

theta(degrees)	theta(radians)**1000	cotx*1000	theta in rad	cotx
0	0	60000	0	60
1	17	57289	0.017	57.289
2	34	28636	0.034	28.636
3	52	19081	0.052	19.081
4	69	14300	0.069	14.3
5	87	11430	0.087	11.43
6	104	9514	0.104	9.514
7	122	8144	0.122	8.144
8	139	7115	0.139	7.115
9	157	6313	0.157	6.313
10	174	5671	0.174	5.671
11	191	5144	0.191	5.144
12	209	4704	0.209	4.704
13	226	4331	0.226	4.331
14	244	4010	0.244	4.01
15	261	3732	0.261	3.732
16	279	3487	0.279	3.487
17	296	3270	0.296	3.27
18	314	3077	0.314	3.077
19	331	2904	0.331	2.904
20	349	2747	0.349	2.747
21	366	2605	0.366	2.605
22	383	2475	0.383	2.475
23	401	2355	0.401	2.355
24	418	2246	0.418	2.246
25	436	2144	0.436	2.144
26	453	2050	0.453	2.05
27	471	1962	0.471	1.962
28	488	1880	0.488	1.88
29	506	1804	0.506	1.804
30	523	1732	0.523	1.732
31	541	1664	0.541	1.664
32	558	1600	0.558	1.6
33	575	1539	0.575	1.539
34	593	1482	0.593	1.482
35	610	1428	0.61	1.428
36	628	1376	0.628	1.376
37	645	1327	0.645	1.327
38	663	1279	0.663	1.279
39	680	1234	0.68	1.234
40	698	1191	0.698	1.191

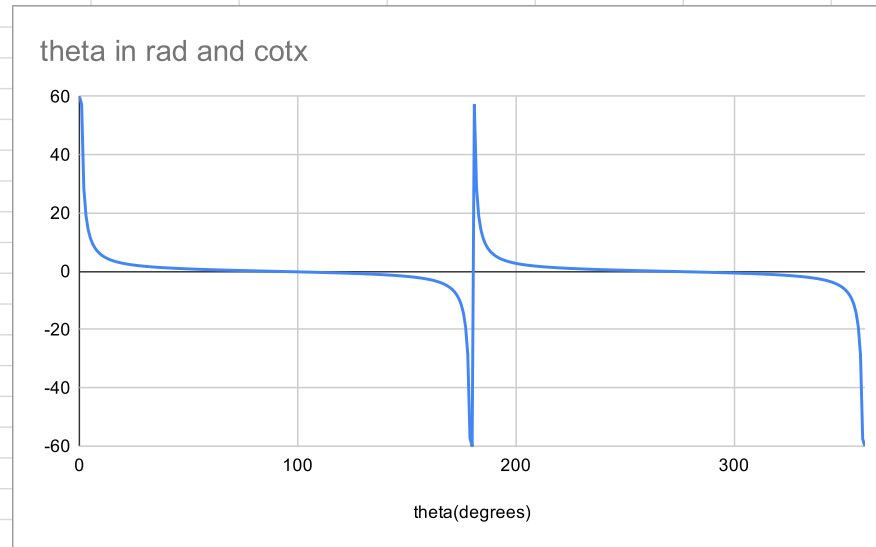
theta in rad and cotx

41	715	1150	0.715	1.15								
42	733	1110	0.733	1.11								
43	750	1072	0.75	1.072								
44	767	1035	0.767	1.035								
45	785	999	0.785	0.999								
46	802	965	0.802	0.965								
47	820	932	0.82	0.932								
48	837	900	0.837	0.9								
49	855	869	0.855	0.869								
50	872	839	0.872	0.839								
51	890	809	0.89	0.809								
52	907	781	0.907	0.781								
53	925	753	0.925	0.753								
54	942	726	0.942	0.726								
55	959	700	0.959	0.7								
56	977	674	0.977	0.674								
57	994	649	0.994	0.649								
58	1012	624	1.012	0.624								
59	1029	600	1.029	0.6								
60	1047	577	1.047	0.577								
61	1064	554	1.064	0.554								
62	1082	531	1.082	0.531								
63	1099	509	1.099	0.509								
64	1117	487	1.117	0.487								
65	1134	466	1.134	0.466								
66	1151	445	1.151	0.445								
67	1169	424	1.169	0.424								
68	1186	404	1.186	0.404								
69	1204	383	1.204	0.383								
70	1221	363	1.221	0.363								
71	1239	344	1.239	0.344								
72	1256	324	1.256	0.324								
73	1274	305	1.274	0.305								
74	1291	286	1.291	0.286								
75	1308	267	1.308	0.267								
76	1326	249	1.326	0.249								
77	1343	230	1.343	0.23								
78	1361	212	1.361	0.212								
79	1378	194	1.378	0.194								
80	1396	176	1.396	0.176								
81	1413	158	1.413	0.158								
82	1431	140	1.431	0.14								

83	1448	122	1.448	0.122								
84	1466	105	1.466	0.105								
85	1483	87	1.483	0.087								
86	1500	69	1.5	0.069								
87	1518	52	1.518	0.052								
88	1535	34	1.535	0.034								
89	1553	17	1.553	0.017								
90	1570	0	1.57	0								
91	1588	-17	1.588	-0.017								
92	1605	-34	1.605	-0.034								
93	1623	-52	1.623	-0.052								
94	1640	-69	1.64	-0.069								
95	1658	-87	1.658	-0.087								
96	1675	-105	1.675	-0.105								
97	1692	-122	1.692	-0.122								
98	1710	-140	1.71	-0.14								
99	1727	-158	1.727	-0.158								
100	1745	-176	1.745	-0.176								
101	1762	-194	1.762	-0.194								
102	1780	-212	1.78	-0.212								
103	1797	-230	1.797	-0.23								
104	1815	-249	1.815	-0.249								
105	1832	-267	1.832	-0.267								
106	1850	-286	1.85	-0.286								
107	1867	-305	1.867	-0.305								
108	1884	-324	1.884	-0.324								
109	1902	-344	1.902	-0.344								
110	1919	-363	1.919	-0.363								
111	1937	-383	1.937	-0.383								
112	1954	-404	1.954	-0.404								
113	1972	-424	1.972	-0.424								
114	1989	-445	1.989	-0.445								
115	2007	-466	2.007	-0.466								
116	2024	-487	2.024	-0.487								
117	2042	-509	2.042	-0.509								
118	2059	-531	2.059	-0.531								
119	2076	-554	2.076	-0.554								
120	2094	-577	2.094	-0.577								
121	2111	-600	2.111	-0.6								
122	2129	-624	2.129	-0.624								
123	2146	-649	2.146	-0.649								
124	2164	-674	2.164	-0.674								

125	2181	-700	2.181	-0.7								
126	2199	-726	2.199	-0.726								
127	2216	-753	2.216	-0.753								
128	2234	-781	2.234	-0.781								
129	2251	-809	2.251	-0.809								
130	2268	-839	2.268	-0.839								
131	2286	-869	2.286	-0.869								
132	2303	-900	2.303	-0.9								
133	2321	-932	2.321	-0.932								
134	2338	-965	2.338	-0.965								
135	2356	-1000	2.356	-1								
136	2373	-1035	2.373	-1.035								
137	2391	-1072	2.391	-1.072								
138	2408	-1110	2.408	-1.11								
139	2426	-1150	2.426	-1.15								
140	2443	-1191	2.443	-1.191								
141	2460	-1234	2.46	-1.234								
142	2478	-1279	2.478	-1.279								
143	2495	-1327	2.495	-1.327								
144	2513	-1376	2.513	-1.376								
145	2530	-1428	2.53	-1.428								
146	2548	-1482	2.548	-1.482								
147	2565	-1539	2.565	-1.539								
148	2583	-1600	2.583	-1.6								
149	2600	-1664	2.6	-1.664								
150	2617	-1732	2.617	-1.732								
151	2635	-1804	2.635	-1.804								
152	2652	-1880	2.652	-1.88								
153	2670	-1962	2.67	-1.962								
154	2687	-2050	2.687	-2.05								
155	2705	-2144	2.705	-2.144								
156	2722	-2246	2.722	-2.246								
157	2740	-2355	2.74	-2.355								
158	2757	-2475	2.757	-2.475								
159	2775	-2605	2.775	-2.605								
160	2792	-2747	2.792	-2.747								
161	2809	-2904	2.809	-2.904								
162	2827	-3077	2.827	-3.077								
163	2844	-3270	2.844	-3.27								
164	2862	-3487	2.862	-3.487								
165	2879	-3732	2.879	-3.732								
166	2897	-4010	2.897	-4.01								

167	2914	-4331	2.914	-4.331
168	2932	-4704	2.932	-4.704
169	2949	-5144	2.949	-5.144
170	2967	-5671	2.967	-5.671
171	2984	-6313	2.984	-6.313
172	3001	-7115	3.001	-7.115
173	3019	-8144	3.019	-8.144
174	3036	-9514	3.036	-9.514
175	3054	-11430	3.054	-11.43
176	3071	-14300	3.071	-14.3
177	3089	-19081	3.089	-19.081
178	3106	-28637	3.106	-28.637
179	3124	-57294	3.124	-57.294
180	3141	-60000	3.141	-60
181	3159	57285	3.159	57.285
182	3176	28635	3.176	28.635
183	3193	19080	3.193	19.08
184	3211	14300	3.211	14.3
185	3228	11429	3.228	11.429
186	3246	9514	3.246	9.514
187	3263	8144	3.263	8.144
188	3281	7115	3.281	7.115
189	3298	6313	3.298	6.313
190	3316	5671	3.316	5.671
191	3333	5144	3.333	5.144
192	3351	4704	3.351	4.704
193	3368	4331	3.368	4.331
194	3385	4010	3.385	4.01
195	3403	3732	3.403	3.732
196	3420	3487	3.42	3.487
197	3438	3270	3.438	3.27
198	3455	3077	3.455	3.077
199	3473	2904	3.473	2.904
200	3490	2747	3.49	2.747
201	3508	2605	3.508	2.605
202	3525	2475	3.525	2.475
203	3543	2355	3.543	2.355
204	3560	2246	3.56	2.246
205	3577	2144	3.577	2.144
206	3595	2050	3.595	2.05
207	3612	1962	3.612	1.962
208	3630	1880	3.63	1.88



209	3647	1804	3.647	1.804								
210	3665	1732	3.665	1.732								
211	3682	1664	3.682	1.664								
212	3700	1600	3.7	1.6								
213	3717	1539	3.717	1.539								
214	3735	1482	3.735	1.482								
215	3752	1428	3.752	1.428								
216	3769	1376	3.769	1.376								
217	3787	1327	3.787	1.327								
218	3804	1279	3.804	1.279								
219	3822	1234	3.822	1.234								
220	3839	1191	3.839	1.191								
221	3857	1150	3.857	1.15								
222	3874	1110	3.874	1.11								
223	3892	1072	3.892	1.072								
224	3909	1035	3.909	1.035								
225	3926	999	3.926	0.999								
226	3944	965	3.944	0.965								
227	3961	932	3.961	0.932								
228	3979	900	3.979	0.9								
229	3996	869	3.996	0.869								
230	4014	839	4.014	0.839								
231	4031	809	4.031	0.809								
232	4049	781	4.049	0.781								
233	4066	753	4.066	0.753								
234	4084	726	4.084	0.726								
235	4101	700	4.101	0.7								
236	4118	674	4.118	0.674								
237	4136	649	4.136	0.649								
238	4153	624	4.153	0.624								
239	4171	600	4.171	0.6								
240	4188	577	4.188	0.577								
241	4206	554	4.206	0.554								
242	4223	531	4.223	0.531								
243	4241	509	4.241	0.509								
244	4258	487	4.258	0.487								
245	4276	466	4.276	0.466								
246	4293	445	4.293	0.445								
247	4310	424	4.31	0.424								
248	4328	404	4.328	0.404								
249	4345	383	4.345	0.383								
250	4363	363	4.363	0.363								

251	4380	344	4.38	0.344								
252	4398	324	4.398	0.324								
253	4415	305	4.415	0.305								
254	4433	286	4.433	0.286								
255	4450	267	4.45	0.267								
256	4468	249	4.468	0.249								
257	4485	230	4.485	0.23								
258	4502	212	4.502	0.212								
259	4520	194	4.52	0.194								
260	4537	176	4.537	0.176								
261	4555	158	4.555	0.158								
262	4572	140	4.572	0.14								
263	4590	122	4.59	0.122								
264	4607	105	4.607	0.105								
265	4625	87	4.625	0.087								
266	4642	69	4.642	0.069								
267	4660	52	4.66	0.052								
268	4677	34	4.677	0.034								
269	4694	17	4.694	0.017								
270	4712	0	4.712	0								
271	4729	-17	4.729	-0.017								
272	4747	-34	4.747	-0.034								
273	4764	-52	4.764	-0.052								
274	4782	-69	4.782	-0.069								
275	4799	-87	4.799	-0.087								
276	4817	-105	4.817	-0.105								
277	4834	-122	4.834	-0.122								
278	4852	-140	4.852	-0.14								
279	4869	-158	4.869	-0.158								
280	4886	-176	4.886	-0.176								
281	4904	-194	4.904	-0.194								
282	4921	-212	4.921	-0.212								
283	4939	-230	4.939	-0.23								
284	4956	-249	4.956	-0.249								
285	4974	-267	4.974	-0.267								
286	4991	-286	4.991	-0.286								
287	5009	-305	5.009	-0.305								
288	5026	-324	5.026	-0.324								
289	5044	-344	5.044	-0.344								
290	5061	-363	5.061	-0.363								
291	5078	-383	5.078	-0.383								
292	5096	-404	5.096	-0.404								

293	5113	-424	5.113	-0.424								
294	5131	-445	5.131	-0.445								
295	5148	-466	5.148	-0.466								
296	5166	-487	5.166	-0.487								
297	5183	-509	5.183	-0.509								
298	5201	-531	5.201	-0.531								
299	5218	-554	5.218	-0.554								
300	5235	-577	5.235	-0.577								
301	5253	-600	5.253	-0.6								
302	5270	-624	5.27	-0.624								
303	5288	-649	5.288	-0.649								
304	5305	-674	5.305	-0.674								
305	5323	-700	5.323	-0.7								
306	5340	-726	5.34	-0.726								
307	5358	-753	5.358	-0.753								
308	5375	-781	5.375	-0.781								
309	5393	-809	5.393	-0.809								
310	5410	-839	5.41	-0.839								
311	5427	-869	5.427	-0.869								
312	5445	-900	5.445	-0.9								
313	5462	-932	5.462	-0.932								
314	5480	-965	5.48	-0.965								
315	5497	-1000	5.497	-1								
316	5515	-1035	5.515	-1.035								
317	5532	-1072	5.532	-1.072								
318	5550	-1110	5.55	-1.11								
319	5567	-1150	5.567	-1.15								
320	5585	-1191	5.585	-1.191								
321	5602	-1234	5.602	-1.234								
322	5619	-1280	5.619	-1.28								
323	5637	-1327	5.637	-1.327								
324	5654	-1376	5.654	-1.376								
325	5672	-1428	5.672	-1.428								
326	5689	-1482	5.689	-1.482								
327	5707	-1539	5.707	-1.539								
328	5724	-1600	5.724	-1.6								
329	5742	-1664	5.742	-1.664								
330	5759	-1732	5.759	-1.732								
331	5777	-1804	5.777	-1.804								
332	5794	-1880	5.794	-1.88								
333	5811	-1962	5.811	-1.962								
334	5829	-2050	5.829	-2.05								

335	5846	-2144	5.846	-2.144							
336	5864	-2246	5.864	-2.246							
337	5881	-2356	5.881	-2.356							
338	5899	-2475	5.899	-2.475							
339	5916	-2605	5.916	-2.605							
340	5934	-2747	5.934	-2.747							
341	5951	-2904	5.951	-2.904							
342	5969	-3078	5.969	-3.078							
343	5986	-3271	5.986	-3.271							
344	6003	-3488	6.003	-3.488							
345	6021	-3732	6.021	-3.732							
346	6038	-4011	6.038	-4.011							
347	6056	-4332	6.056	-4.332							
348	6073	-4706	6.073	-4.706							
349	6091	-5146	6.091	-5.146							
350	6108	-5673	6.108	-5.673							
351	6126	-6316	6.126	-6.316							
352	6143	-7119	6.143	-7.119							
353	6161	-8149	6.161	-8.149							
354	6178	-9521	6.178	-9.521							
355	6195	-11440	6.195	-11.44							
356	6213	-14317	6.213	-14.317							
357	6230	-19111	6.23	-19.111							
358	6248	-28706	6.248	-28.706							
359	6265	-57571	6.265	-57.571							
360	6283	-60000	6.283	-60							