	0.16600E+05
20	0.3800001	0.20275E+05	0.16500E+05
21	0.4000001	0.19949E+05	0.16300E+05
22	0.4200001	0.19625E+05	0.16200E+05
23	0.4400001	0.19303E+05	0.16100E+05
24	0.4600001	0.18985E+05	0.15900E+05
25	0.4800001	0.18669E+05	0.15800E+05
26	0.5000001	0.18355E+05	0.15700E+05
27	0.5200001	0.18045E+05	0.15500E+05
28	0.5400001	0.17737E+05	0.15400E+05
29	0.5600001	0.17431E+05	0.15300E+05
30	0.5800001	0.17129E+05	0.15100E+05
31	0.6000001	0.16829E+05	0.15000E+05
32	0.6200001	0.16531E+05	0.14900E+05
33	0.6400001	0.16237E+05	0.14700E+05
34	0.6600001	0.15945E+05	0.14600E+05
35	0.6800001	0.15655E+05	0.14500E+05
36	0.7000001	0.15369E+05	0.14300E+05
37	0.7200001	0.15085E+05	0.14200E+05
38	0.7400001	0.14803E+05	0.14100E+05
39	0.7600001	0.14525E+05	0.13900E+05
40	0.7800001	0.14249E+05	0.13800E+05
41	0.8000001	0.13975E+05	0.13700E+05
42	0.8200001	0.13705E+05	0.13500E+05
43	0.8400001	0.13437E+05	0.13400E+05
44	0.8600001	0.13171E+05	0.13300E+05
45	0.8800001	0.12909E+05	0.13100E+05
46	0.9000001	0.12649E+05	0.13000E+05
47	0.9200001	0.12391E+05	0.12900E+05
48	0.9400001	0.12137E+05	0.12700E+05
49	0.9600001	0.11885E+05	0.12600E+05
50	0.9800001	0.11635E+05	0.12500E+05
51	1.0000001	0.11389E+05	0.12300E+05
52	1.0200001	0.11145E+05	0.12200E+05
53	1.0400001	0.10903E+05	0.12100E+05
54	1.0600001	0.10665E+05	0.11900E+05
55	1.0800001	0.10429E+05	0.11800E+05
56	1.1000001	0.10195E+05	0.11700E+05
57	1.1200001	0.99654E+04	0.11500E+05
58	1.1400001	0.97374E+04	0.11400E+05
59	1.1600001	0.95114E+04	0.11300E+05
60	1.1800001	0.92894E+04	0.11100E+05
61	1.2000001	0.90694E+04	0.11000E+05

62	1.2200001	0.88514E+04	0.10900E+05
63	1.2400001	0.86354E+04	0.10800E+05
64	1.2600001	0.84234E+04	0.10600E+05
65	1.2800001	0.82134E+04	0.10500E+05
66	1.3000001	0.80054E+04	0.10400E+05
67	1.3200001	0.78014E+04	0.10200E+05
68	1.3400001	0.75994E+04	0.10100E+05
69	1.3600001	0.74004E+04	0.99500E+04
70	1.3800001	0.72040E+04	0.98200E+04
71	1.4000001	0.70102E+04	0.96900E+04
72	1.4200001	0.68190E+04	0.95600E+04
73	1.4400001	0.66306E+04	0.94200E+04
74	1.4600001	0.64448E+04	0.92900E+04
75	1.4800001	0.62616E+04	0.91600E+04
76	1.5000001	0.60810E+04	0.90300E+04
77	1.5200001	0.59032E+04	0.88900E+04
78	1.5400001	0.57280E+04	0.87600E+04
79	1.5600001	0.55554E+04	0.86300E+04
80	1.5800001	0.53856E+04	0.84900E+04
81	1.6000001	0.52184E+04	0.83600E+04
82	1.6200001	0.50538E+04	0.82300E+04
83	1.6400001	0.48918E+04	0.81000E+04
84	1.6600001	0.47326E+04	0.79600E+04
85	1.6800001	0.45760E+04	0.78300E+04
86	1.7000001	0.44220E+04	0.77000E+04
87	1.7200001	0.42706E+04	0.75700E+04
88	1.7400001	0.41220E+04	0.74300E+04
89	1.7600001	0.39760E+04	0.73000E+04
90	1.7800001	0.38326E+04	0.71700E+04
91	1.8000001	0.36918E+04	0.70400E+04
92	1.8200001	0.35538E+04	0.69000E+04
93	1.8400001	0.34184E+04	0.67700E+04
94	1.8600001	0.32856E+04	0.66400E+04
95	1.8800001	0.31556E+04	0.65000E+04
96	1.9000001	0.30282E+04	0.63700E+04
97	1.9200001	0.29034E+04	0.62400E+04
98	1.9400001	0.27812E+04	0.61100E+04
99	1.9600001	0.26618E+04	0.59700E+04
100	1.9800001	0.25450E+04	0.58400E+04
101	2.0000001	0.24308E+04	0.57100E+04
102	2.0200001	0.23192E+04	0.55800E+04
103	2.0400001	0.22104E+04	0.54400E+04
104	2.0600001	0.21042E+04	0.53100E+04
105	2.0800001	0.20006E+04	0.51800E+04
106	2.1000001	0.18998E+04	0.50400E+04
107	2.1200001	0.18016E+04	0.49100E+04
108	2.1400001	0.17060E+04	0.47800E+04
109	2.1600001	0.16130E+04	0.46500E+04
110	2.1800001	0.15228E+04	0.45100E+04
111	2.2000001	0.14352E+04	0.43800E+04
112	2.2200001	0.13502E+04	0.42500E+04
113	2.2400001	0.12678E+04	0.41200E+04
114	2.2600001	0.11882E+04	0.39800E+04
115	2.2800001	0.11112E+04	0.38500E+04
116	2.3000001	0.10368E+04	0.37200E+04
117	2.3200001	0.96496E+03	0.35900E+04
118	2.3400001	0.89596E+03	0.34500E+04
119	2.3600001	0.82956E+03	0.33200E+04
120	2.3800001	0.76576E+03	0.31900E+04
121	2.4000001	0.70476E+03	0.30500E+04
122	2.4200001	0.64636E+03	0.29200E+04
123	2.4400001	0.59056E+03	0.27900E+04
124	2.4600001	0.53736E+03	0.26600E+04
125	2.4800001	0.48696E+03	0.25200E+04
126	2.5000001	0.43916E+03	0.23900E+04
127	2.5200001	0.39396E+03	0.22600E+04

128	2.5400001	0.35136E+03	0.21300E+04
129	2.5600001	0.31156E+03	0.19900E+04
130	2.5800001	0.27436E+03	0.18600E+04
131	2.6000001	0.23976E+03	0.17300E+04
132	2.6200001	0.20796E+03	0.15900E+04
133	2.6400001	0.17876E+03	0.14600E+04
134	2.6600001	0.15216E+03	0.13300E+04
135	2.6800001	0.12816E+03	0.12000E+04
136	2.7000001	0.10696E+03	0.10600E+04
137	2.7200001	0.88338E+02	0.93100E+03
138	2.7400001	0.72378E+02	0.79800E+03
139	2.7600001	0.59058E+02	0.66600E+03
140	2.7800001	0.48398E+02	0.53300E+03
141	2.8000001	0.39818E+02	0.42900E+03
142	2.8200001	0.32898E+02	0.34600E+03
143	2.8400001	0.27278E+02	0.28100E+03
144	2.8600001	0.22698E+02	0.22900E+03
145	2.8800001	0.18938E+02	0.18800E+03
146	2.9000001	0.15858E+02	0.15400E+03
147	2.9200001	0.13318E+02	0.12700E+03
148	2.9400001	0.11218E+02	0.10500E+03
149	2.9600001	0.94722E+01	0.87300E+02
150	2.9800001	0.80182E+01	0.72700E+02
151	3.0000001	0.68022E+01	0.60800E+02
152	3.0200001	0.57842E+01	0.50900E+02
153	3.0400001	0.49282E+01	0.42800E+02
154	3.0600001	0.42062E+01	0.36100E+02
155	3.0800001	0.35962E+01	0.30500E+02
156	3.1000001	0.30802E+01	0.25800E+02
157	3.1200001	0.26422E+01	0.21900E+02
158	3.1400001	0.22682E+01	0.18700E+02
159	3.1600001	0.19502E+01	0.15900E+02
160	3.1800001	0.16782E+01	0.13600E+02
161	3.2000001	0.14442E+01	0.11700E+02
162	3.2200001	0.12442E+01	0.10000E+02
163	3.2400001	0.10720E+01	0.86100E+01
164	3.2600001	0.92357E+00	0.74200E+01
165	3.2800001	0.79557E+00	0.64000E+01
166	3.3000001	0.68497E+00	0.55300E+01
167	3.3200001	0.58937E+00	0.47800E+01
168	3.3400001	0.50637E+00	0.41500E+01
169	3.3600001	0.43437E+00	0.36000E+01
170	3.3800001	0.37197E+00	0.31200E+01
171	3.4000001	0.31757E+00	0.27200E+01
172	3.4200001	0.27017E+00	0.23700E+01
173	3.4400001	0.22877E+00	0.20700E+01
174	3.4600001	0.19277E+00	0.18000E+01
175	3.4800001	0.16137E+00	0.15700E+01
176	3.5000001	0.13397E+00	0.13700E+01
177	3.5200001	0.10997E+00	0.12000E+01
178	3.5400001	0.89172E-01	0.10400E+01
179	3.5600001	0.70892E-01	0.91400E+00
180	3.5800001	0.54832E-01	0.80300E+00
181	3.6000001	0.41012E-01	0.69100E+00
182	3.6200001	0.28792E-01	0.61100E+00
183	3.6400001	0.18132E-01	0.53300E+00
184	3.6600001	0.88521E-02	0.46400E+00
185	3.6800001	0.77213E-03	0.40400E+00
186	3.7000001	-0.62479E-02	0.35100E+00
187	3.7200001	-0.12428E-01	0.30900E+00
188	3.7400001	-0.17688E-01	0.26300E+00
189	3.7600001	-0.22228E-01	0.22700E+00
190	3.7800001	-0.26228E-01	0.20000E+00
191	3.8000001	-0.29668E-01	0.17200E+00
192	3.8200001	-0.32508E-01	0.14200E+00
193	3.8400001	-0.35028E-01	0.12600E+00

194	3.86000001	-0.37168E-01	0.10700E+00
195	3.88000001	-0.38868E-01	0.85000E-01
196	3.90000001	-0.40374E-01	0.75300E-01
197	3.92000001	-0.41622E-01	0.62400E-01
198	3.94000001	-0.42546E-01	0.46200E-01
199	3.96000001	-0.43274E-01	0.36400E-01
200	3.98000001	-0.43932E-01	0.32900E-01
201	4.00000001	-0.44342E-01	0.20500E-01
202	4.02000001	-0.44624E-01	0.14100E-01
203	4.04000001	-0.44898E-01	0.13700E-01
204	4.06000001	-0.44979E-01	0.40700E-02
205	4.08000001	-0.44981E-01	0.68700E-04
206	4.10000001	-0.44817E-01	-0.81800E-02
207	4.12000001	-0.44654E-01	-0.81400E-02
208	4.14000001	-0.44492E-01	-0.81000E-02
209	4.16000001	-0.44196E-01	-0.14800E-01
210	4.18000001	-0.43874E-01	-0.16100E-01
211	4.20000001	-0.43534E-01	-0.17000E-01
212	4.22000001	-0.43082E-01	-0.22600E-01
213	4.24000001	-0.42626E-01	-0.22800E-01
214	4.26000001	-0.42170E-01	-0.22800E-01
215	4.28000001	-0.41694E-01	-0.23800E-01
216	4.30000001	-0.41192E-01	-0.25100E-01
217	4.32000001	-0.40664E-01	-0.26400E-01
218	4.34000001	-0.40116E-01	-0.27400E-01
219	4.36000001	-0.39548E-01	-0.28400E-01
220	4.38000001	-0.38960E-01	-0.29400E-01
221	4.40000001	-0.38352E-01	-0.30400E-01
222	4.42000001	-0.37744E-01	-0.30400E-01
223	4.44000001	-0.37146E-01	-0.29900E-01
224	4.46000001	-0.36558E-01	-0.29400E-01
225	4.48000001	-0.35978E-01	-0.29000E-01
226	4.50000001	-0.35410E-01	-0.28400E-01
227	4.52000001	-0.34846E-01	-0.28200E-01
228	4.54000001	-0.34284E-01	-0.28100E-01
229	4.56000001	-0.33726E-01	-0.27900E-01
230	4.58000001	-0.33170E-01	-0.27800E-01
231	4.60000001	-0.32616E-01	-0.27700E-01
232	4.62000001	-0.32076E-01	-0.27000E-01
233	4.64000001	-0.31542E-01	-0.26700E-01
234	4.66000001	-0.31032E-01	-0.25500E-01
235	4.68000001	-0.30524E-01	-0.25400E-01
236	4.70000001	-0.30016E-01	-0.25400E-01
237	4.72000001	-0.29508E-01	-0.25400E-01
238	4.74000001	-0.29002E-01	-0.25300E-01
239	4.76000001	-0.28548E-01	-0.22700E-01
240	4.78000001	-0.28098E-01	-0.22500E-01
241	4.80000001	-0.27652E-01	-0.22300E-01
242	4.82000001	-0.27212E-01	-0.22000E-01
243	4.84000001	-0.26778E-01	-0.21700E-01
244	4.86000001	-0.26344E-01	-0.21700E-01
245	4.88000001	-0.25910E-01	-0.21700E-01
246	4.90000001	-0.25476E-01	-0.21700E-01
247	4.92000001	-0.25042E-01	-0.21700E-01
248	4.94000001	-0.24608E-01	-0.21700E-01
249	4.96000001	-0.24174E-01	-0.21700E-01
250	4.98000001	-0.23744E-01	-0.21500E-01
251	5.00000001	-0.23324E-01	-0.21000E-01
252	5.02000001	-0.22914E-01	-0.20500E-01
253	5.04000001	-0.22510E-01	-0.20200E-01
254	5.06000001	-0.22112E-01	-0.19900E-01
255	5.08000001	-0.21718E-01	-0.19700E-01
256	5.10000001	-0.21330E-01	-0.19400E-01
257	5.12000001	-0.20948E-01	-0.19100E-01
258	5.14000001	-0.20572E-01	-0.18800E-01
259	5.16000001	-0.20220E-01	-0.17600E-01

260	5.18000001	-0.19892E-01	-0.16400E-01
261	5.20000001	-0.19568E-01	-0.16200E-01
262	5.22000001	-0.19248E-01	-0.16000E-01
263	5.24000001	-0.18930E-01	-0.15900E-01
264	5.26000001	-0.18616E-01	-0.15700E-01
265	5.28000001	-0.18306E-01	-0.15500E-01
266	5.30000001	-0.17998E-01	-0.15400E-01
267	5.32000001	-0.17694E-01	-0.15200E-01
268	5.34000001	-0.17394E-01	-0.15000E-01
269	5.36000001	-0.17096E-01	-0.14900E-01
270	5.38000001	-0.16802E-01	-0.14700E-01
271	5.40000001	-0.16510E-01	-0.14600E-01
272	5.42000001	-0.16224E-01	-0.14300E-01
273	5.44000001	-0.15942E-01	-0.14100E-01
274	5.46000001	-0.15666E-01	-0.13800E-01
275	5.48000001	-0.15396E-01	-0.13500E-01
276	5.50000001	-0.15130E-01	-0.13300E-01
277	5.52000001	-0.14870E-01	-0.13000E-01
278	5.54000001	-0.14616E-01	-0.12700E-01
279	5.56000001	-0.14366E-01	-0.12500E-01
280	5.58000001	-0.14122E-01	-0.12200E-01
281	5.60000001	-0.13884E-01	-0.11900E-01
282	5.62000001	-0.13648E-01	-0.11800E-01
283	5.64000001	-0.13416E-01	-0.11600E-01
284	5.66000001	-0.13188E-01	-0.11400E-01
285	5.68000001	-0.12964E-01	-0.11200E-01
286	5.70000001	-0.12764E-01	-0.10000E-01
287	5.72000001	-0.12582E-01	-0.91100E-02
288	5.74000001	-0.12404E-01	-0.89000E-02
289	5.76000001	-0.12230E-01	-0.86900E-02
290	5.78000001	-0.12063E-01	-0.83400E-02
291	5.80000001	-0.11899E-01	-0.82400E-02
292	5.82000001	-0.11736E-01	-0.81400E-02
293	5.84000001	-0.11575E-01	-0.80400E-02
294	5.86000001	-0.11416E-01	-0.79400E-02
295	5.88000001	-0.11259E-01	-0.78400E-02
296	5.90000001	-0.11105E-01	-0.77400E-02
297	5.92000001	-0.10952E-01	-0.76400E-02
298	5.94000001	-0.10802E-01	-0.74800E-02
299	5.96000001	-0.10656E-01	-0.73200E-02
300	5.98000001	-0.10513E-01	-0.71600E-02
301	6.00000001	-0.10373E-01	-0.70000E-02
302	6.02000001	-0.10236E-01	-0.68500E-02
303	6.04000001	-0.10102E-01	-0.66900E-02
304	6.06000001	-0.99684E-02	-0.66700E-02
305	6.08000001	-0.98362E-02	-0.66100E-02
306	6.10000001	-0.97052E-02	-0.65500E-02
307	6.12000001	-0.95754E-02	-0.64900E-02
308	6.14000001	-0.94468E-02	-0.64300E-02
309	6.16000001	-0.93194E-02	-0.63700E-02
310	6.18000001	-0.91930E-02	-0.63200E-02
311	6.20000001	-0.90678E-02	-0.62600E-02
312	6.22000001	-0.89436E-02	-0.62100E-02
313	6.24000001	-0.88214E-02	-0.61100E-02
314	6.26000001	-0.87012E-02	-0.60100E-02
315	6.28000001	-0.85830E-02	-0.59100E-02
316	6.30000001	-0.84682E-02	-0.57400E-02
317	6.32000001	-0.83564E-02	-0.55900E-02
318	6.34000001	-0.82476E-02	-0.54400E-02
319	6.36000001	-0.81418E-02	-0.52900E-02
320	6.38000001	-0.80394E-02	-0.51200E-02
321	6.40000001	-0.79380E-02	-0.50700E-02
322	6.42000001	-0.78376E-02	-0.50200E-02
323	6.44000001	-0.77382E-02	-0.49700E-02
324	6.46000001	-0.76398E-02	-0.49200E-02
325	6.48000001	-0.75424E-02	-0.48700E-02

326	6.5000001	-0.74460E-02	-0.48200E-02
327	6.5200001	-0.73506E-02	-0.47700E-02
328	6.5400001	-0.72562E-02	-0.47200E-02
329	6.5600001	-0.71628E-02	-0.46700E-02
330	6.5800001	-0.70704E-02	-0.46200E-02
331	6.6000001	-0.69790E-02	-0.45700E-02
332	6.6200001	-0.68886E-02	-0.45200E-02
333	6.6400001	-0.67992E-02	-0.44700E-02
334	6.6600001	-0.67116E-02	-0.43800E-02
335	6.6800001	-0.66254E-02	-0.43100E-02
336	6.7000001	-0.65406E-02	-0.42400E-02
337	6.7200001	-0.64572E-02	-0.41700E-02
338	6.7400001	-0.63752E-02	-0.41000E-02
339	6.7600001	-0.62946E-02	-0.40300E-02
340	6.7800001	-0.62154E-02	-0.39600E-02
341	6.8000001	-0.61376E-02	-0.38900E-02
342	6.8200001	-0.60612E-02	-0.38200E-02
343	6.8400001	-0.59862E-02	-0.37500E-02
344	6.8600001	-0.59136E-02	-0.36300E-02
345	6.8800001	-0.58440E-02	-0.34800E-02
346	6.9000001	-0.57772E-02	-0.33400E-02
347	6.9200001	-0.57134E-02	-0.31900E-02
348	6.9400001	-0.56524E-02	-0.30500E-02
349	6.9600001	-0.55930E-02	-0.29700E-02
350	6.9800001	-0.55340E-02	-0.29500E-02
351	7.0000001	-0.54754E-02	-0.29300E-02
352	7.0200001	-0.54172E-02	-0.29100E-02
353	7.0400001	-0.53594E-02	-0.28900E-02
354	7.0600001	-0.53020E-02	-0.28700E-02
355	7.0800001	-0.52450E-02	-0.28500E-02
356	7.1000001	-0.51884E-02	-0.28300E-02
357	7.1200001	-0.51322E-02	-0.28100E-02
358	7.1400001	-0.50764E-02	-0.27900E-02
359	7.1600001	-0.50210E-02	-0.27700E-02
360	7.1800001	-0.49658E-02	-0.27600E-02
361	7.2000001	-0.49108E-02	-0.27500E-02
362	7.2200001	-0.48562E-02	-0.27300E-02
363	7.2400001	-0.48020E-02	-0.27100E-02
364	7.2600001	-0.47482E-02	-0.26900E-02
365	7.2800001	-0.46948E-02	-0.26700E-02
366	7.3000001	-0.46416E-02	-0.26600E-02
367	7.3200001	-0.45888E-02	-0.26400E-02
368	7.3400001	-0.45364E-02	-0.26200E-02
369	7.3600001	-0.44844E-02	-0.26000E-02
370	7.3800001	-0.44328E-02	-0.25800E-02
371	7.4000001	-0.43816E-02	-0.25600E-02
372	7.4200001	-0.43308E-02	-0.25400E-02
373	7.4400001	-0.42802E-02	-0.25300E-02
374	7.4600001	-0.42300E-02	-0.25100E-02
375	7.4800001	-0.41802E-02	-0.24900E-02
376	7.5000001	-0.41308E-02	-0.24700E-02
377	7.5200001	-0.40818E-02	-0.24500E-02
378	7.5400001	-0.40332E-02	-0.24300E-02
379	7.5600001	-0.39850E-02	-0.24100E-02
380	7.5800001	-0.39370E-02	-0.24000E-02
381	7.6000001	-0.38894E-02	-0.23800E-02
382	7.6200001	-0.38422E-02	-0.23600E-02
383	7.6400001	-0.37954E-02	-0.23400E-02
384	7.6600001	-0.37490E-02	-0.23200E-02
385	7.6800001	-0.37030E-02	-0.23000E-02
386	7.7000001	-0.36572E-02	-0.22900E-02
387	7.7200001	-0.36118E-02	-0.22700E-02
388	7.7400001	-0.35668E-02	-0.22500E-02
389	7.7600001	-0.35222E-02	-0.22300E-02
390	7.7800001	-0.34780E-02	-0.22100E-02
391	7.8000001	-0.34342E-02	-0.21900E-02

392	7.8200001	-0.33908E-02	-0.21700E-02
393	7.8400001	-0.33476E-02	-0.21600E-02
394	7.8600001	-0.33048E-02	-0.21400E-02
395	7.8800001	-0.32624E-02	-0.21200E-02
396	7.9000001	-0.32204E-02	-0.21000E-02
397	7.9200001	-0.31788E-02	-0.20800E-02
398	7.9400001	-0.31376E-02	-0.20600E-02
399	7.9600001	-0.30968E-02	-0.20400E-02
400	7.9800001	-0.30562E-02	-0.20300E-02
401	8.0000001	-0.30160E-02	-0.20100E-02
402	8.0200001	-0.29762E-02	-0.19900E-02
403	8.0400001	-0.29368E-02	-0.19700E-02
404	8.0600001	-0.28978E-02	-0.19500E-02
405	8.0800001	-0.28592E-02	-0.19300E-02
406	8.1000001	-0.28210E-02	-0.19100E-02
407	8.1200001	-0.27830E-02	-0.19000E-02
408	8.1400001	-0.27454E-02	-0.18800E-02
409	8.1600001	-0.27082E-02	-0.18600E-02
410	8.1800001	-0.26714E-02	-0.18400E-02
411	8.2000001	-0.26350E-02	-0.18200E-02
412	8.2200001	-0.25990E-02	-0.18000E-02
413	8.2400001	-0.25632E-02	-0.17900E-02
414	8.2600001	-0.25278E-02	-0.17700E-02
415	8.2800001	-0.24928E-02	-0.17500E-02
416	8.3000001	-0.24582E-02	-0.17300E-02
417	8.3200001	-0.24240E-02	-0.17100E-02
418	8.3400001	-0.23902E-02	-0.16900E-02
419	8.3600001	-0.23568E-02	-0.16700E-02
420	8.3800001	-0.23236E-02	-0.16600E-02
421	8.4000001	-0.22908E-02	-0.16400E-02
422	8.4200001	-0.22584E-02	-0.16200E-02
423	8.4400001	-0.22264E-02	-0.16000E-02
424	8.4600001	-0.21948E-02	-0.15800E-02
425	8.4800001	-0.21636E-02	-0.15600E-02
426	8.5000001	-0.21328E-02	-0.15400E-02
427	8.5200001	-0.21022E-02	-0.15300E-02
428	8.5400001	-0.20720E-02	-0.15100E-02
429	8.5600001	-0.20422E-02	-0.14900E-02
430	8.5800001	-0.20128E-02	-0.14700E-02
431	8.6000001	-0.19838E-02	-0.14500E-02
432	8.6200001	-0.19552E-02	-0.14300E-02
433	8.6400001	-0.19268E-02	-0.14200E-02
434	8.6600001	-0.18988E-02	-0.14000E-02
435	8.6800001	-0.18712E-02	-0.13800E-02
436	8.7000001	-0.18440E-02	-0.13600E-02
437	8.7200001	-0.18172E-02	-0.13400E-02
438	8.7400001	-0.17908E-02	-0.13200E-02
439	8.7600001	-0.17648E-02	-0.13000E-02
440	8.7800001	-0.17390E-02	-0.12900E-02
441	8.8000001	-0.17136E-02	-0.12700E-02
442	8.8200001	-0.16886E-02	-0.12500E-02
443	8.8400001	-0.16640E-02	-0.12300E-02
444	8.8600001	-0.16398E-02	-0.12100E-02
445	8.8800001	-0.16160E-02	-0.11900E-02
446	8.9000001	-0.15926E-02	-0.11700E-02
447	8.9200001	-0.15694E-02	-0.11600E-02
448	8.9400001	-0.15466E-02	-0.11400E-02
449	8.9600001	-0.15242E-02	-0.11200E-02
450	8.9800001	-0.15022E-02	-0.11000E-02
451	9.0000001	-0.14806E-02	-0.10800E-02
452	9.0200001	-0.14594E-02	-0.10600E-02
453	9.0400001	-0.14384E-02	-0.10500E-02
454	9.0600001	-0.14178E-02	-0.10300E-02
455	9.0800001	-0.13976E-02	-0.10100E-02
456	9.1000001	-0.13778E-02	-0.99000E-03
457	9.1200001	-0.13584E-02	-0.97100E-03

458	9.14000001	-0.13394E-02	-0.95300E-03
459	9.16000001	-0.13207E-02	-0.93400E-03
460	9.18000001	-0.13024E-02	-0.91600E-03
461	9.20000001	-0.12844E-02	-0.89700E-03
462	9.22000001	-0.12668E-02	-0.87900E-03
463	9.24000001	-0.12496E-02	-0.86000E-03
464	9.26000001	-0.12328E-02	-0.84200E-03
465	9.28000001	-0.12163E-02	-0.82300E-03
466	9.30000001	-0.12002E-02	-0.80500E-03
467	9.32000001	-0.11845E-02	-0.78600E-03
468	9.34000001	-0.11698E-02	-0.73500E-03
469	9.36000001	-0.11552E-02	-0.73000E-03
470	9.38000001	-0.11407E-02	-0.72500E-03
471	9.40000001	-0.11263E-02	-0.72100E-03
472	9.42000001	-0.11120E-02	-0.71600E-03
473	9.44000001	-0.10977E-02	-0.71200E-03
474	9.46000001	-0.10836E-02	-0.70700E-03
475	9.48000001	-0.10696E-02	-0.70200E-03
476	9.50000001	-0.10556E-02	-0.69800E-03
477	9.52000001	-0.10417E-02	-0.69300E-03
478	9.54000001	-0.10280E-02	-0.68800E-03
479	9.56000001	-0.10143E-02	-0.68400E-03
480	9.58000001	-0.10007E-02	-0.67900E-03
481	9.60000001	-0.98722E-03	-0.67500E-03
482	9.62000001	-0.97382E-03	-0.67000E-03
483	9.64000001	-0.96052E-03	-0.66500E-03
484	9.66000001	-0.94730E-03	-0.66100E-03
485	9.68000001	-0.93418E-03	-0.65600E-03
486	9.70000001	-0.92116E-03	-0.65100E-03
487	9.72000001	-0.90822E-03	-0.64700E-03
488	9.74000001	-0.89538E-03	-0.64200E-03
489	9.76000001	-0.88262E-03	-0.63800E-03
490	9.78000001	-0.86996E-03	-0.63300E-03
491	9.80000001	-0.85740E-03	-0.62800E-03
492	9.82000001	-0.84492E-03	-0.62400E-03
493	9.84000001	-0.83254E-03	-0.61900E-03
494	9.86000001	-0.82024E-03	-0.61500E-03
495	9.88000001	-0.80804E-03	-0.61000E-03
496	9.90000001	-0.79594E-03	-0.60500E-03
497	9.92000001	-0.78392E-03	-0.60100E-03
498	9.94000001	-0.77200E-03	-0.59600E-03
499	9.96000001	-0.76018E-03	-0.59100E-03
500	9.98000001	-0.74844E-03	-0.58700E-03
501	10.00000001	-0.73680E-03	-0.58200E-03
502	10.02000001	-0.72524E-03	-0.57800E-03
503	10.04000001	-0.71378E-03	-0.57300E-03
504	10.06000001	-0.70242E-03	-0.56800E-03
505	10.08000001	-0.69114E-03	-0.56400E-03
506	10.10000001	-0.67996E-03	-0.55900E-03
507	10.12000001	-0.66888E-03	-0.55400E-03
508	10.14000001	-0.65788E-03	-0.55000E-03
509	10.16000001	-0.64698E-03	-0.54500E-03
510	10.18000001	-0.63616E-03	-0.54100E-03
511	10.20000001	-0.62544E-03	-0.53600E-03
512	10.22000001	-0.61482E-03	-0.53100E-03
513	10.24000001	-0.60428E-03	-0.52700E-03
514	10.26000001	-0.59384E-03	-0.52200E-03
515	10.28000001	-0.58350E-03	-0.51700E-03
516	10.30000001	-0.57324E-03	-0.51300E-03
517	10.32000001	-0.56308E-03	-0.50800E-03
518	10.34000001	-0.55300E-03	-0.50400E-03
519	10.36000001	-0.54302E-03	-0.49900E-03
520	10.38000001	-0.53314E-03	-0.49400E-03
521	10.40000001	-0.52334E-03	-0.49000E-03
522	10.42000001	-0.51364E-03	-0.48500E-03
523	10.44000001	-0.50402E-03	-0.48100E-03

524	10.4600001	-0.49450E-03	-0.47600E-03
525	10.4800001	-0.48508E-03	-0.47100E-03
526	10.5000001	-0.47574E-03	-0.46700E-03
527	10.5200001	-0.46650E-03	-0.46200E-03
528	10.5400001	-0.45736E-03	-0.45700E-03
529	10.5600001	-0.44830E-03	-0.45300E-03
530	10.5800001	-0.43934E-03	-0.44800E-03
531	10.6000001	-0.43046E-03	-0.44400E-03
532	10.6200001	-0.42168E-03	-0.43900E-03
533	10.6400001	-0.41300E-03	-0.43400E-03
534	10.6600001	-0.40440E-03	-0.43000E-03
535	10.6800001	-0.39590E-03	-0.42500E-03
536	10.7000001	-0.38750E-03	-0.42000E-03
537	10.7200001	-0.37918E-03	-0.41600E-03
538	10.7400001	-0.37096E-03	-0.41100E-03
539	10.7600001	-0.36282E-03	-0.40700E-03
540	10.7800001	-0.35478E-03	-0.40200E-03
541	10.8000001	-0.34684E-03	-0.39700E-03
542	10.8200001	-0.33898E-03	-0.39300E-03
543	10.8400001	-0.33122E-03	-0.38800E-03
544	10.8600001	-0.32354E-03	-0.38400E-03
545	10.8800001	-0.31596E-03	-0.37900E-03
546	10.9000001	-0.30848E-03	-0.37400E-03
547	10.9200001	-0.30108E-03	-0.37000E-03
548	10.9400001	-0.29378E-03	-0.36500E-03
549	10.9600001	-0.28658E-03	-0.36000E-03
550	10.9800001	-0.27946E-03	-0.35600E-03
551	11.0000001	-0.27244E-03	-0.35100E-03
552	11.0200001	-0.26578E-03	-0.33300E-03
553	11.0400001	-0.25914E-03	-0.33200E-03
554	11.0600001	-0.25252E-03	-0.33100E-03
555	11.0800001	-0.24590E-03	-0.33100E-03
556	11.1000001	-0.23930E-03	-0.33000E-03
557	11.1200001	-0.23270E-03	-0.33000E-03
558	11.1400001	-0.22612E-03	-0.32900E-03
559	11.1600001	-0.21954E-03	-0.32900E-03
560	11.1800001	-0.21298E-03	-0.32800E-03
561	11.2000001	-0.20642E-03	-0.32800E-03
562	11.2200001	-0.19988E-03	-0.32700E-03
563	11.2400001	-0.19334E-03	-0.32700E-03
564	11.2600001	-0.18682E-03	-0.32600E-03
565	11.2800001	-0.18030E-03	-0.32600E-03
566	11.3000001	-0.17380E-03	-0.32500E-03
567	11.3200001	-0.16732E-03	-0.32400E-03
568	11.3400001	-0.16084E-03	-0.32400E-03
569	11.3600001	-0.15438E-03	-0.32300E-03
570	11.3800001	-0.14792E-03	-0.32300E-03
571	11.4000001	-0.14148E-03	-0.32200E-03
572	11.4200001	-0.13504E-03	-0.32200E-03
573	11.4400001	-0.12862E-03	-0.32100E-03
574	11.4600001	-0.12220E-03	-0.32100E-03
575	11.4800001	-0.11580E-03	-0.32000E-03
576	11.5000001	-0.10940E-03	-0.32000E-03
577	11.5200001	-0.10302E-03	-0.31900E-03
578	11.5400001	-0.96644E-04	-0.31900E-03
579	11.5600001	-0.90284E-04	-0.31800E-03
580	11.5800001	-0.83944E-04	-0.31700E-03
581	11.6000001	-0.77604E-04	-0.31700E-03
582	11.6200001	-0.71284E-04	-0.31600E-03
583	11.6400001	-0.64964E-04	-0.31600E-03
584	11.6600001	-0.58664E-04	-0.31500E-03
585	11.6800001	-0.52364E-04	-0.31500E-03
586	11.7000001	-0.46084E-04	-0.31400E-03
587	11.7200001	-0.39804E-04	-0.31400E-03
588	11.7400001	-0.39804E-04	0.00000E+00
589	11.7600001	-0.39804E-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