x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0	0	1	0	∞	1	∞
0.0001	0.00010000	1.00000000	0.000100000	9999.999967	1.000000005	10000.00002
0.0002	0.00020000	0.99999998	0.000200000	4999.999933	1.000000020	5000.000033
0.0003	0.00030000	0.99999996	0.000300000	3333.333233	1.000000045	3333.333383
0.0004	0.00040000	0.99999992	0.000400000	2499.999867	1.000000080	2500.000067
0.0005	0.00050000	0.99999988	0.000500000	1999.999833	1.000000125	2000.000083
0.0006	0.00060000	0.99999982	0.000600000	1666.666467	1.000000180	1666.666767
0.0007	0.00070000	0.99999976	0.000700000	1428.571195	1.000000245	1428.571545
0.0008	0.00080000	0.99999968	0.000800000	1249.999733	1.000000320	1250.000133
0.0009	0.00090000	0.99999960	0.000900000	1111.110811	1.000000405	1111.111261
0.0010	0.00100000	0.99999950	0.001000000	999.9996667	1.000000500	1000.000167
0.0011	0.00110000	0.99999940	0.001100000	909.0905424	1.000000605	909.0910924
0.0012	0.00120000	0.99999928	0.001200001	833.3329333	1.000000720	833.3335333
0.0013	0.00130000	0.99999916	0.001300001	769.2303359	1.000000845	769.2309859
0.0014	0.00140000	0.99999902	0.001400001	714.2852476	1.000000980	714.2859476
0.0015	0.00150000	0.99999888	0.001500001	666.6661667	1.000001125	666.6669167
0.0016	0.00160000	0.99999872	0.001600001	624.9994667	1.000001280	625.0002667
0.0017	0.00170000	0.99999856	0.001700002	588.2347275	1.000001445	588.2355775
0.0018	0.00180000	0.99999838	0.001800002	555.5549556	1.000001620	555.5558556
0.0019	0.00190000	0.99999820	0.001900002	526.3151561	1.000001805	526.3161061
0.0020	0.00200000	0.99999800	0.002000003	499.9993333	1.000002000	500.0003333
0.0021	0.00210000	0.99999780	0.002100003	476.1897762	1.000002205	476.1908262
0.0022	0.00220000	0.99999758	0.002200004	454.5447212	1.000002420	454.5458212
0.0023	0.00230000	0.99999736	0.002300004	434.7818420	1.000002645	434.7829920
0.0024	0.00240000	0.99999712	0.002400005	416.6658667	1.000002880	416.6670667
0.0025	0.00250000	0.99999688	0.002500005	399.9991667	1.000003125	400.0004167
0.0026	0.00260000	0.99999662	0.002600006	384.6145179	1.000003380	384.6158179
0.0027	0.00270000	0.99999636	0.002700007	370.3694704	1.000003645	370.3708204
0.0028	0.00280000	0.99999608	0.002800007	357.1419238	1.000003920	357.1433238
0.0029	0.00290000	0.99999580	0.002900008	344.8266195	1.000004205	344.8280695
0.0030	0.00300000	0.99999550	0.003000009	333.3323333	1.000004500	333.3338333
0.0031	0.00310000	0.99999520	0.003100010	322.5796118	1.000004805	322.5811618
0.0032	0.00319999	0.99999488	0.003200011	312.4989333	1.000005120	312.5005333
0.0033	0.00329999	0.99999456	0.003300012	303.0292030	1.000005445	303.0308530
0.0034	0.00339999	0.99999422	0.003400013	294.1165137	1.000005780	294.1182137
0.0035	0.00349999	0.99999388	0.003500014	285.7131190	1.000006125	285.7148690
0.0036	0.00359999	0.99999352	0.003600016	277.7765778	1.000006480	277.7783778
0.0037	0.00369999	0.99999316	0.003700017	270.2690369	1.000006845	270.2708869
0.0038	0.00379999	0.99999278	0.003800018	263.1566281	1.000007220	263.1585281
0.0039	0.00389999	0.99999240	0.003900020	256.4089564	1.000007605	256.4109064
0.0040	0.00399999	0.99999200	0.004000021	249.9986667	1.000008000	250.0006667
0.0041	0.00409999	0.99999160	0.004100023	243.9010724	1.000008405	243.9031224
0.0042	0.00419999	0.99999118	0.004200025	238.0938381	1.000008820	238.0959381
0.0043	0.00429999	0.99999076	0.004300027	232.5567062	1.000009245	232.5588562
0.0044	0.00439999	0.99999032	0.004400028	227.2712606	1.000009680	227.2734606
0.0045	0.00449998	0.99998988	0.004500030	222.2207222	1.000010125	222.2229722
0.0046	0.00459998	0.99998942	0.004600032	217.3897710	1.000010580	217.3920710
0.0047	0.00469998	0.99998896	0.004700035	212.7643908	1.000011045	212.7667408
0.0048	0.00479998	0.99998848	0.004800037	208.3317333	1.000011520	208.3341333
0.0049	0.00489998	0.99998800	0.004900039	204.0799993	1.000012005	204.0824493

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.0050	0.00499998	0.99998750	0.005000042	199.9983333	1.000012500	200.0008333
0.0051	0.00509998	0.99998700	0.005100044	196.0767314	1.000013005	196.0792814
0.0052	0.00519998	0.99998648	0.005200047	192.3059590	1.000013520	192.3085590
0.0053	0.00529998	0.99998596	0.005300050	188.6774786	1.000014045	188.6801286
0.0054	0.00539997	0.99998542	0.005400052	185.1833852	1.000014580	185.1860852
0.0055	0.00549997	0.99998488	0.005500055	181.8163485	1.000015125	181.8190985
0.0056	0.00559997	0.99998432	0.005600059	178.5695619	1.000015680	178.5723619
0.0057	0.00569997	0.99998376	0.005700062	175.4366965	1.000016245	175.4395465
0.0058	0.00579997	0.99998318	0.005800065	172.4118598	1.000016820	172.4147598
0.0059	0.00589997	0.99998260	0.005900068	169.4895588	1.000017405	169.4925088
0.0060	0.00599996	0.99998200	0.006000072	166.6646667	1.000018000	166.6676667
0.0061	0.00609996	0.99998140	0.006100076	163.9323929	1.000018605	163.9354429
0.0062	0.00619996	0.99998078	0.006200079	161.2882559	1.000019220	161.2913559
0.0063	0.00629996	0.99998016	0.006300083	158.7280587	1.000019845	158.7312087
0.0064	0.00639996	0.99997952	0.006400087	156.2478667	1.000020480	156.2510667
0.0065	0.00649995	0.99997888	0.006500092	153.8439872	1.000021125	153.8472372
0.0066	0.00659995	0.99997822	0.006600096	151.5129515	1.000021780	151.5162515
0.0067	0.00669995	0.99997756	0.006700100	149.2514980	1.000022445	149.2548480
0.0068	0.00679995	0.99997688	0.006800105	147.0565569	1.000023120	147.0599569
0.0069	0.00689995	0.99997620	0.006900110	144.9252362	1.000023805	144.9286862
0.0070	0.00699994	0.99997550	0.007000114	142.8548095	1.000024501	142.8583095
0.0071	0.00709994	0.99997480	0.007100119	140.8427037	1.000025206	140.8462538
0.0072	0.00719994	0.99997408	0.007200124	138.8864889	1.000025921	138.8900889
0.0073	0.00729994	0.99997336	0.007300130	136.9838680	1.000026646	136.9875180
0.0074	0.00739993	0.99997262	0.007400135	135.1326685	1.000027381	135.1363685
0.0075	0.00749993	0.99997188	0.007500141	133.3308333	1.000028126	133.3345833
0.0076	0.00759993	0.99997112	0.007600146	131.5764140	1.000028881	131.5802140
0.0077	0.00769992	0.99997036	0.007700152	129.8675632	1.000029646	129.8714132
0.0078	0.00779992	0.99996958	0.007800158	128.2025282	1.000030421	128.2064282
0.0079	0.00789992	0.99996880	0.007900164	126.5796451	1.000031206	126.5835952
0.0080	0.00799991	0.99996800	0.008000171	124.9973333	1.000032001	125.0013333
0.0081	0.00809991	0.99996720	0.008100177	123.4540901	1.000032806	123.4581401
0.0082	0.00819991	0.99996638	0.008200184	121.9484862	1.000033621	121.9525862
0.0083	0.00829990	0.99996556	0.008300191	120.4791610	1.000034446	120.4833111
0.0084	0.00839990	0.99996472	0.008400198	119.0448190	1.000035281	119.0490191
0.0085	0.00849990	0.99996388	0.008500205	117.6442255	1.000036126	117.6484755
0.0086	0.00859989	0.99996302	0.008600212	116.2762031	1.000036981	116.2805031
0.0087	0.00869989	0.99996216	0.008700220	114.9396287	1.000037846	114.9439787
0.0088	0.00879989	0.99996128	0.008800227	113.6334303	1.000038721	113.6378303
0.0089	0.00889988	0.99996040	0.008900235	112.3565839	1.000039606	112.3610339
0.0090	0.00899988	0.99995950	0.009000243	111.1081111	1.000040501	111.1126111
0.0091	0.00909987	0.99995860	0.009100251	109.8870765	1.000041406	109.8916266
0.0092	0.00919987	0.99995768	0.009200260	108.6925855	1.000042321	108.6971855
0.0093	0.00929987	0.99995676	0.009300268	107.5237817	1.000043247	107.5284317
0.0094	0.00939986	0.99995582	0.009400277	106.3798454	1.000044182	106.3845454
0.0095	0.00949986	0.99995488	0.009500286	105.2599912	1.000045127	105.2647412
0.0096	0.00959985	0.99995392	0.009600295	104.1634666	1.000046082	104.1682667
0.0097	0.00969985	0.99995296	0.009700304	103.0895502	1.000047047	103.0944002
0.0098	0.00979984	0.99995198	0.009800314	102.0375496	1.000048022	102.0424497
0.0099	0.00989984	0.99995100	0.009900323	101.0068010	1.000049007	101.0117510

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.0100	0.00999983	0.99995000	0.010000333	99.99666664	1.000050002	100.0016667
0.0101	0.01009983	0.99994900	0.010100343	99.00653430	1.000051007	99.01158434
0.0102	0.01019982	0.99994798	0.010200354	98.03581566	1.000052022	98.04091571
0.0103	0.01029982	0.99994696	0.010300364	97.08394528	1.000053047	97.08909533
0.0104	0.01039981	0.99994592	0.010400375	96.15037946	1.000054082	96.15557951
0.0105	0.01049981	0.99994488	0.010500386	95.23459521	1.000055128	95.23984526
0.0106	0.01059980	0.99994382	0.010600397	94.33608928	1.000056183	94.34138933
0.0107	0.01069980	0.99994276	0.010700408	93.45437723	1.000057248	93.45972728
0.0108	0.01079979	0.99994168	0.010800420	92.58899256	1.000058323	92.59439262
0.0109	0.01089978	0.99994060	0.010900432	91.73948590	1.000059408	91.74493596
0.0110	0.01099978	0.99993950	0.011000444	90.90542421	1.000060503	90.91092427
0.0111	0.01109977	0.99993840	0.011100456	90.08639006	1.000061608	90.09194012
0.0112	0.01119977	0.99993728	0.011200468	89.28198092	1.000062723	89.28758098
0.0113	0.01129976	0.99993616	0.011300481	88.49180852	1.000063848	88.49745858
0.0114	0.01139975	0.99993502	0.011400494	87.71549821	1.000064984	87.72119827
0.0115	0.01149975	0.99993388	0.011500507	86.95268837	1.000066129	86.95843844
0.0116	0.01159974	0.99993272	0.011600520	86.20302985	1.000067284	86.20882991
0.0117	0.01169973	0.99993156	0.011700534	85.46618543	1.000068449	85.47203550
0.0118	0.01179973	0.99993038	0.011800548	84.74182934	1.000069624	84.74772941
0.0119	0.01189972	0.99992920	0.011900562	84.02964674	1.000070809	84.03559681
0.0120	0.01199971	0.99992800	0.012000576	83.32933329	1.000072004	83.33533337
0.0121	0.01209970	0.99992680	0.012100591	82.64059473	1.000073209	82.64664480
0.0122	0.01219970	0.99992558	0.012200605	81.96314641	1.000074425	81.96924648
0.0123	0.01229969	0.99992436	0.012300620	81.29671297	1.000075650	81.30286304
0.0124	0.01239968	0.99992312	0.012400636	80.64102791	1.000076885	80.64722799
0.0125	0.01249967	0.99992188	0.012500651	79.99583329	1.000078130	80.00208337
0.0126	0.01259967	0.99992062	0.012600667	79.36087932	1.000079385	79.36717940
0.0127	0.01269966	0.99991936	0.012700683	78.73592410	1.000080650	78.74227419
0.0128	0.01279965	0.99991808	0.012800699	78.12073329	1.000081926	78.12713337
0.0129	0.01289964	0.99991680	0.012900716	77.51507980	1.000083211	77.52152989
0.0130	0.01299963	0.99991550	0.013000732	76.91874354	1.000084506	76.92524363
0.0131	0.01309963	0.99991420	0.013100749	76.33151115	1.000085811	76.33806124
0.0132	0.01319962	0.99991288	0.013200767	75.75317571	1.000087126	75.75977580
0.0133	0.01329961	0.99991156	0.013300784	75.18353654	1.000088452	75.19018664
0.0134	0.01339960	0.99991022	0.013400802	74.62239895	1.000089787	74.62909905
0.0135	0.01349959	0.99990888	0.013500820	74.06957402	1.000091132	74.07632412
0.0136	0.01359958	0.99990752	0.013600839	73.52487838	1.000092487	73.53167848
0.0137	0.01369957	0.99990616	0.013700857	72.98813401	1.000093852	72.99498411
0.0138	0.01379956	0.99990478	0.013800876	72.45916806	1.000095228	72.46606817
0.0139	0.01389955	0.99990340	0.013900895	71.93781265	1.000096613	71.94476276
0.0140	0.01399954	0.99990200	0.014000915	71.42390470	1.000098008	71.43090482
0.0141	0.01409953	0.99990060	0.014100934	70.91728575	1.000099413	70.92433587
0.0142	0.01419952	0.99989918	0.014200955	70.41780181	1.000100828	70.42490193
0.0143	0.01429951	0.99989776	0.014300975	69.92530320	1.000102254	69.93245332
0.0144	0.01439950	0.99989632	0.014400995	69.43964438	1.000103689	69.44684450
0.0145	0.01449949	0.99989488	0.014501016	68.96068384	1.000105134	68.96793397
0.0146	0.01459948	0.99989342	0.014601037	68.48828395	1.000106589	68.49558408
0.0147	0.01469947	0.99989196	0.014701059	68.02231081	1.000108055	68.02966095
0.0148	0.01479946	0.99989048	0.014801081	67.56263416	1.000109530	67.57003430
0.0149	0.01489945	0.99988900	0.014901103	67.10912722	1.000111015	67.11657736

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.0150	0.01499944	0.99988750	0.015001125	66.66166659	1.000112511	66.66916673
0.0151	0.01509943	0.99988600	0.015101148	66.22013215	1.000114016	66.22768230
0.0152	0.01519941	0.99988448	0.015201171	65.78440694	1.000115531	65.79200709
0.0153	0.01529940	0.99988296	0.015301194	65.35437705	1.000117056	65.36202719
0.0154	0.01539939	0.99988142	0.015401218	64.92993152	1.000118592	64.93763167
0.0155	0.01549938	0.99987988	0.015501241	64.51096228	1.000120137	64.51871244
0.0156	0.01559937	0.99987832	0.015601266	64.09736402	1.000121692	64.10516418
0.0157	0.01569936	0.99987676	0.015701290	63.68903410	1.000123258	63.69688426
0.0158	0.01579934	0.99987518	0.015801315	63.28587249	1.000124833	63.29377265
0.0159	0.01589933	0.99987360	0.015901340	62.88778167	1.000126418	62.89573184
0.0160	0.01599932	0.99987200	0.016001365	62.49466658	1.000128014	62.50266675
0.0161	0.01609930	0.99987040	0.016101391	62.10643448	1.000129619	62.11448466
0.0162	0.01619929	0.99986878	0.016201417	61.72299497	1.000131234	61.73109514
0.0163	0.01629928	0.99986716	0.016301444	61.34425982	1.000132860	61.35241000
0.0164	0.01639926	0.99986552	0.016401470	60.97014299	1.000134495	60.97834317
0.0165	0.01649925	0.99986388	0.016501498	60.60056051	1.000136140	60.60881069
0.0166	0.01659924	0.99986222	0.016601525	60.23543042	1.000137796	60.24373061
0.0167	0.01669922	0.99986056	0.016701553	59.87467275	1.000139461	59.88302295
0.0168	0.01679921	0.99985888	0.016801581	59.51820942	1.000141137	59.52660962
0.0169	0.01689920	0.99985720	0.016901609	59.16596419	1.000142822	59.17441439
0.0170	0.01699918	0.99985550	0.017001638	58.81786264	1.000144517	58.82636284
0.0171	0.01709917	0.99985380	0.017101667	58.47383205	1.000146223	58.48238226
0.0172	0.01719915	0.99985208	0.017201696	58.13380144	1.000147938	58.14240165
0.0173	0.01729914	0.99985036	0.017301726	57.79770143	1.000149664	57.80635164
0.0174	0.01739912	0.99984862	0.017401756	57.46546425	1.000151399	57.47416447
0.0175	0.01749911	0.99984688	0.017501787	57.13702369	1.000153145	57.14577391
0.0176	0.01759909	0.99984512	0.017601817	56.81231503	1.000154900	56.82111526
0.0177	0.01769908	0.99984336	0.017701849	56.49127502	1.000156665	56.50012525
0.0178	0.01779906	0.99984158	0.017801880	56.17384182	1.000158441	56.18274206
0.0179	0.01789904	0.99983980	0.017901912	55.85995499	1.000160226	55.86890523
0.0180	0.01799903	0.99983800	0.018001944	55.54955543	1.000162022	55.55855567
0.0181	0.01809901	0.99983620	0.018101977	55.24258532	1.000163827	55.25163557
0.0182	0.01819900	0.99983438	0.018202010	54.93898814	1.000165643	54.94808840
0.0183	0.01829898	0.99983256	0.018302043	54.63870861	1.000167468	54.64785886
0.0184	0.01839896	0.99983072	0.018402077	54.34169261	1.000169304	54.35089287
0.0185	0.01849894	0.99982888	0.018502111	54.04788725	1.000171149	54.05713751
0.0186	0.01859893	0.99982702	0.018602145	53.75724072	1.000173005	53.76654098
0.0187	0.01869891	0.99982516	0.018702180	53.46970235	1.000174870	53.47905262
0.0188	0.01879889	0.99982329	0.018802215	53.18522255	1.000176746	53.19462282
0.0189	0.01889887	0.99982140	0.018902251	52.90375276	1.000178632	52.91320304
0.0190	0.01899886	0.99981951	0.019002287	52.62524546	1.000180527	52.63474575
0.0191	0.01909884	0.99981760	0.019102323	52.34965412	1.000182433	52.35920441
0.0192	0.01919882	0.99981569	0.019202360	52.07693318	1.000184348	52.08653347
0.0193	0.01929880	0.99981376	0.019302397	51.80703801	1.000186274	51.81668831
0.0194	0.01939878	0.99981183	0.019402434	51.53992492	1.000188210	51.54962523
0.0195	0.01949876	0.99980988	0.019502472	51.27555112	1.000190155	51.28530143
0.0196	0.01959875	0.99980793	0.019602510	51.01387466	1.000192111	51.02367498
0.0197	0.01969873	0.99980596	0.019702549	50.75485448	1.000194076	50.76470480
0.0198	0.01979871	0.99980399	0.019802588	50.49845033	1.000196052	50.50835066
0.0199	0.01989869	0.99980200	0.019902627	50.24462277	1.000198038	50.25457310

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.0200	0.01999867	0.99980001	0.020002667	49.99333316	1.000200033	50.00333349
0.0201	0.02009865	0.99979800	0.020102707	49.74454360	1.000202039	49.75459394
0.0202	0.02019863	0.99979599	0.020202748	49.49821698	1.000204055	49.50831732
0.0203	0.02029861	0.99979396	0.020302789	49.25431689	1.000206080	49.26446724
0.0204	0.02039859	0.99979193	0.020402830	49.01280765	1.000208116	49.02300801
0.0205	0.02049856	0.99978988	0.020502872	48.77365428	1.000210162	48.78390464
0.0206	0.02059854	0.99978783	0.020602914	48.53682246	1.000212218	48.54712282
0.0207	0.02069852	0.99978576	0.020702957	48.30227855	1.000214283	48.31262892
0.0208	0.02079850	0.99978369	0.020803000	48.06998954	1.000216359	48.08038992
0.0209	0.02089848	0.99978160	0.020903044	47.83992308	1.000218445	47.85037346
0.0210	0.02099846	0.99977951	0.021003088	47.61204741	1.000220541	47.62254780
0.0211	0.02109843	0.99977740	0.021103132	47.38633139	1.000222646	47.39688178
0.0212	0.02119841	0.99977529	0.021203177	47.16274444	1.000224762	47.17334484
0.0213	0.02129839	0.99977316	0.021303222	46.94125659	1.000226888	46.95190700
0.0214	0.02139837	0.99977103	0.021403267	46.72183841	1.000229024	46.73253882
0.0215	0.02149834	0.99976888	0.021503313	46.50446102	1.000231170	46.51521143
0.0216	0.02159832	0.99976673	0.021603360	46.28909607	1.000233325	46.29989649
0.0217	0.02169830	0.99976456	0.021703407	46.07571575	1.000235491	46.08656617
0.0218	0.02179827	0.99976239	0.021803454	45.86429274	1.000237667	45.87519317
0.0219	0.02189825	0.99976020	0.021903502	45.65480022	1.000239853	45.66575066
0.0220	0.02199823	0.99975801	0.022003550	45.44721189	1.000242049	45.45821233
0.0221	0.02209820	0.99975580	0.022103599	45.24150187	1.000244255	45.25255232
0.0222	0.02219818	0.99975359	0.022203648	45.03764480	1.000246471	45.04874526
0.0223	0.02229815	0.99975137	0.022303697	44.83561575	1.000248697	44.84676621
0.0224	0.02239813	0.99974913	0.022403747	44.63539023	1.000250932	44.64659070
0.0225	0.02249810	0.99974689	0.022503798	44.43694419	1.000253178	44.44819467
0.0226	0.02259808	0.99974463	0.022603849	44.24025402	1.000255434	44.25155450
0.0227	0.02269805	0.99974237	0.022703900	44.04529651	1.000257700	44.05664700
0.0228	0.02279802	0.99974009	0.022803952	43.85204886	1.000259976	43.86344935
0.0229	0.02289800	0.99973781	0.022904004	43.66048867	1.000262262	43.67193917
0.0230	0.02299797	0.99973551	0.023004057	43.47059393	1.000264558	43.48209444
0.0231	0.02309795	0.99973321	0.023104110	43.28234302	1.000266864	43.29389353
0.0232	0.02319792	0.99973089	0.023204163	43.09571467	1.000269180	43.10731518
0.0233	0.02329789	0.99972857	0.023304217	42.91068799	1.000271506	42.92233851
0.0234	0.02339786	0.99972623	0.023404272	42.72724245	1.000273842	42.73894298
0.0235	0.02349784	0.99972389	0.023504327	42.54535787	1.000276189	42.55710841
0.0236	0.02359781	0.99972153	0.023604382	42.36501440	1.000278545	42.37681494
0.0237	0.02369778	0.99971917	0.023704438	42.18619253	1.000280911	42.19804309
0.0238	0.02379775	0.99971679	0.023804495	42.00887309	1.000283287	42.02077365
0.0239	0.02389772	0.99971441	0.023904552	41.83303721	1.000285673	41.84498778
0.0240	0.02399770	0.99971201	0.024004609	41.65866636	1.000288069	41.67066693
0.0241	0.02409767	0.99970961	0.024104667	41.48574229	1.000290475	41.49779287
0.0242	0.02419764	0.99970719	0.024204725	41.31424707	1.000292891	41.32634766
0.0243	0.02429761	0.99970477	0.024304784	41.14416306	1.000295318	41.15631365
0.0244	0.02439758	0.99970233	0.024404843	40.97547290	1.000297754	40.98767351
0.0245	0.02449755	0.99969989	0.024504903	40.80815954	1.000300200	40.82041015
0.0246	0.02459752	0.99969744	0.024604964	40.64220617	1.000302656	40.65450679
0.0247	0.02469749	0.99969497	0.024705024	40.47759629	1.000305123	40.48994692
0.0248	0.02479746	0.99969250	0.024805086	40.31431364	1.000307599	40.32671428
0.0249	0.02489743	0.99969001	0.024905147	40.15234223	1.000310085	40.16479287

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.0250	0.02499740	0.99968752	0.025005210	39.99166632	1.000312581	40.00416697
0.0251	0.02509736	0.99968501	0.025105272	39.83227043	1.000315088	39.84482109
0.0252	0.02519733	0.99968250	0.025205336	39.67413933	1.000317604	39.68673999
0.0253	0.02529730	0.99967997	0.025305399	39.51725801	1.000320130	39.52990868
0.0254	0.02539727	0.99967744	0.025405464	39.36161171	1.000322667	39.37431239
0.0255	0.02549724	0.99967489	0.025505529	39.20718591	1.000325213	39.21993660
0.0256	0.02559720	0.99967234	0.025605594	39.05396629	1.000327770	39.06676699
0.0257	0.02569717	0.99966977	0.025705660	38.90193879	1.000330336	38.91478950
0.0258	0.02579714	0.99966720	0.025805726	38.75108954	1.000332912	38.76399026
0.0259	0.02589710	0.99966461	0.025905793	38.60140489	1.000335499	38.61435562
0.0260	0.02599707	0.99966202	0.026005860	38.45287140	1.000338095	38.46587214
0.0261	0.02609704	0.99965941	0.026105928	38.30547585	1.000340702	38.31852659
0.0262	0.02619700	0.99965680	0.026205997	38.15920520	1.000343318	38.17230595
0.0263	0.02629697	0.99965417	0.026306065	38.01404662	1.000345945	38.02719738
0.0264	0.02639693	0.99965154	0.026406135	37.86998747	1.000348581	37.88318824
0.0265	0.02649690	0.99964890	0.026506205	37.72701531	1.000351228	37.74026609
0.0266	0.02659686	0.99964624	0.026606275	37.58511788	1.000353884	37.59841866
0.0267	0.02669683	0.99964358	0.026706347	37.44428310	1.000356551	37.45763389
0.0268	0.02679679	0.99964090	0.026806418	37.30449908	1.000359228	37.31789988
0.0269	0.02689676	0.99963822	0.026906490	37.16575409	1.000361914	37.17920490
0.0270	0.02699672	0.99963552	0.027006563	37.02803660	1.000364611	37.04153742
0.0271	0.02709668	0.99963282	0.027106636	36.89133523	1.000367317	36.90488606
0.0272	0.02719665	0.99963010	0.027206710	36.75563877	1.000370034	36.76923961
0.0273	0.02729661	0.99962738	0.027306784	36.62093618	1.000372761	36.63458703
0.0274	0.02739657	0.99962464	0.027406859	36.48721657	1.000375497	36.50091743
0.0275	0.02749653	0.99962190	0.027506934	36.35446924	1.000378244	36.36822010
0.0276	0.02759650	0.99961914	0.027607010	36.22268359	1.000381001	36.23648447
0.0277	0.02769646	0.99961638	0.027707087	36.09184923	1.000383768	36.10570011
0.0278	0.02779642	0.99961360	0.027807164	35.96195588	1.000386544	35.97585677
0.0279	0.02789638	0.99961082	0.027907241	35.83299342	1.000389331	35.84694433
0.0280	0.02799634	0.99960803	0.028007320	35.70495189	1.000392128	35.71895281
0.0281	0.02809630	0.99960522	0.028107398	35.57782145	1.000394935	35.59187238
0.0282	0.02819626	0.99960241	0.028207478	35.45159241	1.000397752	35.46569334
0.0283	0.02829622	0.99959958	0.028307557	35.32625521	1.000400579	35.34040615
0.0284	0.02839618	0.99959675	0.028407638	35.20180043	1.000403416	35.21600138
0.0285	0.02849614	0.99959390	0.028507719	35.07821878	1.000406262	35.09246975
0.0286	0.02859610	0.99959105	0.028607800	34.95550111	1.000409119	34.96980209
0.0287	0.02869606	0.99958818	0.028707883	34.83363838	1.000411986	34.84798937
0.0288	0.02879602	0.99958531	0.028807965	34.71262169	1.000414863	34.72702269
0.0289	0.02889598	0.99958242	0.028908049	34.59244226	1.000417750	34.60689326
0.0290	0.02899594	0.99957953	0.029008132	34.47309141	1.000420647	34.48759243
0.0291	0.02909589	0.99957662	0.029108217	34.35456062	1.000423554	34.36911165
0.0292	0.02919585	0.99957371	0.029208302	34.23684146	1.000426472	34.25144249
0.0293	0.02929581	0.99957079	0.029308387	34.11992561	1.000429399	34.13457665
0.0294	0.02939576	0.99956785	0.029408474	34.00380488	1.000432336	34.01850594
0.0295	0.02949572	0.99956491	0.029508560	33.88847118	1.000435283	33.90322225
0.0296	0.02959568	0.99956195	0.029608648	33.77391654	1.000438240	33.78871762
0.0297	0.02969563	0.99955899	0.029708736	33.66013309	1.000441207	33.67498418
0.0298	0.02979559	0.99955601	0.029808824	33.54711306	1.000444184	33.56201416
0.0299	0.02989555	0.99955303	0.029908913	33.43484879	1.000447172	33.44979991

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.0300	0.02999550	0.99955003	0.030009003	33.32333273	1.000450169	33.33833386
0.0301	0.03009546	0.99954703	0.030109094	33.21255742	1.000453176	33.22760856
0.0302	0.03019541	0.99954401	0.030209185	33.10251550	1.000456193	33.11761665
0.0303	0.03029536	0.99954099	0.030309276	32.99319971	1.000459221	33.00835087
0.0304	0.03039532	0.99953796	0.030409368	32.88460288	1.000462258	32.89980405
0.0305	0.03049527	0.99953491	0.030509461	32.77671795	1.000465305	32.79196913
0.0306	0.03059522	0.99953186	0.030609554	32.66953793	1.000468363	32.68483912
0.0307	0.03069518	0.99952879	0.030709648	32.56305593	1.000471430	32.57840713
0.0308	0.03079513	0.99952572	0.030809743	32.45726515	1.000474508	32.47266637
0.0309	0.03089508	0.99952263	0.030909838	32.35215889	1.000477595	32.36761012
0.0310	0.03099504	0.99951954	0.031009934	32.24773052	1.000480692	32.26323176
0.0311	0.03109499	0.99951643	0.031110031	32.14397350	1.000483800	32.15952475
0.0312	0.03119494	0.99951332	0.031210128	32.04088138	1.000486917	32.05648264
0.0313	0.03129489	0.99951019	0.031310225	31.93844777	1.000490045	31.95409905
0.0314	0.03139484	0.99950706	0.031410324	31.83666640	1.000493183	31.85236769
0.0315	0.03149479	0.99950392	0.031510423	31.73553105	1.000496330	31.75128235
0.0316	0.03159474	0.99950076	0.031610522	31.63503559	1.000499488	31.65083690
0.0317	0.03169469	0.99949760	0.031710623	31.53517395	1.000502655	31.55102528
0.0318	0.03179464	0.99949442	0.031810723	31.43594017	1.000505833	31.45184151
0.0319	0.03189459	0.99949124	0.031910825	31.33732833	1.000509021	31.35327968
0.0320	0.03199454	0.99948804	0.032010927	31.23933261	1.000512219	31.25533397
0.0321	0.03209449	0.99948484	0.032111030	31.14194724	1.000515426	31.15799862
0.0322	0.03219444	0.99948162	0.032211133	31.04516655	1.000518644	31.06126794
0.0323	0.03229438	0.99947840	0.032311237	30.94898491	1.000521872	30.96513631
0.0324	0.03239433	0.99947517	0.032411342	30.85339678	1.000525110	30.86959819
0.0325	0.03249428	0.99947192	0.032511448	30.75839667	1.000528358	30.77464810
0.0326	0.03259423	0.99946867	0.032611554	30.66397919	1.000531615	30.68028063
0.0327	0.03269417	0.99946540	0.032711660	30.57013898	1.000534883	30.58649044
0.0328	0.03279412	0.99946213	0.032811768	30.47687076	1.000538161	30.49327223
0.0329	0.03289407	0.99945884	0.032911876	30.38416932	1.000541449	30.40062080
0.0330	0.03299401	0.99945555	0.033011984	30.29202950	1.000544747	30.30853100
0.0331	0.03309396	0.99945225	0.033112094	30.20044622	1.000548055	30.21699773
0.0332	0.03319390	0.99944893	0.033212204	30.10941445	1.000551373	30.12601597
0.0333	0.03329385	0.99944561	0.033312314	30.01892921	1.000554701	30.03558075
0.0334	0.03339379	0.99944227	0.033412425	29.92898560	1.000558039	29.94568715
0.0335	0.03349373	0.99943893	0.033512537	29.83957877	1.000561388	29.85633033
0.0336	0.03359368	0.99943557	0.033612650	29.75070392	1.000564746	29.76750550
0.0337	0.03369362	0.99943221	0.033712763	29.66235632	1.000568114	29.67920791
0.0338	0.03379356	0.99942883	0.033812877	29.57453129	1.000571492	29.59143290
0.0339	0.03389351	0.99942545	0.033912992	29.48722421	1.000574880	29.50417583
0.0340	0.03399345	0.99942206	0.034013107	29.40043050	1.000578279	29.41743214
0.0341	0.03409339	0.99941865	0.034113223	29.31414565	1.000581687	29.33119730
0.0342	0.03419333	0.99941524	0.034213340	29.22836519	1.000585105	29.24546686
0.0343	0.03429327	0.99941181	0.034313458	29.14308472	1.000588533	29.16023640
0.0344	0.03439322	0.99940838	0.034413576	29.05829987	1.000591972	29.07550157
0.0345	0.03449316	0.99940493	0.034513694	28.97400633	1.000595420	28.99125804
0.0346	0.03459310	0.99940148	0.034613814	28.89019985	1.000598879	28.90750158
0.0347	0.03469304	0.99939802	0.034713934	28.80687621	1.000602347	28.82422795
0.0348	0.03479298	0.99939454	0.034814055	28.72403125	1.000605826	28.74143300
0.0349	0.03489292	0.99939106	0.034914176	28.64166085	1.000609314	28.65911262

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.0350	0.03499285	0.99938756	0.035014299	28.55976095	1.000612813	28.57726274
0.0351	0.03509279	0.99938406	0.035114422	28.47832753	1.000616321	28.49587933
0.0352	0.03519273	0.99938054	0.035214545	28.39735661	1.000619840	28.41495842
0.0353	0.03529267	0.99937702	0.035314670	28.31684425	1.000623369	28.33449609
0.0354	0.03539261	0.99937349	0.035414795	28.23678659	1.000626907	28.25448843
0.0355	0.03549254	0.99936994	0.035514920	28.15717976	1.000630456	28.17493162
0.0356	0.03559248	0.99936639	0.035615047	28.07801997	1.000634015	28.09582185
0.0357	0.03569242	0.99936282	0.035715174	27.99930347	1.000637584	28.01715537
0.0358	0.03579235	0.99935925	0.035815302	27.92102654	1.000641162	27.93892845
0.0359	0.03589229	0.99935566	0.035915431	27.84318551	1.000644751	27.86113744
0.0360	0.03599222	0.99935207	0.036015560	27.76577674	1.000648350	27.78377869
0.0361	0.03609216	0.99934847	0.036115690	27.68879665	1.000651959	27.70684861
0.0362	0.03619209	0.99934485	0.036215821	27.61224167	1.000655578	27.63034365
0.0363	0.03629203	0.99934123	0.036315952	27.53610830	1.000659207	27.55426030
0.0364	0.03639196	0.99933759	0.036416085	27.46039307	1.000662846	27.47859508
0.0365	0.03649190	0.99933395	0.036516218	27.38509253	1.000666495	27.40334455
0.0366	0.03659183	0.99933029	0.036616351	27.31020328	1.000670154	27.32850532
0.0367	0.03669176	0.99932663	0.036716486	27.23572197	1.000673823	27.25407403
0.0368	0.03679169	0.99932296	0.036816621	27.16164527	1.000677502	27.18004735
0.0369	0.03689163	0.99931927	0.036916757	27.08796989	1.000681191	27.10642198
0.0370	0.03699156	0.99931558	0.037016894	27.01469257	1.000684891	27.03319468
0.0371	0.03709149	0.99931187	0.037117031	26.94181010	1.000688600	26.96036222
0.0372	0.03719142	0.99930816	0.037217169	26.86931929	1.000692319	26.88792143
0.0373	0.03729135	0.99930444	0.037317308	26.79721699	1.000696048	26.81586915
0.0374	0.03739128	0.99930070	0.037417448	26.72550009	1.000699788	26.74420226
0.0375	0.03749121	0.99929696	0.037517588	26.65416550	1.000703537	26.67291769
0.0376	0.03759114	0.99929320	0.037617729	26.58321017	1.000707297	26.60201238
0.0377	0.03769107	0.99928944	0.037717871	26.51263108	1.000711066	26.53148331
0.0378	0.03779100	0.99928567	0.037818014	26.44242525	1.000714846	26.46132750
0.0379	0.03789093	0.99928188	0.037918157	26.37258973	1.000718635	26.39154200
0.0380	0.03799086	0.99927809	0.038018301	26.30312159	1.000722435	26.32212387
0.0381	0.03809078	0.99927428	0.038118446	26.23401793	1.000726244	26.25307024
0.0382	0.03819071	0.99927047	0.038218592	26.16527590	1.000730064	26.18437822
0.0383	0.03829064	0.99926664	0.038318738	26.09689266	1.000733894	26.11604500
0.0384	0.03839056	0.99926281	0.038418886	26.02886541	1.000737733	26.04806777
0.0385	0.03849049	0.99925897	0.038519033	25.96119137	1.000741583	25.98044375
0.0386	0.03859042	0.99925511	0.038619182	25.89386781	1.000745443	25.91317020
0.0387	0.03869034	0.99925125	0.038719332	25.82689199	1.000749313	25.84624441
0.0388	0.03879027	0.99924737	0.038819482	25.76026124	1.000753192	25.77966368
0.0389	0.03889019	0.99924349	0.038919633	25.69397290	1.000757082	25.71342535
0.0390	0.03899011	0.99923960	0.039019785	25.62802432	1.000760982	25.64752680
0.0391	0.03909004	0.99923569	0.039119938	25.56241291	1.000764892	25.58196540
0.0392	0.03918996	0.99923178	0.039220091	25.49713608	1.000768812	25.51673859
0.0393	0.03928988	0.99922785	0.039320245	25.43219127	1.000772742	25.45184380
0.0394	0.03938981	0.99922392	0.039420400	25.36757597	1.000776682	25.38727852
0.0395	0.03948973	0.99921998	0.039520556	25.30328766	1.000780632	25.32304023
0.0396	0.03958965	0.99921602	0.039620713	25.23932387	1.000784593	25.25912646
0.0397	0.03968957	0.99921206	0.039720870	25.17568215	1.000788563	25.19553476
0.0398	0.03978949	0.99920808	0.039821028	25.11236007	1.000792543	25.13226270
0.0399	0.03988941	0.99920410	0.039921187	25.04935523	1.000796533	25.06930788

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.0400	0.03998933	0.99920011	0.040021347	24.98666524	1.000800534	25.00666791
0.0401	0.04008925	0.99919610	0.040121508	24.92428776	1.000804544	24.94434045
0.0402	0.04018917	0.99919209	0.040221669	24.86222045	1.000808564	24.88232315
0.0403	0.04028909	0.99918806	0.040321831	24.80046099	1.000812595	24.82061372
0.0404	0.04038901	0.99918403	0.040421994	24.73900711	1.000816635	24.75920986
0.0405	0.04048893	0.99917999	0.040522158	24.67785655	1.000820686	24.69810932
0.0406	0.04058885	0.99917593	0.040622323	24.61700705	1.000824746	24.63730984
0.0407	0.04068876	0.99917187	0.040722488	24.55645640	1.000828817	24.57680922
0.0408	0.04078868	0.99916780	0.040822654	24.49620241	1.000832898	24.51660524
0.0409	0.04088860	0.99916371	0.040922821	24.43624290	1.000836988	24.45669575
0.0410	0.04098851	0.99915962	0.041022989	24.37657570	1.000841089	24.39707858
0.0411	0.04108843	0.99915551	0.041123158	24.31719870	1.000845200	24.33775159
0.0412	0.04118835	0.99915140	0.041223327	24.25810977	1.000849321	24.27871269
0.0413	0.04128826	0.99914728	0.041323498	24.19930683	1.000853452	24.21995976
0.0414	0.04138817	0.99914314	0.041423669	24.14078780	1.000857592	24.16149075
0.0415	0.04148809	0.99913900	0.041523841	24.08255062	1.000861743	24.10330360
0.0416	0.04158800	0.99913484	0.041624014	24.02459327	1.000865904	24.04539627
0.0417	0.04168792	0.99913068	0.041724187	23.96691374	1.000870075	23.98776676
0.0418	0.04178783	0.99912651	0.041824362	23.90951002	1.000874256	23.93041306
0.0419	0.04188774	0.99912232	0.041924537	23.85238015	1.000878448	23.87333321
0.0420	0.04198765	0.99911813	0.042024713	23.79552216	1.000882649	23.81652525
0.0421	0.04208756	0.99911393	0.042124890	23.73893413	1.000886860	23.75998724
0.0422	0.04218748	0.99910971	0.042225068	23.68261413	1.000891081	23.70371726
0.0423	0.04228739	0.99910549	0.042325247	23.62656026	1.000895312	23.64771341
0.0424	0.04238730	0.99910125	0.042425427	23.57077063	1.000899554	23.59197381
0.0425	0.04248721	0.99909701	0.042525607	23.51524339	1.000903805	23.53649659
0.0426	0.04258712	0.99909276	0.042625788	23.45997669	1.000908067	23.48127991
0.0427	0.04268703	0.99908849	0.042725970	23.40496868	1.000912338	23.42632193
0.0428	0.04278693	0.99908422	0.042826153	23.35021757	1.000916620	23.37162084
0.0429	0.04288684	0.99907994	0.042926337	23.29572156	1.000920911	23.31717485
0.0430	0.04298675	0.99907564	0.043026522	23.24147885	1.000925213	23.26298217
0.0431	0.04308666	0.99907134	0.043126708	23.18748770	1.000929524	23.20904104
0.0432	0.04318656	0.99906703	0.043226894	23.13374636	1.000933846	23.15534972
0.0433	0.04328647	0.99906270	0.043327081	23.08025308	1.000938178	23.10190647
0.0434	0.04338638	0.99905837	0.043427269	23.02700617	1.000942520	23.04870958
0.0435	0.04348628	0.99905402	0.043527458	22.97400392	1.000946872	22.99575735
0.0436	0.04358619	0.99904967	0.043627648	22.92124464	1.000951233	22.94304810
0.0437	0.04368609	0.99904531	0.043727839	22.86872667	1.000955605	22.89058015
0.0438	0.04378600	0.99904093	0.043828031	22.81644836	1.000959987	22.83835186
0.0439	0.04388590	0.99903655	0.043928223	22.76440807	1.000964379	22.78636159
0.0440	0.04398580	0.99903216	0.044028417	22.71260417	1.000968781	22.73460772
0.0441	0.04408571	0.99902775	0.044128611	22.66103505	1.000973194	22.68308863
0.0442	0.04418561	0.99902334	0.044228806	22.60969914	1.000977616	22.63180274
0.0443	0.04428551	0.99901892	0.044329002	22.55859483	1.000982048	22.58074845
0.0444	0.04438541	0.99901448	0.044429199	22.50772058	1.000986490	22.52992422
0.0445	0.04448531	0.99901004	0.044529397	22.45707482	1.000990943	22.47932849
0.0446	0.04458522	0.99900558	0.044629596	22.40665603	1.000995405	22.42895972
0.0447	0.04468512	0.99900112	0.044729795	22.35646267	1.000999877	22.37881639
0.0448	0.04478502	0.99899665	0.044829996	22.30649324	1.001004360	22.32889699
0.0449	0.04488492	0.99899216	0.044930197	22.25674624	1.001008852	22.27920002

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.0450	0.04498481	0.99898767	0.045030400	22.20722020	1.001013355	22.22972399
0.0451	0.04508471	0.99898317	0.045130603	22.15791363	1.001017868	22.18046745
0.0452	0.04518461	0.99897865	0.045230807	22.10882509	1.001022390	22.13142893
0.0453	0.04528451	0.99897413	0.045331012	22.05995312	1.001026923	22.08260700
0.0454	0.04538441	0.99896960	0.045431218	22.01129630	1.001031466	22.03400021
0.0455	0.04548430	0.99896505	0.045531425	21.96285322	1.001036019	21.98560714
0.0456	0.04558420	0.99896050	0.045631633	21.91462245	1.001040582	21.93742641
0.0457	0.04568409	0.99895594	0.045731841	21.86660262	1.001045154	21.88945660
0.0458	0.04578399	0.99895136	0.045832051	21.81879233	1.001049737	21.84169634
0.0459	0.04588388	0.99894678	0.045932261	21.77119023	1.001054331	21.79414425
0.0460	0.04598378	0.99894219	0.046032473	21.72379494	1.001058934	21.74679899
0.0461	0.04608367	0.99893758	0.046132685	21.67660512	1.001063547	21.69965921
0.0462	0.04618357	0.99893297	0.046232898	21.62961945	1.001068170	21.65272356
0.0463	0.04628346	0.99892835	0.046333113	21.58283660	1.001072803	21.60599073
0.0464	0.04638335	0.99892371	0.046433328	21.53625525	1.001077447	21.55945941
0.0465	0.04648324	0.99891907	0.046533544	21.48987411	1.001082100	21.51312830
0.0466	0.04658314	0.99891442	0.046633761	21.44369188	1.001086763	21.46699610
0.0467	0.04668303	0.99890975	0.046733979	21.39770730	1.001091437	21.42106155
0.0468	0.04678292	0.99890508	0.046834198	21.35191909	1.001096120	21.37532336
0.0469	0.04688281	0.99890040	0.046934418	21.30632599	1.001100814	21.32978029
0.0470	0.04698270	0.99889570	0.047034638	21.26092677	1.001105518	21.28443110
0.0471	0.04708259	0.99889100	0.047134860	21.21572018	1.001110231	21.23927454
0.0472	0.04718248	0.99888629	0.047235083	21.17070501	1.001114955	21.19430939
0.0473	0.04728236	0.99888156	0.047335306	21.12588003	1.001119689	21.14953444
0.0474	0.04738225	0.99887683	0.047435531	21.08124405	1.001124433	21.10494849
0.0475	0.04748214	0.99887209	0.047535756	21.03679586	1.001129187	21.06055033
0.0476	0.04758203	0.99886733	0.047635983	20.99253430	1.001133951	21.01633879
0.0477	0.04768191	0.99886257	0.047736210	20.94845817	1.001138725	20.97231270
0.0478	0.04778180	0.99885780	0.047836438	20.90456633	1.001143509	20.92847088
0.0479	0.04788169	0.99885301	0.047936668	20.86085761	1.001148303	20.88481219
0.0480	0.04798157	0.99884822	0.048036898	20.81733087	1.001153107	20.84133548
0.0481	0.04808145	0.99884342	0.048137129	20.77398498	1.001157921	20.79803962
0.0482	0.04818134	0.99883860	0.048237361	20.73081881	1.001162746	20.75492348
0.0483	0.04828122	0.99883378	0.048337595	20.68783124	1.001167580	20.71198594
0.0484	0.04838111	0.99882895	0.048437829	20.64502117	1.001172424	20.66922590
0.0485	0.04848099	0.99882411	0.048538064	20.60238750	1.001177279	20.62664225
0.0486	0.04858087	0.99881925	0.048638300	20.55992914	1.001182143	20.58423392
0.0487	0.04868075	0.99881439	0.048738537	20.51764500	1.001187018	20.54199982
0.0488	0.04878063	0.99880952	0.048838775	20.47553403	1.001191903	20.49993887
0.0489	0.04888051	0.99880463	0.048939014	20.43359515	1.001196797	20.45805002
0.0490	0.04898039	0.99879974	0.049039254	20.39182732	1.001201702	20.41633222
0.0491	0.04908027	0.99879484	0.049139495	20.35022948	1.001206617	20.37478441
0.0492	0.04918015	0.99878992	0.049239737	20.30880060	1.001211542	20.33340557
0.0493	0.04928003	0.99878500	0.049339980	20.26753966	1.001216477	20.29219466
0.0494	0.04937991	0.99878007	0.049440224	20.22644563	1.001221422	20.25115066
0.0495	0.04947979	0.99877513	0.049540469	20.18551751	1.001226377	20.21027256
0.0496	0.04957967	0.99877017	0.049640715	20.14475428	1.001231342	20.16955936
0.0497	0.04967954	0.99876521	0.049740962	20.10415495	1.001236317	20.12901007
0.0498	0.04977942	0.99876024	0.049841210	20.06371854	1.001241303	20.08862369
0.0499	0.04987929	0.99875525	0.049941458	20.02344406	1.001246298	20.04839924

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.0500	0.04997917	0.99875026	0.050041708	19.98333055	1.001251303	20.00833577
0.0501	0.05007904	0.99874526	0.050141959	19.94337704	1.001256319	19.96843229
0.0502	0.05017892	0.99874024	0.050242211	19.90358258	1.001261344	19.92868785
0.0503	0.05027879	0.99873522	0.050342464	19.86394621	1.001266380	19.88910151
0.0504	0.05037867	0.99873019	0.050442718	19.82446700	1.001271426	19.84967233
0.0505	0.05047854	0.99872515	0.050542973	19.78514400	1.001276481	19.81039937
0.0506	0.05057841	0.99872009	0.050643229	19.74597630	1.001281547	19.77128170
0.0507	0.05067828	0.99871503	0.050743486	19.70696298	1.001286623	19.73231841
0.0508	0.05077815	0.99870996	0.050843744	19.66810312	1.001291709	19.69350859
0.0509	0.05087802	0.99870487	0.050944003	19.62939582	1.001296805	19.65485132
0.0510	0.05097789	0.99869978	0.051044263	19.59084019	1.001301911	19.61634572
0.0511	0.05107776	0.99869468	0.051144524	19.55243533	1.001307027	19.57799089
0.0512	0.05117763	0.99868957	0.051244786	19.51418035	1.001312153	19.53978594
0.0513	0.05127750	0.99868444	0.051345049	19.47607439	1.001317289	19.50173001
0.0514	0.05137737	0.99867931	0.051445313	19.43811657	1.001322436	19.46382223
0.0515	0.05147724	0.99867417	0.051545579	19.40030602	1.001327592	19.42606172
0.0516	0.05157711	0.99866902	0.051645845	19.36264191	1.001332759	19.38844763
0.0517	0.05167697	0.99866385	0.051746112	19.32512336	1.001337935	19.35097912
0.0518	0.05177684	0.99865868	0.051846380	19.28774955	1.001343122	19.31365534
0.0519	0.05187670	0.99865350	0.051946650	19.25051963	1.001348318	19.27647545
0.0520	0.05197657	0.99864830	0.052046920	19.21343277	1.001353525	19.23943863
0.0521	0.05207643	0.99864310	0.052147191	19.17648816	1.001358742	19.20254405
0.0522	0.05217630	0.99863789	0.052247464	19.13968496	1.001363969	19.16579089
0.0523	0.05227616	0.99863267	0.052347737	19.10302238	1.001369205	19.12917834
0.0524	0.05237602	0.99862743	0.052448012	19.06649960	1.001374452	19.09270560
0.0525	0.05247589	0.99862219	0.052548288	19.03011583	1.001379709	19.05637186
0.0526	0.05257575	0.99861694	0.052648564	18.99387028	1.001384977	19.02017634
0.0527	0.05267561	0.99861168	0.052748842	18.95776215	1.001390254	18.98411825
0.0528	0.05277547	0.99860640	0.052849121	18.92179067	1.001395541	18.94819680
0.0529	0.05287533	0.99860112	0.052949401	18.88595506	1.001400838	18.91241123
0.0530	0.05297519	0.99859583	0.053049681	18.85025455	1.001406146	18.87676076
0.0531	0.05307505	0.99859053	0.053149963	18.81468839	1.001411463	18.84124463
0.0532	0.05317491	0.99858521	0.053250246	18.77925580	1.001416791	18.80586208
0.0533	0.05327477	0.99857989	0.053350531	18.74395605	1.001422128	18.77061236
0.0534	0.05337462	0.99857456	0.053450816	18.70878838	1.001427476	18.73549472
0.0535	0.05347448	0.99856922	0.053551102	18.67375205	1.001432834	18.70050843
0.0536	0.05357434	0.99856386	0.053651389	18.63884633	1.001438202	18.66565275
0.0537	0.05367419	0.99855850	0.053751678	18.60407049	1.001443579	18.63092694
0.0538	0.05377405	0.99855313	0.053851967	18.56942380	1.001448967	18.59633029
0.0539	0.05387391	0.99854775	0.053952258	18.53490555	1.001454365	18.56186208
0.0540	0.05397376	0.99854235	0.054052549	18.50051502	1.001459774	18.52752158
0.0541	0.05407361	0.99853695	0.054152842	18.46625150	1.001465192	18.49330810
0.0542	0.05417347	0.99853154	0.054253136	18.43211430	1.001470620	18.45922093
0.0543	0.05427332	0.99852612	0.054353431	18.39810270	1.001476058	18.42525938
0.0544	0.05437317	0.99852068	0.054453727	18.36421603	1.001481507	18.39142274
0.0545	0.05447302	0.99851524	0.054554024	18.33045359	1.001486965	18.35771034
0.0546	0.05457288	0.99850979	0.054654322	18.29681470	1.001492434	18.32412148
0.0547	0.05467273	0.99850433	0.054754621	18.26329868	1.001497912	18.29065550
0.0548	0.05477258	0.99849886	0.054854922	18.22990486	1.001503401	18.25731172
0.0549	0.05487243	0.99849337	0.054955223	18.19663257	1.001508900	18.22408947

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.0550	0.05497228	0.99848788	0.055055526	18.16348115	1.001514409	18.19098809
0.0551	0.05507212	0.99848238	0.055155829	18.13044994	1.001519928	18.15800691
0.0552	0.05517197	0.99847687	0.055256134	18.09753829	1.001525457	18.12514530
0.0553	0.05527182	0.99847134	0.055356440	18.06474555	1.001530996	18.09240260
0.0554	0.05537167	0.99846581	0.055456747	18.03207107	1.001536545	18.05977816
0.0555	0.05547151	0.99846027	0.055557055	17.99951422	1.001542104	18.02727134
0.0556	0.05557136	0.99845472	0.055657364	17.96707436	1.001547673	17.99488152
0.0557	0.05567120	0.99844916	0.055757674	17.93475086	1.001553253	17.96260806
0.0558	0.05577105	0.99844358	0.055857986	17.90254309	1.001558842	17.93045033
0.0559	0.05587089	0.99843800	0.055958298	17.87045044	1.001564442	17.89840772
0.0560	0.05597074	0.99843241	0.056058612	17.83847229	1.001570051	17.86647961
0.0561	0.05607058	0.99842681	0.056158927	17.80660802	1.001575671	17.83466538
0.0562	0.05617042	0.99842120	0.056259243	17.77485703	1.001581301	17.80296442
0.0563	0.05627026	0.99841557	0.056359560	17.74321871	1.001586941	17.77137615
0.0564	0.05637010	0.99840994	0.056459878	17.71169247	1.001592591	17.73989994
0.0565	0.05646994	0.99840430	0.056560198	17.68027770	1.001598251	17.70853522
0.0566	0.05656978	0.99839865	0.056660518	17.64897383	1.001603921	17.67728138
0.0567	0.05666962	0.99839299	0.056760840	17.61778025	1.001609601	17.64613785
0.0568	0.05676946	0.99838731	0.056861162	17.58669640	1.001615291	17.61510403
0.0569	0.05686930	0.99838163	0.056961486	17.55572168	1.001620992	17.58417936
0.0570	0.05696914	0.99837594	0.057061811	17.52485553	1.001626702	17.55336325
0.0571	0.05706898	0.99837024	0.057162138	17.49409738	1.001632423	17.52265514
0.0572	0.05716881	0.99836453	0.057262465	17.46344666	1.001638153	17.49205446
0.0573	0.05726865	0.99835880	0.057362793	17.43290280	1.001643894	17.46156064
0.0574	0.05736849	0.99835307	0.057463123	17.40246525	1.001649645	17.43117313
0.0575	0.05746832	0.99834733	0.057563454	17.37213346	1.001655405	17.40089138
0.0576	0.05756815	0.99834158	0.057663786	17.34190686	1.001661176	17.37071483
0.0577	0.05766799	0.99833582	0.057764119	17.31178493	1.001666957	17.34064293
0.0578	0.05776782	0.99833004	0.057864453	17.28176710	1.001672748	17.31067515
0.0579	0.05786765	0.99832426	0.057964788	17.25185285	1.001678550	17.28081094
0.0580	0.05796749	0.99831847	0.058065125	17.22204164	1.001684361	17.25104977
0.0581	0.05806732	0.99831267	0.058165463	17.19233293	1.001690182	17.22139111
0.0582	0.05816715	0.99830686	0.058265802	17.16272620	1.001696014	17.19183442
0.0583	0.05826698	0.99830104	0.058366142	17.13322092	1.001701855	17.16237918
0.0584	0.05836681	0.99829520	0.058466483	17.10381658	1.001707707	17.13302488
0.0585	0.05846664	0.99828936	0.058566825	17.07451264	1.001713568	17.10377099
0.0586	0.05856647	0.99828351	0.058667169	17.04530861	1.001719440	17.07461700
0.0587	0.05866630	0.99827765	0.058767514	17.01620396	1.001725322	17.04556240
0.0588	0.05876612	0.99827178	0.058867860	16.98719820	1.001731214	17.01660668
0.0589	0.05886595	0.99826590	0.058968207	16.95829082	1.001737116	16.98774933
0.0590	0.05896578	0.99826000	0.059068555	16.92948131	1.001743028	16.95898987
0.0591	0.05906560	0.99825410	0.059168905	16.90076919	1.001748950	16.93032779
0.0592	0.05916543	0.99824819	0.059269255	16.87215395	1.001754883	16.90176259
0.0593	0.05926525	0.99824227	0.059369607	16.84363511	1.001760825	16.87329380
0.0594	0.05936508	0.99823634	0.059469960	16.81521218	1.001766777	16.84492091
0.0595	0.05946490	0.99823040	0.059570315	16.78688467	1.001772740	16.81664345
0.0596	0.05956472	0.99822445	0.059670670	16.75865212	1.001778713	16.78846094
0.0597	0.05966454	0.99821848	0.059771027	16.73051403	1.001784695	16.76037290
0.0598	0.05976437	0.99821251	0.059871385	16.70246994	1.001790688	16.73237885
0.0599	0.05986419	0.99820653	0.059971744	16.67451937	1.001796691	16.70447833

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.0600	0.05996401	0.99820054	0.060072104	16.64666186	1.001802704	16.67667087
0.0601	0.06006383	0.99819454	0.060172465	16.61889695	1.001808727	16.64895600
0.0602	0.06016365	0.99818853	0.060272828	16.59122416	1.001814760	16.62133326
0.0603	0.06026346	0.99818251	0.060373192	16.56364305	1.001820803	16.59380219
0.0604	0.06036328	0.99817647	0.060473557	16.53615316	1.001826857	16.56636234
0.0605	0.06046310	0.99817043	0.060573923	16.50875403	1.001832920	16.53901326
0.0606	0.06056292	0.99816438	0.060674291	16.48144522	1.001838994	16.51175449
0.0607	0.06066273	0.99815832	0.060774660	16.45422627	1.001845077	16.48458560
0.0608	0.06076255	0.99815225	0.060875030	16.42709676	1.001851171	16.45750613
0.0609	0.06086236	0.99814617	0.060975401	16.40005623	1.001857275	16.43051564
0.0610	0.06096218	0.99814008	0.061075773	16.37310424	1.001863389	16.40361371
0.0611	0.06106199	0.99813398	0.061176147	16.34624037	1.001869513	16.37679988
0.0612	0.06116180	0.99812786	0.061276522	16.31946419	1.001875647	16.35007374
0.0613	0.06126162	0.99812174	0.061376898	16.29277525	1.001881791	16.32343485
0.0614	0.06136143	0.99811561	0.061477275	16.26617314	1.001887946	16.29688279
0.0615	0.06146124	0.99810947	0.061577654	16.23965743	1.001894110	16.27041713
0.0616	0.06156105	0.99810332	0.061678033	16.21322770	1.001900284	16.24403745
0.0617	0.06166086	0.99809716	0.061778414	16.18688354	1.001906469	16.21774333
0.0618	0.06176067	0.99809099	0.061878797	16.16062453	1.001912664	16.19153436
0.0619	0.06186048	0.99808481	0.061979180	16.13445025	1.001918868	16.16541013
0.0620	0.06196029	0.99807862	0.062079565	16.10836029	1.001925083	16.13937023
0.0621	0.06206009	0.99807241	0.062179951	16.08235426	1.001931308	16.11341424
0.0622	0.06215990	0.99806620	0.062280338	16.05643174	1.001937543	16.08754177
0.0623	0.06225971	0.99805998	0.062380727	16.03059232	1.001943788	16.06175240
0.0624	0.06235951	0.99805375	0.062481117	16.00483562	1.001950044	16.03604575
0.0625	0.06245932	0.99804751	0.062581508	15.97916124	1.001956309	16.01042142
0.0626	0.06255912	0.99804126	0.062681900	15.95356877	1.001962584	15.98487900
0.0627	0.06265893	0.99803500	0.062782293	15.92805784	1.001968870	15.95941811
0.0628	0.06275873	0.99802873	0.062882688	15.90262804	1.001975166	15.93403836
0.0629	0.06285853	0.99802245	0.062983084	15.87727899	1.001981471	15.90873937
0.0630	0.06295833	0.99801616	0.063083482	15.85201031	1.001987787	15.88352074
0.0631	0.06305814	0.99800986	0.063183880	15.82682162	1.001994113	15.85838209
0.0632	0.06315794	0.99800354	0.063284280	15.80171253	1.002000449	15.83332305
0.0633	0.06325774	0.99799722	0.063384681	15.77668267	1.002006795	15.80834324
0.0634	0.06335754	0.99799089	0.063485084	15.75173166	1.002013152	15.78344229
0.0635	0.06345733	0.99798455	0.063585487	15.72685914	1.002019518	15.75861981
0.0636	0.06355713	0.99797820	0.063685892	15.70206472	1.002025894	15.73387545
0.0637	0.06365693	0.99797184	0.063786298	15.67734805	1.002032281	15.70920882
0.0638	0.06375673	0.99796547	0.063886706	15.65270875	1.002038677	15.68461958
0.0639	0.06385652	0.99795909	0.063987115	15.62814647	1.002045084	15.66010735
0.0640	0.06395632	0.99795270	0.064087525	15.60366084	1.002051501	15.63567177
0.0641	0.06405611	0.99794630	0.064187936	15.57925150	1.002057928	15.61131248
0.0642	0.06415591	0.99793989	0.064288349	15.55491811	1.002064365	15.58702913
0.0643	0.06425570	0.99793347	0.064388763	15.53066029	1.002070812	15.56282137
0.0644	0.06435549	0.99792704	0.064489178	15.50647771	1.002077270	15.53868884
0.0645	0.06445529	0.99792060	0.064589594	15.48237000	1.002083737	15.51463119
0.0646	0.06455508	0.99791415	0.064690012	15.45833683	1.002090214	15.49064807
0.0647	0.06465487	0.99790769	0.064790431	15.43437785	1.002096702	15.46673914
0.0648	0.06475466	0.99790121	0.064890852	15.41049272	1.002103200	15.44290406
0.0649	0.06485445	0.99789473	0.064991274	15.38668108	1.002109707	15.41914248

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.0650	0.06495424	0.99788824	0.065091697	15.36294261	1.002116225	15.39545406
0.0651	0.06505403	0.99788174	0.065192121	15.33927697	1.002122753	15.37183847
0.0652	0.06515382	0.99787523	0.065292547	15.31568382	1.002129291	15.34829537
0.0653	0.06525360	0.99786871	0.065392974	15.29216283	1.002135840	15.32482443
0.0654	0.06535339	0.99786218	0.065493402	15.26871366	1.002142398	15.30142532
0.0655	0.06545317	0.99785564	0.065593831	15.24533599	1.002148966	15.27809771
0.0656	0.06555296	0.99784909	0.065694262	15.22202950	1.002155545	15.25484126
0.0657	0.06565274	0.99784253	0.065794695	15.19879385	1.002162134	15.23165567
0.0658	0.06575253	0.99783596	0.065895128	15.17562872	1.002168732	15.20854060
0.0659	0.06585231	0.99782938	0.065995563	15.15253380	1.002175341	15.18549573
0.0660	0.06595209	0.99782279	0.066095999	15.12950876	1.002181960	15.16252074
0.0661	0.06605188	0.99781619	0.066196437	15.10655329	1.002188589	15.13961533
0.0662	0.06615166	0.99780958	0.066296876	15.08366707	1.002195228	15.11677916
0.0663	0.06625144	0.99780296	0.066397316	15.06084978	1.002201878	15.09401193
0.0664	0.06635122	0.99779633	0.066497757	15.03810112	1.002208537	15.07131333
0.0665	0.06645100	0.99778969	0.066598200	15.01542078	1.002215207	15.04868304
0.0666	0.06655078	0.99778304	0.066698644	14.99280845	1.002221886	15.02612076
0.0667	0.06665055	0.99777638	0.066799090	14.97026382	1.002228576	15.00362619
0.0668	0.06675033	0.99776971	0.066899537	14.94778659	1.002235276	14.98119901
0.0669	0.06685011	0.99776303	0.066999985	14.92537645	1.002241986	14.95883893
0.0670	0.06694988	0.99775634	0.067100435	14.90303311	1.002248706	14.93654565
0.0671	0.06704966	0.99774964	0.067200886	14.88075627	1.002255436	14.91431887
0.0672	0.06714943	0.99774293	0.067301338	14.85854563	1.002262176	14.89215828
0.0673	0.06724921	0.99773621	0.067401791	14.83640090	1.002268927	14.87006361
0.0674	0.06734898	0.99772948	0.067502246	14.81432178	1.002275687	14.84803454
0.0675	0.06744875	0.99772274	0.067602703	14.79230798	1.002282458	14.82607080
0.0676	0.06754853	0.99771599	0.067703160	14.77035921	1.002289239	14.80417208
0.0677	0.06764830	0.99770923	0.067803620	14.74847518	1.002296030	14.78233811
0.0678	0.06774807	0.99770246	0.067904080	14.72665561	1.002302831	14.76056860
0.0679	0.06784784	0.99769568	0.068004542	14.70490021	1.002309642	14.73886326
0.0680	0.06794761	0.99768889	0.068105005	14.68320870	1.002316463	14.71722180
0.0681	0.06804738	0.99768209	0.068205469	14.66158079	1.002323294	14.69564396
0.0682	0.06814714	0.99767528	0.068305935	14.64001621	1.002330136	14.67412944
0.0683	0.06824691	0.99766846	0.068406403	14.61851468	1.002336987	14.65267797
0.0684	0.06834668	0.99766163	0.068506871	14.59707593	1.002343849	14.63128927
0.0685	0.06844644	0.99765479	0.068607341	14.57569967	1.002350721	14.60996307
0.0686	0.06854621	0.99764794	0.068707813	14.55438563	1.002357603	14.58869909
0.0687	0.06864597	0.99764108	0.068808285	14.53313355	1.002364495	14.56749706
0.0688	0.06874574	0.99763421	0.068908759	14.51194315	1.002371397	14.54635672
0.0689	0.06884550	0.99762733	0.069009235	14.49081416	1.002378309	14.52527779
0.0690	0.06894526	0.99762044	0.069109712	14.46974632	1.002385231	14.50426001
0.0691	0.06904502	0.99761354	0.069210190	14.44873936	1.002392164	14.48330311
0.0692	0.06914478	0.99760664	0.069310670	14.42779302	1.002399107	14.46240683
0.0693	0.06924454	0.99759972	0.069411151	14.40690703	1.002406059	14.44157091
0.0694	0.06934430	0.99759279	0.069511634	14.38608114	1.002413022	14.42079507
0.0695	0.06944406	0.99758585	0.069612117	14.36531508	1.002419995	14.40007907
0.0696	0.06954382	0.99757890	0.069712603	14.34460860	1.002426978	14.37942265
0.0697	0.06964358	0.99757194	0.069813089	14.32396143	1.002433972	14.35882555
0.0698	0.06974334	0.99756497	0.069913577	14.30337334	1.002440975	14.33828751
0.0699	0.06984309	0.99755799	0.070014067	14.28284405	1.002447988	14.31780829

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.0700	0.06994285	0.99755100	0.070114558	14.26237333	1.002455012	14.29738763
0.0701	0.07004260	0.99754400	0.070215050	14.24196091	1.002462046	14.27702527
0.0702	0.07014236	0.99753699	0.070315544	14.22160655	1.002469090	14.25672098
0.0703	0.07024211	0.99752997	0.070416039	14.20131001	1.002476144	14.23647449
0.0704	0.07034186	0.99752294	0.070516536	14.18107103	1.002483208	14.21628558
0.0705	0.07044161	0.99751590	0.070617034	14.16088937	1.002490282	14.19615398
0.0706	0.07054137	0.99750885	0.070717533	14.14076479	1.002497366	14.17607946
0.0707	0.07064112	0.99750180	0.070818034	14.12069705	1.002504461	14.15606178
0.0708	0.07074087	0.99749473	0.070918536	14.10068589	1.002511565	14.13610069
0.0709	0.07084061	0.99748765	0.071019040	14.08073110	1.002518680	14.11619596
0.0710	0.07094036	0.99748056	0.071119545	14.06083242	1.002525805	14.09634734
0.0711	0.07104011	0.99747346	0.071220051	14.04098962	1.002532940	14.07655460
0.0712	0.07113986	0.99746635	0.071320559	14.02120246	1.002540085	14.05681751
0.0713	0.07123960	0.99745923	0.071421069	14.00147072	1.002547240	14.03713583
0.0714	0.07133935	0.99745210	0.071521579	13.98179415	1.002554406	14.01750932
0.0715	0.07143909	0.99744496	0.071622092	13.96217253	1.002561581	13.99793776
0.0716	0.07153884	0.99743781	0.071722605	13.94260562	1.002568767	13.97842092
0.0717	0.07163858	0.99743066	0.071823120	13.92309320	1.002575963	13.95895857
0.0718	0.07173832	0.99742349	0.071923637	13.90363504	1.002583168	13.93955047
0.0719	0.07183807	0.99741631	0.072024155	13.88423091	1.002590384	13.92019641
0.0720	0.07193781	0.99740912	0.072124675	13.86488059	1.002597611	13.90089615
0.0721	0.07203755	0.99740192	0.072225195	13.84558385	1.002604847	13.88164948
0.0722	0.07213729	0.99739471	0.072325718	13.82634048	1.002612093	13.86245617
0.0723	0.07223703	0.99738749	0.072426242	13.80715024	1.002619350	13.84331600
0.0724	0.07233677	0.99738026	0.072526767	13.78801293	1.002626616	13.82422875
0.0725	0.07243650	0.99737303	0.072627294	13.76892831	1.002633893	13.80519420
0.0726	0.07253624	0.99736578	0.072727822	13.74989617	1.002641180	13.78621213
0.0727	0.07263598	0.99735852	0.072828352	13.73091631	1.002648477	13.76728233
0.0728	0.07273571	0.99735125	0.072928883	13.71198849	1.002655784	13.74840458
0.0729	0.07283545	0.99734397	0.073029415	13.69311251	1.002663102	13.72957866
0.0730	0.07293518	0.99733668	0.073129949	13.67428815	1.002670429	13.71080437
0.0731	0.07303491	0.99732938	0.073230485	13.65551521	1.002677767	13.69208149
0.0732	0.07313465	0.99732208	0.073331022	13.63679347	1.002685114	13.67340982
0.0733	0.07323438	0.99731476	0.073431560	13.61812271	1.002692472	13.65478913
0.0734	0.07333411	0.99730743	0.073532100	13.59950274	1.002699840	13.63621923
0.0735	0.07343384	0.99730009	0.073632642	13.58093335	1.002707218	13.61769990
0.0736	0.07353357	0.99729274	0.073733185	13.56241432	1.002714607	13.59923095
0.0737	0.07363330	0.99728538	0.073833729	13.54394546	1.002722005	13.58081215
0.0738	0.07373303	0.99727802	0.073934275	13.52552656	1.002729414	13.56244332
0.0739	0.07383275	0.99727064	0.074034822	13.50715742	1.002736832	13.54412425
0.0740	0.07393248	0.99726325	0.074135371	13.48883784	1.002744261	13.52585473
0.0741	0.07403221	0.99725585	0.074235922	13.47056761	1.002751700	13.50763457
0.0742	0.07413193	0.99724844	0.074336473	13.45234653	1.002759149	13.48946356
0.0743	0.07423166	0.99724102	0.074437027	13.43417441	1.002766608	13.47134152
0.0744	0.07433138	0.99723360	0.074537582	13.41605106	1.002774078	13.45326823
0.0745	0.07443110	0.99722616	0.074638138	13.39797627	1.002781557	13.43524350
0.0746	0.07453083	0.99721871	0.074738696	13.37994984	1.002789047	13.41726715
0.0747	0.07463055	0.99721125	0.074839255	13.36197159	1.002796547	13.39933897
0.0748	0.07473027	0.99720378	0.074939816	13.34404132	1.002804057	13.38145877
0.0749	0.07482999	0.99719631	0.075040378	13.32615884	1.002811577	13.36362635

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.0750	0.07492971	0.99718882	0.075140942	13.30832395	1.002819107	13.34584154
0.0751	0.07502943	0.99718132	0.075241508	13.29053648	1.002826647	13.32810414
0.0752	0.07512914	0.99717381	0.075342074	13.27279622	1.002834198	13.31041395
0.0753	0.07522886	0.99716629	0.075442643	13.25510299	1.002841758	13.29277079
0.0754	0.07532858	0.99715877	0.075543213	13.23745661	1.002849329	13.27517448
0.0755	0.07542829	0.99715123	0.075643784	13.21985688	1.002856910	13.25762482
0.0756	0.07552801	0.99714368	0.075744357	13.20230362	1.002864501	13.24012163
0.0757	0.07562772	0.99713612	0.075844932	13.18479665	1.002872102	13.22266474
0.0758	0.07572743	0.99712856	0.075945508	13.16733579	1.002879714	13.20525394
0.0759	0.07582715	0.99712098	0.076046085	13.14992085	1.002887335	13.18788907
0.0760	0.07592686	0.99711339	0.076146664	13.13255164	1.002894967	13.17056994
0.0761	0.07602657	0.99710579	0.076247245	13.11522800	1.002902609	13.15329638
0.0762	0.07612628	0.99709818	0.076347827	13.09794974	1.002910261	13.13606819
0.0763	0.07622599	0.99709057	0.076448411	13.08071669	1.002917923	13.11888520
0.0764	0.07632570	0.99708294	0.076548996	13.06352865	1.002925595	13.10174725
0.0765	0.07642541	0.99707530	0.076649583	13.04638547	1.002933277	13.08465413
0.0766	0.07652511	0.99706765	0.076750171	13.02928696	1.002940970	13.06760570
0.0767	0.07662482	0.99706000	0.076850761	13.01223295	1.002948672	13.05060176
0.0768	0.07672452	0.99705233	0.076951352	12.99522326	1.002956385	13.03364215
0.0769	0.07682423	0.99704465	0.077051945	12.97825773	1.002964108	13.01672669
0.0770	0.07692393	0.99703696	0.077152539	12.96133617	1.002971841	12.99985520
0.0771	0.07702364	0.99702927	0.077253135	12.94445842	1.002979585	12.98302753
0.0772	0.07712334	0.99702156	0.077353733	12.92762431	1.002987338	12.96624349
0.0773	0.07722304	0.99701384	0.077454332	12.91083367	1.002995101	12.94950293
0.0774	0.07732274	0.99700612	0.077554933	12.89408633	1.003002875	12.93280566
0.0775	0.07742244	0.99699838	0.077655535	12.87738212	1.003010659	12.91615153
0.0776	0.07752214	0.99699063	0.077756139	12.86072088	1.003018453	12.89954036
0.0777	0.07762184	0.99698287	0.077856744	12.84410244	1.003026257	12.88297200
0.0778	0.07772154	0.99697511	0.077957351	12.82752663	1.003034072	12.86644627
0.0779	0.07782124	0.99696733	0.078057960	12.81099330	1.003041896	12.84996301
0.0780	0.07792093	0.99695954	0.078158570	12.79450227	1.003049731	12.83352205
0.0781	0.07802063	0.99695174	0.078259182	12.77805338	1.003057575	12.81712325
0.0782	0.07812032	0.99694394	0.078359795	12.76164648	1.003065430	12.80076642
0.0783	0.07822002	0.99693612	0.078460410	12.74528141	1.003073295	12.78445142
0.0784	0.07831971	0.99692829	0.078561026	12.72895799	1.003081171	12.76817808
0.0785	0.07841940	0.99692046	0.078661644	12.71267608	1.003089056	12.75194625
0.0786	0.07851909	0.99691261	0.078762264	12.69643551	1.003096952	12.73575576
0.0787	0.07861878	0.99690475	0.078862885	12.68023613	1.003104857	12.71960646
0.0788	0.07871847	0.99689689	0.078963507	12.66407778	1.003112773	12.70349818
0.0789	0.07881816	0.99688901	0.079064132	12.64796031	1.003120699	12.68743079
0.0790	0.07891785	0.99688112	0.079164758	12.63188355	1.003128635	12.67140411
0.0791	0.07901754	0.99687323	0.079265385	12.61584736	1.003136582	12.65541800
0.0792	0.07911723	0.99686532	0.079366014	12.59985158	1.003144538	12.63947229
0.0793	0.07921691	0.99685740	0.079466645	12.58389606	1.003152505	12.62356685
0.0794	0.07931660	0.99684948	0.079567277	12.56798064	1.003160481	12.60770151
0.0795	0.07941628	0.99684154	0.079667911	12.55210518	1.003168468	12.59187613
0.0796	0.07951597	0.99683359	0.079768547	12.53626952	1.003176466	12.57609055
0.0797	0.07961565	0.99682564	0.079869184	12.52047352	1.003184473	12.56034463
0.0798	0.07971533	0.99681767	0.079969822	12.50471702	1.003192490	12.54463821
0.0799	0.07981501	0.99680969	0.080070463	12.48899988	1.003200518	12.52897115

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.0800	0.07991469	0.99680171	0.080171105	12.47332195	1.003208556	12.51334330
0.0801	0.08001437	0.99679371	0.080271748	12.45768308	1.003216604	12.49775451
0.0802	0.08011405	0.99678570	0.080372393	12.44208313	1.003224662	12.48220463
0.0803	0.08021373	0.99677769	0.080473040	12.42652194	1.003232730	12.46669353
0.0804	0.08031341	0.99676966	0.080573689	12.41099939	1.003240808	12.45122106
0.0805	0.08041308	0.99676162	0.080674339	12.39551532	1.003248897	12.43578706
0.0806	0.08051276	0.99675358	0.080774990	12.38006958	1.003256996	12.42039141
0.0807	0.08061244	0.99674552	0.080875644	12.36466204	1.003265104	12.40503396
0.0808	0.08071211	0.99673746	0.080976298	12.34929256	1.003273223	12.38971455
0.0809	0.08081178	0.99672938	0.081076955	12.33396099	1.003281353	12.37443307
0.0810	0.08091146	0.99672129	0.081177613	12.31866719	1.003289492	12.35918935
0.0811	0.08101113	0.99671320	0.081278273	12.30341103	1.003297642	12.34398327
0.0812	0.08111080	0.99670509	0.081378934	12.28819236	1.003305801	12.32881469
0.0813	0.08121047	0.99669697	0.081479597	12.27301105	1.003313971	12.31368346
0.0814	0.08131014	0.99668885	0.081580262	12.25786696	1.003322151	12.29858945
0.0815	0.08140981	0.99668071	0.081680929	12.24275995	1.003330341	12.28353252
0.0816	0.08150947	0.99667257	0.081781597	12.22768988	1.003338542	12.26851253
0.0817	0.08160914	0.99666441	0.081882266	12.21265662	1.003346752	12.25352936
0.0818	0.08170881	0.99665625	0.081982937	12.19766004	1.003354973	12.23858286
0.0819	0.08180847	0.99664807	0.082083610	12.18269999	1.003363204	12.22367290
0.0820	0.08190814	0.99663988	0.082184285	12.16777636	1.003371445	12.20879935
0.0821	0.08200780	0.99663169	0.082284961	12.15288899	1.003379696	12.19396207
0.0822	0.08210746	0.99662348	0.082385639	12.13803777	1.003387958	12.17916093
0.0823	0.08220712	0.99661527	0.082486319	12.12322256	1.003396229	12.16439580
0.0824	0.08230679	0.99660704	0.082587000	12.10844322	1.003404511	12.14966655
0.0825	0.08240645	0.99659880	0.082687683	12.09369964	1.003412803	12.13497305
0.0826	0.08250611	0.99659056	0.082788367	12.07899167	1.003421105	12.12031516
0.0827	0.08260576	0.99658230	0.082889054	12.06431918	1.003429417	12.10569277
0.0828	0.08270542	0.99657404	0.082989742	12.04968206	1.003437740	12.09110573
0.0829	0.08280508	0.99656576	0.083090431	12.03508017	1.003446072	12.07655393
0.0830	0.08290473	0.99655748	0.083191122	12.02051339	1.003454415	12.06203723
0.0831	0.08300439	0.99654918	0.083291815	12.00598158	1.003462768	12.04755551
0.0832	0.08310404	0.99654088	0.083392510	11.99148463	1.003471131	12.03310864
0.0833	0.08320370	0.99653256	0.083493206	11.97702240	1.003479504	12.01869650
0.0834	0.08330335	0.99652424	0.083593904	11.96259477	1.003487888	12.00431896
0.0835	0.08340300	0.99651590	0.083694604	11.94820162	1.003496281	11.98997590
0.0836	0.08350265	0.99650755	0.083795305	11.93384283	1.003504685	11.97566719
0.0837	0.08360230	0.99649920	0.083896008	11.91951826	1.003513099	11.96139271
0.0838	0.08370195	0.99649083	0.083996713	11.90522781	1.003521523	11.94715234
0.0839	0.08380160	0.99648246	0.084097419	11.89097133	1.003529958	11.93294596
0.0840	0.08390125	0.99647407	0.084198127	11.87674873	1.003538402	11.91877344
0.0841	0.08400090	0.99646568	0.084298837	11.86255986	1.003546857	11.90463466
0.0842	0.08410054	0.99645727	0.084399548	11.84840462	1.003555322	11.89052951
0.0843	0.08420019	0.99644886	0.084500262	11.83428288	1.003563797	11.87645786
0.0844	0.08429983	0.99644043	0.084600977	11.82019453	1.003572282	11.86241960
0.0845	0.08439948	0.99643200	0.084701693	11.80613944	1.003580777	11.84841460
0.0846	0.08449912	0.99642355	0.084802411	11.79211751	1.003589283	11.83444275
0.0847	0.08459876	0.99641510	0.084903131	11.77812860	1.003597799	11.82050393
0.0848	0.08469840	0.99640663	0.085003853	11.76417260	1.003606325	11.80659803
0.0849	0.08479804	0.99639816	0.085104577	11.75024941	1.003614861	11.79272492

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.0850	0.08489768	0.99638967	0.085205302	11.73635889	1.003623407	11.77888450
0.0851	0.08499732	0.99638118	0.085306029	11.72250095	1.003631964	11.76507664
0.0852	0.08509696	0.99637268	0.085406757	11.70867545	1.003640530	11.75130124
0.0853	0.08519660	0.99636416	0.085507487	11.69488229	1.003649107	11.73755817
0.0854	0.08529623	0.99635564	0.085608219	11.68112136	1.003657694	11.72384733
0.0855	0.08539587	0.99634710	0.085708953	11.66739253	1.003666291	11.71016860
0.0856	0.08549550	0.99633856	0.085809689	11.65369571	1.003674899	11.69652186
0.0857	0.08559513	0.99633000	0.085910426	11.64003077	1.003683516	11.68290702
0.0858	0.08569477	0.99632144	0.086011165	11.62639761	1.003692144	11.66932395
0.0859	0.08579440	0.99631286	0.086111905	11.61279611	1.003700782	11.65577254
0.0860	0.08589403	0.99630428	0.086212648	11.59922617	1.003709430	11.64225269
0.0861	0.08599366	0.99629568	0.086313392	11.58568766	1.003718089	11.62876428
0.0862	0.08609329	0.99628708	0.086414138	11.57218050	1.003726757	11.61530721
0.0863	0.08619292	0.99627847	0.086514885	11.55870456	1.003735436	11.60188136
0.0864	0.08629254	0.99626984	0.086615635	11.54525973	1.003744125	11.58848662
0.0865	0.08639217	0.99626121	0.086716386	11.53184591	1.003752824	11.57512290
0.0866	0.08649180	0.99625256	0.086817139	11.51846300	1.003761533	11.56179008
0.0867	0.08659142	0.99624391	0.086917893	11.50511088	1.003770253	11.54848806
0.0868	0.08669105	0.99623524	0.087018650	11.49178945	1.003778982	11.53521672
0.0869	0.08679067	0.99622657	0.087119408	11.47849860	1.003787722	11.52197597
0.0870	0.08689029	0.99621789	0.087220168	11.46523823	1.003796472	11.50876569
0.0871	0.08698991	0.99620919	0.087320929	11.45200823	1.003805232	11.49558578
0.0872	0.08708953	0.99620049	0.087421693	11.43880850	1.003814003	11.48243614
0.0873	0.08718915	0.99619177	0.087522458	11.42563893	1.003822783	11.46931667
0.0874	0.08728877	0.99618305	0.087623225	11.41249942	1.003831574	11.45622726
0.0875	0.08738839	0.99617432	0.087723993	11.39938986	1.003840375	11.44316780
0.0876	0.08748801	0.99616557	0.087824764	11.38631016	1.003849186	11.43013820
0.0877	0.08758762	0.99615682	0.087925536	11.37326022	1.003858008	11.41713834
0.0878	0.08768724	0.99614806	0.088026310	11.36023992	1.003866839	11.40416814
0.0879	0.08778685	0.99613928	0.088127086	11.34724917	1.003875681	11.39122749
0.0880	0.08788647	0.99613050	0.088227863	11.33428787	1.003884533	11.37831629
0.0881	0.08798608	0.99612170	0.088328642	11.32135593	1.003893395	11.36543444
0.0882	0.08808569	0.99611290	0.088429424	11.30845322	1.003902268	11.35258183
0.0883	0.08818530	0.99610409	0.088530206	11.29557967	1.003911150	11.33975838
0.0884	0.08828491	0.99609526	0.088630991	11.28273517	1.003920043	11.32696397
0.0885	0.08838452	0.99608643	0.088731778	11.26991961	1.003928946	11.31419852
0.0886	0.08848413	0.99607759	0.088832566	11.25713291	1.003937859	11.30146192
0.0887	0.08858374	0.99606873	0.088933356	11.24437497	1.003946782	11.28875407
0.0888	0.08868334	0.99605987	0.089034148	11.23164569	1.003955716	11.27607489
0.0889	0.08878295	0.99605100	0.089134941	11.21894497	1.003964660	11.26342426
0.0890	0.08888255	0.99604211	0.089235737	11.20627271	1.003973614	11.25080211
0.0891	0.08898216	0.99603322	0.089336534	11.19362883	1.003982578	11.23820832
0.0892	0.08908176	0.99602432	0.089437333	11.18101322	1.003991552	11.22564281
0.0893	0.08918136	0.99601540	0.089538134	11.16842578	1.004000537	11.21310548
0.0894	0.08928096	0.99600648	0.089638936	11.15586644	1.004009531	11.20059623
0.0895	0.08938056	0.99599755	0.089739741	11.14333508	1.004018536	11.18811498
0.0896	0.08948016	0.99598860	0.089840547	11.13083162	1.004027551	11.17566162
0.0897	0.08957976	0.99597965	0.089941355	11.11835597	1.004036577	11.16323606
0.0898	0.08967936	0.99597069	0.090042165	11.10590802	1.004045612	11.15083822
0.0899	0.08977895	0.99596172	0.090142976	11.09348770	1.004054658	11.13846800

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.0900	0.08987855	0.99595273	0.090243790	11.08109490	1.004063714	11.12612530
0.0901	0.08997814	0.99594374	0.090344605	11.06872953	1.004072780	11.11381004
0.0902	0.09007774	0.99593474	0.090445422	11.05639151	1.004081856	11.10152212
0.0903	0.09017733	0.99592572	0.090546241	11.04408075	1.004090943	11.08926145
0.0904	0.09027692	0.99591670	0.090647062	11.03179714	1.004100040	11.07702795
0.0905	0.09037651	0.99590767	0.090747885	11.01954061	1.004109147	11.06482152
0.0906	0.09047610	0.99589863	0.090848709	11.00731106	1.004118264	11.05264207
0.0907	0.09057569	0.99588957	0.090949535	10.99510840	1.004127391	11.04048951
0.0908	0.09067528	0.99588051	0.091050363	10.98293254	1.004136529	11.02836376
0.0909	0.09077487	0.99587144	0.091151193	10.97078341	1.004145677	11.01626473
0.0910	0.09087446	0.99586236	0.091252025	10.95866090	1.004154835	11.00419232
0.0911	0.09097404	0.99585326	0.091352859	10.94656493	1.004164003	10.99214646
0.0912	0.09107363	0.99584416	0.091453694	10.93449541	1.004173181	10.98012704
0.0913	0.09117321	0.99583505	0.091554532	10.92245226	1.004182370	10.96813400
0.0914	0.09127279	0.99582593	0.091655371	10.91043539	1.004191569	10.95616723
0.0915	0.09137238	0.99581679	0.091756212	10.89844471	1.004200778	10.94422666
0.0916	0.09147196	0.99580765	0.091857055	10.88648014	1.004209997	10.93231219
0.0917	0.09157154	0.99579850	0.091957899	10.87454159	1.004219227	10.92042375
0.0918	0.09167112	0.99578934	0.092058746	10.86262898	1.004228466	10.90856124
0.0919	0.09177070	0.99578017	0.092159594	10.85074222	1.004237716	10.89672459
0.0920	0.09187027	0.99577098	0.092260444	10.83888123	1.004246976	10.88491371
0.0921	0.09196985	0.99576179	0.092361297	10.82704593	1.004256247	10.87312851
0.0922	0.09206943	0.99575259	0.092462151	10.81523622	1.004265527	10.86136891
0.0923	0.09216900	0.99574338	0.092563006	10.80345203	1.004274818	10.84963482
0.0924	0.09226857	0.99573416	0.092663864	10.79169328	1.004284119	10.83792618
0.0925	0.09236815	0.99572492	0.092764724	10.77995987	1.004293430	10.82624288
0.0926	0.09246772	0.99571568	0.092865585	10.76825174	1.004302752	10.81458486
0.0927	0.09256729	0.99570643	0.092966449	10.75656880	1.004312083	10.80295202
0.0928	0.09266686	0.99569717	0.093067314	10.74491096	1.004321425	10.79134429
0.0929	0.09276643	0.99568790	0.093168181	10.73327815	1.004330777	10.77976158
0.0930	0.09286600	0.99567862	0.093269050	10.72167028	1.004340139	10.76820383
0.0931	0.09296557	0.99566932	0.093369921	10.71008728	1.004349512	10.75667093
0.0932	0.09306513	0.99566002	0.093470793	10.69852906	1.004358895	10.74516282
0.0933	0.09316470	0.99565071	0.093571668	10.68699555	1.004368288	10.73367942
0.0934	0.09326426	0.99564139	0.093672545	10.67548666	1.004377691	10.72222064
0.0935	0.09336383	0.99563206	0.093773423	10.66400232	1.004387104	10.71078641
0.0936	0.09346339	0.99562272	0.093874303	10.65254245	1.004396528	10.69937664
0.0937	0.09356295	0.99561337	0.093975185	10.64110696	1.004405961	10.68799127
0.0938	0.09366251	0.99560400	0.094076070	10.62969579	1.004415406	10.67663021
0.0939	0.09376207	0.99559463	0.094176956	10.61830885	1.004424860	10.66529338
0.0940	0.09386163	0.99558525	0.094277843	10.60694607	1.004434324	10.65398070
0.0941	0.09396119	0.99557586	0.094378733	10.59560736	1.004443799	10.64269211
0.0942	0.09406075	0.99556646	0.094479625	10.58429266	1.004453284	10.63142752
0.0943	0.09416030	0.99555705	0.094580518	10.57300189	1.004462779	10.62018686
0.0944	0.09425986	0.99554763	0.094681414	10.56173496	1.004472284	10.60897004
0.0945	0.09435941	0.99553820	0.094782311	10.55049181	1.004481800	10.59777701
0.0946	0.09445896	0.99552876	0.094883211	10.53927236	1.004491326	10.58660767
0.0947	0.09455852	0.99551931	0.094984112	10.52807654	1.004500862	10.57546195
0.0948	0.09465807	0.99550984	0.095085015	10.51690426	1.004510408	10.56433979
0.0949	0.09475762	0.99550037	0.095185920	10.50575545	1.004519965	10.55324110

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.0950	0.09485717	0.99549089	0.095286827	10.49463005	1.004529531	10.54216581
0.0951	0.09495672	0.99548140	0.095387736	10.48352798	1.004539108	10.53111385
0.0952	0.09505626	0.99547190	0.095488647	10.47244916	1.004548696	10.52008514
0.0953	0.09515581	0.99546239	0.095589560	10.46139352	1.004558293	10.50907961
0.0954	0.09525536	0.99545287	0.095690474	10.45036098	1.004567901	10.49809719
0.0955	0.09535490	0.99544334	0.095791391	10.43935148	1.004577518	10.48713781
0.0956	0.09545445	0.99543380	0.095892310	10.42836495	1.004587147	10.47620138
0.0957	0.09555399	0.99542425	0.095993230	10.41740130	1.004596785	10.46528785
0.0958	0.09565353	0.99541469	0.096094153	10.40646047	1.004606433	10.45439714
0.0959	0.09575307	0.99540512	0.096195077	10.39554239	1.004616092	10.44352918
0.0960	0.09585261	0.99539554	0.096296003	10.38464699	1.004625761	10.43268389
0.0961	0.09595215	0.99538595	0.096396931	10.37377419	1.004635441	10.42186120
0.0962	0.09605169	0.99537635	0.096497862	10.36292393	1.004645130	10.41106106
0.0963	0.09615123	0.99536674	0.096598794	10.35209613	1.004654830	10.40028337
0.0964	0.09625076	0.99535712	0.096699728	10.34129073	1.004664540	10.38952809
0.0965	0.09635030	0.99534749	0.096800664	10.33050765	1.004674260	10.37879512
0.0966	0.09644983	0.99533785	0.096901602	10.31974682	1.004683990	10.36808442
0.0967	0.09654937	0.99532820	0.097002542	10.30900819	1.004693731	10.35739590
0.0968	0.09664890	0.99531854	0.097103484	10.29829167	1.004703482	10.34672950
0.0969	0.09674843	0.99530887	0.097204428	10.28759720	1.004713243	10.33608515
0.0970	0.09684796	0.99529919	0.097305374	10.27692472	1.004723014	10.32546278
0.0971	0.09694749	0.99528950	0.097406322	10.26627415	1.004732796	10.31486233
0.0972	0.09704702	0.99527980	0.097507271	10.25564542	1.004742588	10.30428372
0.0973	0.09714654	0.99527009	0.097608223	10.24503847	1.004752390	10.29372689
0.0974	0.09724607	0.99526037	0.097709177	10.23445323	1.004762202	10.28319177
0.0975	0.09734560	0.99525064	0.097810132	10.22388964	1.004772025	10.27267830
0.0976	0.09744512	0.99524090	0.097911090	10.21334763	1.004781858	10.26218640
0.0977	0.09754465	0.99523115	0.098012050	10.20282713	1.004791701	10.25171602
0.0978	0.09764417	0.99522139	0.098113011	10.19232807	1.004801554	10.24126708
0.0979	0.09774369	0.99521162	0.098213975	10.18185039	1.004811418	10.23083953
0.0980	0.09784321	0.99520184	0.098314941	10.17139403	1.004821291	10.22043329
0.0981	0.09794273	0.99519205	0.098415908	10.16095892	1.004831175	10.21004829
0.0982	0.09804225	0.99518225	0.098516878	10.15054499	1.004841070	10.19968449
0.0983	0.09814177	0.99517244	0.098617849	10.14015218	1.004850974	10.18934180
0.0984	0.09824128	0.99516263	0.098718823	10.12978043	1.004860889	10.17902017
0.0985	0.09834080	0.99515280	0.098819798	10.11942967	1.004870814	10.16871953
0.0986	0.09844031	0.99514296	0.098920776	10.10909984	1.004880749	10.15843982
0.0987	0.09853983	0.99513311	0.099021755	10.09879087	1.004890695	10.14818098
0.0988	0.09863934	0.99512325	0.099122737	10.08850270	1.004900650	10.13794293
0.0989	0.09873885	0.99511338	0.099223720	10.07823527	1.004910616	10.12772562
0.0990	0.09883836	0.99510350	0.099324706	10.06798852	1.004920592	10.11752899
0.0991	0.09893787	0.99509361	0.099425694	10.05776237	1.004930579	10.10735297
0.0992	0.09903738	0.99508371	0.099526683	10.04755678	1.004940576	10.09719750
0.0993	0.09913689	0.99507380	0.099627675	10.03737167	1.004950583	10.08706251
0.0994	0.09923640	0.99506389	0.099728668	10.02720700	1.004960600	10.07694796
0.0995	0.09933590	0.99505396	0.099829664	10.01706268	1.004970627	10.06685376
0.0996	0.09943541	0.99504402	0.099930661	10.00693866	1.004980665	10.05677988
0.0997	0.09953491	0.99503407	0.100031661	9.996834894	1.004990713	10.04672623
0.0998	0.09963441	0.99502411	0.100132663	9.986751303	1.005000771	10.03669276
0.0999	0.09973392	0.99501414	0.100233666	9.976687833	1.005010840	10.02667942

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.1000	0.09983342	0.99500417	0.100334672	9.966644423	1.005020918	10.01668613
0.1001	0.09993292	0.99499418	0.100435680	9.956621013	1.005031007	10.00671285
0.1002	0.10003242	0.99498418	0.100536690	9.946617543	1.005041107	9.996759502
0.1003	0.10013191	0.99497417	0.100637701	9.936633953	1.005051216	9.986826038
0.1004	0.10023141	0.99496415	0.100738715	9.926670184	1.005061336	9.976912396
0.1005	0.10033091	0.99495412	0.100839731	9.916726177	1.005071466	9.967018515
0.1006	0.10043040	0.99494409	0.100940749	9.906801873	1.005081606	9.957144337
0.1007	0.10052990	0.99493404	0.101041769	9.896897213	1.005091757	9.947289804
0.1008	0.10062939	0.99492398	0.101142791	9.887012139	1.005101917	9.937454857
0.1009	0.10072888	0.99491391	0.101243815	9.877146592	1.005112088	9.927639437
0.1010	0.10082837	0.99490383	0.101344841	9.867300514	1.005122270	9.917843488
0.1011	0.10092786	0.99489375	0.101445869	9.857473849	1.005132461	9.908066950
0.1012	0.10102735	0.99488365	0.101546899	9.847666537	1.005142663	9.898309766
0.1013	0.10112684	0.99487354	0.101647931	9.837878522	1.005152875	9.888571880
0.1014	0.10122632	0.99486342	0.101748966	9.828109747	1.005163097	9.878853233
0.1015	0.10132581	0.99485330	0.101850002	9.818360155	1.005173330	9.869153770
0.1016	0.10142529	0.99484316	0.101951040	9.808629689	1.005183573	9.859473433
0.1017	0.10152478	0.99483301	0.102052081	9.798918293	1.005193826	9.849812167
0.1018	0.10162426	0.99482285	0.102153123	9.789225911	1.005204089	9.840169914
0.1019	0.10172374	0.99481269	0.102254168	9.779552486	1.005214363	9.830546619
0.1020	0.10182322	0.99480251	0.102355214	9.769897963	1.005224646	9.820942226
0.1021	0.10192270	0.99479232	0.102456263	9.760262286	1.005234941	9.811356680
0.1022	0.10202218	0.99478212	0.102557314	9.750645400	1.005245245	9.801789925
0.1023	0.10212166	0.99477192	0.102658367	9.741047251	1.005255560	9.792241906
0.1024	0.10222114	0.99476170	0.102759422	9.731467782	1.005265885	9.782712568
0.1025	0.10232061	0.99475147	0.102860479	9.721906939	1.005276220	9.773201857
0.1026	0.10242009	0.99474124	0.102961538	9.712364669	1.005286565	9.763709718
0.1027	0.10251956	0.99473099	0.103062599	9.702840916	1.005296921	9.754236097
0.1028	0.10261903	0.99472073	0.103163662	9.693335627	1.005307287	9.744780940
0.1029	0.10271850	0.99471046	0.103264727	9.683848747	1.005317663	9.735344193
0.1030	0.10281798	0.99470019	0.103365795	9.674380223	1.005328050	9.725925802
0.1031	0.10291744	0.99468990	0.103466864	9.664930003	1.005338446	9.716525714
0.1032	0.10301691	0.99467960	0.103567936	9.655498031	1.005348854	9.707143876
0.1033	0.10311638	0.99466930	0.103669009	9.646084256	1.005359271	9.697780235
0.1034	0.10321585	0.99465898	0.103770085	9.636688625	1.005369698	9.688434738
0.1035	0.10331531	0.99464865	0.103871163	9.627311085	1.005380136	9.679107332
0.1036	0.10341478	0.99463832	0.103972243	9.617951584	1.005390584	9.669797965
0.1037	0.10351424	0.99462797	0.104073325	9.608610070	1.005401043	9.660506584
0.1038	0.10361370	0.99461762	0.104174409	9.599286489	1.005411512	9.651233139
0.1039	0.10371316	0.99460725	0.104275496	9.589980792	1.005421991	9.641977577
0.1040	0.10381262	0.99459687	0.104376584	9.580692926	1.005432480	9.632739846
0.1041	0.10391208	0.99458649	0.104477675	9.571422840	1.005442979	9.623519895
0.1042	0.10401154	0.99457609	0.104578767	9.562170482	1.005453489	9.614317673
0.1043	0.10411100	0.99456568	0.104679862	9.552935802	1.005464009	9.605133129
0.1044	0.10421045	0.99455527	0.104780959	9.543718749	1.005474539	9.595966212
0.1045	0.10430991	0.99454484	0.104882058	9.534519271	1.005485080	9.586816872
0.1046	0.10440936	0.99453441	0.104983159	9.525337320	1.005495631	9.577685058
0.1047	0.10450882	0.99452396	0.105084262	9.516172845	1.005506192	9.568570719
0.1048	0.10460827	0.99451350	0.105185367	9.507025794	1.005516763	9.559473806
0.1049	0.10470772	0.99450304	0.105286475	9.497896120	1.005527345	9.550394270

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.1050	0.10480717	0.99449256	0.105387584	9.488783772	1.005537937	9.541332059
0.1051	0.10490662	0.99448208	0.105488696	9.479688700	1.005548539	9.532287126
0.1052	0.10500607	0.99447158	0.105589810	9.470610856	1.005559152	9.523259420
0.1053	0.10510551	0.99446108	0.105690926	9.461550190	1.005569775	9.514248893
0.1054	0.10520496	0.99445056	0.105792044	9.452506653	1.005580408	9.505255495
0.1055	0.10530440	0.99444003	0.105893164	9.443480197	1.005591051	9.496279178
0.1056	0.10540385	0.99442950	0.105994287	9.434470773	1.005601705	9.487319894
0.1057	0.10550329	0.99441895	0.106095411	9.425478333	1.005612369	9.478377594
0.1058	0.10560273	0.99440840	0.106196538	9.416502829	1.005623043	9.469452230
0.1059	0.10570217	0.99439783	0.106297667	9.407544212	1.005633728	9.460543753
0.1060	0.10580161	0.99438726	0.106398798	9.398602435	1.005644422	9.451652117
0.1061	0.10590105	0.99437667	0.106499931	9.389677451	1.005655127	9.442777273
0.1062	0.10600048	0.99436608	0.106601066	9.380769211	1.005665843	9.433919175
0.1063	0.10609992	0.99435547	0.106702204	9.371877669	1.005676568	9.425077774
0.1064	0.10619936	0.99434486	0.106803343	9.363002777	1.005687304	9.416253024
0.1065	0.10629879	0.99433423	0.106904485	9.354144489	1.005698051	9.407444878
0.1066	0.10639822	0.99432360	0.107005629	9.345302758	1.005708807	9.398653288
0.1067	0.10649765	0.99431295	0.107106775	9.336477537	1.005719574	9.389878210
0.1068	0.10659708	0.99430230	0.107207923	9.327668780	1.005730351	9.381119596
0.1069	0.10669651	0.99429163	0.107309074	9.318876441	1.005741138	9.372377399
0.1070	0.10679594	0.99428096	0.107410226	9.310100473	1.005751936	9.363651575
0.1071	0.10689537	0.99427028	0.107511381	9.301340831	1.005762744	9.354942077
0.1072	0.10699480	0.99425958	0.107612538	9.292597470	1.005773562	9.346248859
0.1073	0.10709422	0.99424888	0.107713697	9.283870342	1.005784391	9.337571876
0.1074	0.10719365	0.99423816	0.107814859	9.275159405	1.005795230	9.328911082
0.1075	0.10729307	0.99422744	0.107916022	9.266464611	1.005806079	9.320266433
0.1076	0.10739249	0.99421670	0.108017188	9.257785916	1.005816938	9.311637884
0.1077	0.10749191	0.99420596	0.108118356	9.249123276	1.005827808	9.303025388
0.1078	0.10759133	0.99419520	0.108219526	9.240476645	1.005838688	9.294428903
0.1079	0.10769075	0.99418444	0.108320698	9.231845980	1.005849578	9.285848383
0.1080	0.10779017	0.99417367	0.108421872	9.223231235	1.005860479	9.277283784
0.1081	0.10788959	0.99416288	0.108523049	9.214632366	1.005871389	9.268735062
0.1082	0.10798900	0.99415209	0.108624228	9.206049330	1.005882311	9.260202172
0.1083	0.10808842	0.99414128	0.108725409	9.197482083	1.005893242	9.251685071
0.1084	0.10818783	0.99413047	0.108826592	9.188930580	1.005904184	9.243183716
0.1085	0.10828724	0.99411965	0.108927778	9.180394779	1.005915136	9.234698062
0.1086	0.10838666	0.99410881	0.109028965	9.171874636	1.005926098	9.226228067
0.1087	0.10848607	0.99409797	0.109130155	9.163370108	1.005937071	9.217773686
0.1088	0.10858547	0.99408712	0.109231347	9.154881151	1.005948054	9.209334878
0.1089	0.10868488	0.99407625	0.109332541	9.146407724	1.005959047	9.200911599
0.1090	0.10878429	0.99406538	0.109433738	9.137949782	1.005970051	9.192503806
0.1091	0.10888370	0.99405450	0.109534936	9.129507284	1.005981065	9.184111457
0.1092	0.10898310	0.99404360	0.109636137	9.121080187	1.005992089	9.175734509
0.1093	0.10908250	0.99403270	0.109737340	9.112668449	1.006003123	9.167372921
0.1094	0.10918191	0.99402179	0.109838546	9.104272028	1.006014168	9.159026649
0.1095	0.10928131	0.99401086	0.109939753	9.095890882	1.006025223	9.150695653
0.1096	0.10938071	0.99399993	0.110040963	9.087524968	1.006036288	9.142379890
0.1097	0.10948011	0.99398899	0.110142175	9.079174246	1.006047364	9.134079318
0.1098	0.10957951	0.99397803	0.110243389	9.070838673	1.006058450	9.125793896
0.1099	0.10967890	0.99396707	0.110344606	9.062518209	1.006069546	9.117523583

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.1100	0.10977830	0.99395610	0.110445825	9.054212812	1.006080653	9.109268338
0.1101	0.10987770	0.99394512	0.110547046	9.045922442	1.006091770	9.101028119
0.1102	0.10997709	0.99393412	0.110648269	9.037647056	1.006102897	9.092802885
0.1103	0.11007648	0.99392312	0.110749494	9.029386615	1.006114035	9.084592597
0.1104	0.11017587	0.99391211	0.110850722	9.021141078	1.006125182	9.076397212
0.1105	0.11027527	0.99390108	0.110951952	9.012910404	1.006136340	9.068216691
0.1106	0.11037465	0.99389005	0.111053184	9.004694554	1.006147509	9.060050994
0.1107	0.11047404	0.99387901	0.111154418	8.996493486	1.006158688	9.051900079
0.1108	0.11057343	0.99386796	0.111255655	8.988307162	1.006169877	9.043763908
0.1109	0.11067282	0.99385689	0.111356894	8.980135540	1.006181076	9.035642441
0.1110	0.11077220	0.99384582	0.111458135	8.971978582	1.006192286	9.027535636
0.1111	0.11087159	0.99383474	0.111559378	8.963836247	1.006203506	9.019443456
0.1112	0.11097097	0.99382365	0.111660624	8.955708496	1.006214736	9.011365860
0.1113	0.11107035	0.99381255	0.111761872	8.947595291	1.006225977	9.003302810
0.1114	0.11116973	0.99380143	0.111863122	8.939496591	1.006237228	8.995254265
0.1115	0.11126911	0.99379031	0.111964375	8.931412358	1.006248489	8.987220188
0.1116	0.11136849	0.99377918	0.112065629	8.923342553	1.006259760	8.979200539
0.1117	0.11146787	0.99376804	0.112166886	8.915287137	1.006271042	8.971195279
0.1118	0.11156724	0.99375689	0.112268146	8.907246071	1.006282334	8.963204369
0.1119	0.11166662	0.99374573	0.112369407	8.899219317	1.006293637	8.955227772
0.1120	0.11176599	0.99373455	0.112470671	8.891206837	1.006304950	8.947265449
0.1121	0.11186537	0.99372337	0.112571937	8.883208593	1.006316273	8.939317362
0.1122	0.11196474	0.99371218	0.112673206	8.875224546	1.006327606	8.931383473
0.1123	0.11206411	0.99370098	0.112774476	8.867254658	1.006338950	8.923463743
0.1124	0.11216348	0.99368977	0.112875749	8.859298892	1.006350304	8.915558135
0.1125	0.11226285	0.99367855	0.112977024	8.851357210	1.006361669	8.907666611
0.1126	0.11236221	0.99366732	0.113078302	8.843429575	1.006373043	8.899789135
0.1127	0.11246158	0.99365607	0.113179582	8.835515948	1.006384428	8.891925667
0.1128	0.11256094	0.99364482	0.113280864	8.827616294	1.006395824	8.884076172
0.1129	0.11266031	0.99363356	0.113382148	8.819730574	1.006407229	8.876240612
0.1130	0.11275967	0.99362229	0.113483435	8.811858752	1.006418646	8.868418950
0.1131	0.11285903	0.99361101	0.113584724	8.804000791	1.006430072	8.860611149
0.1132	0.11295839	0.99359972	0.113686015	8.796156654	1.006441509	8.852817172
0.1133	0.11305775	0.99358842	0.113787309	8.788326304	1.006452956	8.845036983
0.1134	0.11315711	0.99357711	0.113888605	8.780509706	1.006464413	8.837270546
0.1135	0.11325647	0.99356579	0.113989903	8.772706822	1.006475880	8.829517823
0.1136	0.11335582	0.99355446	0.114091204	8.764917617	1.006487358	8.821778779
0.1137	0.11345518	0.99354312	0.114192506	8.757142054	1.006498847	8.814053378
0.1138	0.11355453	0.99353177	0.114293812	8.749380097	1.006510345	8.806341584
0.1139	0.11365388	0.99352040	0.114395119	8.741631712	1.006521854	8.798643360
0.1140	0.11375324	0.99350903	0.114496429	8.733896861	1.006533374	8.790958672
0.1141	0.11385259	0.99349765	0.114597741	8.726175509	1.006544903	8.783287483
0.1142	0.11395194	0.99348626	0.114699055	8.718467621	1.006556443	8.775629758
0.1143	0.11405128	0.99347486	0.114800372	8.710773162	1.006567993	8.767985463
0.1144	0.11415063	0.99346345	0.114901691	8.703092095	1.006579554	8.760354560
0.1145	0.11424998	0.99345203	0.115003013	8.695424387	1.006591125	8.752737016
0.1146	0.11434932	0.99344060	0.115104336	8.687770003	1.006602706	8.745132796
0.1147	0.11444866	0.99342916	0.115205662	8.680128906	1.006614298	8.737541864
0.1148	0.11454801	0.99341771	0.115306991	8.672501064	1.006625900	8.729964187
0.1149	0.11464735	0.99340625	0.115408321	8.664886440	1.006637512	8.722399728

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.1150	0.11474669	0.99339478	0.115509655	8.657285001	1.006649135	8.714848454
0.1151	0.11484603	0.99338330	0.115610990	8.649696712	1.006660768	8.707310331
0.1152	0.11494537	0.99337182	0.115712328	8.642121539	1.006672411	8.699785324
0.1153	0.11504470	0.99336032	0.115813668	8.634559447	1.006684064	8.692273399
0.1154	0.11514404	0.99334881	0.115915010	8.627010404	1.006695728	8.684774523
0.1155	0.11524337	0.99333729	0.116016355	8.619474374	1.006707403	8.677288660
0.1156	0.11534270	0.99332576	0.116117702	8.611951325	1.006719087	8.669815778
0.1157	0.11544204	0.99331422	0.116219052	8.604441222	1.006730782	8.662355843
0.1158	0.11554137	0.99330267	0.116320404	8.596944032	1.006742488	8.654908821
0.1159	0.11564070	0.99329111	0.116421758	8.589459722	1.006754203	8.647474678
0.1160	0.11574003	0.99327954	0.116523114	8.581988257	1.006765929	8.640053382
0.1161	0.11583935	0.99326796	0.116624473	8.574529606	1.006777666	8.632644900
0.1162	0.11593868	0.99325637	0.116725835	8.567083735	1.006789412	8.625249198
0.1163	0.11603800	0.99324477	0.116827198	8.559650610	1.006801169	8.617866242
0.1164	0.11613733	0.99323317	0.116928564	8.552230200	1.006812937	8.610496002
0.1165	0.11623665	0.99322155	0.117029933	8.544822471	1.006824714	8.603138443
0.1166	0.11633597	0.99320992	0.117131304	8.537427391	1.006836502	8.595793533
0.1167	0.11643529	0.99319828	0.117232677	8.530044927	1.006848301	8.588461239
0.1168	0.11653461	0.99318663	0.117334052	8.522675047	1.006860109	8.581141530
0.1169	0.11663393	0.99317497	0.117435430	8.515317718	1.006871928	8.573834372
0.1170	0.11673325	0.99316330	0.117536811	8.507972909	1.006883758	8.566539734
0.1171	0.11683256	0.99315163	0.117638193	8.500640587	1.006895598	8.559257584
0.1172	0.11693188	0.99313994	0.117739578	8.493320720	1.006907448	8.551987889
0.1173	0.11703119	0.99312824	0.117840966	8.486013277	1.006919308	8.544730618
0.1174	0.11713050	0.99311653	0.117942356	8.478718226	1.006931179	8.537485739
0.1175	0.11722981	0.99310481	0.118043748	8.471435534	1.006943060	8.530253221
0.1176	0.11732912	0.99309309	0.118145142	8.464165171	1.006954952	8.523033031
0.1177	0.11742843	0.99308135	0.118246539	8.456907105	1.006966854	8.515825138
0.1178	0.11752774	0.99306960	0.118347939	8.449661305	1.006978766	8.508629512
0.1179	0.11762705	0.99305784	0.118449341	8.442427740	1.006990688	8.501446120
0.1180	0.11772635	0.99304607	0.118550745	8.435206378	1.007002621	8.494274933
0.1181	0.11782566	0.99303430	0.118652152	8.427997188	1.007014564	8.487115918
0.1182	0.11792496	0.99302251	0.118753561	8.420800140	1.007026518	8.479969045
0.1183	0.11802426	0.99301071	0.118854972	8.413615203	1.007038482	8.472834283
0.1184	0.11812356	0.99299890	0.118956386	8.406442346	1.007050456	8.465711601
0.1185	0.11822286	0.99298709	0.119057802	8.399281538	1.007062441	8.458600969
0.1186	0.11832216	0.99297526	0.119159221	8.392132749	1.007074436	8.451502357
0.1187	0.11842146	0.99296342	0.119260642	8.384995949	1.007086442	8.444415733
0.1188	0.11852075	0.99295158	0.119362066	8.377871108	1.007098457	8.437341068
0.1189	0.11862005	0.99293972	0.119463491	8.370758195	1.007110483	8.430278332
0.1190	0.11871934	0.99292785	0.119564920	8.363657179	1.007122520	8.423227494
0.1191	0.11881863	0.99291597	0.119666351	8.356568032	1.007134567	8.416188524
0.1192	0.11891792	0.99290409	0.119767784	8.349490724	1.007146624	8.409161394
0.1193	0.11901721	0.99289219	0.119869219	8.342425223	1.007158691	8.402146071
0.1194	0.11911650	0.99288028	0.119970658	8.335371502	1.007170769	8.395142529
0.1195	0.11921579	0.99286837	0.120072098	8.328329530	1.007182858	8.388150735
0.1196	0.11931507	0.99285644	0.120173541	8.321299278	1.007194956	8.381170662
0.1197	0.11941436	0.99284450	0.120274986	8.314280716	1.007207065	8.374202280
0.1198	0.11951364	0.99283256	0.120376434	8.307273815	1.007219185	8.367245559
0.1199	0.11961293	0.99282060	0.120477884	8.300278546	1.007231314	8.360300470

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.1200	0.11971221	0.99280864	0.120579337	8.293294881	1.007243454	8.353366984
0.1201	0.11981149	0.99279666	0.120680792	8.286322789	1.007255605	8.346445073
0.1202	0.11991077	0.99278467	0.120782250	8.279362242	1.007267766	8.339534707
0.1203	0.12001004	0.99277268	0.120883710	8.272413211	1.007279937	8.332635858
0.1204	0.12010932	0.99276067	0.120985173	8.265475668	1.007292118	8.325748496
0.1205	0.12020860	0.99274866	0.121086638	8.258549584	1.007304310	8.318872594
0.1206	0.12030787	0.99273663	0.121188105	8.251634931	1.007316513	8.312008122
0.1207	0.12040714	0.99272459	0.121289575	8.244731679	1.007328725	8.305155053
0.1208	0.12050642	0.99271255	0.121391047	8.237839801	1.007340948	8.298313358
0.1209	0.12060569	0.99270049	0.121492522	8.230959269	1.007353182	8.291483009
0.1210	0.12070496	0.99268843	0.121593999	8.224090054	1.007365426	8.284663977
0.1211	0.12080422	0.99267635	0.121695479	8.217232128	1.007377680	8.277856235
0.1212	0.12090349	0.99266427	0.121796961	8.210385464	1.007389944	8.271059754
0.1213	0.12100276	0.99265217	0.121898446	8.203550033	1.007402219	8.264274508
0.1214	0.12110202	0.99264007	0.121999933	8.196725808	1.007414504	8.257500467
0.1215	0.12120129	0.99262795	0.122101423	8.189912761	1.007426800	8.250737605
0.1216	0.12130055	0.99261583	0.122202915	8.183110864	1.007439106	8.243985894
0.1217	0.12139981	0.99260369	0.122304409	8.176320091	1.007451422	8.237245306
0.1218	0.12149907	0.99259155	0.122405907	8.169540413	1.007463749	8.230515814
0.1219	0.12159833	0.99257939	0.122507406	8.162771804	1.007476086	8.223797390
0.1220	0.12169758	0.99256723	0.122608908	8.156014235	1.007488434	8.217090008
0.1221	0.12179684	0.99255505	0.122710413	8.149267681	1.007500792	8.210393641
0.1222	0.12189609	0.99254287	0.122811920	8.142532114	1.007513160	8.203708260
0.1223	0.12199535	0.99253067	0.122913429	8.135807506	1.007525539	8.197033840
0.1224	0.12209460	0.99251847	0.123014941	8.129093832	1.007537928	8.190370354
0.1225	0.12219385	0.99250625	0.123116456	8.122391064	1.007550327	8.183717773
0.1226	0.12229310	0.99249403	0.123217973	8.115699176	1.007562737	8.177076073
0.1227	0.12239235	0.99248179	0.123319492	8.109018140	1.007575157	8.170445227
0.1228	0.12249160	0.99246955	0.123421014	8.102347932	1.007587588	8.163825207
0.1229	0.12259084	0.99245730	0.123522539	8.095688523	1.007600029	8.157215987
0.1230	0.12269009	0.99244503	0.123624066	8.089039889	1.007612480	8.150617542
0.1231	0.12278933	0.99243276	0.123725595	8.082402001	1.007624942	8.144029845
0.1232	0.12288858	0.99242047	0.123827127	8.075774835	1.007637414	8.137452869
0.1233	0.12298782	0.99240818	0.123928662	8.069158365	1.007649896	8.130886589
0.1234	0.12308706	0.99239588	0.124030199	8.062552563	1.007662389	8.124330978
0.1235	0.12318630	0.99238356	0.124131739	8.055957405	1.007674892	8.117786011
0.1236	0.12328553	0.99237124	0.124233281	8.049372865	1.007687406	8.111251662
0.1237	0.12338477	0.99235891	0.124334826	8.042798916	1.007699930	8.104727904
0.1238	0.12348401	0.99234656	0.124436373	8.036235533	1.007712464	8.098214714
0.1239	0.12358324	0.99233421	0.124537922	8.029682691	1.007725009	8.091712064
0.1240	0.12368247	0.99232185	0.124639475	8.023140364	1.007737564	8.085219929
0.1241	0.12378171	0.99230947	0.124741029	8.016608527	1.007750130	8.078738284
0.1242	0.12388094	0.99229709	0.124842587	8.010087153	1.007762706	8.072267104
0.1243	0.12398016	0.99228470	0.124944147	8.003576219	1.007775292	8.065806363
0.1244	0.12407939	0.99227229	0.125045709	7.997075698	1.007787889	8.059356037
0.1245	0.12417862	0.99225988	0.125147274	7.990585567	1.007800496	8.052916099
0.1246	0.12427784	0.99224746	0.125248841	7.984105799	1.007813114	8.046486525
0.1247	0.12437707	0.99223502	0.125350411	7.977636369	1.007825742	8.040067291
0.1248	0.12447629	0.99222258	0.125451984	7.971177254	1.007838380	8.033658370
0.1249	0.12457551	0.99221013	0.125553559	7.964728428	1.007851029	8.027259740

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.1250	0.12467473	0.99219767	0.125655137	7.958289866	1.007863688	8.020871373
0.1251	0.12477395	0.99218519	0.125756717	7.951861544	1.007876357	8.014493247
0.1252	0.12487317	0.99217271	0.125858300	7.945443437	1.007889037	8.008125337
0.1253	0.12497239	0.99216022	0.125959885	7.939035522	1.007901728	8.001767618
0.1254	0.12507160	0.99214772	0.126061473	7.932637772	1.007914428	7.995420066
0.1255	0.12517082	0.99213521	0.126163063	7.926250165	1.007927139	7.989082656
0.1256	0.12527003	0.99212268	0.126264656	7.919872676	1.007939861	7.982755364
0.1257	0.12536924	0.99211015	0.126366252	7.913505280	1.007952593	7.976438166
0.1258	0.12546845	0.99209761	0.126467850	7.907147955	1.007965335	7.970131039
0.1259	0.12556766	0.99208506	0.126569451	7.900800675	1.007978088	7.963833957
0.1260	0.12566687	0.99207250	0.126671054	7.894463416	1.007990851	7.957546898
0.1261	0.12576608	0.99205992	0.126772660	7.888136156	1.008003625	7.951269837
0.1262	0.12586528	0.99204734	0.126874268	7.881818870	1.008016409	7.945002750
0.1263	0.12596448	0.99203475	0.126975879	7.875511535	1.008029203	7.938745614
0.1264	0.12606369	0.99202215	0.127077493	7.869214126	1.008042008	7.932498406
0.1265	0.12616289	0.99200954	0.127179109	7.862926620	1.008054823	7.926261101
0.1266	0.12626209	0.99199692	0.127280728	7.856648995	1.008067648	7.920033676
0.1267	0.12636129	0.99198429	0.127382349	7.850381226	1.008080484	7.913816108
0.1268	0.12646049	0.99197165	0.127483973	7.844123290	1.008093331	7.907608374
0.1269	0.12655968	0.99195899	0.127585599	7.837875164	1.008106187	7.901410449
0.1270	0.12665888	0.99194633	0.127687228	7.831636825	1.008119055	7.895222312
0.1271	0.12675807	0.99193366	0.127788860	7.825408249	1.008131932	7.889043939
0.1272	0.12685726	0.99192098	0.127890494	7.819189415	1.008144820	7.882875307
0.1273	0.12695646	0.99190829	0.127992131	7.812980297	1.008157719	7.876716392
0.1274	0.12705565	0.99189559	0.128093771	7.806780875	1.008170627	7.870567173
0.1275	0.12715484	0.99188288	0.128195413	7.800591124	1.008183547	7.864427626
0.1276	0.12725402	0.99187016	0.128297058	7.794411023	1.008196476	7.858297729
0.1277	0.12735321	0.99185743	0.128398705	7.788240548	1.008209416	7.852177458
0.1278	0.12745239	0.99184469	0.128500355	7.782079677	1.008222367	7.846066792
0.1279	0.12755158	0.99183194	0.128602007	7.775928388	1.008235328	7.839965707
0.1280	0.12765076	0.99181918	0.128703663	7.769786657	1.008248299	7.833874182
0.1281	0.12774994	0.99180641	0.128805320	7.763654463	1.008261281	7.827792193
0.1282	0.12784912	0.99179363	0.128906981	7.757531784	1.008274273	7.821719720
0.1283	0.12794830	0.99178084	0.129008644	7.751418596	1.008287276	7.815656738
0.1284	0.12804748	0.99176804	0.129110309	7.745314878	1.008300289	7.809603227
0.1285	0.12814665	0.99175523	0.129211978	7.739220608	1.008313312	7.803559164
0.1286	0.12824583	0.99174241	0.129313649	7.733135764	1.008326346	7.797524526
0.1287	0.12834500	0.99172958	0.129415322	7.727060323	1.008339390	7.791499293
0.1288	0.12844418	0.99171674	0.129516998	7.720994264	1.008352445	7.785483442
0.1289	0.12854335	0.99170389	0.129618677	7.714937565	1.008365510	7.779476951
0.1290	0.12864252	0.99169103	0.129720358	7.708890205	1.008378585	7.773479799
0.1291	0.12874168	0.99167816	0.129822042	7.702852160	1.008391671	7.767491964
0.1292	0.12884085	0.99166528	0.129923729	7.696823411	1.008404768	7.761513423
0.1293	0.12894002	0.99165239	0.130025418	7.690803935	1.008417874	7.755544157
0.1294	0.12903918	0.99163950	0.130127110	7.684793711	1.008430992	7.749584142
0.1295	0.12913835	0.99162659	0.130228805	7.678792717	1.008444119	7.743633359
0.1296	0.12923751	0.99161367	0.130330502	7.672800932	1.008457257	7.737691784
0.1297	0.12933667	0.99160074	0.130432202	7.666818335	1.008470406	7.731759398
0.1298	0.12943583	0.99158780	0.130533905	7.660844905	1.008483565	7.725836178
0.1299	0.12953499	0.99157485	0.130635610	7.654880619	1.008496734	7.719922104

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.1300	0.12963414	0.99156189	0.130737318	7.648925458	1.008509914	7.714017155
0.1301	0.12973330	0.99154893	0.130839029	7.642979400	1.008523104	7.708121309
0.1302	0.12983245	0.99153595	0.130940742	7.637042424	1.008536305	7.702234545
0.1303	0.12993161	0.99152296	0.131042458	7.631114510	1.008549516	7.696356843
0.1304	0.13003076	0.99150996	0.131144176	7.625195636	1.008562737	7.690488182
0.1305	0.13012991	0.99149695	0.131245897	7.619285781	1.008575969	7.684628541
0.1306	0.13022906	0.99148393	0.131347621	7.613384926	1.008589212	7.678777899
0.1307	0.13032820	0.99147091	0.131449348	7.607493048	1.008602464	7.672936236
0.1308	0.13042735	0.99145787	0.131551077	7.601610129	1.008615728	7.667103530
0.1309	0.13052650	0.99144482	0.131652809	7.595736146	1.008629001	7.661279763
0.1310	0.13062564	0.99143176	0.131754544	7.589871080	1.008642285	7.655464912
0.1311	0.13072478	0.99141870	0.131856281	7.584014911	1.008655580	7.649658957
0.1312	0.13082392	0.99140562	0.131958021	7.578167617	1.008668885	7.643861879
0.1313	0.13092306	0.99139253	0.132059763	7.572329179	1.008682200	7.638073657
0.1314	0.13102220	0.99137943	0.132161509	7.566499576	1.008695526	7.632294271
0.1315	0.13112134	0.99136633	0.132263257	7.560678789	1.008708862	7.626523700
0.1316	0.13122048	0.99135321	0.132365007	7.554866797	1.008722209	7.620761925
0.1317	0.13131961	0.99134008	0.132466761	7.549063580	1.008735566	7.615008925
0.1318	0.13141874	0.99132695	0.132568517	7.543269118	1.008748934	7.609264681
0.1319	0.13151788	0.99131380	0.132670276	7.537483392	1.008762312	7.603529173
0.1320	0.13161701	0.99130064	0.132772037	7.531706380	1.008775700	7.597802380
0.1321	0.13171614	0.99128748	0.132873801	7.525938065	1.008789099	7.592084283
0.1322	0.13181526	0.99127430	0.132975568	7.520178425	1.008802509	7.586374862
0.1323	0.13191439	0.99126111	0.133077338	7.514427442	1.008815929	7.580674098
0.1324	0.13201352	0.99124792	0.133179110	7.508685095	1.008829359	7.574981970
0.1325	0.13211264	0.99123471	0.133280885	7.502951365	1.008842800	7.569298460
0.1326	0.13221176	0.99122149	0.133382663	7.497226232	1.008856251	7.563623548
0.1327	0.13231088	0.99120827	0.133484443	7.491509678	1.008869712	7.557957214
0.1328	0.13241000	0.99119503	0.133586227	7.485801682	1.008883184	7.552299440
0.1329	0.13250912	0.99118179	0.133688013	7.480102226	1.008896667	7.546650205
0.1330	0.13260824	0.99116853	0.133789801	7.474411290	1.008910160	7.541009490
0.1331	0.13270736	0.99115526	0.133891592	7.468728855	1.008923663	7.535377277
0.1332	0.13280647	0.99114199	0.133993387	7.463054902	1.008937177	7.529753546
0.1333	0.13290559	0.99112870	0.134095183	7.457389411	1.008950702	7.524138278
0.1334	0.13300470	0.99111541	0.134196983	7.451732364	1.008964236	7.518531454
0.1335	0.13310381	0.99110210	0.134298785	7.446083742	1.008977782	7.512933055
0.1336	0.13320292	0.99108879	0.134400590	7.440443525	1.008991337	7.507343062
0.1337	0.13330203	0.99107546	0.134502398	7.434811695	1.009004903	7.501761456
0.1338	0.13340113	0.99106213	0.134604208	7.429188234	1.009018480	7.496188219
0.1339	0.13350024	0.99104878	0.134706021	7.423573121	1.009032067	7.490623331
0.1340	0.13359934	0.99103543	0.134807837	7.417966340	1.009045664	7.485066775
0.1341	0.13369845	0.99102206	0.134909656	7.412367870	1.009059272	7.479518530
0.1342	0.13379755	0.99100869	0.135011477	7.406777694	1.009072891	7.473978580
0.1343	0.13389665	0.99099530	0.135113302	7.401195793	1.009086520	7.468446905
0.1344	0.13399575	0.99098191	0.135215129	7.395622148	1.009100159	7.462923486
0.1345	0.13409484	0.99096850	0.135316958	7.390056742	1.009113809	7.457408306
0.1346	0.13419394	0.99095509	0.135418791	7.384499554	1.009127469	7.451901346
0.1347	0.13429303	0.99094166	0.135520626	7.378950569	1.009141140	7.446402587
0.1348	0.13439213	0.99092823	0.135622464	7.373409766	1.009154821	7.440912013
0.1349	0.13449122	0.99091479	0.135724305	7.367877128	1.009168513	7.435429603

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.1350	0.13459031	0.99090133	0.135826148	7.362352637	1.009182215	7.429955340
0.1351	0.13468940	0.99088787	0.135927994	7.356836275	1.009195927	7.424489207
0.1352	0.13478849	0.99087439	0.136029843	7.351328023	1.009209650	7.419031184
0.1353	0.13488758	0.99086091	0.136131695	7.345827864	1.009223384	7.413581254
0.1354	0.13498666	0.99084742	0.136233550	7.340335780	1.009237128	7.408139400
0.1355	0.13508574	0.99083391	0.136335407	7.334851752	1.009250882	7.402705602
0.1356	0.13518483	0.99082040	0.136437267	7.329375764	1.009264647	7.397279844
0.1357	0.13528391	0.99080688	0.136539130	7.323907797	1.009278422	7.391862107
0.1358	0.13538299	0.99079334	0.136640996	7.318447833	1.009292208	7.386452375
0.1359	0.13548207	0.99077980	0.136742864	7.312995855	1.009306005	7.381050628
0.1360	0.13558114	0.99076625	0.136844736	7.307551845	1.009319811	7.375656850
0.1361	0.13568022	0.99075268	0.136946610	7.302115786	1.009333629	7.370271023
0.1362	0.13577930	0.99073911	0.137048486	7.296687661	1.009347456	7.364893130
0.1363	0.13587837	0.99072553	0.137150366	7.291267451	1.009361295	7.359523153
0.1364	0.13597744	0.99071193	0.137252248	7.285855139	1.009375143	7.354161074
0.1365	0.13607651	0.99069833	0.137354134	7.280450708	1.009389002	7.348806876
0.1366	0.13617558	0.99068472	0.137456022	7.275054140	1.009402872	7.343460543
0.1367	0.13627465	0.99067110	0.137557913	7.269665419	1.009416752	7.338122056
0.1368	0.13637371	0.99065746	0.137659806	7.264284528	1.009430643	7.332791399
0.1369	0.13647278	0.99064382	0.137761703	7.258911448	1.009444544	7.327468554
0.1370	0.13657184	0.99063017	0.137863602	7.253546163	1.009458455	7.322153504
0.1371	0.13667091	0.99061651	0.137965504	7.248188656	1.009472377	7.316846232
0.1372	0.13676997	0.99060283	0.138067409	7.242838909	1.009486310	7.311546722
0.1373	0.13686903	0.99058915	0.138169316	7.237496907	1.009500253	7.306254956
0.1374	0.13696808	0.99057546	0.138271227	7.232162631	1.009514206	7.300970917
0.1375	0.13706714	0.99056176	0.138373140	7.226836066	1.009528170	7.295694588
0.1376	0.13716620	0.99054805	0.138475056	7.221517194	1.009542144	7.290425953
0.1377	0.13726525	0.99053433	0.138576975	7.216205998	1.009556129	7.285164995
0.1378	0.13736430	0.99052059	0.138678897	7.210902463	1.009570125	7.279911698
0.1379	0.13746335	0.99050685	0.138780822	7.205606570	1.009584130	7.274666043
0.1380	0.13756240	0.99049310	0.138882749	7.200318304	1.009598147	7.269428016
0.1381	0.13766145	0.99047934	0.138984679	7.195037648	1.009612174	7.264197599
0.1382	0.13776050	0.99046557	0.139086612	7.189764585	1.009626211	7.258974775
0.1383	0.13785955	0.99045179	0.139188548	7.184499099	1.009640259	7.253759529
0.1384	0.13795859	0.99043800	0.139290487	7.179241174	1.009654317	7.248551844
0.1385	0.13805763	0.99042420	0.139392429	7.173990793	1.009668386	7.243351703
0.1386	0.13815668	0.99041039	0.139494373	7.168747940	1.009682465	7.238159091
0.1387	0.13825572	0.99039657	0.139596320	7.163512598	1.009696555	7.232973990
0.1388	0.13835476	0.99038273	0.139698271	7.158284752	1.009710655	7.227796385
0.1389	0.13845379	0.99036889	0.139800224	7.153064385	1.009724766	7.222626260
0.1390	0.13855283	0.99035504	0.139902179	7.147851481	1.009738887	7.217463598
0.1391	0.13865186	0.99034118	0.140004138	7.142646023	1.009753019	7.212308383
0.1392	0.13875090	0.99032731	0.140106100	7.137447997	1.009767161	7.207160599
0.1393	0.13884993	0.99031343	0.140208064	7.132257385	1.009781314	7.202020231
0.1394	0.13894896	0.99029954	0.140310031	7.127074172	1.009795477	7.196887262
0.1395	0.13904799	0.99028564	0.140412001	7.121898343	1.009809650	7.191761676
0.1396	0.13914702	0.99027173	0.140513974	7.116729880	1.009823835	7.186643457
0.1397	0.13924604	0.99025781	0.140615950	7.111568768	1.009838029	7.181532591
0.1398	0.13934507	0.99024389	0.140717929	7.106414993	1.009852235	7.176429060
0.1399	0.13944409	0.99022995	0.140819911	7.101268536	1.009866450	7.171332849

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.1400	0.13954311	0.99021600	0.140921895	7.096129384	1.009880676	7.166243942
0.1401	0.13964214	0.99020204	0.141023882	7.090997521	1.009894913	7.161162325
0.1402	0.13974116	0.99018807	0.141125873	7.085872930	1.009909160	7.156087980
0.1403	0.13984017	0.99017409	0.141227866	7.080755597	1.009923418	7.151020893
0.1404	0.13993919	0.99016010	0.141329862	7.075645505	1.009937686	7.145961049
0.1405	0.14003821	0.99014610	0.141431860	7.070542640	1.009951965	7.140908431
0.1406	0.14013722	0.99013209	0.141533862	7.065446985	1.009966254	7.135863024
0.1407	0.14023623	0.99011807	0.141635867	7.060358526	1.009980554	7.130824813
0.1408	0.14033524	0.99010404	0.141737874	7.055277247	1.009994864	7.125793783
0.1409	0.14043425	0.99009001	0.141839885	7.050203134	1.010009185	7.120769918
0.1410	0.14053326	0.99007596	0.141941898	7.045136170	1.010023516	7.115753203
0.1411	0.14063227	0.99006190	0.142043914	7.040076340	1.010037857	7.110743623
0.1412	0.14073127	0.99004783	0.142145933	7.035023630	1.010052210	7.105741162
0.1413	0.14083028	0.99003375	0.142247955	7.029978023	1.010066572	7.100745807
0.1414	0.14092928	0.99001967	0.142349980	7.024939506	1.010080946	7.095757540
0.1415	0.14102828	0.99000557	0.142452008	7.019908063	1.010095329	7.090776348
0.1416	0.14112728	0.98999146	0.142554039	7.014883680	1.010109724	7.085802215
0.1417	0.14122628	0.98997734	0.142656072	7.009866340	1.010124129	7.080835127
0.1418	0.14132528	0.98996321	0.142758109	7.004856029	1.010138544	7.075875069
0.1419	0.14142427	0.98994908	0.142860148	6.999852733	1.010152970	7.070922025
0.1420	0.14152327	0.98993493	0.142962191	6.994856437	1.010167406	7.065975981
0.1421	0.14162226	0.98992077	0.143064236	6.989867125	1.010181853	7.061036923
0.1422	0.14172125	0.98990661	0.143166284	6.984884783	1.010196310	7.056104835
0.1423	0.14182024	0.98989243	0.143268335	6.979909397	1.010210778	7.051179702
0.1424	0.14191923	0.98987824	0.143370389	6.974940951	1.010225256	7.046261511
0.1425	0.14201822	0.98986404	0.143472446	6.969979432	1.010239745	7.041350246
0.1426	0.14211720	0.98984984	0.143574506	6.965024824	1.010254245	7.036445892
0.1427	0.14221619	0.98983562	0.143676569	6.960077113	1.010268755	7.031548437
0.1428	0.14231517	0.98982139	0.143778635	6.955136284	1.010283275	7.026657864
0.1429	0.14241415	0.98980716	0.143880704	6.950202324	1.010297806	7.021774159
0.1430	0.14251313	0.98979291	0.143982775	6.945275217	1.010312348	7.016897309
0.1431	0.14261211	0.98977866	0.144084850	6.940354950	1.010326900	7.012027298
0.1432	0.14271109	0.98976439	0.144186927	6.935441507	1.010341462	7.007164112
0.1433	0.14281006	0.98975011	0.144289008	6.930534875	1.010356035	7.002307738
0.1434	0.14290904	0.98973583	0.144391091	6.925635040	1.010370619	6.997458160
0.1435	0.14300801	0.98972153	0.144493177	6.920741986	1.010385213	6.992615365
0.1436	0.14310698	0.98970723	0.144595267	6.915855701	1.010399817	6.987779338
0.1437	0.14320595	0.98969291	0.144697359	6.910976169	1.010414433	6.982950065
0.1438	0.14330492	0.98967858	0.144799454	6.906103378	1.010429058	6.978127533
0.1439	0.14340389	0.98966425	0.144901552	6.901237312	1.010443695	6.973311727
0.1440	0.14350285	0.98964990	0.145003654	6.896377958	1.010458341	6.968502632
0.1441	0.14360182	0.98963555	0.145105758	6.891525302	1.010472999	6.963700236
0.1442	0.14370078	0.98962118	0.145207865	6.886679329	1.010487666	6.958904525
0.1443	0.14379974	0.98960681	0.145309975	6.881840027	1.010502345	6.954115483
0.1444	0.14389870	0.98959242	0.145412088	6.877007380	1.010517034	6.949333098
0.1445	0.14399766	0.98957803	0.145514204	6.872181376	1.010531733	6.944557355
0.1446	0.14409662	0.98956362	0.145616323	6.867362000	1.010546443	6.939788242
0.1447	0.14419557	0.98954921	0.145718444	6.862549239	1.010561163	6.935025743
0.1448	0.14429453	0.98953478	0.145820569	6.857743079	1.010575894	6.930269846
0.1449	0.14439348	0.98952035	0.145922697	6.852943507	1.010590636	6.925520537

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.1450	0.14449243	0.98950591	0.146024828	6.848150508	1.010605388	6.920777801
0.1451	0.14459138	0.98949145	0.146126962	6.843364069	1.010620151	6.916041627
0.1452	0.14469033	0.98947699	0.146229099	6.838584177	1.010634924	6.911311999
0.1453	0.14478927	0.98946251	0.146331238	6.833810818	1.010649708	6.906588904
0.1454	0.14488822	0.98944803	0.146433381	6.829043978	1.010664502	6.901872330
0.1455	0.14498716	0.98943354	0.146535527	6.824283645	1.010679307	6.897162262
0.1456	0.14508611	0.98941903	0.146637676	6.819529804	1.010694122	6.892458687
0.1457	0.14518505	0.98940452	0.146739827	6.814782443	1.010708948	6.887761592
0.1458	0.14528399	0.98939000	0.146841982	6.810041548	1.010723784	6.883070963
0.1459	0.14538293	0.98937546	0.146944140	6.805307105	1.010738631	6.878386788
0.1460	0.14548186	0.98936092	0.147046301	6.800579103	1.010753489	6.873709052
0.1461	0.14558080	0.98934637	0.147148465	6.795857526	1.010768357	6.869037743
0.1462	0.14567973	0.98933180	0.147250631	6.791142362	1.010783235	6.864372847
0.1463	0.14577866	0.98931723	0.147352801	6.786433599	1.010798124	6.859714352
0.1464	0.14587760	0.98930265	0.147454974	6.781731222	1.010813024	6.855062244
0.1465	0.14597653	0.98928805	0.147557150	6.777035219	1.010827934	6.850416509
0.1466	0.14607545	0.98927345	0.147659328	6.772345576	1.010842855	6.845777136
0.1467	0.14617438	0.98925884	0.147761510	6.767662281	1.010857786	6.841144111
0.1468	0.14627331	0.98924422	0.147863695	6.762985321	1.010872728	6.836517422
0.1469	0.14637223	0.98922958	0.147965883	6.758314683	1.010887680	6.831897054
0.1470	0.14647115	0.98921494	0.148068074	6.753650353	1.010902643	6.827282995
0.1471	0.14657007	0.98920029	0.148170268	6.748992320	1.010917617	6.822675233
0.1472	0.14666899	0.98918563	0.148272465	6.744340570	1.010932601	6.818073754
0.1473	0.14676791	0.98917096	0.148374665	6.739695090	1.010947596	6.813478546
0.1474	0.14686683	0.98915627	0.148476868	6.735055867	1.010962601	6.808889597
0.1475	0.14696574	0.98914158	0.148579074	6.730422890	1.010977617	6.804306892
0.1476	0.14706465	0.98912688	0.148681283	6.725796145	1.010992643	6.799730420
0.1477	0.14716357	0.98911217	0.148783495	6.721175619	1.011007680	6.795160168
0.1478	0.14726248	0.98909745	0.148885710	6.716561300	1.011022727	6.790596123
0.1479	0.14736139	0.98908272	0.148987929	6.711953176	1.011037785	6.786038272
0.1480	0.14746029	0.98906798	0.149090150	6.707351233	1.011052854	6.781486604
0.1481	0.14755920	0.98905323	0.149192374	6.702755459	1.011067933	6.776941106
0.1482	0.14765810	0.98903846	0.149294601	6.698165843	1.011083022	6.772401764
0.1483	0.14775701	0.98902369	0.149396832	6.693582370	1.011098123	6.767868567
0.1484	0.14785591	0.98900891	0.149499065	6.689005030	1.011113233	6.763341503
0.1485	0.14795481	0.98899412	0.149601302	6.684433808	1.011128355	6.758820558
0.1486	0.14805371	0.98897932	0.149703541	6.679868694	1.011143487	6.754305721
0.1487	0.14815260	0.98896451	0.149805784	6.675309675	1.011158629	6.749796979
0.1488	0.14825150	0.98894969	0.149908030	6.670756738	1.011173782	6.745294320
0.1489	0.14835039	0.98893486	0.150010279	6.666209872	1.011188946	6.740797732
0.1490	0.14844929	0.98892002	0.150112530	6.661669064	1.011204120	6.736307201
0.1491	0.14854818	0.98890517	0.150214785	6.657134301	1.011219304	6.731822718
0.1492	0.14864707	0.98889031	0.150317043	6.652605572	1.011234500	6.727344268
0.1493	0.14874596	0.98887544	0.150419304	6.648082865	1.011249706	6.722871840
0.1494	0.14884484	0.98886056	0.150521569	6.643566167	1.011264922	6.718405422
0.1495	0.14894373	0.98884567	0.150623836	6.639055466	1.011280149	6.713945002
0.1496	0.14904261	0.98883077	0.150726106	6.634550751	1.011295387	6.709490567
0.1497	0.14914149	0.98881586	0.150828379	6.630052010	1.011310635	6.705042107
0.1498	0.14924038	0.98880095	0.150930656	6.625559229	1.011325894	6.700599608
0.1499	0.14933925	0.98878602	0.151032935	6.621072399	1.011341163	6.696163059

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.1500	0.14943813	0.98877108	0.151135218	6.616591506	1.011356443	6.691732448
0.1501	0.14953701	0.98875613	0.151237504	6.612116538	1.011371733	6.687307763
0.1502	0.14963588	0.98874117	0.151339793	6.607647485	1.011387034	6.682888992
0.1503	0.14973476	0.98872620	0.151442085	6.603184333	1.011402346	6.678476124
0.1504	0.14983363	0.98871122	0.151544380	6.598727072	1.011417668	6.674069146
0.1505	0.14993250	0.98869624	0.151646678	6.594275689	1.011433001	6.669668048
0.1506	0.15003137	0.98868124	0.151748979	6.589830174	1.011448344	6.665272817
0.1507	0.15013024	0.98866623	0.151851283	6.585390513	1.011463698	6.660883441
0.1508	0.15022910	0.98865121	0.151953591	6.580956696	1.011479062	6.656499909
0.1509	0.15032797	0.98863618	0.152055901	6.576528711	1.011494437	6.652122209
0.1510	0.15042683	0.98862115	0.152158215	6.572106546	1.011509823	6.647750331
0.1511	0.15052569	0.98860610	0.152260532	6.567690190	1.011525219	6.643384261
0.1512	0.15062455	0.98859104	0.152362852	6.563279632	1.011540626	6.639023989
0.1513	0.15072341	0.98857597	0.152465175	6.558874859	1.011556044	6.634669503
0.1514	0.15082227	0.98856090	0.152567501	6.554475860	1.011571472	6.630320792
0.1515	0.15092112	0.98854581	0.152669830	6.550082624	1.011586910	6.625977844
0.1516	0.15101997	0.98853071	0.152772162	6.545695140	1.011602359	6.621640647
0.1517	0.15111883	0.98851560	0.152874498	6.541313395	1.011617819	6.617309192
0.1518	0.15121768	0.98850049	0.152976836	6.536937380	1.011633290	6.612983465
0.1519	0.15131653	0.98848536	0.153079178	6.532567082	1.011648770	6.608663456
0.1520	0.15141537	0.98847022	0.153181523	6.528202489	1.011664262	6.604349154
0.1521	0.15151422	0.98845508	0.153283871	6.523843592	1.011679764	6.600040547
0.1522	0.15161307	0.98843992	0.153386222	6.519490379	1.011695277	6.595737623
0.1523	0.15171191	0.98842476	0.153488577	6.515142838	1.011710800	6.591440373
0.1524	0.15181075	0.98840958	0.153590934	6.510800958	1.011726334	6.587148785
0.1525	0.15190959	0.98839439	0.153693295	6.506464728	1.011741879	6.582862847
0.1526	0.15200843	0.98837920	0.153795658	6.502134137	1.011757434	6.578582548
0.1527	0.15210727	0.98836399	0.153898025	6.497809175	1.011772999	6.574307878
0.1528	0.15220610	0.98834878	0.154000395	6.493489829	1.011788576	6.570038825
0.1529	0.15230494	0.98833355	0.154102768	6.489176089	1.011804162	6.565775378
0.1530	0.15240377	0.98831831	0.154205145	6.484867944	1.011819760	6.561517527
0.1531	0.15250260	0.98830307	0.154307524	6.480565383	1.011835368	6.557265259
0.1532	0.15260143	0.98828781	0.154409907	6.476268395	1.011850987	6.553018566
0.1533	0.15270026	0.98827255	0.154512293	6.471976969	1.011866616	6.548777434
0.1534	0.15279908	0.98825727	0.154614682	6.467691094	1.011882256	6.544541855
0.1535	0.15289791	0.98824199	0.154717074	6.463410760	1.011897906	6.540311816
0.1536	0.15299673	0.98822669	0.154819469	6.459135955	1.011913567	6.536087307
0.1537	0.15309555	0.98821139	0.154921868	6.454866669	1.011929239	6.531868317
0.1538	0.15319437	0.98819608	0.155024269	6.450602890	1.011944921	6.527654835
0.1539	0.15329319	0.98818075	0.155126674	6.446344609	1.011960614	6.523446851
0.1540	0.15339201	0.98816542	0.155229082	6.442091815	1.011976318	6.519244354
0.1541	0.15349083	0.98815007	0.155331493	6.437844496	1.011992032	6.515047334
0.1542	0.15358964	0.98813472	0.155433908	6.433602643	1.012007757	6.510855779
0.1543	0.15368845	0.98811935	0.155536325	6.429366244	1.012023492	6.506669678
0.1544	0.15378726	0.98810398	0.155638746	6.425135290	1.012039238	6.502489023
0.1545	0.15388607	0.98808860	0.155741170	6.420909768	1.012054995	6.498313801
0.1546	0.15398488	0.98807320	0.155843597	6.416689670	1.012070762	6.494144002
0.1547	0.15408369	0.98805780	0.155946027	6.412474983	1.012086540	6.489979616
0.1548	0.15418249	0.98804239	0.156048461	6.408265699	1.012102328	6.485820632
0.1549	0.15428130	0.98802696	0.156150898	6.404061806	1.012118127	6.481667040

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.1550	0.15438010	0.98801153	0.156253338	6.399863294	1.012133937	6.477518829
0.1551	0.15447890	0.98799609	0.156355781	6.395670153	1.012149757	6.473375989
0.1552	0.15457770	0.98798063	0.156458227	6.391482371	1.012165588	6.469238510
0.1553	0.15467650	0.98796517	0.156560677	6.387299940	1.012181429	6.465106381
0.1554	0.15477529	0.98794970	0.156663129	6.383122848	1.012197281	6.460979592
0.1555	0.15487409	0.98793422	0.156765585	6.378951085	1.012213144	6.456858132
0.1556	0.15497288	0.98791872	0.156868044	6.374784641	1.012229017	6.452741992
0.1557	0.15507167	0.98790322	0.156970507	6.370623506	1.012244901	6.448631161
0.1558	0.15517046	0.98788771	0.157072972	6.366467669	1.012260796	6.444525628
0.1559	0.15526925	0.98787219	0.157175441	6.362317120	1.012276701	6.440425385
0.1560	0.15536803	0.98785666	0.157277913	6.358171849	1.012292617	6.436330419
0.1561	0.15546682	0.98784111	0.157380388	6.354031847	1.012308543	6.432240722
0.1562	0.15556560	0.98782556	0.157482867	6.349897102	1.012324480	6.428156284
0.1563	0.15566438	0.98781000	0.157585349	6.345767605	1.012340428	6.424077093
0.1564	0.15576316	0.98779443	0.157687834	6.341643345	1.012356386	6.420003140
0.1565	0.15586194	0.98777885	0.157790322	6.337524313	1.012372355	6.415934415
0.1566	0.15596072	0.98776326	0.157892813	6.333410499	1.012388335	6.411870909
0.1567	0.15605950	0.98774766	0.157995308	6.329301892	1.012404325	6.407812610
0.1568	0.15615827	0.98773205	0.158097806	6.325198483	1.012420326	6.403759509
0.1569	0.15625704	0.98771643	0.158200307	6.321100262	1.012436337	6.399711597
0.1570	0.15635581	0.98770079	0.158302811	6.317007218	1.012452359	6.395668862
0.1571	0.15645458	0.98768515	0.158405319	6.312919343	1.012468392	6.391631296
0.1572	0.15655335	0.98766950	0.158507829	6.308836625	1.012484435	6.387598888
0.1573	0.15665212	0.98765384	0.158610344	6.304759055	1.012500489	6.383571629
0.1574	0.15675088	0.98763817	0.158712861	6.300686624	1.012516554	6.379549509
0.1575	0.15684964	0.98762249	0.158815382	6.296619322	1.012532629	6.375532518
0.1576	0.15694840	0.98760680	0.158917905	6.292557138	1.012548715	6.371520645
0.1577	0.15704716	0.98759110	0.159020433	6.288500063	1.012564812	6.367513883
0.1578	0.15714592	0.98757539	0.159122963	6.284448088	1.012580919	6.363512220
0.1579	0.15724468	0.98755967	0.159225497	6.280401203	1.012597037	6.359515647
0.1580	0.15734343	0.98754395	0.159328033	6.276359397	1.012613165	6.355524155
0.1581	0.15744219	0.98752821	0.159430574	6.272322662	1.012629304	6.351537733
0.1582	0.15754094	0.98751246	0.159533117	6.268290988	1.012645454	6.347556373
0.1583	0.15763969	0.98749670	0.159635664	6.264264364	1.012661614	6.343580064
0.1584	0.15773844	0.98748093	0.159738214	6.260242783	1.012677785	6.339608797
0.1585	0.15783719	0.98746515	0.159840767	6.256226233	1.012693967	6.335642563
0.1586	0.15793593	0.98744936	0.159943324	6.252214706	1.012710159	6.331681351
0.1587	0.15803468	0.98743356	0.160045883	6.248208192	1.012726362	6.327725153
0.1588	0.15813342	0.98741775	0.160148447	6.244206682	1.012742576	6.323773959
0.1589	0.15823216	0.98740194	0.160251013	6.240210166	1.012758800	6.319827760
0.1590	0.15833090	0.98738611	0.160353583	6.236218634	1.012775035	6.315886545
0.1591	0.15842964	0.98737027	0.160456156	6.232232078	1.012791281	6.311950307
0.1592	0.15852837	0.98735442	0.160558732	6.228250488	1.012807537	6.308019034
0.1593	0.15862711	0.98733856	0.160661311	6.224273854	1.012823804	6.304092719
0.1594	0.15872584	0.98732270	0.160763894	6.220302168	1.012840081	6.300171351
0.1595	0.15882457	0.98730682	0.160866480	6.216335419	1.012856369	6.296254922
0.1596	0.15892330	0.98729093	0.160969070	6.212373599	1.012872668	6.292343422
0.1597	0.15902203	0.98727503	0.161071663	6.208416699	1.012888977	6.288436841
0.1598	0.15912076	0.98725913	0.161174259	6.204464709	1.012905297	6.284535172
0.1599	0.15921948	0.98724321	0.161276858	6.200517619	1.012921628	6.280638403

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.1600	0.15931821	0.98722728	0.161379461	6.196575422	1.012937970	6.276746527
0.1601	0.15941693	0.98721135	0.161482067	6.192638107	1.012954322	6.272859533
0.1602	0.15951565	0.98719540	0.161584676	6.188705666	1.012970684	6.268977414
0.1603	0.15961437	0.98717944	0.161687289	6.184778088	1.012987058	6.265100159
0.1604	0.15971308	0.98716348	0.161789905	6.180855367	1.013003442	6.261227760
0.1605	0.15981180	0.98714750	0.161892524	6.176937491	1.013019837	6.257360207
0.1606	0.15991051	0.98713151	0.161995146	6.173024452	1.013036242	6.253497492
0.1607	0.16000923	0.98711552	0.162097772	6.169116242	1.013052658	6.249639606
0.1608	0.16010794	0.98709951	0.162200402	6.165212850	1.013069085	6.245786539
0.1609	0.16020665	0.98708350	0.162303034	6.161314269	1.013085522	6.241938282
0.1610	0.16030535	0.98706747	0.162405670	6.157420488	1.013101970	6.238094827
0.1611	0.16040406	0.98705144	0.162508309	6.153531500	1.013118429	6.234256165
0.1612	0.16050276	0.98703539	0.162610952	6.149647295	1.013134898	6.230422286
0.1613	0.16060147	0.98701934	0.162713598	6.145767865	1.013151378	6.226593182
0.1614	0.16070017	0.98700327	0.162816247	6.141893200	1.013167869	6.222768844
0.1615	0.16079887	0.98698720	0.162918900	6.138023292	1.013184370	6.218949262
0.1616	0.16089757	0.98697111	0.163021555	6.134158131	1.013200882	6.215134430
0.1617	0.16099626	0.98695502	0.163124215	6.130297710	1.013217405	6.211324336
0.1618	0.16109496	0.98693891	0.163226877	6.126442018	1.013233938	6.207518973
0.1619	0.16119365	0.98692280	0.163329543	6.122591048	1.013250482	6.203718332
0.1620	0.16129234	0.98690667	0.163432213	6.118744791	1.013267037	6.199922404
0.1621	0.16139103	0.98689054	0.163534885	6.114903238	1.013283602	6.196131181
0.1622	0.16148972	0.98687439	0.163637561	6.111066380	1.013300178	6.192344653
0.1623	0.16158841	0.98685824	0.163740241	6.107234208	1.013316765	6.188562812
0.1624	0.16168709	0.98684208	0.163842924	6.103406715	1.013333363	6.184785649
0.1625	0.16178577	0.98682590	0.163945610	6.099583891	1.013349971	6.181013157
0.1626	0.16188446	0.98680972	0.164048299	6.095765727	1.013366589	6.177245325
0.1627	0.16198314	0.98679353	0.164150992	6.091952216	1.013383219	6.173482146
0.1628	0.16208181	0.98677732	0.164253688	6.088143348	1.013399859	6.169723610
0.1629	0.16218049	0.98676111	0.164356388	6.084339115	1.013416510	6.165969710
0.1630	0.16227917	0.98674489	0.164459091	6.080539509	1.013433171	6.162220437
0.1631	0.16237784	0.98672865	0.164561797	6.076744520	1.013449843	6.158475783
0.1632	0.16247651	0.98671241	0.164664507	6.072954141	1.013466526	6.154735738
0.1633	0.16257518	0.98669616	0.164767220	6.069168363	1.013483220	6.151000294
0.1634	0.16267385	0.98667990	0.164869937	6.065387177	1.013499924	6.147269444
0.1635	0.16277252	0.98666362	0.164972657	6.061610576	1.013516639	6.143543178
0.1636	0.16287118	0.98664734	0.165075380	6.057838550	1.013533365	6.139821488
0.1637	0.16296985	0.98663105	0.165178107	6.054071092	1.013550101	6.136104365
0.1638	0.16306851	0.98661475	0.165280837	6.050308192	1.013566848	6.132391802
0.1639	0.16316717	0.98659844	0.165383570	6.046549843	1.013583605	6.128683790
0.1640	0.16326583	0.98658211	0.165486307	6.042796036	1.013600374	6.124980321
0.1641	0.16336449	0.98656578	0.165589047	6.039046763	1.013617153	6.121281386
0.1642	0.16346314	0.98654944	0.165691791	6.035302016	1.013633943	6.117586978
0.1643	0.16356180	0.98653309	0.165794538	6.031561787	1.013650743	6.113897087
0.1644	0.16366045	0.98651673	0.165897289	6.027826066	1.013667554	6.110211705
0.1645	0.16375910	0.98650036	0.166000042	6.024094846	1.013684376	6.106530825
0.1646	0.16385775	0.98648398	0.166102800	6.020368120	1.013701208	6.102854438
0.1647	0.16395640	0.98646759	0.166205560	6.016645877	1.013718052	6.099182536
0.1648	0.16405504	0.98645119	0.166308325	6.012928111	1.013734906	6.095515111
0.1649	0.16415369	0.98643478	0.166411092	6.009214814	1.013751770	6.091852155

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.1650	0.16425233	0.98641836	0.166513863	6.005505976	1.013768646	6.088193659
0.1651	0.16435097	0.98640193	0.166616638	6.001801591	1.013785532	6.084539615
0.1652	0.16444961	0.98638549	0.166719415	5.998101649	1.013802428	6.080890016
0.1653	0.16454825	0.98636904	0.166822197	5.994406143	1.013819336	6.077244853
0.1654	0.16464689	0.98635258	0.166924981	5.990715065	1.013836254	6.073604119
0.1655	0.16474552	0.98633611	0.167027769	5.987028407	1.013853183	6.069967804
0.1656	0.16484415	0.98631963	0.167130561	5.983346161	1.013870122	6.066335902
0.1657	0.16494278	0.98630314	0.167233356	5.979668318	1.013887072	6.062708404
0.1658	0.16504141	0.98628664	0.167336154	5.975994871	1.013904033	6.059085303
0.1659	0.16514004	0.98627013	0.167438956	5.972325813	1.013921005	6.055466589
0.1660	0.16523867	0.98625361	0.167541761	5.968661134	1.013937987	6.051852256
0.1661	0.16533729	0.98623708	0.167644570	5.965000827	1.013954980	6.048242295
0.1662	0.16543591	0.98622054	0.167747382	5.961344884	1.013971984	6.044636699
0.1663	0.16553454	0.98620399	0.167850198	5.957693298	1.013988998	6.041035460
0.1664	0.16563316	0.98618744	0.167953017	5.954046060	1.014006024	6.037438569
0.1665	0.16573177	0.98617087	0.168055840	5.950403162	1.014023060	6.033846020
0.1666	0.16583039	0.98615429	0.168158666	5.946764597	1.014040106	6.030257804
0.1667	0.16592900	0.98613770	0.168261495	5.943130358	1.014057163	6.026673913
0.1668	0.16602762	0.98612110	0.168364328	5.939500435	1.014074231	6.023094339
0.1669	0.16612623	0.98610450	0.168467164	5.935874822	1.014091310	6.019519076
0.1670	0.16622484	0.98608788	0.168570004	5.932253511	1.014108400	6.015948114
0.1671	0.16632345	0.98607125	0.168672848	5.928636493	1.014125500	6.012381447
0.1672	0.16642205	0.98605461	0.168775694	5.925023762	1.014142611	6.008819067
0.1673	0.16652066	0.98603797	0.168878545	5.921415309	1.014159732	6.005260966
0.1674	0.16661926	0.98602131	0.168981398	5.917811127	1.014176865	6.001707136
0.1675	0.16671786	0.98600464	0.169084256	5.914211209	1.014194008	5.998157569
0.1676	0.16681646	0.98598797	0.169187116	5.910615546	1.014211162	5.994612259
0.1677	0.16691506	0.98597128	0.169289981	5.907024131	1.014228326	5.991071197
0.1678	0.16701365	0.98595458	0.169392848	5.903436957	1.014245501	5.987534376
0.1679	0.16711225	0.98593788	0.169495719	5.899854015	1.014262687	5.984001788
0.1680	0.16721084	0.98592116	0.169598594	5.896275299	1.014279884	5.980473426
0.1681	0.16730943	0.98590443	0.169701472	5.892700800	1.014297091	5.976949282
0.1682	0.16740802	0.98588770	0.169804354	5.889130512	1.014314310	5.973429349
0.1683	0.16750661	0.98587095	0.169907239	5.885564426	1.014331538	5.969913619
0.1684	0.16760520	0.98585420	0.170010127	5.882002535	1.014348778	5.966402084
0.1685	0.16770378	0.98583743	0.170113019	5.878444833	1.014366028	5.962894738
0.1686	0.16780237	0.98582066	0.170215915	5.874891310	1.014383289	5.959391572
0.1687	0.16790095	0.98580387	0.170318814	5.871341961	1.014400561	5.955892580
0.1688	0.16799953	0.98578708	0.170421717	5.867796777	1.014417844	5.952397753
0.1689	0.16809810	0.98577027	0.170524623	5.864255750	1.014435137	5.948907085
0.1690	0.16819668	0.98575346	0.170627532	5.860718875	1.014452441	5.945420568
0.1691	0.16829525	0.98573663	0.170730446	5.857186143	1.014469756	5.941938195
0.1692	0.16839383	0.98571980	0.170833362	5.853657547	1.014487081	5.938459958
0.1693	0.16849240	0.98570295	0.170936282	5.850133079	1.014504417	5.934985850
0.1694	0.16859097	0.98568610	0.171039206	5.846612733	1.014521764	5.931515864
0.1695	0.16868954	0.98566923	0.171142133	5.843096501	1.014539122	5.928049993
0.1696	0.16878810	0.98565236	0.171245064	5.839584375	1.014556490	5.924588228
0.1697	0.16888667	0.98563548	0.171347998	5.836076349	1.014573869	5.921130564
0.1698	0.16898523	0.98561858	0.171450936	5.832572415	1.014591259	5.917676992
0.1699	0.16908379	0.98560168	0.171553877	5.829072566	1.014608660	5.914227505

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.1700	0.16918235	0.98558477	0.171656822	5.825576795	1.014626071	5.910782097
0.1701	0.16928091	0.98556784	0.171759771	5.822085095	1.014643493	5.907340760
0.1702	0.16937946	0.98555091	0.171862722	5.818597458	1.014660926	5.903903487
0.1703	0.16947802	0.98553397	0.171965678	5.815113877	1.014678370	5.900470270
0.1704	0.16957657	0.98551702	0.172068637	5.811634346	1.014695824	5.897041103
0.1705	0.16967512	0.98550005	0.172171599	5.808158856	1.014713289	5.893615978
0.1706	0.16977367	0.98548308	0.172274566	5.804687402	1.014730765	5.890194889
0.1707	0.16987222	0.98546610	0.172377535	5.801219975	1.014748252	5.886777828
0.1708	0.16997076	0.98544911	0.172480508	5.797756569	1.014765749	5.883364788
0.1709	0.17006931	0.98543210	0.172583485	5.794297176	1.014783257	5.879955762
0.1710	0.17016785	0.98541509	0.172686465	5.790841790	1.014800776	5.876550743
0.1711	0.17026639	0.98539807	0.172789449	5.787390404	1.014818306	5.873149725
0.1712	0.17036493	0.98538104	0.172892437	5.783943010	1.014835846	5.869752699
0.1713	0.17046347	0.98536400	0.172995428	5.780499602	1.014853397	5.866359659
0.1714	0.17056200	0.98534695	0.173098422	5.777060173	1.014870959	5.862970599
0.1715	0.17066054	0.98532988	0.173201420	5.773624715	1.014888532	5.859585510
0.1716	0.17075907	0.98531281	0.173304422	5.770193222	1.014906115	5.856204387
0.1717	0.17085760	0.98529573	0.173407427	5.766765687	1.014923709	5.852827222
0.1718	0.17095613	0.98527864	0.173510436	5.763342103	1.014941314	5.849454008
0.1719	0.17105465	0.98526154	0.173613448	5.759922462	1.014958930	5.846084739
0.1720	0.17115318	0.98524443	0.173716464	5.756506759	1.014976556	5.842719407
0.1721	0.17125170	0.98522731	0.173819484	5.753094986	1.014994194	5.839358005
0.1722	0.17135022	0.98521018	0.173922507	5.749687136	1.015011841	5.836000528
0.1723	0.17144874	0.98519304	0.174025533	5.746283203	1.015029500	5.832646968
0.1724	0.17154726	0.98517589	0.174128564	5.742883180	1.015047170	5.829297318
0.1725	0.17164578	0.98515873	0.174231598	5.739487059	1.015064850	5.825951571
0.1726	0.17174429	0.98514156	0.174334635	5.736094835	1.015082541	5.822609721
0.1727	0.17184281	0.98512438	0.174437676	5.732706500	1.015100243	5.819271760
0.1728	0.17194132	0.98510719	0.174540721	5.729322048	1.015117955	5.815937683
0.1729	0.17203983	0.98508999	0.174643769	5.725941472	1.015135679	5.812607482
0.1730	0.17213834	0.98507279	0.174746821	5.722564765	1.015153413	5.809281151
0.1731	0.17223684	0.98505557	0.174849876	5.719191920	1.015171158	5.805958682
0.1732	0.17233535	0.98503834	0.174952935	5.715822931	1.015188913	5.802640070
0.1733	0.17243385	0.98502110	0.175055998	5.712457792	1.015206680	5.799325307
0.1734	0.17253235	0.98500385	0.175159064	5.709096494	1.015224457	5.796014388
0.1735	0.17263085	0.98498659	0.175262134	5.705739033	1.015242245	5.792707304
0.1736	0.17272935	0.98496933	0.175365208	5.702385401	1.015260044	5.789404050
0.1737	0.17282785	0.98495205	0.175468285	5.699035591	1.015277853	5.786104619
0.1738	0.17292634	0.98493476	0.175571365	5.695689597	1.015295673	5.782809005
0.1739	0.17302483	0.98491746	0.175674450	5.692347413	1.015313504	5.779517200
0.1740	0.17312332	0.98490015	0.175777538	5.689009031	1.015331346	5.776229199
0.1741	0.17322181	0.98488284	0.175880629	5.685674446	1.015349199	5.772944994
0.1742	0.17332030	0.98486551	0.175983725	5.682343650	1.015367062	5.769664579
0.1743	0.17341879	0.98484817	0.176086823	5.679016638	1.015384937	5.766387948
0.1744	0.17351727	0.98483083	0.176189926	5.675693402	1.015402822	5.763115094
0.1745	0.17361575	0.98481347	0.176293032	5.672373936	1.015420717	5.759846011
0.1746	0.17371423	0.98479610	0.176396142	5.669058235	1.015438624	5.756580692
0.1747	0.17381271	0.98477873	0.176499255	5.665746290	1.015456541	5.753319131
0.1748	0.17391119	0.98476134	0.176602372	5.662438096	1.015474469	5.750061321
0.1749	0.17400966	0.98474394	0.176705493	5.659133647	1.015492408	5.746807255

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.1750	0.17410814	0.98472654	0.176808617	5.655832935	1.015510358	5.743556929
0.1751	0.17420661	0.98470912	0.176911745	5.652535955	1.015528318	5.740310334
0.1752	0.17430508	0.98469170	0.177014877	5.649242701	1.015546290	5.737067464
0.1753	0.17440355	0.98467426	0.177118012	5.645953165	1.015564272	5.733828314
0.1754	0.17450201	0.98465682	0.177221151	5.642667341	1.015582265	5.730592877
0.1755	0.17460048	0.98463936	0.177324293	5.639385224	1.015600268	5.727361146
0.1756	0.17469894	0.98462190	0.177427440	5.636106806	1.015618283	5.724133116
0.1757	0.17479740	0.98460442	0.177530590	5.632832081	1.015636308	5.720908779
0.1758	0.17489586	0.98458694	0.177633743	5.629561044	1.015654344	5.717688130
0.1759	0.17499432	0.98456944	0.177736900	5.626293688	1.015672391	5.714471162
0.1760	0.17509278	0.98455194	0.177840061	5.623030006	1.015690449	5.711257869
0.1761	0.17519123	0.98453442	0.177943226	5.619769993	1.015708517	5.708048245
0.1762	0.17528968	0.98451690	0.178046394	5.616513641	1.015726596	5.704842284
0.1763	0.17538813	0.98449937	0.178149566	5.613260945	1.015744686	5.701639978
0.1764	0.17548658	0.98448182	0.178252741	5.610011899	1.015762787	5.698441323
0.1765	0.17558503	0.98446427	0.178355921	5.606766497	1.015780899	5.695246311
0.1766	0.17568348	0.98444671	0.178459104	5.603524731	1.015799021	5.692054938
0.1767	0.17578192	0.98442913	0.178562290	5.600286597	1.015817155	5.688867195
0.1768	0.17588036	0.98441155	0.178665480	5.597052087	1.015835299	5.685683078
0.1769	0.17597880	0.98439396	0.178768674	5.593821196	1.015853453	5.682502580
0.1770	0.17607724	0.98437635	0.178871872	5.590593918	1.015871619	5.679325695
0.1771	0.17617568	0.98435874	0.178975073	5.587370246	1.015889796	5.676152417
0.1772	0.17627411	0.98434112	0.179078278	5.584150175	1.015907983	5.672982740
0.1773	0.17637255	0.98432349	0.179181487	5.580933697	1.015926181	5.669816658
0.1774	0.17647098	0.98430584	0.179284700	5.577720808	1.015944390	5.666654164
0.1775	0.17656941	0.98428819	0.179387916	5.574511502	1.015962610	5.663495253
0.1776	0.17666784	0.98427053	0.179491136	5.571305771	1.015980840	5.660339918
0.1777	0.17676626	0.98425286	0.179594359	5.568103610	1.015999082	5.657188154
0.1778	0.17686469	0.98423518	0.179697587	5.564905013	1.016017334	5.654039954
0.1779	0.17696311	0.98421749	0.179800817	5.561709974	1.016035597	5.650895313
0.1780	0.17706153	0.98419978	0.179904052	5.558518488	1.016053871	5.647754224
0.1781	0.17715995	0.98418207	0.180007291	5.555330547	1.016072155	5.644616682
0.1782	0.17725837	0.98416435	0.180110533	5.552146146	1.016090451	5.641482680
0.1783	0.17735678	0.98414662	0.180213779	5.548965279	1.016108757	5.638352213
0.1784	0.17745520	0.98412888	0.180317028	5.545787941	1.016127074	5.635225274
0.1785	0.17755361	0.98411113	0.180420281	5.542614125	1.016145402	5.632101858
0.1786	0.17765202	0.98409337	0.180523538	5.539443825	1.016163741	5.628981958
0.1787	0.17775043	0.98407560	0.180626799	5.536277035	1.016182090	5.625865570
0.1788	0.17784883	0.98405782	0.180730064	5.533113750	1.016200451	5.622752686
0.1789	0.17794724	0.98404003	0.180833332	5.529953964	1.016218822	5.619643302
0.1790	0.17804564	0.98402223	0.180936604	5.526797670	1.016237204	5.616537411
0.1791	0.17814404	0.98400442	0.181039879	5.523644863	1.016255597	5.613435007
0.1792	0.17824244	0.98398660	0.181143159	5.520495537	1.016274000	5.610336084
0.1793	0.17834084	0.98396877	0.181246442	5.517349687	1.016292415	5.607240638
0.1794	0.17843924	0.98395093	0.181349729	5.514207306	1.016310840	5.604148661
0.1795	0.17853763	0.98393308	0.181453020	5.511068389	1.016329277	5.601060148
0.1796	0.17863602	0.98391523	0.181556314	5.507932929	1.016347724	5.597975094
0.1797	0.17873441	0.98389736	0.181659612	5.504800922	1.016366181	5.594893492
0.1798	0.17883280	0.98387948	0.181762914	5.501672361	1.016384650	5.591815337
0.1799	0.17893119	0.98386159	0.181866220	5.498547240	1.016403130	5.588740623

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.1800	0.17902957	0.98384369	0.181969529	5.495425554	1.016421620	5.585669344
0.1801	0.17912796	0.98382578	0.182072842	5.492307298	1.016440121	5.582601495
0.1802	0.17922634	0.98380787	0.182176159	5.489192465	1.016458633	5.579537070
0.1803	0.17932472	0.98378994	0.182279480	5.486081049	1.016477156	5.576476063
0.1804	0.17942310	0.98377200	0.182382804	5.482973046	1.016495690	5.573418468
0.1805	0.17952147	0.98375406	0.182486133	5.479868448	1.016514234	5.570364280
0.1806	0.17961985	0.98373610	0.182589465	5.476767252	1.016532790	5.567313493
0.1807	0.17971822	0.98371813	0.182692800	5.473669451	1.016551356	5.564266102
0.1808	0.17981659	0.98370015	0.182796140	5.470575039	1.016569933	5.561222101
0.1809	0.17991496	0.98368217	0.182899483	5.467484011	1.016588521	5.558181484
0.1810	0.18001333	0.98366417	0.183002830	5.464396361	1.016607120	5.555144245
0.1811	0.18011169	0.98364617	0.183106181	5.461312083	1.016625729	5.552110380
0.1812	0.18021006	0.98362815	0.183209536	5.458231173	1.016644350	5.549079882
0.1813	0.18030842	0.98361012	0.183312894	5.455153624	1.016662981	5.546052746
0.1814	0.18040678	0.98359209	0.183416257	5.452079431	1.016681623	5.543028966
0.1815	0.18050514	0.98357404	0.183519623	5.449008588	1.016700276	5.540008537
0.1816	0.18060349	0.98355599	0.183622993	5.445941090	1.016718940	5.536991453
0.1817	0.18070185	0.98353792	0.183726366	5.442876931	1.016737615	5.533977709
0.1818	0.18080020	0.98351985	0.183829744	5.439816106	1.016756301	5.530967300
0.1819	0.18089855	0.98350176	0.183933125	5.436758610	1.016774997	5.527960219
0.1820	0.18099690	0.98348367	0.184036510	5.433704436	1.016793704	5.524956461
0.1821	0.18109525	0.98346556	0.184139899	5.430653579	1.016812422	5.521956021
0.1822	0.18119359	0.98344745	0.184243291	5.427606034	1.016831151	5.518958893
0.1823	0.18129194	0.98342932	0.184346688	5.424561796	1.016849891	5.515965072
0.1824	0.18139028	0.98341119	0.184450088	5.421520858	1.016868642	5.512974552
0.1825	0.18148862	0.98339304	0.184553492	5.418483216	1.016887404	5.509987329
0.1826	0.18158696	0.98337489	0.184656900	5.415448864	1.016906176	5.507003396
0.1827	0.18168530	0.98335673	0.184760312	5.412417797	1.016924959	5.504022748
0.1828	0.18178363	0.98333855	0.184863727	5.409390009	1.016943753	5.501045380
0.1829	0.18188196	0.98332037	0.184967147	5.406365495	1.016962558	5.498071286
0.1830	0.18198029	0.98330218	0.185070570	5.403344250	1.016981374	5.495100462
0.1831	0.18207862	0.98328397	0.185173997	5.400326268	1.017000201	5.492132901
0.1832	0.18217695	0.98326576	0.185277428	5.397311543	1.017019039	5.489168598
0.1833	0.18227528	0.98324754	0.185380863	5.394300072	1.017037887	5.486207548
0.1834	0.18237360	0.98322931	0.185484301	5.391291847	1.017056747	5.483249746
0.1835	0.18247192	0.98321106	0.185587743	5.388286864	1.017075617	5.480295186
0.1836	0.18257024	0.98319281	0.185691190	5.385285118	1.017094498	5.477343864
0.1837	0.18266856	0.98317455	0.185794640	5.382286603	1.017113390	5.474395773
0.1838	0.18276688	0.98315628	0.185898094	5.379291315	1.017132293	5.471450909
0.1839	0.18286519	0.98313800	0.186001551	5.376299247	1.017151207	5.468509266
0.1840	0.18296351	0.98311971	0.186105013	5.373310394	1.017170131	5.465570839
0.1841	0.18306182	0.98310140	0.186208478	5.370324752	1.017189067	5.462635622
0.1842	0.18316013	0.98308309	0.186311948	5.367342315	1.017208013	5.459703611
0.1843	0.18325843	0.98306477	0.186415421	5.364363077	1.017226970	5.456774801
0.1844	0.18335674	0.98304644	0.186518898	5.361387035	1.017245938	5.453849185
0.1845	0.18345504	0.98302810	0.186622379	5.358414182	1.017264917	5.450926760
0.1846	0.18355334	0.98300975	0.186725863	5.355444513	1.017283907	5.448007519
0.1847	0.18365164	0.98299139	0.186829352	5.352478023	1.017302908	5.445091458
0.1848	0.18374994	0.98297302	0.186932844	5.349514707	1.017321920	5.442178571
0.1849	0.18384824	0.98295464	0.187036341	5.346554559	1.017340942	5.439268853

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.1850	0.18394653	0.98293625	0.187139841	5.343597576	1.017359976	5.436362300
0.1851	0.18404483	0.98291785	0.187243345	5.340643751	1.017379020	5.433458905
0.1852	0.18414312	0.98289944	0.187346853	5.337693079	1.017398075	5.430558664
0.1853	0.18424141	0.98288102	0.187450365	5.334745555	1.017417141	5.427661572
0.1854	0.18433969	0.98286259	0.187553880	5.331801175	1.017436218	5.424767624
0.1855	0.18443798	0.98284415	0.187657400	5.328859933	1.017455306	5.421876814
0.1856	0.18453626	0.98282571	0.187760923	5.325921824	1.017474405	5.418989138
0.1857	0.18463454	0.98280725	0.187864451	5.322986843	1.017493514	5.416104590
0.1858	0.18473282	0.98278878	0.187967982	5.320054984	1.017512635	5.413223165
0.1859	0.18483110	0.98277030	0.188071517	5.317126244	1.017531766	5.410344859
0.1860	0.18492938	0.98275181	0.188175056	5.314200616	1.017550909	5.407469666
0.1861	0.18502765	0.98273331	0.188278599	5.311278097	1.017570062	5.404597582
0.1862	0.18512592	0.98271481	0.188382146	5.308358680	1.017589226	5.401728600
0.1863	0.18522419	0.98269629	0.188485697	5.305442361	1.017608401	5.398862717
0.1864	0.18532246	0.98267776	0.188589251	5.302529134	1.017627587	5.395999928
0.1865	0.18542073	0.98265923	0.188692810	5.299618996	1.017646784	5.393140226
0.1866	0.18551900	0.98264068	0.188796372	5.296711940	1.017665991	5.390283608
0.1867	0.18561726	0.98262212	0.188899939	5.293807963	1.017685210	5.387430069
0.1868	0.18571552	0.98260355	0.189003509	5.290907058	1.017704440	5.384579603
0.1869	0.18581378	0.98258498	0.189107083	5.288009222	1.017723680	5.381732205
0.1870	0.18591204	0.98256639	0.189210661	5.285114448	1.017742931	5.378887871
0.1871	0.18601029	0.98254780	0.189314243	5.282222733	1.017762194	5.376046596
0.1872	0.18610855	0.98252919	0.189417829	5.279334071	1.017781467	5.373208375
0.1873	0.18620680	0.98251057	0.189521419	5.276448458	1.017800751	5.370373202
0.1874	0.18630505	0.98249195	0.189625013	5.273565888	1.017820046	5.367541073
0.1875	0.18640330	0.98247331	0.189728611	5.270686357	1.017839352	5.364711984
0.1876	0.18650154	0.98245467	0.189832212	5.267809859	1.017858668	5.361885929
0.1877	0.18659979	0.98243601	0.189935818	5.264936391	1.017877996	5.359062903
0.1878	0.18669803	0.98241735	0.190039428	5.262065947	1.017897335	5.356242902
0.1879	0.18679627	0.98239867	0.190143041	5.259198522	1.017916684	5.353425921
0.1880	0.18689451	0.98237999	0.190246658	5.256334111	1.017936045	5.350611955
0.1881	0.18699275	0.98236129	0.190350280	5.253472711	1.017955416	5.347800999
0.1882	0.18709098	0.98234259	0.190453905	5.250614315	1.017974798	5.344993048
0.1883	0.18718922	0.98232388	0.190557534	5.247758919	1.017994191	5.342188098
0.1884	0.18728745	0.98230515	0.190661167	5.244906518	1.018013596	5.339386143
0.1885	0.18738568	0.98228642	0.190764805	5.242057108	1.018033011	5.336587180
0.1886	0.18748390	0.98226768	0.190868446	5.239210684	1.018052437	5.333791203
0.1887	0.18758213	0.98224892	0.190972091	5.236367241	1.018071873	5.330998207
0.1888	0.18768035	0.98223016	0.191075740	5.233526774	1.018091321	5.328208188
0.1889	0.18777858	0.98221139	0.191179393	5.230689279	1.018110780	5.325421141
0.1890	0.18787680	0.98219260	0.191283050	5.227854751	1.018130250	5.322637062
0.1891	0.18797501	0.98217381	0.191386711	5.225023184	1.018149730	5.319855945
0.1892	0.18807323	0.98215501	0.191490375	5.222194576	1.018169222	5.317077786
0.1893	0.18817145	0.98213620	0.191594044	5.219368920	1.018188724	5.314302581
0.1894	0.18826966	0.98211737	0.191697717	5.216546212	1.018208237	5.311530324
0.1895	0.18836787	0.98209854	0.191801394	5.213726447	1.018227762	5.308761010
0.1896	0.18846608	0.98207970	0.191905075	5.210909621	1.018247297	5.305994636
0.1897	0.18856429	0.98206085	0.192008759	5.208095730	1.018266843	5.303231197
0.1898	0.18866249	0.98204199	0.192112448	5.205284768	1.018286400	5.300470688
0.1899	0.18876069	0.98202312	0.192216141	5.202476730	1.018305968	5.297713104

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.1900	0.18885889	0.98200424	0.192319838	5.199671613	1.018325547	5.294958440
0.1901	0.18895709	0.98198534	0.192423538	5.196869412	1.018345137	5.292206693
0.1902	0.18905529	0.98196644	0.192527243	5.194070121	1.018364738	5.289457857
0.1903	0.18915349	0.98194753	0.192630952	5.191273737	1.018384350	5.286711929
0.1904	0.18925168	0.98192861	0.192734664	5.188480255	1.018403972	5.283968902
0.1905	0.18934987	0.98190968	0.192838381	5.185689670	1.018423606	5.281228773
0.1906	0.18944806	0.98189074	0.192942102	5.182901978	1.018443251	5.278491538
0.1907	0.18954625	0.98187179	0.193045826	5.180117174	1.018462906	5.275757191
0.1908	0.18964444	0.98185283	0.193149555	5.177335254	1.018482573	5.273025728
0.1909	0.18974262	0.98183386	0.193253288	5.174556213	1.018502250	5.270297145
0.1910	0.18984080	0.98181489	0.193357024	5.171780046	1.018521938	5.267571437
0.1911	0.18993899	0.98179590	0.193460765	5.169006749	1.018541638	5.264848600
0.1912	0.19003716	0.98177690	0.193564510	5.166236318	1.018561348	5.262128628
0.1913	0.19013534	0.98175789	0.193668258	5.163468748	1.018581069	5.259411518
0.1914	0.19023352	0.98173887	0.193772011	5.160704035	1.018600801	5.256697265
0.1915	0.19033169	0.98171984	0.193875768	5.157942174	1.018620544	5.253985865
0.1916	0.19042986	0.98170080	0.193979529	5.155183160	1.018640298	5.251277313
0.1917	0.19052803	0.98168176	0.194083294	5.152426990	1.018660063	5.248571604
0.1918	0.19062620	0.98166270	0.194187062	5.149673658	1.018679839	5.245868735
0.1919	0.19072436	0.98164363	0.194290835	5.146923160	1.018699626	5.243168700
0.1920	0.19082252	0.98162455	0.194394612	5.144175493	1.018719424	5.240471496
0.1921	0.19092069	0.98160547	0.194498393	5.141430651	1.018739233	5.237777118
0.1922	0.19101885	0.98158637	0.194602178	5.138688629	1.018759053	5.235085561
0.1923	0.19111700	0.98156726	0.194705967	5.135949425	1.018778884	5.232396821
0.1924	0.19121516	0.98154815	0.194809760	5.133213033	1.018798725	5.229710894
0.1925	0.19131331	0.98152902	0.194913557	5.130479448	1.018818578	5.227027776
0.1926	0.19141146	0.98150988	0.195017358	5.127748667	1.018838442	5.224347461
0.1927	0.19150961	0.98149074	0.195121164	5.125020685	1.018858316	5.221669946
0.1928	0.19160776	0.98147158	0.195224973	5.122295498	1.018878202	5.218995226
0.1929	0.19170591	0.98145242	0.195328786	5.119573102	1.018898098	5.216323298
0.1930	0.19180405	0.98143324	0.195432604	5.116853491	1.018918006	5.213654155
0.1931	0.19190220	0.98141405	0.195536425	5.114136662	1.018937924	5.210987795
0.1932	0.19200034	0.98139486	0.195640250	5.111422611	1.018957854	5.208324213
0.1933	0.19209847	0.98137565	0.195744080	5.108711333	1.018977794	5.205663405
0.1934	0.19219661	0.98135644	0.195847914	5.106002823	1.018997745	5.203005365
0.1935	0.19229475	0.98133722	0.195951751	5.103297078	1.019017708	5.200350091
0.1936	0.19239288	0.98131798	0.196055593	5.100594094	1.019037681	5.197697578
0.1937	0.19249101	0.98129874	0.196159439	5.097893865	1.019057665	5.195047821
0.1938	0.19258914	0.98127948	0.196263289	5.095196388	1.019077661	5.192400816
0.1939	0.19268727	0.98126022	0.196367143	5.092501658	1.019097667	5.189756559
0.1940	0.19278539	0.98124095	0.196471001	5.089809672	1.019117684	5.187115046
0.1941	0.19288351	0.98122166	0.196574863	5.087120424	1.019137712	5.184476272
0.1942	0.19298163	0.98120237	0.196678729	5.084433912	1.019157752	5.181840233
0.1943	0.19307975	0.98118307	0.196782599	5.081750129	1.019177802	5.179206925
0.1944	0.19317787	0.98116375	0.196886474	5.079069073	1.019197863	5.176576345
0.1945	0.19327599	0.98114443	0.196990352	5.076390739	1.019217935	5.173948486
0.1946	0.19337410	0.98112510	0.197094235	5.073715123	1.019238018	5.171323346
0.1947	0.19347221	0.98110576	0.197198121	5.071042221	1.019258112	5.168700921
0.1948	0.19357032	0.98108640	0.197302012	5.068372028	1.019278217	5.166081205
0.1949	0.19366843	0.98106704	0.197405907	5.065704541	1.019298333	5.163464195

x	sin(x)	cos(x)	tan(x)	cot(x)	sec(x)	csc(x)
0.1950	0.19376653	0.98104767	0.197509806	5.063039754	1.019318460	5.160849887
0.1951	0.19386464	0.98102829	0.197613709	5.060377665	1.019338598	5.158238276
0.1952	0.19396274	0.98100890	0.197717616	5.057718268	1.019358747	5.155629359
0.1953	0.19406084	0.98098950	0.197821528	5.055061561	1.019378907	5.153023130
0.1954	0.19415894	0.98097008	0.197925443	5.052407538	1.019399078	5.150419587
0.1955	0.19425703	0.98095066	0.198029362	5.049756195	1.019419260	5.147818725
0.1956	0.19435513	0.98093123	0.198133286	5.047107529	1.019439453	5.145220540
0.1957	0.19445322	0.98091179	0.198237214	5.044461535	1.019459657	5.142625028
0.1958	0.19455131	0.98089234	0.198341146	5.041818209	1.019479872	5.140032184
0.1959	0.19464940	0.98087288	0.198445082	5.039177547	1.019500098	5.137442005
0.1960	0.19474749	0.98085341	0.198549022	5.036539545	1.019520335	5.134854486
0.1961	0.19484557	0.98083393	0.198652966	5.033904200	1.019540583	5.132269624
0.1962	0.19494365	0.98081444	0.198756914	5.031271506	1.019560842	5.129687414
0.1963	0.19504173	0.98079494	0.198860867	5.028641460	1.019581112	5.127107852
0.1964	0.19513981	0.98077544	0.198964824	5.026014057	1.019601393	5.124530935
0.1965	0.19523789	0.98075592	0.199068784	5.023389295	1.019621685	5.121956658
0.1966	0.19533596	0.98073639	0.199172749	5.020767168	1.019641988	5.119385017
0.1967	0.19543404	0.98071685	0.199276718	5.018147673	1.019662302	5.116816009
0.1968	0.19553211	0.98069730	0.199380691	5.015530806	1.019682627	5.114249628
0.1969	0.19563017	0.98067774	0.199484669	5.012916562	1.019702963	5.111685872
0.1970	0.19572824	0.98065817	0.199588650	5.010304938	1.019723310	5.109124736
0.1971	0.19582631	0.98063860	0.199692636	5.007695929	1.019743668	5.106566216
0.1972	0.19592437	0.98061901	0.199796626	5.005089533	1.019764037	5.104010309
0.1973	0.19602243	0.98059941	0.199900620	5.002485744	1.019784417	5.101457009
0.1974	0.19612049	0.98057980	0.200004618	4.999884559	1.019804808	5.098906314
0.1975	0.19621855	0.98056019	0.200108620	4.997285973	1.019825210	5.096358219
0.1976	0.19631660	0.98054056	0.200212626	4.994689984	1.019845624	5.093812721
0.1977	0.19641465	0.98052092	0.200316637	4.992096586	1.019866048	5.091269815
0.1978	0.19651271	0.98050128	0.200420652	4.989505777	1.019886483	5.088729497
0.1979	0.19661075	0.98048162	0.200524671	4.986917552	1.019906929	5.086191765
0.1980	0.19670880	0.98046196	0.200628694	4.984331906	1.019927386	5.083656612
0.1981	0.19680685	0.98044228	0.200732721	4.981748837	1.019947854	5.081124037
0.1982	0.19690489	0.98042259	0.200836753	4.979168341	1.019968333	5.078594034
0.1983	0.19700293	0.98040290	0.200940788	4.976590413	1.019988824	5.076066601
0.1984	0.19710097	0.98038319	0.201044828	4.974015049	1.020009325	5.073541732
0.1985	0.19719901	0.98036348	0.201148872	4.971442246	1.020029837	5.071019425
0.1986	0.19729704	0.98034375	0.201252920	4.968872000	1.020050360	5.068499675
0.1987	0.19739508	0.98032402	0.201356973	4.966304307	1.020070895	5.065982478
0.1988	0.19749311	0.98030428	0.201461029	4.963739163	1.020091440	5.063467831
0.1989	0.19759114	0.98028452	0.201565090	4.961176564	1.020111997	5.060955730
0.1990	0.19768917	0.98026476	0.201669155	4.958616507	1.020132564	5.058446171
0.1991	0.19778719	0.98024498	0.201773224	4.956058988	1.020153142	5.055939150
0.1992	0.19788521	0.98022520	0.201877297	4.953504002	1.020173732	5.053434663
0.1993	0.19798324	0.98020541	0.201981375	4.950951546	1.020194332	5.050932707
0.1994	0.19808126	0.98018560	0.202085457	4.948401616	1.020214944	5.048433277
0.1995	0.19817927	0.98016579	0.202189543	4.945854209	1.020235566	5.045936371
0.1996	0.19827729	0.98014597	0.202293633	4.943309320	1.020256200	5.043441983
0.1997	0.19837530	0.98012613	0.202397727	4.940766946	1.020276845	5.040950111
0.1998	0.19847331	0.98010629	0.202501826	4.938227083	1.020297500	5.038460750
0.1999	0.19857132	0.98008644	0.202605928	4.935689728	1.020318167	5.035973897

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.2000	0.19866933	0.98006658	0.202710036	4.933154876	1.020338845	5.033489548
0.2001	0.19876734	0.98004671	0.202814147	4.930622523	1.020359534	5.031007699
0.2002	0.19886534	0.98002682	0.202918262	4.928092667	1.020380234	5.028528346
0.2003	0.19896334	0.98000693	0.203022382	4.925565302	1.020400945	5.026051487
0.2004	0.19906134	0.97998703	0.203126506	4.923040427	1.020421666	5.023577116
0.2005	0.19915934	0.97996712	0.203230634	4.920518036	1.020442399	5.021105231
0.2006	0.19925733	0.97994720	0.203334766	4.917998126	1.020463143	5.018635827
0.2007	0.19935533	0.97992727	0.203438903	4.915480693	1.020483899	5.016168901
0.2008	0.19945332	0.97990733	0.203543044	4.912965735	1.020504665	5.013704450
0.2009	0.19955131	0.97988738	0.203647189	4.910453246	1.020525442	5.011242469
0.2010	0.19964930	0.97986742	0.203751338	4.907943223	1.020546230	5.008782954
0.2011	0.19974728	0.97984745	0.203855492	4.905435663	1.020567029	5.006325903
0.2012	0.19984527	0.97982747	0.203959650	4.902930562	1.020587840	5.003871311
0.2013	0.19994325	0.97980748	0.204063812	4.900427916	1.020608661	5.001419175
0.2014	0.20004123	0.97978748	0.204167978	4.897927722	1.020629494	4.998969491
0.2015	0.20013921	0.97976747	0.204272149	4.895429976	1.020650337	4.996522255
0.2016	0.20023718	0.97974745	0.204376324	4.892934674	1.020671192	4.994077465
0.2017	0.20033516	0.97972742	0.204480503	4.890441813	1.020692057	4.991635115
0.2018	0.20043313	0.97970739	0.204584686	4.887951389	1.020712934	4.989195203
0.2019	0.20053110	0.97968734	0.204688874	4.885463398	1.020733822	4.986757725
0.2020	0.20062907	0.97966728	0.204793066	4.882977837	1.020754721	4.984322678
0.2021	0.20072703	0.97964721	0.204897262	4.880494702	1.020775631	4.981890057
0.2022	0.20082499	0.97962713	0.205001462	4.878013990	1.020796551	4.979459859
0.2023	0.20092296	0.97960705	0.205105667	4.875535697	1.020817483	4.977032081
0.2024	0.20102092	0.97958695	0.205209876	4.873059819	1.020838427	4.974606718
0.2025	0.20111887	0.97956684	0.205314089	4.870586353	1.020859381	4.972183768
0.2026	0.20121683	0.97954673	0.205418307	4.868115296	1.020880346	4.969763227
0.2027	0.20131478	0.97952660	0.205522528	4.865646643	1.020901322	4.967345091
0.2028	0.20141273	0.97950646	0.205626754	4.863180391	1.020922310	4.964929357
0.2029	0.20151068	0.97948632	0.205730985	4.860716537	1.020943308	4.962516020
0.2030	0.20160863	0.97946616	0.205835219	4.858255077	1.020964317	4.960105079
0.2031	0.20170658	0.97944599	0.205939458	4.855796007	1.020985338	4.957696528
0.2032	0.20180452	0.97942582	0.206043702	4.853339325	1.021006370	4.955290365
0.2033	0.20190246	0.97940563	0.206147949	4.850885025	1.021027412	4.952886586
0.2034	0.20200040	0.97938544	0.206252201	4.848433106	1.021048466	4.950485187
0.2035	0.20209834	0.97936523	0.206356457	4.845983564	1.021069531	4.948086165
0.2036	0.20219628	0.97934502	0.206460718	4.843536394	1.021090607	4.945689517
0.2037	0.20229421	0.97932479	0.206564982	4.841091593	1.021111694	4.943295239
0.2038	0.20239214	0.97930456	0.206669252	4.838649159	1.021132792	4.940903327
0.2039	0.20249007	0.97928432	0.206773525	4.836209087	1.021153902	4.938513778
0.2040	0.20258800	0.97926406	0.206877803	4.833771374	1.021175022	4.936126589
0.2041	0.20268592	0.97924380	0.206982085	4.831336017	1.021196153	4.933741755
0.2042	0.20278385	0.97922352	0.207086371	4.828903012	1.021217296	4.931359275
0.2043	0.20288177	0.97920324	0.207190662	4.826472355	1.021238449	4.928979143
0.2044	0.20297969	0.97918295	0.207294956	4.824044043	1.021259614	4.926601357
0.2045	0.20307760	0.97916265	0.207399256	4.821618074	1.021280790	4.924225913
0.2046	0.20317552	0.97914233	0.207503559	4.819194442	1.021301976	4.921852809
0.2047	0.20327343	0.97912201	0.207607867	4.816773145	1.021323174	4.919482039
0.2048	0.20337134	0.97910168	0.207712180	4.814354180	1.021344383	4.917113602
0.2049	0.20346925	0.97908134	0.207816496	4.811937543	1.021365604	4.914747493

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.2050	0.20356716	0.97906098	0.207920817	4.809523230	1.021386835	4.912383709
0.2051	0.20366506	0.97904062	0.208025142	4.807111239	1.021408077	4.910022247
0.2052	0.20376297	0.97902025	0.208129472	4.804701566	1.021429330	4.907663103
0.2053	0.20386087	0.97899987	0.208233806	4.802294207	1.021450595	4.905306274
0.2054	0.20395877	0.97897948	0.208338144	4.799889159	1.021471871	4.902951757
0.2055	0.20405666	0.97895908	0.208442487	4.797486418	1.021493157	4.900599548
0.2056	0.20415456	0.97893867	0.208546834	4.795085982	1.021514455	4.898249644
0.2057	0.20425245	0.97891825	0.208651185	4.792687847	1.021535764	4.895902042
0.2058	0.20435034	0.97889782	0.208755541	4.790292010	1.021557084	4.893556737
0.2059	0.20444823	0.97887738	0.208859901	4.787898467	1.021578415	4.891213727
0.2060	0.20454612	0.97885693	0.208964265	4.785507214	1.021599757	4.888873009
0.2061	0.20464400	0.97883647	0.209068634	4.783118250	1.021621111	4.886534579
0.2062	0.20474189	0.97881600	0.209173007	4.780731569	1.021642475	4.884198433
0.2063	0.20483977	0.97879552	0.209277385	4.778347170	1.021663851	4.881864569
0.2064	0.20493765	0.97877503	0.209381767	4.775965048	1.021685237	4.879532984
0.2065	0.20503552	0.97875453	0.209486153	4.773585200	1.021706635	4.877203672
0.2066	0.20513340	0.97873402	0.209590544	4.771207624	1.021728044	4.874876633
0.2067	0.20523127	0.97871351	0.209694939	4.768832315	1.021749464	4.872551862
0.2068	0.20532914	0.97869298	0.209799338	4.766459270	1.021770895	4.870229355
0.2069	0.20542701	0.97867244	0.209903742	4.764088487	1.021792337	4.867909111
0.2070	0.20552487	0.97865189	0.210008150	4.761719961	1.021813791	4.865591124
0.2071	0.20562274	0.97863133	0.210112563	4.759353690	1.021835255	4.863275393
0.2072	0.20572060	0.97861077	0.210216979	4.756989671	1.021856731	4.860961914
0.2073	0.20581846	0.97859019	0.210321401	4.754627899	1.021878218	4.858650683
0.2074	0.20591632	0.97856960	0.210425827	4.752268372	1.021899715	4.856341697
0.2075	0.20601417	0.97854901	0.210530257	4.749911087	1.021921224	4.854034954
0.2076	0.20611203	0.97852840	0.210634691	4.747556040	1.021942745	4.851730449
0.2077	0.20620988	0.97850779	0.210739130	4.745203228	1.021964276	4.849428180
0.2078	0.20630773	0.97848716	0.210843573	4.742852648	1.021985818	4.847128144
0.2079	0.20640558	0.97846652	0.210948021	4.740504297	1.022007372	4.844830336
0.2080	0.20650342	0.97844588	0.211052473	4.738158171	1.022028936	4.842534755
0.2081	0.20660127	0.97842522	0.211156930	4.735814267	1.022050512	4.840241396
0.2082	0.20669911	0.97840456	0.211261391	4.733472583	1.022072099	4.837950257
0.2083	0.20679695	0.97838388	0.211365856	4.731133114	1.022093697	4.835661334
0.2084	0.20689478	0.97836320	0.211470326	4.728795857	1.022115306	4.833374625
0.2085	0.20699262	0.97834250	0.211574800	4.726460811	1.022136926	4.831090125
0.2086	0.20709045	0.97832180	0.211679278	4.724127970	1.022158558	4.828807832
0.2087	0.20718828	0.97830109	0.211783761	4.721797332	1.022180200	4.826527742
0.2088	0.20728611	0.97828036	0.211888249	4.719468895	1.022201854	4.824249854
0.2089	0.20738394	0.97825963	0.211992741	4.717142654	1.022223519	4.821974162
0.2090	0.20748176	0.97823889	0.212097237	4.714818607	1.022245195	4.819700665
0.2091	0.20757959	0.97821813	0.212201738	4.712496750	1.022266882	4.817429358
0.2092	0.20767741	0.97819737	0.212306243	4.710177081	1.022288580	4.815160239
0.2093	0.20777523	0.97817660	0.212410753	4.707859595	1.022310289	4.812893306
0.2094	0.20787304	0.97815581	0.212515267	4.705544291	1.022332010	4.810628553
0.2095	0.20797086	0.97813502	0.212619785	4.703231165	1.022353742	4.808365979
0.2096	0.20806867	0.97811422	0.212724308	4.700920214	1.022375484	4.806105581
0.2097	0.20816648	0.97809341	0.212828836	4.698611434	1.022397238	4.803847355
0.2098	0.20826429	0.97807259	0.212933367	4.696304823	1.022419004	4.801591297
0.2099	0.20836210	0.97805176	0.213037904	4.694000377	1.022440780	4.799337406

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.2100	0.20845990	0.97803091	0.213142444	4.691698094	1.022462567	4.797085678
0.2101	0.20855770	0.97801006	0.213246990	4.689397970	1.022484366	4.794836110
0.2102	0.20865550	0.97798920	0.213351539	4.687100002	1.022506176	4.792588698
0.2103	0.20875330	0.97796833	0.213456093	4.684804187	1.022527997	4.790343440
0.2104	0.20885110	0.97794745	0.213560652	4.682510523	1.022549829	4.788100333
0.2105	0.20894889	0.97792656	0.213665215	4.680219005	1.022571672	4.785859373
0.2106	0.20904668	0.97790566	0.213769783	4.677929632	1.022593526	4.783620558
0.2107	0.20914447	0.97788475	0.213874354	4.675642399	1.022615392	4.781383884
0.2108	0.20924226	0.97786383	0.213978931	4.673357305	1.022637268	4.779149349
0.2109	0.20934004	0.97784290	0.214083512	4.671074345	1.022659156	4.776916948
0.2110	0.20943783	0.97782197	0.214188097	4.668793516	1.022681055	4.774686681
0.2111	0.20953561	0.97780102	0.214292687	4.666514817	1.022702966	4.772458542
0.2112	0.20963339	0.97778006	0.214397282	4.664238243	1.022724887	4.770232530
0.2113	0.20973116	0.97775909	0.214501880	4.661963792	1.022746819	4.768008641
0.2114	0.20982894	0.97773811	0.214606484	4.659691461	1.022768763	4.765786872
0.2115	0.20992671	0.97771712	0.214711092	4.657421246	1.022790718	4.763567221
0.2116	0.21002448	0.97769613	0.214815704	4.655153146	1.022812684	4.761349683
0.2117	0.21012225	0.97767512	0.214920321	4.652887155	1.022834661	4.759134257
0.2118	0.21022002	0.97765410	0.215024942	4.650623273	1.022856650	4.756920940
0.2119	0.21031778	0.97763308	0.215129568	4.648361495	1.022878649	4.754709727
0.2120	0.21041554	0.97761204	0.215234198	4.646101819	1.022900660	4.752500617
0.2121	0.21051330	0.97759099	0.215338833	4.643844242	1.022922682	4.750293606
0.2122	0.21061106	0.97756994	0.215443472	4.641588760	1.022944715	4.748088691
0.2123	0.21070882	0.97754887	0.215548116	4.639335371	1.022966759	4.745885870
0.2124	0.21080657	0.97752779	0.215652765	4.637084072	1.022988815	4.743685139
0.2125	0.21090432	0.97750671	0.215757417	4.634834861	1.023010881	4.741486495
0.2126	0.21100207	0.97748561	0.215862075	4.632587733	1.023032959	4.739289936
0.2127	0.21109982	0.97746451	0.215966737	4.630342686	1.023055048	4.737095459
0.2128	0.21119757	0.97744339	0.216071403	4.628099717	1.023077148	4.734903060
0.2129	0.21129531	0.97742227	0.216176074	4.625858823	1.023099260	4.732712737
0.2130	0.21139305	0.97740113	0.216280750	4.623620002	1.023121382	4.730524487
0.2131	0.21149079	0.97737999	0.216385430	4.621383250	1.023143516	4.728338307
0.2132	0.21158853	0.97735884	0.216490114	4.619148564	1.023165661	4.726154193
0.2133	0.21168626	0.97733767	0.216594803	4.616915942	1.023187817	4.723972144
0.2134	0.21178399	0.97731650	0.216699497	4.614685381	1.023209984	4.721792156
0.2135	0.21188172	0.97729532	0.216804195	4.612456877	1.023232163	4.719614226
0.2136	0.21197945	0.97727412	0.216908898	4.610230428	1.023254352	4.717438352
0.2137	0.21207718	0.97725292	0.217013605	4.608006031	1.023276553	4.715264530
0.2138	0.21217490	0.97723171	0.217118317	4.605783683	1.023298765	4.713092757
0.2139	0.21227263	0.97721049	0.217223033	4.603563382	1.023320989	4.710923032
0.2140	0.21237035	0.97718925	0.217327754	4.601345123	1.023343223	4.708755350
0.2141	0.21246806	0.97716801	0.217432479	4.599128905	1.023365469	4.706589709
0.2142	0.21256578	0.97714676	0.217537209	4.596914725	1.023387726	4.704426106
0.2143	0.21266349	0.97712550	0.217641944	4.594702579	1.023409994	4.702264539
0.2144	0.21276120	0.97710423	0.217746683	4.592492466	1.023432273	4.700105004
0.2145	0.21285891	0.97708295	0.217851426	4.590284381	1.023454564	4.697947498
0.2146	0.21295662	0.97706166	0.217956175	4.588078323	1.023476865	4.695792020
0.2147	0.21305433	0.97704035	0.218060927	4.585874288	1.023499178	4.693638565
0.2148	0.21315203	0.97701904	0.218165685	4.583672273	1.023521502	4.691487132
0.2149	0.21324973	0.97699772	0.218270447	4.581472276	1.023543838	4.689337716

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.2150	0.21334743	0.97697639	0.218375213	4.579274294	1.023566184	4.687190317
0.2151	0.21344512	0.97695505	0.218479984	4.577078325	1.023588542	4.685044929
0.2152	0.21354282	0.97693371	0.218584760	4.574884364	1.023610911	4.682901552
0.2153	0.21364051	0.97691235	0.218689540	4.572692410	1.023633291	4.680760182
0.2154	0.21373820	0.97689098	0.218794325	4.570502460	1.023655683	4.678620816
0.2155	0.21383589	0.97686960	0.218899114	4.568314511	1.023678085	4.676483451
0.2156	0.21393358	0.97684821	0.219003908	4.566128560	1.023700499	4.674348086
0.2157	0.21403126	0.97682681	0.219108707	4.563944604	1.023722924	4.672214716
0.2158	0.21412894	0.97680540	0.219213510	4.561762641	1.023745360	4.670083339
0.2159	0.21422662	0.97678399	0.219318318	4.559582667	1.023767808	4.667953952
0.2160	0.21432430	0.97676256	0.219423130	4.557404681	1.023790267	4.665826553
0.2161	0.21442197	0.97674112	0.219527947	4.555228679	1.023812737	4.663701139
0.2162	0.21451965	0.97671967	0.219632769	4.553054658	1.023835218	4.661577708
0.2163	0.21461732	0.97669822	0.219737595	4.550882617	1.023857710	4.659456255
0.2164	0.21471499	0.97667675	0.219842425	4.548712551	1.023880214	4.657336779
0.2165	0.21481265	0.97665527	0.219947261	4.546544459	1.023902729	4.655219277
0.2166	0.21491032	0.97663379	0.220052101	4.544378337	1.023925255	4.653103746
0.2167	0.21500798	0.97661229	0.220156945	4.542214183	1.023947792	4.650990183
0.2168	0.21510564	0.97659079	0.220261795	4.540051994	1.023970340	4.648878586
0.2169	0.21520330	0.97656927	0.220366648	4.537891768	1.023992900	4.646768952
0.2170	0.21530095	0.97654775	0.220471507	4.535733501	1.024015471	4.644661278
0.2171	0.21539861	0.97652621	0.220576370	4.533577191	1.024038053	4.642555562
0.2172	0.21549626	0.97650467	0.220681238	4.531422835	1.024060647	4.640451801
0.2173	0.21559391	0.97648311	0.220786110	4.529270431	1.024083252	4.638349991
0.2174	0.21569155	0.97646155	0.220890987	4.527119976	1.024105868	4.636250131
0.2175	0.21578920	0.97643997	0.220995869	4.524971468	1.024128495	4.634152218
0.2176	0.21588684	0.97641839	0.221100755	4.522824902	1.024151133	4.632056249
0.2177	0.21598448	0.97639680	0.221205646	4.520680278	1.024173783	4.629962221
0.2178	0.21608212	0.97637519	0.221310541	4.518537591	1.024196444	4.627870133
0.2179	0.21617976	0.97635358	0.221415441	4.516396840	1.024219116	4.625779980
0.2180	0.21627739	0.97633196	0.221520346	4.514258022	1.024241799	4.623691760
0.2181	0.21637503	0.97631032	0.221625256	4.512121134	1.024264494	4.621605471
0.2182	0.21647266	0.97628868	0.221730170	4.509986174	1.024287200	4.619521110
0.2183	0.21657028	0.97626703	0.221835089	4.507853138	1.024309917	4.617438675
0.2184	0.21666791	0.97624537	0.221940012	4.505722025	1.024332646	4.615358162
0.2185	0.21676553	0.97622370	0.222044940	4.503592831	1.024355385	4.613279570
0.2186	0.21686315	0.97620201	0.222149873	4.501465555	1.024378136	4.611202895
0.2187	0.21696077	0.97618032	0.222254810	4.499340192	1.024400898	4.609128135
0.2188	0.21705839	0.97615862	0.222359752	4.497216741	1.024423672	4.607055287
0.2189	0.21715600	0.97613691	0.222464699	4.495095199	1.024446457	4.604984349
0.2190	0.21725362	0.97611519	0.222569650	4.492975564	1.024469252	4.602915318
0.2191	0.21735123	0.97609346	0.222674606	4.490857833	1.024492060	4.600848191
0.2192	0.21744884	0.97607172	0.222779567	4.488742002	1.024514878	4.598782966
0.2193	0.21754644	0.97604997	0.222884532	4.486628071	1.024537708	4.596719640
0.2194	0.21764405	0.97602821	0.222989503	4.484516035	1.024560549	4.594658210
0.2195	0.21774165	0.97600644	0.223094477	4.482405893	1.024583401	4.592598675
0.2196	0.21783925	0.97598466	0.223199457	4.480297642	1.024606265	4.590541031
0.2197	0.21793684	0.97596287	0.223304441	4.478191279	1.024629139	4.588485276
0.2198	0.21803444	0.97594108	0.223409430	4.476086802	1.024652025	4.586431408
0.2199	0.21813203	0.97591927	0.223514423	4.473984207	1.024674923	4.584379422

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.2200	0.21822962	0.97589745	0.223619422	4.471883494	1.024697831	4.582329318
0.2201	0.21832721	0.97587562	0.223724424	4.469784658	1.024720751	4.580281093
0.2202	0.21842480	0.97585378	0.223829432	4.467687698	1.024743682	4.578234744
0.2203	0.21852238	0.97583194	0.223934444	4.465592611	1.024766625	4.576190268
0.2204	0.21861996	0.97581008	0.224039461	4.463499394	1.024789579	4.574147662
0.2205	0.21871754	0.97578821	0.224144483	4.461408045	1.024812543	4.572106926
0.2206	0.21881512	0.97576634	0.224249510	4.459318561	1.024835520	4.570068055
0.2207	0.21891270	0.97574445	0.224354541	4.457230939	1.024858507	4.568031047
0.2208	0.21901027	0.97572255	0.224459577	4.455145178	1.024881506	4.565995900
0.2209	0.21910784	0.97570065	0.224564617	4.453061275	1.024904516	4.563962611
0.2210	0.21920541	0.97567873	0.224669662	4.450979226	1.024927538	4.561931178
0.2211	0.21930298	0.97565681	0.224774712	4.448899031	1.024950570	4.559901598
0.2212	0.21940054	0.97563487	0.224879767	4.446820685	1.024973614	4.557873869
0.2213	0.21949811	0.97561293	0.224984827	4.444744187	1.024996669	4.555847988
0.2214	0.21959567	0.97559097	0.225089891	4.442669534	1.025019736	4.553823952
0.2215	0.21969322	0.97556901	0.225194960	4.440596724	1.025042814	4.551801760
0.2216	0.21979078	0.97554703	0.225300033	4.438525753	1.025065903	4.549781408
0.2217	0.21988833	0.97552505	0.225405112	4.436456621	1.025089003	4.547762895
0.2218	0.21998588	0.97550306	0.225510195	4.434389323	1.025112115	4.545746217
0.2219	0.22008343	0.97548105	0.225615283	4.432323858	1.025135238	4.543731372
0.2220	0.22018098	0.97545904	0.225720375	4.430260223	1.025158372	4.541718358
0.2221	0.22027853	0.97543702	0.225825473	4.428198416	1.025181518	4.539707173
0.2222	0.22037607	0.97541498	0.225930575	4.426138434	1.025204674	4.537697813
0.2223	0.22047361	0.97539294	0.226035682	4.424080275	1.025227843	4.535690276
0.2224	0.22057115	0.97537089	0.226140793	4.422023936	1.025251022	4.533684560
0.2225	0.22066868	0.97534883	0.226245909	4.419969415	1.025274213	4.531680663
0.2226	0.22076622	0.97532675	0.226351031	4.417916709	1.025297415	4.529678581
0.2227	0.22086375	0.97530467	0.226456156	4.415865817	1.025320628	4.527678313
0.2228	0.22096128	0.97528258	0.226561287	4.413816734	1.025343853	4.525679857
0.2229	0.22105880	0.97526048	0.226666422	4.411769460	1.025367089	4.523683208
0.2230	0.22115633	0.97523837	0.226771563	4.409723992	1.025390336	4.521688366
0.2231	0.22125385	0.97521625	0.226876707	4.407680326	1.025413595	4.519695328
0.2232	0.22135137	0.97519412	0.226981857	4.405638462	1.025436865	4.517704091
0.2233	0.22144889	0.97517198	0.227087012	4.403598395	1.025460146	4.515714653
0.2234	0.22154641	0.97514983	0.227192171	4.401560125	1.025483438	4.513727012
0.2235	0.22164392	0.97512767	0.227297335	4.399523648	1.025506742	4.511741164
0.2236	0.22174143	0.97510550	0.227402504	4.397488963	1.025530057	4.509757108
0.2237	0.22183894	0.97508332	0.227507677	4.395456066	1.025553384	4.507774842
0.2238	0.22193645	0.97506113	0.227612856	4.393424955	1.025576722	4.505794362
0.2239	0.22203395	0.97503893	0.227718039	4.391395628	1.025600071	4.503815667
0.2240	0.22213146	0.97501673	0.227823227	4.389368083	1.025623431	4.501838754
0.2241	0.22222896	0.97499451	0.227928419	4.387342317	1.025646803	4.499863621
0.2242	0.22232646	0.97497228	0.228033617	4.385318328	1.025670186	4.497890265
0.2243	0.22242395	0.97495004	0.228138819	4.383296113	1.025693580	4.495918684
0.2244	0.22252145	0.97492780	0.228244026	4.381275670	1.025716986	4.493948876
0.2245	0.22261894	0.97490554	0.228349238	4.379256997	1.025740403	4.491980837
0.2246	0.22271643	0.97488327	0.228454455	4.377240091	1.025763832	4.490014567
0.2247	0.22281391	0.97486100	0.228559677	4.375224950	1.025787271	4.488050062
0.2248	0.22291140	0.97483871	0.228664903	4.373211571	1.025810722	4.486087321
0.2249	0.22300888	0.97481641	0.228770134	4.371199953	1.025834185	4.484126340

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.2250	0.22310636	0.97479411	0.228875370	4.369190093	1.025857658	4.482167117
0.2251	0.22320384	0.97477179	0.228980611	4.367181988	1.025881143	4.480209651
0.2252	0.22330132	0.97474947	0.229085857	4.365175636	1.025904640	4.478253938
0.2253	0.22339879	0.97472713	0.229191107	4.363171036	1.025928147	4.476299977
0.2254	0.22349626	0.97470479	0.229296362	4.361168183	1.025951666	4.474347765
0.2255	0.22359373	0.97468243	0.229401622	4.359167077	1.025975197	4.472397300
0.2256	0.22369120	0.97466007	0.229506887	4.357167715	1.025998738	4.470448579
0.2257	0.22378866	0.97463769	0.229612157	4.355170094	1.026022292	4.468501600
0.2258	0.22388613	0.97461531	0.229717432	4.353174213	1.026045856	4.466556361
0.2259	0.22398359	0.97459292	0.229822711	4.351180068	1.026069432	4.464612860
0.2260	0.22408104	0.97457051	0.229927995	4.349187659	1.026093019	4.462671094
0.2261	0.22417850	0.97454810	0.230033285	4.347196981	1.026116617	4.460731060
0.2262	0.22427595	0.97452568	0.230138578	4.345208033	1.026140227	4.458792757
0.2263	0.22437341	0.97450325	0.230243877	4.343220814	1.026163848	4.456856183
0.2264	0.22447085	0.97448080	0.230349181	4.341235319	1.026187481	4.454921335
0.2265	0.22456830	0.97445835	0.230454489	4.339251548	1.026211124	4.452988210
0.2266	0.22466575	0.97443589	0.230559803	4.337269498	1.026234780	4.451056807
0.2267	0.22476319	0.97441342	0.230665121	4.335289166	1.026258446	4.449127123
0.2268	0.22486063	0.97439094	0.230770444	4.333310551	1.026282124	4.447199155
0.2269	0.22495807	0.97436845	0.230875772	4.331333649	1.026305813	4.445272903
0.2270	0.22505550	0.97434595	0.230981105	4.329358460	1.026329514	4.443348363
0.2271	0.22515294	0.97432343	0.231086442	4.327384979	1.026353226	4.441425532
0.2272	0.22525037	0.97430091	0.231191785	4.325413207	1.026376949	4.439504410
0.2273	0.22534780	0.97427838	0.231297132	4.323443139	1.026400684	4.437584993
0.2274	0.22544522	0.97425584	0.231402485	4.321474774	1.026424430	4.435667280
0.2275	0.22554265	0.97423330	0.231507842	4.319508109	1.026448187	4.433751268
0.2276	0.22564007	0.97421074	0.231613204	4.317543143	1.026471956	4.431836954
0.2277	0.22573749	0.97418817	0.231718571	4.315579873	1.026495736	4.429924338
0.2278	0.22583491	0.97416559	0.231823943	4.313618296	1.026519527	4.428013415
0.2279	0.22593232	0.97414300	0.231929319	4.311658411	1.026543330	4.426104185
0.2280	0.22602974	0.97412040	0.232034701	4.309700216	1.026567145	4.424196645
0.2281	0.22612715	0.97409779	0.232140087	4.307743707	1.026590970	4.422290792
0.2282	0.22622456	0.97407518	0.232245479	4.305788884	1.026614807	4.420386625
0.2283	0.22632196	0.97405255	0.232350875	4.303835743	1.026638656	4.418484141
0.2284	0.22641937	0.97402991	0.232456276	4.301884283	1.026662515	4.416583338
0.2285	0.22651677	0.97400727	0.232561682	4.299934501	1.026686386	4.414684214
0.2286	0.22661417	0.97398461	0.232667093	4.297986395	1.026710269	4.412786767
0.2287	0.22671156	0.97396194	0.232772509	4.296039963	1.026734163	4.410890994
0.2288	0.22680896	0.97393927	0.232877930	4.294095202	1.026758068	4.408996893
0.2289	0.22690635	0.97391658	0.232983355	4.292152111	1.026781985	4.407104463
0.2290	0.22700374	0.97389389	0.233088786	4.290210687	1.026805913	4.405213700
0.2291	0.22710113	0.97387118	0.233194221	4.288270929	1.026829852	4.403324603
0.2292	0.22719852	0.97384847	0.233299662	4.286332833	1.026853803	4.401437170
0.2293	0.22729590	0.97382574	0.233405107	4.284396398	1.026877765	4.399551397
0.2294	0.22739328	0.97380301	0.233510557	4.282461622	1.026901738	4.397667284
0.2295	0.22749066	0.97378026	0.233616012	4.280528502	1.026925723	4.395784828
0.2296	0.22758804	0.97375751	0.233721473	4.278597036	1.026949720	4.393904027
0.2297	0.22768541	0.97373474	0.233826938	4.276667223	1.026973727	4.392024879
0.2298	0.22778279	0.97371197	0.233932408	4.274739059	1.026997747	4.390147381
0.2299	0.22788016	0.97368919	0.234037883	4.272812543	1.027021777	4.388271531

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.2300	0.22797752	0.97366640	0.234143362	4.270887673	1.027045819	4.386397328
0.2301	0.22807489	0.97364359	0.234248847	4.268964446	1.027069872	4.384524768
0.2302	0.22817225	0.97362078	0.234354337	4.267042861	1.027093937	4.382653851
0.2303	0.22826961	0.97359796	0.234459832	4.265122915	1.027118013	4.380784573
0.2304	0.22836697	0.97357513	0.234565331	4.263204605	1.027142100	4.378916933
0.2305	0.22846433	0.97355228	0.234670836	4.261287931	1.027166199	4.377050929
0.2306	0.22856168	0.97352943	0.234776345	4.259372890	1.027190310	4.375186558
0.2307	0.22865903	0.97350657	0.234881860	4.257459479	1.027214431	4.373323818
0.2308	0.22875638	0.97348370	0.234987379	4.255547697	1.027238564	4.371462707
0.2309	0.22885373	0.97346082	0.235092904	4.253637541	1.027262709	4.369603224
0.2310	0.22895108	0.97343793	0.235198433	4.251729010	1.027286865	4.367745365
0.2311	0.22904842	0.97341503	0.235303967	4.249822100	1.027311032	4.365889129
0.2312	0.22914576	0.97339212	0.235409506	4.247916811	1.027335211	4.364034514
0.2313	0.22924310	0.97336920	0.235515051	4.246013140	1.027359401	4.362181517
0.2314	0.22934043	0.97334627	0.235620600	4.244111085	1.027383603	4.360330137
0.2315	0.22943777	0.97332333	0.235726154	4.242210644	1.027407816	4.358480371
0.2316	0.22953510	0.97330038	0.235831713	4.240311814	1.027432040	4.356632218
0.2317	0.22963243	0.97327743	0.235937277	4.238414594	1.027456276	4.354785675
0.2318	0.22972975	0.97325446	0.236042847	4.236518982	1.027480523	4.352940740
0.2319	0.22982708	0.97323148	0.236148421	4.234624975	1.027504782	4.351097411
0.2320	0.22992440	0.97320849	0.236254000	4.232732571	1.027529052	4.349255686
0.2321	0.23002172	0.97318550	0.236359584	4.230841769	1.027553333	4.347415563
0.2322	0.23011904	0.97316249	0.236465173	4.228952566	1.027577626	4.345577040
0.2323	0.23021635	0.97313947	0.236570767	4.227064961	1.027601931	4.343740114
0.2324	0.23031366	0.97311645	0.236676366	4.225178950	1.027626246	4.341904785
0.2325	0.23041097	0.97309341	0.236781970	4.223294533	1.027650574	4.340071049
0.2326	0.23050828	0.97307036	0.236887579	4.221411706	1.027674912	4.338238904
0.2327	0.23060559	0.97304731	0.236993193	4.219530468	1.027699262	4.336408350
0.2328	0.23070289	0.97302424	0.237098812	4.217650818	1.027723624	4.334579382
0.2329	0.23080019	0.97300117	0.237204436	4.215772752	1.027747997	4.332752000
0.2330	0.23089749	0.97297808	0.237310066	4.213896269	1.027772381	4.330926202
0.2331	0.23099479	0.97295499	0.237415700	4.212021367	1.027796777	4.329101985
0.2332	0.23109208	0.97293188	0.237521339	4.210148044	1.027821184	4.327279347
0.2333	0.23118938	0.97290877	0.237626983	4.208276297	1.027845603	4.325458287
0.2334	0.23128667	0.97288565	0.237732632	4.206406125	1.027870033	4.323638802
0.2335	0.23138395	0.97286251	0.237838286	4.204537526	1.027894474	4.321820890
0.2336	0.23148124	0.97283937	0.237943946	4.202670497	1.027918927	4.320004550
0.2337	0.23157852	0.97281622	0.238049610	4.200805037	1.027943392	4.318189778
0.2338	0.23167580	0.97279305	0.238155279	4.198941144	1.027967868	4.316376574
0.2339	0.23177308	0.97276988	0.238260953	4.197078815	1.027992355	4.314564935
0.2340	0.23187035	0.97274670	0.238366633	4.195218049	1.028016854	4.312754860
0.2341	0.23196763	0.97272351	0.238472317	4.193358844	1.028041364	4.310946345
0.2342	0.23206490	0.97270030	0.238578007	4.191501197	1.028065886	4.309139390
0.2343	0.23216217	0.97267709	0.238683701	4.189645107	1.028090419	4.307333992
0.2344	0.23225944	0.97265387	0.238789401	4.187790571	1.028114963	4.305530149
0.2345	0.23235670	0.97263064	0.238895105	4.185937588	1.028139519	4.303727860
0.2346	0.23245396	0.97260740	0.239000815	4.184086156	1.028164087	4.301927121
0.2347	0.23255122	0.97258415	0.239106529	4.182236272	1.028188666	4.300127932
0.2348	0.23264848	0.97256089	0.239212249	4.180387935	1.028213256	4.298330291
0.2349	0.23274573	0.97253762	0.239317974	4.178541143	1.028237858	4.296534194

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.2350	0.23284299	0.97251434	0.239423704	4.176695893	1.028262471	4.294739641
0.2351	0.23294024	0.97249105	0.239529439	4.174852184	1.028287096	4.292946629
0.2352	0.23303748	0.97246775	0.239635179	4.173010014	1.028311732	4.291155157
0.2353	0.23313473	0.97244444	0.239740924	4.171169381	1.028336380	4.289365222
0.2354	0.23323197	0.97242113	0.239846674	4.169330283	1.028361039	4.287576822
0.2355	0.23332921	0.97239780	0.239952429	4.167492717	1.028385710	4.285789956
0.2356	0.23342645	0.97237446	0.240058189	4.165656683	1.028410392	4.284004622
0.2357	0.23352369	0.97235111	0.240163954	4.163822178	1.028435085	4.282220817
0.2358	0.23362092	0.97232776	0.240269725	4.161989199	1.028459791	4.280438540
0.2359	0.23371815	0.97230439	0.240375500	4.160157746	1.028484507	4.278657789
0.2360	0.23381538	0.97228101	0.240481281	4.158327816	1.028509235	4.276878561
0.2361	0.23391261	0.97225763	0.240587067	4.156499408	1.028533974	4.275100856
0.2362	0.23400983	0.97223423	0.240692857	4.154672518	1.028558725	4.273324670
0.2363	0.23410706	0.97221082	0.240798653	4.152847146	1.028583488	4.271550002
0.2364	0.23420428	0.97218741	0.240904454	4.151023290	1.028608262	4.269776850
0.2365	0.23430149	0.97216398	0.241010260	4.149200947	1.028633047	4.268005213
0.2366	0.23439871	0.97214055	0.241116071	4.147380115	1.028657844	4.266235087
0.2367	0.23449592	0.97211710	0.241221888	4.145560794	1.028682652	4.264466472
0.2368	0.23459313	0.97209365	0.241327709	4.143742980	1.028707472	4.262699366
0.2369	0.23469034	0.97207018	0.241433535	4.141926672	1.028732303	4.260933766
0.2370	0.23478755	0.97204671	0.241539367	4.140111868	1.028757146	4.259169670
0.2371	0.23488475	0.97202323	0.241645204	4.138298566	1.028782000	4.257407077
0.2372	0.23498195	0.97199973	0.241751046	4.136486764	1.028806866	4.255645985
0.2373	0.23507915	0.97197623	0.241856892	4.134676461	1.028831743	4.253886392
0.2374	0.23517635	0.97195272	0.241962744	4.132867654	1.028856632	4.252128296
0.2375	0.23527354	0.97192920	0.242068602	4.131060341	1.028881532	4.250371695
0.2376	0.23537073	0.97190566	0.242174464	4.129254521	1.028906444	4.248616587
0.2377	0.23546792	0.97188212	0.242280331	4.127450192	1.028931367	4.246862970
0.2378	0.23556511	0.97185857	0.242386204	4.125647352	1.028956302	4.245110843
0.2379	0.23566229	0.97183501	0.242492082	4.123845998	1.028981248	4.243360203
0.2380	0.23575948	0.97181144	0.242597964	4.122046130	1.029006206	4.241611050
0.2381	0.23585666	0.97178786	0.242703852	4.120247745	1.029031175	4.239863380
0.2382	0.23595383	0.97176427	0.242809745	4.118450841	1.029056156	4.238117191
0.2383	0.23605101	0.97174067	0.242915644	4.116655417	1.029081148	4.236372483
0.2384	0.23614818	0.97171706	0.243021547	4.114861470	1.029106152	4.234629254
0.2385	0.23624535	0.97169344	0.243127455	4.113068999	1.029131167	4.232887500
0.2386	0.23634252	0.97166981	0.243233369	4.111278002	1.029156194	4.231147221
0.2387	0.23643969	0.97164617	0.243339288	4.109488477	1.029181232	4.229408415
0.2388	0.23653685	0.97162252	0.243445212	4.107700422	1.029206282	4.227671080
0.2389	0.23663401	0.97159886	0.243551141	4.105913836	1.029231343	4.225935213
0.2390	0.23673117	0.97157519	0.243657075	4.104128716	1.029256416	4.224200814
0.2391	0.23682833	0.97155151	0.243763015	4.102345061	1.029281501	4.222467880
0.2392	0.23692548	0.97152783	0.243868959	4.100562868	1.029306596	4.220736409
0.2393	0.23702263	0.97150413	0.243974909	4.098782137	1.029331704	4.219006400
0.2394	0.23711978	0.97148042	0.244080864	4.097002865	1.029356823	4.217277851
0.2395	0.23721693	0.97145670	0.244186824	4.095225050	1.029381953	4.215550760
0.2396	0.23731407	0.97143298	0.244292790	4.093448690	1.029407095	4.213825125
0.2397	0.23741121	0.97140924	0.244398760	4.091673785	1.029432248	4.212100944
0.2398	0.23750835	0.97138550	0.244504736	4.089900331	1.029457413	4.210378215
0.2399	0.23760549	0.97136174	0.244610717	4.088128327	1.029482590	4.208656938

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.2400	0.23770263	0.97133797	0.244716703	4.086357772	1.029507778	4.206937109
0.2401	0.23779976	0.97131420	0.244822694	4.084588663	1.029532977	4.205218727
0.2402	0.23789689	0.97129041	0.244928690	4.082820998	1.029558188	4.203501791
0.2403	0.23799402	0.97126662	0.245034692	4.081054777	1.029583411	4.201786297
0.2404	0.23809114	0.97124282	0.245140699	4.079289996	1.029608645	4.200072246
0.2405	0.23818827	0.97121900	0.245246711	4.077526655	1.029633891	4.198359634
0.2406	0.23828539	0.97119518	0.245352728	4.075764751	1.029659148	4.196648461
0.2407	0.23838250	0.97117135	0.245458750	4.074004282	1.029684417	4.194938723
0.2408	0.23847962	0.97114750	0.245564778	4.072245248	1.029709697	4.193230420
0.2409	0.23857673	0.97112365	0.245670811	4.070487645	1.029734989	4.191523550
0.2410	0.23867385	0.97109979	0.245776849	4.068731473	1.029760292	4.189818111
0.2411	0.23877095	0.97107591	0.245882892	4.066976730	1.029785607	4.188114101
0.2412	0.23886806	0.97105203	0.245988940	4.065223413	1.029810934	4.186411518
0.2413	0.23896516	0.97102814	0.246094994	4.063471521	1.029836272	4.184710360
0.2414	0.23906227	0.97100424	0.246201053	4.061721052	1.029861621	4.183010627
0.2415	0.23915937	0.97098033	0.246307117	4.059972005	1.029886982	4.181312315
0.2416	0.23925646	0.97095641	0.246413186	4.058224377	1.029912355	4.179615424
0.2417	0.23935356	0.97093248	0.246519261	4.056478167	1.029937739	4.177919951
0.2418	0.23945065	0.97090854	0.246625341	4.054733373	1.029963135	4.176225895
0.2419	0.23954774	0.97088459	0.246731426	4.052989994	1.029988542	4.174533254
0.2420	0.23964483	0.97086063	0.246837516	4.051248027	1.030013961	4.172842026
0.2421	0.23974191	0.97083666	0.246943612	4.049507471	1.030039391	4.171152210
0.2422	0.23983899	0.97081268	0.247049712	4.047768324	1.030064833	4.169463803
0.2423	0.23993607	0.97078869	0.247155818	4.046030585	1.030090287	4.167776805
0.2424	0.24003315	0.97076469	0.247261929	4.044294251	1.030115752	4.166091212
0.2425	0.24013023	0.97074068	0.247368046	4.042559321	1.030141228	4.164407024
0.2426	0.24022730	0.97071667	0.247474168	4.040825793	1.030166716	4.162724239
0.2427	0.24032437	0.97069264	0.247580295	4.039093666	1.030192216	4.161042855
0.2428	0.24042144	0.97066860	0.247686427	4.037362937	1.030217728	4.159362870
0.2429	0.24051850	0.97064455	0.247792564	4.035633606	1.030243250	4.157684283
0.2430	0.24061557	0.97062050	0.247898707	4.033905669	1.030268785	4.156007092
0.2431	0.24071263	0.97059643	0.248004855	4.032179126	1.030294331	4.154331294
0.2432	0.24080969	0.97057235	0.248111008	4.030453975	1.030319888	4.152656890
0.2433	0.24090674	0.97054827	0.248217167	4.028730214	1.030345458	4.150983875
0.2434	0.24100380	0.97052417	0.248323331	4.027007841	1.030371038	4.149312250
0.2435	0.24110085	0.97050007	0.248429500	4.025286855	1.030396631	4.147642012
0.2436	0.24119790	0.97047595	0.248535674	4.023567253	1.030422234	4.145973160
0.2437	0.24129494	0.97045183	0.248641854	4.021849035	1.030447850	4.144305691
0.2438	0.24139199	0.97042769	0.248748039	4.020132199	1.030473477	4.142639605
0.2439	0.24148903	0.97040355	0.248854229	4.018416742	1.030499116	4.140974899
0.2440	0.24158607	0.97037940	0.248960424	4.016702664	1.030524766	4.139311572
0.2441	0.24168310	0.97035523	0.249066625	4.014989962	1.030550428	4.137649622
0.2442	0.24178014	0.97033106	0.249172831	4.013278634	1.030576101	4.135989047
0.2443	0.24187717	0.97030688	0.249279043	4.011568680	1.030601786	4.134329846
0.2444	0.24197420	0.97028268	0.249385259	4.009860097	1.030627482	4.132672017
0.2445	0.24207123	0.97025848	0.249491481	4.008152884	1.030653191	4.131015558
0.2446	0.24216825	0.97023427	0.249597708	4.006447038	1.030678910	4.129360468
0.2447	0.24226527	0.97021005	0.249703941	4.004742560	1.030704642	4.127706744
0.2448	0.24236229	0.97018582	0.249810179	4.003039445	1.030730384	4.126054387
0.2449	0.24245931	0.97016158	0.249916422	4.001337694	1.030756139	4.124403392

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.2450	0.24255632	0.97013732	0.250022671	3.999637304	1.030781905	4.122753760
0.2451	0.24265334	0.97011306	0.250128924	3.997938274	1.030807683	4.121105488
0.2452	0.24275035	0.97008879	0.250235183	3.996240601	1.030833472	4.119458574
0.2453	0.24284736	0.97006451	0.250341448	3.994544285	1.030859273	4.117813018
0.2454	0.24294436	0.97004022	0.250447718	3.992849324	1.030885085	4.116168816
0.2455	0.24304136	0.97001593	0.250553993	3.991155716	1.030910909	4.114525969
0.2456	0.24313836	0.96999162	0.250660273	3.989463459	1.030936745	4.112884473
0.2457	0.24323536	0.96996730	0.250766559	3.987772551	1.030962592	4.111244328
0.2458	0.24333236	0.96994297	0.250872850	3.986082992	1.030988451	4.109605531
0.2459	0.24342935	0.96991863	0.250979146	3.984394779	1.031014322	4.107968081
0.2460	0.24352634	0.96989428	0.251085448	3.982707911	1.031040204	4.106331977
0.2461	0.24362333	0.96986993	0.251191755	3.981022386	1.031066098	4.104697217
0.2462	0.24372031	0.96984556	0.251298067	3.979338203	1.031092003	4.103063798
0.2463	0.24381730	0.96982118	0.251404385	3.977655359	1.031117920	4.101431720
0.2464	0.24391428	0.96979680	0.251510708	3.975973854	1.031143849	4.099800981
0.2465	0.24401126	0.96977240	0.251617037	3.974293685	1.031169789	4.098171580
0.2466	0.24410823	0.96974799	0.251723370	3.972614851	1.031195741	4.096543513
0.2467	0.24420521	0.96972358	0.251829710	3.970937351	1.031221704	4.094916781
0.2468	0.24430218	0.96969915	0.251936054	3.969261182	1.031247679	4.093291381
0.2469	0.24439915	0.96967472	0.252042404	3.967586343	1.031273666	4.091667312
0.2470	0.24449611	0.96965027	0.252148759	3.965912833	1.031299664	4.090044572
0.2471	0.24459308	0.96962582	0.252255120	3.964240650	1.031325674	4.088423160
0.2472	0.24469004	0.96960135	0.252361486	3.962569792	1.031351695	4.086803073
0.2473	0.24478700	0.96957688	0.252467857	3.960900258	1.031377728	4.085184311
0.2474	0.24488395	0.96955240	0.252574234	3.959232045	1.031403773	4.083566871
0.2475	0.24498091	0.96952790	0.252680616	3.957565153	1.031429830	4.081950752
0.2476	0.24507786	0.96950340	0.252787003	3.955899580	1.031455898	4.080335953
0.2477	0.24517481	0.96947889	0.252893396	3.954235325	1.031481977	4.078722472
0.2478	0.24527175	0.96945437	0.252999794	3.952572384	1.031508069	4.077110307
0.2479	0.24536870	0.96942983	0.253106198	3.950910758	1.031534172	4.075499457
0.2480	0.24546564	0.96940529	0.253212607	3.949250445	1.031560286	4.073889919
0.2481	0.24556258	0.96938074	0.253319021	3.947591442	1.031586413	4.072281694
0.2482	0.24565952	0.96935618	0.253425441	3.945933749	1.031612550	4.070674778
0.2483	0.24575645	0.96933161	0.253531866	3.944277363	1.031638700	4.069069171
0.2484	0.24585338	0.96930703	0.253638297	3.942622283	1.031664861	4.067464870
0.2485	0.24595031	0.96928244	0.253744733	3.940968508	1.031691034	4.065861875
0.2486	0.24604724	0.96925784	0.253851174	3.939316036	1.031717218	4.064260183
0.2487	0.24614416	0.96923323	0.253957621	3.937664866	1.031743414	4.062659793
0.2488	0.24624109	0.96920861	0.254064073	3.936014995	1.031769622	4.061060704
0.2489	0.24633801	0.96918398	0.254170530	3.934366422	1.031795841	4.059462913
0.2490	0.24643492	0.96915934	0.254276993	3.932719146	1.031822073	4.057866420
0.2491	0.24653184	0.96913469	0.254383462	3.931073166	1.031848315	4.056271223
0.2492	0.24662875	0.96911003	0.254489935	3.929428479	1.031874570	4.054677320
0.2493	0.24672566	0.96908537	0.254596415	3.927785084	1.031900836	4.053084710
0.2494	0.24682257	0.96906069	0.254702899	3.926142979	1.031927113	4.051493390
0.2495	0.24691947	0.96903600	0.254809389	3.924502163	1.031953403	4.049903361
0.2496	0.24701637	0.96901131	0.254915885	3.922862635	1.031979703	4.048314619
0.2497	0.24711327	0.96898660	0.255022386	3.921224393	1.032006016	4.046727164
0.2498	0.24721017	0.96896188	0.255128892	3.919587434	1.032032340	4.045140993
0.2499	0.24730707	0.96893716	0.255235404	3.917951759	1.032058676	4.043556106

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.2500	0.24740396	0.96891242	0.255341921	3.916317365	1.032085024	4.041972501
0.2501	0.24750085	0.96888768	0.255448444	3.914684250	1.032111383	4.040390176
0.2502	0.24759774	0.96886292	0.255554972	3.913052414	1.032137754	4.038809130
0.2503	0.24769462	0.96883816	0.255661506	3.911421854	1.032164137	4.037229362
0.2504	0.24779150	0.96881338	0.255768045	3.909792569	1.032190531	4.035650868
0.2505	0.24788838	0.96878860	0.255874589	3.908164558	1.032216937	4.034073649
0.2506	0.24798526	0.96876380	0.255981139	3.906537818	1.032243355	4.032497703
0.2507	0.24808214	0.96873900	0.256087694	3.904912350	1.032269784	4.030923028
0.2508	0.24817901	0.96871419	0.256194255	3.903288150	1.032296225	4.029349622
0.2509	0.24827588	0.96868937	0.256300821	3.901665217	1.032322678	4.027777485
0.2510	0.24837275	0.96866453	0.256407393	3.900043551	1.032349142	4.026206614
0.2511	0.24846961	0.96863969	0.256513970	3.898423149	1.032375618	4.024637008
0.2512	0.24856648	0.96861484	0.256620553	3.896804010	1.032402106	4.023068666
0.2513	0.24866334	0.96858998	0.256727141	3.895186132	1.032428605	4.021501586
0.2514	0.24876019	0.96856511	0.256833735	3.893569514	1.032455116	4.019935766
0.2515	0.24885705	0.96854023	0.256940334	3.891954155	1.032481639	4.018371205
0.2516	0.24895390	0.96851534	0.257046938	3.890340052	1.032508174	4.016807902
0.2517	0.24905075	0.96849044	0.257153549	3.888727205	1.032534720	4.015245855
0.2518	0.24914760	0.96846553	0.257260164	3.887115612	1.032561278	4.013685063
0.2519	0.24924445	0.96844061	0.257366785	3.885505271	1.032587847	4.012125523
0.2520	0.24934129	0.96841568	0.257473412	3.883896181	1.032614428	4.010567235
0.2521	0.24943813	0.96839074	0.257580044	3.882288341	1.032641021	4.009010197
0.2522	0.24953497	0.96836579	0.257686681	3.880681748	1.032667626	4.007454408
0.2523	0.24963180	0.96834083	0.257793324	3.879076402	1.032694242	4.005899866
0.2524	0.24972863	0.96831586	0.257899973	3.877472301	1.032720870	4.004346569
0.2525	0.24982546	0.96829088	0.258006627	3.875869443	1.032747510	4.002794517
0.2526	0.24992229	0.96826590	0.258113286	3.874267828	1.032774161	4.001243707
0.2527	0.25001912	0.96824090	0.258219951	3.872667453	1.032800825	3.999694138
0.2528	0.25011594	0.96821589	0.258326622	3.871068317	1.032827499	3.998145809
0.2529	0.25021276	0.96819088	0.258433298	3.869470418	1.032854186	3.996598719
0.2530	0.25030958	0.96816585	0.258539979	3.867873756	1.032880884	3.995052865
0.2531	0.25040639	0.96814082	0.258646666	3.866278328	1.032907594	3.993508246
0.2532	0.25050321	0.96811577	0.258753359	3.864684134	1.032934316	3.991964861
0.2533	0.25060002	0.96809071	0.258860057	3.863091171	1.032961049	3.990422709
0.2534	0.25069683	0.96806565	0.258966760	3.861499439	1.032987794	3.988881787
0.2535	0.25079363	0.96804058	0.259073470	3.859908935	1.033014551	3.987342095
0.2536	0.25089043	0.96801549	0.259180184	3.858319659	1.033041320	3.985803631
0.2537	0.25098723	0.96799040	0.259286904	3.856731608	1.033068100	3.984266394
0.2538	0.25108403	0.96796529	0.259393630	3.855144782	1.033094892	3.982730382
0.2539	0.25118083	0.96794018	0.259500361	3.853559180	1.033121695	3.981195593
0.2540	0.25127762	0.96791506	0.259607098	3.851974798	1.033148511	3.979662027
0.2541	0.25137441	0.96788992	0.259713841	3.850391637	1.033175338	3.978129681
0.2542	0.25147120	0.96786478	0.259820589	3.848809695	1.033202177	3.976598555
0.2543	0.25156798	0.96783963	0.259927342	3.847228969	1.033229027	3.975068646
0.2544	0.25166477	0.96781447	0.260034101	3.845649460	1.033255890	3.973539954
0.2545	0.25176155	0.96778930	0.260140866	3.844071165	1.033282764	3.972012478
0.2546	0.25185832	0.96776412	0.260247636	3.842494083	1.033309650	3.970486214
0.2547	0.25195510	0.96773893	0.260354411	3.840918212	1.033336547	3.968961163
0.2548	0.25205187	0.96771373	0.260461193	3.839343552	1.033363456	3.967437323
0.2549	0.25214864	0.96768852	0.260567979	3.837770100	1.033390377	3.965914692

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.2550	0.25224541	0.96766330	0.260674772	3.836197856	1.033417310	3.964393268
0.2551	0.25234217	0.96763807	0.260781570	3.834626817	1.033444254	3.962873052
0.2552	0.25243894	0.96761283	0.260888373	3.833056983	1.033471211	3.961354040
0.2553	0.25253570	0.96758758	0.260995182	3.831488351	1.033498179	3.959836232
0.2554	0.25263245	0.96756232	0.261101997	3.829920921	1.033525158	3.958319626
0.2555	0.25272921	0.96753705	0.261208817	3.828354692	1.033552150	3.956804221
0.2556	0.25282596	0.96751177	0.261315643	3.826789661	1.033579153	3.955290016
0.2557	0.25292271	0.96748649	0.261422474	3.825225828	1.033606168	3.953777008
0.2558	0.25301946	0.96746119	0.261529311	3.823663190	1.033633194	3.952265197
0.2559	0.25311620	0.96743588	0.261636154	3.822101747	1.033660233	3.950754582
0.2560	0.25321295	0.96741057	0.261743002	3.820541497	1.033687283	3.949245160
0.2561	0.25330969	0.96738524	0.261849856	3.818982439	1.033714345	3.947736930
0.2562	0.25340642	0.96735990	0.261956715	3.817424571	1.033741419	3.946229892
0.2563	0.25350316	0.96733456	0.262063580	3.815867893	1.033768504	3.944724043
0.2564	0.25359989	0.96730920	0.262170450	3.814312401	1.033795601	3.943219382
0.2565	0.25369662	0.96728384	0.262277326	3.812758096	1.033822710	3.941715908
0.2566	0.25379335	0.96725846	0.262384208	3.811204976	1.033849831	3.940213620
0.2567	0.25389007	0.96723308	0.262491096	3.809653039	1.033876963	3.938712515
0.2568	0.25398679	0.96720769	0.262597989	3.808102284	1.033904108	3.937212594
0.2569	0.25408351	0.96718228	0.262704887	3.806552710	1.033931264	3.935713853
0.2570	0.25418023	0.96715687	0.262811791	3.805004315	1.033958431	3.934216293
0.2571	0.25427694	0.96713145	0.262918701	3.803457098	1.033985611	3.932719911
0.2572	0.25437366	0.96710601	0.263025617	3.801911058	1.034012802	3.931224706
0.2573	0.25447037	0.96708057	0.263132538	3.800366192	1.034040005	3.929730677
0.2574	0.25456707	0.96705512	0.263239464	3.798822500	1.034067220	3.928237823
0.2575	0.25466378	0.96702966	0.263346397	3.797279981	1.034094447	3.926746141
0.2576	0.25476048	0.96700419	0.263453335	3.795738633	1.034121685	3.925255631
0.2577	0.25485718	0.96697871	0.263560278	3.794198454	1.034148935	3.923766292
0.2578	0.25495387	0.96695322	0.263667227	3.792659444	1.034176197	3.922278121
0.2579	0.25505057	0.96692772	0.263774182	3.791121601	1.034203471	3.920791118
0.2580	0.25514726	0.96690221	0.263881143	3.789584923	1.034230756	3.919305281
0.2581	0.25524395	0.96687669	0.263988109	3.788049410	1.034258054	3.917820610
0.2582	0.25534063	0.96685116	0.264095081	3.786515059	1.034285363	3.916337101
0.2583	0.25543732	0.96682562	0.264202058	3.784981870	1.034312684	3.914854755
0.2584	0.25553400	0.96680007	0.264309041	3.783449841	1.034340016	3.913373570
0.2585	0.25563068	0.96677451	0.264416030	3.781918971	1.034367361	3.911893544
0.2586	0.25572735	0.96674894	0.264523024	3.780389258	1.034394717	3.910414677
0.2587	0.25582403	0.96672337	0.264630024	3.778860702	1.034422085	3.908936966
0.2588	0.25592070	0.96669778	0.264737030	3.777333300	1.034449465	3.907460411
0.2589	0.25601737	0.96667218	0.264844042	3.775807052	1.034476856	3.905985009
0.2590	0.25611403	0.96664658	0.264951059	3.774281956	1.034504260	3.904510761
0.2591	0.25621070	0.96662096	0.265058081	3.772758011	1.034531675	3.903037664
0.2592	0.25630736	0.96659533	0.265165110	3.771235215	1.034559102	3.901565717
0.2593	0.25640402	0.96656970	0.265272144	3.769713567	1.034586541	3.900094919
0.2594	0.25650067	0.96654405	0.265379184	3.768193066	1.034613991	3.898625269
0.2595	0.25659732	0.96651840	0.265486229	3.766673711	1.034641454	3.897156764
0.2596	0.25669398	0.96649273	0.265593280	3.765155500	1.034668928	3.895689405
0.2597	0.25679062	0.96646706	0.265700337	3.763638431	1.034696414	3.894223189
0.2598	0.25688727	0.96644137	0.265807400	3.762122505	1.034723912	3.892758115
0.2599	0.25698391	0.96641568	0.265914468	3.760607718	1.034751421	3.891294182

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.2600	0.25708055	0.96638998	0.266021542	3.759094070	1.034778943	3.889831388
0.2601	0.25717719	0.96636427	0.266128621	3.757581560	1.034806476	3.888369733
0.2602	0.25727382	0.96633854	0.266235707	3.756070186	1.034834021	3.886909214
0.2603	0.25737046	0.96631281	0.266342798	3.754559947	1.034861578	3.885449832
0.2604	0.25746709	0.96628707	0.266449894	3.753050841	1.034889147	3.883991583
0.2605	0.25756371	0.96626132	0.266556997	3.751542868	1.034916727	3.882534467
0.2606	0.25766034	0.96623556	0.266664105	3.750036026	1.034944320	3.881078484
0.2607	0.25775696	0.96620978	0.266771219	3.748530314	1.034971924	3.879623630
0.2608	0.25785358	0.96618400	0.266878338	3.747025730	1.034999540	3.878169906
0.2609	0.25795020	0.96615821	0.266985463	3.745522273	1.035027168	3.876717309
0.2610	0.25804681	0.96613241	0.267092594	3.744019942	1.035054807	3.875265839
0.2611	0.25814343	0.96610660	0.267199731	3.742518735	1.035082459	3.873815494
0.2612	0.25824003	0.96608079	0.267306874	3.741018652	1.035110122	3.872366273
0.2613	0.25833664	0.96605496	0.267414022	3.739519691	1.035137797	3.870918175
0.2614	0.25843325	0.96602912	0.267521176	3.738021850	1.035165484	3.869471198
0.2615	0.25852985	0.96600327	0.267628335	3.736525129	1.035193183	3.868025341
0.2616	0.25862645	0.96597741	0.267735501	3.735029526	1.035220893	3.866580603
0.2617	0.25872304	0.96595154	0.267842672	3.733535039	1.035248616	3.865136982
0.2618	0.25881964	0.96592567	0.267949849	3.732041669	1.035276350	3.863694478
0.2619	0.25891623	0.96589978	0.268057031	3.730549412	1.035304096	3.862253088
0.2620	0.25901282	0.96587388	0.268164220	3.729058268	1.035331854	3.860812812
0.2621	0.25910940	0.96584798	0.268271414	3.727568236	1.035359624	3.859373648
0.2622	0.25920599	0.96582206	0.268378613	3.726079315	1.035387406	3.857935596
0.2623	0.25930257	0.96579614	0.268485819	3.724591503	1.035415199	3.856498653
0.2624	0.25939915	0.96577020	0.268593030	3.723104798	1.035443005	3.855062819
0.2625	0.25949572	0.96574426	0.268700247	3.721619200	1.035470822	3.853628092
0.2626	0.25959229	0.96571830	0.268807470	3.720134708	1.035498651	3.852194471
0.2627	0.25968886	0.96569234	0.268914699	3.718651319	1.035526492	3.850761955
0.2628	0.25978543	0.96566637	0.269021933	3.717169034	1.035554345	3.849330543
0.2629	0.25988200	0.96564038	0.269129173	3.715687850	1.035582209	3.847900232
0.2630	0.25997856	0.96561439	0.269236419	3.714207766	1.035610086	3.846471023
0.2631	0.26007512	0.96558839	0.269343671	3.712728782	1.035637974	3.845042913
0.2632	0.26017168	0.96556237	0.269450929	3.711250895	1.035665874	3.843615902
0.2633	0.26026823	0.96553635	0.269558192	3.709774105	1.035693786	3.842189988
0.2634	0.26036479	0.96551032	0.269665461	3.708298410	1.035721710	3.840765170
0.2635	0.26046134	0.96548428	0.269772736	3.706823809	1.035749646	3.839341447
0.2636	0.26055788	0.96545823	0.269880016	3.705350301	1.035777594	3.837918818
0.2637	0.26065443	0.96543217	0.269987303	3.703877884	1.035805553	3.836497280
0.2638	0.26075097	0.96540610	0.270094595	3.702406558	1.035833524	3.835076834
0.2639	0.26084751	0.96538002	0.270201893	3.700936321	1.035861508	3.833657477
0.2640	0.26094404	0.96535393	0.270309197	3.699467172	1.035889503	3.832239209
0.2641	0.26104058	0.96532783	0.270416506	3.697999109	1.035917510	3.830822028
0.2642	0.26113711	0.96530172	0.270523822	3.696532132	1.035945529	3.829405933
0.2643	0.26123364	0.96527560	0.270631143	3.695066239	1.035973559	3.827990923
0.2644	0.26133017	0.96524947	0.270738470	3.693601428	1.036001602	3.826576997
0.2645	0.26142669	0.96522333	0.270845803	3.692137700	1.036029656	3.825164153
0.2646	0.26152321	0.96519719	0.270953142	3.690675052	1.036057723	3.823752390
0.2647	0.26161973	0.96517103	0.271060486	3.689213483	1.036085801	3.822341707
0.2648	0.26171624	0.96514486	0.271167836	3.687752992	1.036113891	3.820932102
0.2649	0.26181276	0.96511869	0.271275192	3.686293578	1.036141993	3.819523576

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.2650	0.26190927	0.96509250	0.271382554	3.684835240	1.036170107	3.818116125
0.2651	0.26200578	0.96506631	0.271489922	3.683377976	1.036198233	3.816709749
0.2652	0.26210228	0.96504010	0.271597296	3.681921785	1.036226371	3.815304448
0.2653	0.26219878	0.96501388	0.271704675	3.680466666	1.036254520	3.813900218
0.2654	0.26229528	0.96498766	0.271812060	3.679012617	1.036282682	3.812497061
0.2655	0.26239178	0.96496143	0.271919452	3.677559638	1.036310855	3.811094973
0.2656	0.26248828	0.96493518	0.272026849	3.676107728	1.036339040	3.809693954
0.2657	0.26258477	0.96490893	0.272134251	3.674656884	1.036367237	3.808294004
0.2658	0.26268126	0.96488266	0.272241660	3.673207107	1.036395446	3.806895119
0.2659	0.26277775	0.96485639	0.272349074	3.671758394	1.036423667	3.805497300
0.2660	0.26287423	0.96483011	0.272456495	3.670310744	1.036451900	3.804100546
0.2661	0.26297071	0.96480382	0.272563921	3.668864157	1.036480145	3.802704854
0.2662	0.26306719	0.96477751	0.272671353	3.667418631	1.036508402	3.801310224
0.2663	0.26316367	0.96475120	0.272778791	3.665974165	1.036536670	3.799916654
0.2664	0.26326014	0.96472488	0.272886235	3.664530758	1.036564951	3.798524144
0.2665	0.26335661	0.96469855	0.272993684	3.663088408	1.036593243	3.797132692
0.2666	0.26345308	0.96467221	0.273101140	3.661647114	1.036621547	3.795742297
0.2667	0.26354955	0.96464586	0.273208601	3.660206875	1.036649864	3.794352958
0.2668	0.26364601	0.96461950	0.273316068	3.658767691	1.036678192	3.792964673
0.2669	0.26374247	0.96459313	0.273423541	3.657329559	1.036706532	3.791577442
0.2670	0.26383893	0.96456675	0.273531020	3.655892478	1.036734884	3.790191263
0.2671	0.26393538	0.96454036	0.273638505	3.654456448	1.036763248	3.788806135
0.2672	0.26403184	0.96451397	0.273745996	3.653021467	1.036791623	3.787422058
0.2673	0.26412829	0.96448756	0.273853493	3.651587535	1.036820011	3.786039028
0.2674	0.26422473	0.96446114	0.273960995	3.650154649	1.036848411	3.784657047
0.2675	0.26432118	0.96443471	0.274068504	3.648722809	1.036876822	3.783276111
0.2676	0.26441762	0.96440828	0.274176018	3.647292013	1.036905246	3.781896221
0.2677	0.26451406	0.96438183	0.274283538	3.645862260	1.036933681	3.780517375
0.2678	0.26461050	0.96435537	0.274391064	3.644433550	1.036962129	3.779139571
0.2679	0.26470693	0.96432891	0.274498596	3.643005881	1.036990588	3.777762810
0.2680	0.26480336	0.96430243	0.274606134	3.641579251	1.037019059	3.776387089
0.2681	0.26489979	0.96427595	0.274713678	3.640153660	1.037047542	3.775012407
0.2682	0.26499622	0.96424945	0.274821228	3.638729107	1.037076037	3.773638763
0.2683	0.26509264	0.96422295	0.274928783	3.637305590	1.037104544	3.772266157
0.2684	0.26518906	0.96419643	0.275036345	3.635883108	1.037133063	3.770894586
0.2685	0.26528548	0.96416991	0.275143912	3.634461661	1.037161594	3.769524050
0.2686	0.26538190	0.96414338	0.275251486	3.633041246	1.037190137	3.768154547
0.2687	0.26547831	0.96411683	0.275359065	3.631621862	1.037218692	3.766786077
0.2688	0.26557472	0.96409028	0.275466650	3.630203510	1.037247259	3.765418638
0.2689	0.26567113	0.96406372	0.275574241	3.628786187	1.037275837	3.764052230
0.2690	0.26576753	0.96403715	0.275681838	3.627369892	1.037304428	3.762686850
0.2691	0.26586393	0.96401056	0.275789441	3.625954624	1.037333030	3.761322498
0.2692	0.26596033	0.96398397	0.275897050	3.624540382	1.037361645	3.759959173
0.2693	0.26605673	0.96395737	0.276004665	3.623127165	1.037390271	3.758596873
0.2694	0.26615313	0.96393076	0.276112286	3.621714971	1.037418910	3.757235597
0.2695	0.26624952	0.96390414	0.276219913	3.620303801	1.037447560	3.755875345
0.2696	0.26634591	0.96387751	0.276327545	3.618893651	1.037476223	3.754516115
0.2697	0.26644229	0.96385087	0.276435184	3.617484522	1.037504897	3.753157906
0.2698	0.26653868	0.96382422	0.276542829	3.616076412	1.037533583	3.751800716
0.2699	0.26663506	0.96379756	0.276650479	3.614669320	1.037562281	3.750444546

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.2700	0.26673144	0.96377090	0.276758136	3.613263245	1.037590992	3.749089393
0.2701	0.26682781	0.96374422	0.276865798	3.611858185	1.037619714	3.747735256
0.2702	0.26692419	0.96371753	0.276973467	3.610454140	1.037648448	3.746382135
0.2703	0.26702056	0.96369083	0.277081141	3.609051109	1.037677194	3.745030028
0.2704	0.26711692	0.96366413	0.277188822	3.607649090	1.037705952	3.743678933
0.2705	0.26721329	0.96363741	0.277296508	3.606248082	1.037734722	3.742328851
0.2706	0.26730965	0.96361068	0.277404200	3.604848085	1.037763504	3.740979780
0.2707	0.26740601	0.96358395	0.277511899	3.603449096	1.037792298	3.739631718
0.2708	0.26750237	0.96355720	0.277619603	3.602051115	1.037821104	3.738284665
0.2709	0.26759872	0.96353045	0.277727313	3.600654141	1.037849922	3.736938619
0.2710	0.26769507	0.96350368	0.277835029	3.599258173	1.037878752	3.735593580
0.2711	0.26779142	0.96347691	0.277942752	3.597863209	1.037907594	3.734249546
0.2712	0.26788777	0.96345012	0.278050480	3.596469248	1.037936448	3.732906516
0.2713	0.26798411	0.96342333	0.278158214	3.595076290	1.037965313	3.731564489
0.2714	0.26808045	0.96339653	0.278265954	3.593684333	1.037994191	3.730223463
0.2715	0.26817679	0.96336972	0.278373700	3.592293376	1.038023081	3.728883439
0.2716	0.26827313	0.96334289	0.278481453	3.590903419	1.038051983	3.727544414
0.2717	0.26836946	0.96331606	0.278589211	3.589514459	1.038080897	3.726206388
0.2718	0.26846579	0.96328922	0.278696975	3.588126495	1.038109823	3.724869360
0.2719	0.26856212	0.96326237	0.278804745	3.586739528	1.038138760	3.723533327
0.2720	0.26865844	0.96323551	0.278912521	3.585353555	1.038167710	3.722198291
0.2721	0.26875477	0.96320864	0.279020304	3.583968575	1.038196672	3.720864248
0.2722	0.26885109	0.96318176	0.279128092	3.582584588	1.038225646	3.719531198
0.2723	0.26894740	0.96315487	0.279235886	3.581201593	1.038254632	3.718199140
0.2724	0.26904372	0.96312797	0.279343686	3.579819587	1.038283629	3.716868074
0.2725	0.26914003	0.96310106	0.279451493	3.578438571	1.038312639	3.715537997
0.2726	0.26923634	0.96307414	0.279559305	3.577058542	1.038341661	3.714208908
0.2727	0.26933264	0.96304721	0.279667123	3.575679501	1.038370695	3.712880808
0.2728	0.26942895	0.96302027	0.279774948	3.574301445	1.038399741	3.711553694
0.2729	0.26952525	0.96299332	0.279882778	3.572924374	1.038428798	3.710227565
0.2730	0.26962154	0.96296637	0.279990615	3.571548287	1.038457868	3.708902421
0.2731	0.26971784	0.96293940	0.280098457	3.570173182	1.038486950	3.707578260
0.2732	0.26981413	0.96291242	0.280206306	3.568799059	1.038516044	3.706255081
0.2733	0.26991042	0.96288544	0.280314160	3.567425917	1.038545150	3.704932883
0.2734	0.27000671	0.96285844	0.280422021	3.566053753	1.038574268	3.703611666
0.2735	0.27010299	0.96283144	0.280529888	3.564682568	1.038603398	3.702291427
0.2736	0.27019928	0.96280442	0.280637760	3.563312361	1.038632540	3.700972167
0.2737	0.27029556	0.96277740	0.280745639	3.561943129	1.038661694	3.699653883
0.2738	0.27039183	0.96275036	0.280853524	3.560574873	1.038690860	3.698336575
0.2739	0.27048811	0.96272332	0.280961415	3.559207590	1.038720038	3.697020242
0.2740	0.27058438	0.96269626	0.281069312	3.557841280	1.038749228	3.695704882
0.2741	0.27068064	0.96266920	0.281177215	3.556475943	1.038778430	3.694390495
0.2742	0.27077691	0.96264213	0.281285124	3.555111576	1.038807644	3.693077080
0.2743	0.27087317	0.96261504	0.281393039	3.553748179	1.038836870	3.691764635
0.2744	0.27096943	0.96258795	0.281500960	3.552385750	1.038866108	3.690453159
0.2745	0.27106569	0.96256085	0.281608888	3.551024290	1.038895358	3.689142652
0.2746	0.27116195	0.96253374	0.281716821	3.549663795	1.038924621	3.687833112
0.2747	0.27125820	0.96250662	0.281824760	3.548304267	1.038953895	3.686524538
0.2748	0.27135445	0.96247949	0.281932706	3.546945702	1.038983181	3.685216929
0.2749	0.27145069	0.96245235	0.282040658	3.545588101	1.039012480	3.683910285

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.2750	0.27154694	0.96242520	0.282148615	3.544231463	1.039041790	3.682604603
0.2751	0.27164318	0.96239804	0.282256579	3.542875786	1.039071112	3.681299884
0.2752	0.27173942	0.96237087	0.282364549	3.541521069	1.039100447	3.679996125
0.2753	0.27183565	0.96234369	0.282472525	3.540167311	1.039129793	3.678693327
0.2754	0.27193189	0.96231650	0.282580507	3.538814512	1.039159152	3.677391487
0.2755	0.27202812	0.96228930	0.282688496	3.537462669	1.039188523	3.676090605
0.2756	0.27212434	0.96226210	0.282796490	3.536111783	1.039217905	3.674790680
0.2757	0.27222057	0.96223488	0.282904490	3.534761851	1.039247300	3.673491710
0.2758	0.27231679	0.96220765	0.283012497	3.533412874	1.039276707	3.672193696
0.2759	0.27241301	0.96218042	0.283120510	3.532064850	1.039306126	3.670896635
0.2760	0.27250923	0.96215317	0.283228528	3.530717777	1.039335557	3.669600526
0.2761	0.27260544	0.96212591	0.283336553	3.529371656	1.039365000	3.668305370
0.2762	0.27270165	0.96209865	0.283444584	3.528026484	1.039394455	3.667011164
0.2763	0.27279786	0.96207137	0.283552621	3.526682261	1.039423922	3.665717907
0.2764	0.27289407	0.96204409	0.283660665	3.525338986	1.039453401	3.664425599
0.2765	0.27299027	0.96201679	0.283768714	3.523996658	1.039482892	3.663134238
0.2766	0.27308647	0.96198949	0.283876770	3.522655275	1.039512395	3.661843824
0.2767	0.27318267	0.96196218	0.283984831	3.521314838	1.039541911	3.660554355
0.2768	0.27327886	0.96193485	0.284092899	3.519975344	1.039571438	3.659265831
0.2769	0.27337505	0.96190752	0.284200973	3.518636792	1.039600978	3.657978250
0.2770	0.27347124	0.96188018	0.284309053	3.517299182	1.039630529	3.656691611
0.2771	0.27356743	0.96185283	0.284417139	3.515962513	1.039660093	3.655405914
0.2772	0.27366361	0.96182547	0.284525232	3.514626783	1.039689669	3.654121157
0.2773	0.27375979	0.96179809	0.284633330	3.513291992	1.039719257	3.652837339
0.2774	0.27385597	0.96177071	0.284741435	3.511958139	1.039748857	3.651554459
0.2775	0.27395215	0.96174332	0.284849546	3.510625222	1.039778469	3.650272517
0.2776	0.27404832	0.96171592	0.284957663	3.509293241	1.039808093	3.648991511
0.2777	0.27414449	0.96168851	0.285065786	3.507962194	1.039837729	3.647711441
0.2778	0.27424066	0.96166109	0.285173915	3.506632081	1.039867377	3.646432304
0.2779	0.27433682	0.96163367	0.285282051	3.505302900	1.039897037	3.645154101
0.2780	0.27443299	0.96160623	0.285390192	3.503974651	1.039926710	3.643876830
0.2781	0.27452915	0.96157878	0.285498340	3.502647332	1.039956394	3.642600490
0.2782	0.27462530	0.96155132	0.285606494	3.501320943	1.039986091	3.641325081
0.2783	0.27472146	0.96152385	0.285714655	3.499995482	1.040015800	3.640050600
0.2784	0.27481761	0.96149638	0.285822821	3.498670949	1.040045521	3.638777048
0.2785	0.27491376	0.96146889	0.285930993	3.497347342	1.040075254	3.637504423
0.2786	0.27500990	0.96144139	0.286039172	3.496024661	1.040104999	3.636232725
0.2787	0.27510604	0.96141389	0.286147357	3.494702904	1.040134756	3.634961951
0.2788	0.27520218	0.96138637	0.286255548	3.493382071	1.040164525	3.633692102
0.2789	0.27529832	0.96135885	0.286363746	3.492062160	1.040194306	3.632423176
0.2790	0.27539446	0.96133131	0.286471949	3.490743171	1.040224100	3.631155172
0.2791	0.27549059	0.96130377	0.286580159	3.489425102	1.040253905	3.629888089
0.2792	0.27558672	0.96127622	0.286688375	3.488107953	1.040283723	3.628621927
0.2793	0.27568284	0.96124865	0.286796597	3.486791722	1.040313553	3.627356684
0.2794	0.27577897	0.96122108	0.286904825	3.485476409	1.040343395	3.626092359
0.2795	0.27587509	0.96119350	0.287013060	3.484162013	1.040373249	3.624828952
0.2796	0.27597120	0.96116590	0.287121301	3.482848532	1.040403115	3.623566461
0.2797	0.27606732	0.96113830	0.287229548	3.481535966	1.040432993	3.622304885
0.2798	0.27616343	0.96111069	0.287337801	3.480224313	1.040462883	3.621044223
0.2799	0.27625954	0.96108307	0.287446060	3.478913573	1.040492786	3.619784475

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.2800	0.27635565	0.96105544	0.287554326	3.477603745	1.040522700	3.618525640
0.2801	0.27645175	0.96102780	0.287662598	3.476294827	1.040552627	3.617267715
0.2802	0.27654785	0.96100015	0.287770876	3.474986819	1.040582566	3.616010702
0.2803	0.27664395	0.96097249	0.287879160	3.473679720	1.040612517	3.614754597
0.2804	0.27674005	0.96094482	0.287987451	3.472373529	1.040642480	3.613499401
0.2805	0.27683614	0.96091714	0.288095747	3.471068244	1.040672456	3.612245113
0.2806	0.27693223	0.96088945	0.288204050	3.469763865	1.040702443	3.610991731
0.2807	0.27702832	0.96086175	0.288312360	3.468460392	1.040732442	3.609739255
0.2808	0.27712440	0.96083405	0.288420675	3.467157822	1.040762454	3.608487683
0.2809	0.27722049	0.96080633	0.288528997	3.465856155	1.040792478	3.607237015
0.2810	0.27731657	0.96077860	0.288637325	3.464555390	1.040822514	3.605987250
0.2811	0.27741264	0.96075087	0.288745659	3.463255525	1.040852562	3.604738386
0.2812	0.27750872	0.96072312	0.288854000	3.461956561	1.040882622	3.603490424
0.2813	0.27760479	0.96069536	0.288962347	3.460658497	1.040912695	3.602243361
0.2814	0.27770085	0.96066760	0.289070700	3.459361330	1.040942779	3.600997197
0.2815	0.27779692	0.96063982	0.289179059	3.458065060	1.040972876	3.599751930
0.2816	0.27789298	0.96061204	0.289287425	3.456769687	1.041002985	3.598507561
0.2817	0.27798904	0.96058425	0.289395796	3.455475208	1.041033106	3.597264088
0.2818	0.27808510	0.96055644	0.289504175	3.454181624	1.041063239	3.596021509
0.2819	0.27818115	0.96052863	0.289612559	3.452888934	1.041093384	3.594779825
0.2820	0.27827721	0.96050081	0.289720950	3.451597136	1.041123542	3.593539034
0.2821	0.27837325	0.96047297	0.289829347	3.450306229	1.041153711	3.592299135
0.2822	0.27846930	0.96044513	0.289937750	3.449016213	1.041183893	3.591060127
0.2823	0.27856534	0.96041728	0.290046159	3.447727086	1.041214087	3.589822010
0.2824	0.27866138	0.96038942	0.290154575	3.446438848	1.041244293	3.588584781
0.2825	0.27875742	0.96036155	0.290262997	3.445151498	1.041274511	3.587348442
0.2826	0.27885346	0.96033367	0.290371426	3.443865034	1.041304742	3.586112989
0.2827	0.27894949	0.96030578	0.290479860	3.442579456	1.041334984	3.584878424
0.2828	0.27904552	0.96027788	0.290588301	3.441294763	1.041365239	3.583644743
0.2829	0.27914154	0.96024997	0.290696749	3.440010954	1.041395506	3.582411948
0.2830	0.27923757	0.96022205	0.290805202	3.438728028	1.041425785	3.581180036
0.2831	0.27933359	0.96019412	0.290913662	3.437445983	1.041456076	3.579949007
0.2832	0.27942961	0.96016618	0.291022129	3.436164820	1.041486380	3.578718859
0.2833	0.27952562	0.96013823	0.291130601	3.434884537	1.041516695	3.577489593
0.2834	0.27962163	0.96011028	0.291239080	3.433605134	1.041547023	3.576261206
0.2835	0.27971764	0.96008231	0.291347565	3.432326608	1.041577363	3.575033699
0.2836	0.27981365	0.96005433	0.291456057	3.431048960	1.041607715	3.573807069
0.2837	0.27990965	0.96002635	0.291564554	3.429772189	1.041638080	3.572581317
0.2838	0.28000566	0.95999835	0.291673059	3.428496292	1.041668456	3.571356441
0.2839	0.28010165	0.95997035	0.291781569	3.427221271	1.041698845	3.570132440
0.2840	0.28019765	0.95994233	0.291890086	3.425947123	1.041729246	3.568909314
0.2841	0.28029364	0.95991431	0.291998609	3.424673848	1.041759659	3.567687061
0.2842	0.28038963	0.95988627	0.292107139	3.423401445	1.041790085	3.566465681
0.2843	0.28048562	0.95985823	0.292215674	3.422129912	1.041820522	3.565245172
0.2844	0.28058160	0.95983017	0.292324217	3.420859250	1.041850972	3.564025534
0.2845	0.28067759	0.95980211	0.292432765	3.419589456	1.041881434	3.562806766
0.2846	0.28077356	0.95977404	0.292541320	3.418320531	1.041911908	3.561588866
0.2847	0.28086954	0.95974596	0.292649881	3.417052473	1.041942394	3.560371835
0.2848	0.28096551	0.95971786	0.292758449	3.415785281	1.041972893	3.559155670
0.2849	0.28106148	0.95968976	0.292867023	3.414518955	1.042003404	3.557940372

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.2850	0.28115745	0.95966165	0.292975603	3.413253493	1.042033926	3.556725939
0.2851	0.28125342	0.95963353	0.293084190	3.411988894	1.042064462	3.555512370
0.2852	0.28134938	0.95960540	0.293192783	3.410725159	1.042095009	3.554299665
0.2853	0.28144534	0.95957726	0.293301382	3.409462285	1.042125569	3.553087822
0.2854	0.28154129	0.95954911	0.293409988	3.408200272	1.042156140	3.551876841
0.2855	0.28163725	0.95952095	0.293518600	3.406939119	1.042186724	3.550666720
0.2856	0.28173320	0.95949279	0.293627218	3.405678825	1.042217321	3.549457460
0.2857	0.28182915	0.95946461	0.293735843	3.404419389	1.042247929	3.548249058
0.2858	0.28192509	0.95943642	0.293844475	3.403160810	1.042278550	3.547041514
0.2859	0.28202103	0.95940822	0.293953112	3.401903088	1.042309183	3.545834827
0.2860	0.28211697	0.95938002	0.294061756	3.400646221	1.042339828	3.544628996
0.2861	0.28221291	0.95935180	0.294170407	3.399390209	1.042370485	3.543424021
0.2862	0.28230884	0.95932357	0.294279063	3.398135050	1.042401155	3.542219900
0.2863	0.28240477	0.95929534	0.294387727	3.396880744	1.042431836	3.541016632
0.2864	0.28250070	0.95926709	0.294496396	3.395627290	1.042462530	3.539814217
0.2865	0.28259663	0.95923884	0.294605072	3.394374687	1.042493237	3.538612654
0.2866	0.28269255	0.95921057	0.294713755	3.393122934	1.042523955	3.537411941
0.2867	0.28278847	0.95918230	0.294822444	3.391872030	1.042554686	3.536212079
0.2868	0.28288439	0.95915401	0.294931139	3.390621974	1.042585429	3.535013065
0.2869	0.28298030	0.95912572	0.295039840	3.389372766	1.042616184	3.533814900
0.2870	0.28307621	0.95909742	0.295148548	3.388124404	1.042646952	3.532617582
0.2871	0.28317212	0.95906911	0.295257263	3.386876888	1.042677731	3.531421110
0.2872	0.28326802	0.95904078	0.295365984	3.385630217	1.042708523	3.530225484
0.2873	0.28336393	0.95901245	0.295474711	3.384384390	1.042739327	3.529030702
0.2874	0.28345983	0.95898411	0.295583445	3.383139405	1.042770144	3.527836764
0.2875	0.28355572	0.95895576	0.295692185	3.381895263	1.042800973	3.526643669
0.2876	0.28365162	0.95892740	0.295800932	3.380651962	1.042831813	3.525451416
0.2877	0.28374751	0.95889903	0.295909685	3.379409501	1.042862667	3.524260004
0.2878	0.28384340	0.95887065	0.296018444	3.378167880	1.042893532	3.523069432
0.2879	0.28393928	0.95884226	0.296127210	3.376927097	1.042924410	3.521879700
0.2880	0.28403517	0.95881386	0.296235982	3.375687152	1.042955300	3.520690806
0.2881	0.28413105	0.95878545	0.296344761	3.374448044	1.042986202	3.519502749
0.2882	0.28422692	0.95875704	0.296453547	3.373209772	1.043017116	3.518315530
0.2883	0.28432280	0.95872861	0.296562338	3.371972335	1.043048043	3.517129146
0.2884	0.28441867	0.95870017	0.296671136	3.370735732	1.043078982	3.515943597
0.2885	0.28451454	0.95867173	0.296779941	3.369499963	1.043109933	3.514758882
0.2886	0.28461040	0.95864327	0.296888752	3.368265026	1.043140897	3.513575001
0.2887	0.28470627	0.95861480	0.296997570	3.367030921	1.043171873	3.512391951
0.2888	0.28480213	0.95858633	0.297106394	3.365797646	1.043202861	3.511209734
0.2889	0.28489798	0.95855784	0.297215224	3.364565202	1.043233861	3.510028347
0.2890	0.28499384	0.95852935	0.297324061	3.363333586	1.043264874	3.508847790
0.2891	0.28508969	0.95850084	0.297432904	3.362102799	1.043295899	3.507668061
0.2892	0.28518554	0.95847233	0.297541754	3.360872839	1.043326936	3.506489161
0.2893	0.28528138	0.95844381	0.297650611	3.359643705	1.043357986	3.505311088
0.2894	0.28537723	0.95841527	0.297759473	3.358415397	1.043389047	3.504133842
0.2895	0.28547307	0.95838673	0.297868343	3.357187914	1.043420121	3.502957421
0.2896	0.28556890	0.95835818	0.297977218	3.355961255	1.043451208	3.501781824
0.2897	0.28566474	0.95832962	0.298086101	3.354735419	1.043482306	3.500607052
0.2898	0.28576057	0.95830105	0.298194990	3.353510405	1.043513417	3.499433102
0.2899	0.28585640	0.95827247	0.298303885	3.352286212	1.043544540	3.498259974

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.2900	0.28595223	0.95824388	0.298412787	3.351062840	1.043575676	3.497087668
0.2901	0.28604805	0.95821528	0.298521695	3.349840287	1.043606824	3.495916182
0.2902	0.28614387	0.95818667	0.298630610	3.348618554	1.043637984	3.494745515
0.2903	0.28623969	0.95815805	0.298739531	3.347397638	1.043669156	3.493575668
0.2904	0.28633550	0.95812942	0.298848459	3.346177539	1.043700341	3.492406638
0.2905	0.28643131	0.95810078	0.298957393	3.344958257	1.043731538	3.491238425
0.2906	0.28652712	0.95807213	0.299066334	3.343739790	1.043762747	3.490071028
0.2907	0.28662293	0.95804347	0.299175281	3.342522137	1.043793969	3.488904447
0.2908	0.28671873	0.95801481	0.299284235	3.341305299	1.043825202	3.487738680
0.2909	0.28681453	0.95798613	0.299393195	3.340089273	1.043856449	3.486573726
0.2910	0.28691033	0.95795744	0.299502162	3.338874059	1.043887707	3.485409586
0.2911	0.28700612	0.95792875	0.299611136	3.337659656	1.043918978	3.484246257
0.2912	0.28710191	0.95790004	0.299720116	3.336446064	1.043950261	3.483083740
0.2913	0.28719770	0.95787133	0.299829102	3.335233282	1.043981557	3.481922033
0.2914	0.28729349	0.95784260	0.299938095	3.334021308	1.044012864	3.480761135
0.2915	0.28738927	0.95781387	0.300047095	3.332810142	1.044044184	3.479601046
0.2916	0.28748505	0.95778513	0.300156101	3.331599783	1.044075517	3.478441765
0.2917	0.28758083	0.95775637	0.300265113	3.330390230	1.044106862	3.477283291
0.2918	0.28767660	0.95772761	0.300374133	3.329181483	1.044138219	3.476125623
0.2919	0.28777237	0.95769884	0.300483158	3.327973540	1.044169588	3.474968760
0.2920	0.28786814	0.95767005	0.300592191	3.326766401	1.044200970	3.473812702
0.2921	0.28796391	0.95764126	0.300701229	3.325560065	1.044232364	3.472657447
0.2922	0.28805967	0.95761246	0.300810275	3.324354531	1.044263770	3.471502995
0.2923	0.28815543	0.95758365	0.300919327	3.323149798	1.044295189	3.470349345
0.2924	0.28825118	0.95755483	0.301028385	3.321945865	1.044326620	3.469196497
0.2925	0.28834694	0.95752600	0.301137450	3.320742733	1.044358063	3.468044449
0.2926	0.28844269	0.95749716	0.301246522	3.319540399	1.044389519	3.466893200
0.2927	0.28853844	0.95746831	0.301355600	3.318338863	1.044420987	3.465742750
0.2928	0.28863418	0.95743945	0.301464685	3.317138124	1.044452467	3.464593098
0.2929	0.28872993	0.95741059	0.301573776	3.315938181	1.044483960	3.463444243
0.2930	0.28882567	0.95738171	0.301682874	3.314739034	1.044515465	3.462296184
0.2931	0.28892140	0.95735282	0.301791979	3.313540682	1.044546982	3.461148921
0.2932	0.28901714	0.95732392	0.301901090	3.312343124	1.044578512	3.460002452
0.2933	0.28911287	0.95729502	0.302010208	3.311146359	1.044610054	3.458856778
0.2934	0.28920860	0.95726610	0.302119332	3.309950385	1.044641609	3.457711896
0.2935	0.28930432	0.95723718	0.302228463	3.308755204	1.044673176	3.456567806
0.2936	0.28940004	0.95720824	0.302337601	3.307560813	1.044704755	3.455424508
0.2937	0.28949576	0.95717930	0.302446745	3.306367212	1.044736346	3.454282001
0.2938	0.28959148	0.95715034	0.302555895	3.305174400	1.044767950	3.453140283
0.2939	0.28968719	0.95712138	0.302665053	3.303982376	1.044799566	3.451999354
0.2940	0.28978290	0.95709240	0.302774217	3.302791140	1.044831195	3.450859214
0.2941	0.28987861	0.95706342	0.302883387	3.301600690	1.044862836	3.449719861
0.2942	0.28997432	0.95703443	0.302992564	3.300411026	1.044894489	3.448581294
0.2943	0.29007002	0.95700543	0.303101748	3.299222147	1.044926155	3.447443513
0.2944	0.29016572	0.95697641	0.303210938	3.298034052	1.044957833	3.446306517
0.2945	0.29026141	0.95694739	0.303320135	3.296846741	1.044989524	3.445170306
0.2946	0.29035711	0.95691836	0.303429339	3.295660212	1.045021226	3.444034877
0.2947	0.29045280	0.95688932	0.303538549	3.294474466	1.045052942	3.442900232
0.2948	0.29054848	0.95686027	0.303647766	3.293289500	1.045084669	3.441766368
0.2949	0.29064417	0.95683121	0.303756990	3.292105314	1.045116409	3.440633285

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.2950	0.29073985	0.95680214	0.303866220	3.290921908	1.045148162	3.439500982
0.2951	0.29083553	0.95677306	0.303975457	3.289739281	1.045179926	3.438369459
0.2952	0.29093120	0.95674398	0.304084700	3.288557431	1.045211703	3.437238714
0.2953	0.29102688	0.95671488	0.304193950	3.287376358	1.045243493	3.436108747
0.2954	0.29112255	0.95668577	0.304303207	3.286196062	1.045275295	3.434979557
0.2955	0.29121821	0.95665665	0.304412470	3.285016541	1.045307109	3.433851143
0.2956	0.29131388	0.95662753	0.304521740	3.283837795	1.045338936	3.432723505
0.2957	0.29140954	0.95659839	0.304631017	3.282659823	1.045370775	3.431596642
0.2958	0.29150520	0.95656924	0.304740300	3.281482624	1.045402626	3.430470552
0.2959	0.29160085	0.95654009	0.304849590	3.280306197	1.045434490	3.429345236
0.2960	0.29169651	0.95651092	0.304958887	3.279130542	1.045466366	3.428220691
0.2961	0.29179216	0.95648175	0.305068190	3.277955657	1.045498255	3.427096919
0.2962	0.29188780	0.95645257	0.305177500	3.276781543	1.045530156	3.425973917
0.2963	0.29198345	0.95642337	0.305286817	3.275608197	1.045562069	3.424851685
0.2964	0.29207909	0.95639417	0.305396140	3.274435621	1.045593995	3.423730222
0.2965	0.29217473	0.95636496	0.305505470	3.273263811	1.045625933	3.422609528
0.2966	0.29227036	0.95633573	0.305614807	3.272092769	1.045657884	3.421489601
0.2967	0.29236599	0.95630650	0.305724150	3.270922493	1.045689847	3.420370441
0.2968	0.29246162	0.95627726	0.305833500	3.269752982	1.045721822	3.419252047
0.2969	0.29255725	0.95624801	0.305942857	3.268584236	1.045753810	3.418134419
0.2970	0.29265287	0.95621875	0.306052221	3.267416253	1.045785811	3.417017555
0.2971	0.29274849	0.95618948	0.306161591	3.266249034	1.045817823	3.415901455
0.2972	0.29284411	0.95616020	0.306270968	3.265082576	1.045849848	3.414786118
0.2973	0.29293972	0.95613091	0.306380351	3.263916881	1.045881886	3.413671543
0.2974	0.29303534	0.95610161	0.306489741	3.262751946	1.045913936	3.412557730
0.2975	0.29313094	0.95607230	0.306599138	3.261587770	1.045945998	3.411444677
0.2976	0.29322655	0.95604299	0.306708542	3.260424354	1.045978073	3.410332384
0.2977	0.29332215	0.95601366	0.306817952	3.259261697	1.046010161	3.409220851
0.2978	0.29341775	0.95598432	0.306927369	3.258099797	1.046042260	3.408110075
0.2979	0.29351335	0.95595497	0.307036793	3.256938654	1.046074372	3.407000058
0.2980	0.29360894	0.95592562	0.307146224	3.255778267	1.046106497	3.405890797
0.2981	0.29370454	0.95589625	0.307255661	3.254618635	1.046138634	3.404782292
0.2982	0.29380012	0.95586688	0.307365105	3.253459758	1.046170783	3.403674543
0.2983	0.29389571	0.95583749	0.307474556	3.252301635	1.046202945	3.402567549
0.2984	0.29399129	0.95580810	0.307584013	3.251144264	1.046235119	3.401461308
0.2985	0.29408687	0.95577869	0.307693477	3.249987647	1.046267306	3.400355820
0.2986	0.29418245	0.95574928	0.307802948	3.248831780	1.046299505	3.399251085
0.2987	0.29427802	0.95571986	0.307912426	3.247676665	1.046331717	3.398147101
0.2988	0.29437359	0.95569043	0.308021910	3.246522299	1.046363941	3.397043868
0.2989	0.29446916	0.95566098	0.308131401	3.245368683	1.046396178	3.395941385
0.2990	0.29456472	0.95563153	0.308240899	3.244215815	1.046428427	3.394839651
0.2991	0.29466028	0.95560207	0.308350404	3.243063696	1.046460688	3.393738666
0.2992	0.29475584	0.95557260	0.308459915	3.241912323	1.046492962	3.392638429
0.2993	0.29485140	0.95554312	0.308569433	3.240761696	1.046525248	3.391538938
0.2994	0.29494695	0.95551363	0.308678958	3.239611815	1.046557547	3.390440195
0.2995	0.29504250	0.95548413	0.308788490	3.238462679	1.046589858	3.389342196
0.2996	0.29513805	0.95545462	0.308898028	3.237314287	1.046622182	3.388244943
0.2997	0.29523359	0.95542510	0.309007573	3.236166638	1.046654518	3.387148433
0.2998	0.29532913	0.95539557	0.309117125	3.235019732	1.046686867	3.386052667
0.2999	0.29542467	0.95536604	0.309226684	3.233873567	1.046719228	3.384957644

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.3000	0.29552021	0.95533649	0.309336250	3.232728144	1.046751602	3.383863362
0.3001	0.29561574	0.95530693	0.309445822	3.231583461	1.046783988	3.382769821
0.3002	0.29571127	0.95527737	0.309555401	3.230439517	1.046816386	3.381677021
0.3003	0.29580679	0.95524779	0.309664987	3.229296313	1.046848797	3.380584960
0.3004	0.29590232	0.95521820	0.309774579	3.228153846	1.046881221	3.379493639
0.3005	0.29599784	0.95518861	0.309884179	3.227012117	1.046913657	3.378403055
0.3006	0.29609336	0.95515901	0.309993785	3.225871124	1.046946105	3.377313209
0.3007	0.29618887	0.95512939	0.310103398	3.224730868	1.046978566	3.376224099
0.3008	0.29628438	0.95509977	0.310213018	3.223591346	1.047011039	3.375135726
0.3009	0.29637989	0.95507013	0.310322645	3.222452559	1.047043525	3.374048087
0.3010	0.29647540	0.95504049	0.310432278	3.221314506	1.047076024	3.372961184
0.3011	0.29657090	0.95501084	0.310541918	3.220177186	1.047108534	3.371875013
0.3012	0.29666640	0.95498118	0.310651565	3.219040597	1.047141058	3.370789576
0.3013	0.29676189	0.95495151	0.310761219	3.217904741	1.047173594	3.369704872
0.3014	0.29685739	0.95492182	0.310870880	3.216769615	1.047206142	3.368620898
0.3015	0.29695288	0.95489213	0.310980547	3.215635219	1.047238703	3.367537656
0.3016	0.29704837	0.95486243	0.311090221	3.214501553	1.047271276	3.366455143
0.3017	0.29714385	0.95483272	0.311199903	3.213368615	1.047303862	3.365373360
0.3018	0.29723933	0.95480301	0.311309591	3.212236405	1.047336460	3.364292306
0.3019	0.29733481	0.95477328	0.311419285	3.211104922	1.047369071	3.363211980
0.3020	0.29743029	0.95474354	0.311528987	3.209974166	1.047401695	3.362132381
0.3021	0.29752576	0.95471379	0.311638695	3.208844135	1.047434330	3.361053508
0.3022	0.29762123	0.95468403	0.311748411	3.207714829	1.047466979	3.359975361
0.3023	0.29771670	0.95465427	0.311858133	3.206586248	1.047499640	3.358897939
0.3024	0.29781216	0.95462449	0.311967862	3.205458390	1.047532313	3.357821242
0.3025	0.29790762	0.95459470	0.312077598	3.204331255	1.047564999	3.356745268
0.3026	0.29800308	0.95456491	0.312187340	3.203204842	1.047597697	3.355670017
0.3027	0.29809853	0.95453510	0.312297090	3.202079151	1.047630408	3.354595488
0.3028	0.29819399	0.95450529	0.312406846	3.200954180	1.047663132	3.353521680
0.3029	0.29828944	0.95447546	0.312516609	3.199829929	1.047695868	3.352448594
0.3030	0.29838488	0.95444563	0.312626379	3.198706397	1.047728616	3.351376227
0.3031	0.29848033	0.95441579	0.312736156	3.197583584	1.047761377	3.350304580
0.3032	0.29857577	0.95438593	0.312845940	3.196461489	1.047794151	3.349233651
0.3033	0.29867120	0.95435607	0.312955731	3.195340111	1.047826937	3.348163440
0.3034	0.29876664	0.95432620	0.313065529	3.194219449	1.047859735	3.347093947
0.3035	0.29886207	0.95429632	0.313175333	3.193099503	1.047892547	3.346025169
0.3036	0.29895750	0.95426643	0.313285144	3.191980272	1.047925370	3.344957108
0.3037	0.29905292	0.95423653	0.313394962	3.190861755	1.047958206	3.343889762
0.3038	0.29914834	0.95420662	0.313504788	3.189743952	1.047991055	3.342823130
0.3039	0.29924376	0.95417670	0.313614620	3.188626861	1.048023917	3.341757212
0.3040	0.29933918	0.95414677	0.313724458	3.187510483	1.048056790	3.340692006
0.3041	0.29943459	0.95411683	0.313834304	3.186394817	1.048089677	3.339627513
0.3042	0.29953000	0.95408688	0.313944157	3.185279861	1.048122576	3.338563732
0.3043	0.29962541	0.95405692	0.314054016	3.184165615	1.048155487	3.337500661
0.3044	0.29972081	0.95402696	0.314163883	3.183052078	1.048188411	3.336438300
0.3045	0.29981621	0.95399698	0.314273756	3.181939250	1.048221348	3.335376649
0.3046	0.29991161	0.95396699	0.314383636	3.180827131	1.048254297	3.334315707
0.3047	0.30000701	0.95393700	0.314493524	3.179715718	1.048287259	3.333255473
0.3048	0.30010240	0.95390699	0.314603418	3.178605012	1.048320233	3.332195946
0.3049	0.30019779	0.95387698	0.314713319	3.177495012	1.048353220	3.331137126

x	sin(x)	cos(x)	tan(x)	cot(x)	sec(x)	csc(x)
0.3050	0.30029318	0.95384695	0.314823227	3.176385717	1.048386219	3.330079011
0.3051	0.30038856	0.95381692	0.314933141	3.175277126	1.048419231	3.329021602
0.3052	0.30048394	0.95378687	0.315043063	3.174169240	1.048452255	3.327964898
0.3053	0.30057932	0.95375682	0.315152992	3.173062056	1.048485292	3.326908897
0.3054	0.30067469	0.95372676	0.315262927	3.171955575	1.048518342	3.325853600
0.3055	0.30077006	0.95369669	0.315372870	3.170849795	1.048551404	3.324799005
0.3056	0.30086543	0.95366660	0.315482819	3.169744717	1.048584479	3.323745112
0.3057	0.30096079	0.95363651	0.315592776	3.168640339	1.048617566	3.322691920
0.3058	0.30105616	0.95360641	0.315702739	3.167536660	1.048650666	3.321639429
0.3059	0.30115152	0.95357630	0.315812709	3.166433681	1.048683779	3.320587637
0.3060	0.30124687	0.95354618	0.315922687	3.165331400	1.048716904	3.319536544
0.3061	0.30134222	0.95351605	0.316032671	3.164229816	1.048750041	3.318486150
0.3062	0.30143758	0.95348591	0.316142662	3.163128929	1.048783191	3.317436454
0.3063	0.30153292	0.95345577	0.316252660	3.162028739	1.048816354	3.316387454
0.3064	0.30162827	0.95342561	0.316362665	3.160929244	1.048849530	3.315339151
0.3065	0.30172361	0.95339544	0.316472677	3.159830444	1.048882718	3.314291543
0.3066	0.30181895	0.95336526	0.316582696	3.158732338	1.048915918	3.313244631
0.3067	0.30191428	0.95333508	0.316692722	3.157634926	1.048949131	3.312198412
0.3068	0.30200961	0.95330488	0.316802755	3.156538206	1.048982357	3.311152888
0.3069	0.30210494	0.95327467	0.316912795	3.155442179	1.049015595	3.310108056
0.3070	0.30220027	0.95324446	0.317022842	3.154346843	1.049048846	3.309063917
0.3071	0.30229559	0.95321423	0.317132896	3.153252198	1.049082110	3.308020469
0.3072	0.30239091	0.95318400	0.317242956	3.152158243	1.049115386	3.306977712
0.3073	0.30248623	0.95315376	0.317353024	3.151064977	1.049148675	3.305935645
0.3074	0.30258154	0.95312350	0.317463099	3.149972400	1.049181976	3.304894268
0.3075	0.30267685	0.95309324	0.317573181	3.148880512	1.049215290	3.303853580
0.3076	0.30277216	0.95306297	0.317683270	3.147789310	1.049248617	3.302813580
0.3077	0.30286746	0.95303269	0.317793365	3.146698796	1.049281956	3.301774267
0.3078	0.30296277	0.95300239	0.317903468	3.145608968	1.049315308	3.300735642
0.3079	0.30305806	0.95297209	0.318013578	3.144519825	1.049348672	3.299697702
0.3080	0.30315336	0.95294178	0.318123695	3.143431366	1.049382049	3.298660449
0.3081	0.30324865	0.95291146	0.318233818	3.142343592	1.049415439	3.297623880
0.3082	0.30334394	0.95288113	0.318343949	3.141256502	1.049448841	3.296587995
0.3083	0.30343923	0.95285079	0.318454087	3.140170094	1.049482256	3.295552794
0.3084	0.30353451	0.95282044	0.318564232	3.139084368	1.049515683	3.294518275
0.3085	0.30362979	0.95279009	0.318674384	3.137999323	1.049549124	3.293484439
0.3086	0.30372507	0.95275972	0.318784542	3.136914959	1.049582576	3.292451285
0.3087	0.30382035	0.95272934	0.318894708	3.135831276	1.049616042	3.291418811
0.3088	0.30391562	0.95269895	0.319004881	3.134748272	1.049649520	3.290387018
0.3089	0.30401089	0.95266856	0.319115061	3.133665946	1.049683010	3.289355904
0.3090	0.30410615	0.95263815	0.319225248	3.132584299	1.049716514	3.288325469
0.3091	0.30420141	0.95260774	0.319335442	3.131503329	1.049750030	3.287295712
0.3092	0.30429667	0.95257731	0.319445643	3.130423036	1.049783558	3.286266633
0.3093	0.30439193	0.95254688	0.319555851	3.129343419	1.049817099	3.285238231
0.3094	0.30448718	0.95251643	0.319666066	3.128264478	1.049850653	3.284210505
0.3095	0.30458243	0.95248598	0.319776288	3.127186211	1.049884220	3.283183455
0.3096	0.30467768	0.95245552	0.319886518	3.126108619	1.049917799	3.282157080
0.3097	0.30477292	0.95242504	0.319996754	3.125031700	1.049951391	3.281131379
0.3098	0.30486816	0.95239456	0.320106997	3.123955454	1.049984995	3.280106352
0.3099	0.30496340	0.95236407	0.320217248	3.122879880	1.050018612	3.279081998

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.3100	0.30505864	0.95233357	0.320327505	3.121804978	1.050052242	3.278058316
0.3101	0.30515387	0.95230306	0.320437770	3.120730747	1.050085884	3.277035306
0.3102	0.30524910	0.95227254	0.320548041	3.119657186	1.050119539	3.276012967
0.3103	0.30534432	0.95224201	0.320658320	3.118584294	1.050153207	3.274991298
0.3104	0.30543955	0.95221147	0.320768606	3.117512072	1.050186887	3.273970299
0.3105	0.30553477	0.95218092	0.320878898	3.116440518	1.050220580	3.272949969
0.3106	0.30562998	0.95215036	0.320989198	3.115369632	1.050254286	3.271930308
0.3107	0.30572520	0.95211980	0.321099505	3.114299412	1.050288004	3.270911315
0.3108	0.30582041	0.95208922	0.321209819	3.113229859	1.050321735	3.269892988
0.3109	0.30591561	0.95205863	0.321320140	3.112160972	1.050355479	3.268875329
0.3110	0.30601082	0.95202804	0.321430468	3.111092750	1.050389236	3.267858335
0.3111	0.30610602	0.95199743	0.321540804	3.110025192	1.050423005	3.266842006
0.3112	0.30620122	0.95196681	0.321651146	3.108958298	1.050456786	3.265826343
0.3113	0.30629641	0.95193619	0.321761496	3.107892068	1.050490581	3.264811343
0.3114	0.30639160	0.95190555	0.321871852	3.106826499	1.050524388	3.263797006
0.3115	0.30648679	0.95187491	0.321982216	3.105761593	1.050558208	3.262783332
0.3116	0.30658198	0.95184426	0.322092587	3.104697348	1.050592040	3.261770320
0.3117	0.30667716	0.95181359	0.322202965	3.103633764	1.050625885	3.260757970
0.3118	0.30677234	0.95178292	0.322313350	3.102570839	1.050659743	3.259746281
0.3119	0.30686752	0.95175224	0.322423742	3.101508574	1.050693613	3.258735251
0.3120	0.30696269	0.95172155	0.322534141	3.100446968	1.050727497	3.257724881
0.3121	0.30705786	0.95169085	0.322644548	3.099386020	1.050761393	3.256715170
0.3122	0.30715303	0.95166014	0.322754961	3.098325729	1.050795301	3.255706118
0.3123	0.30724819	0.95162942	0.322865382	3.097266095	1.050829222	3.254697723
0.3124	0.30734336	0.95159869	0.322975809	3.096207118	1.050863156	3.253689984
0.3125	0.30743851	0.95156795	0.323086244	3.095148795	1.050897103	3.252682903
0.3126	0.30753367	0.95153720	0.323196686	3.094091128	1.050931062	3.251676477
0.3127	0.30762882	0.95150644	0.323307136	3.093034115	1.050965035	3.250670706
0.3128	0.30772397	0.95147567	0.323417592	3.091977756	1.050999019	3.249665589
0.3129	0.30781912	0.95144490	0.323528055	3.090922050	1.051033017	3.248661127
0.3130	0.30791426	0.95141411	0.323638526	3.089866996	1.051067027	3.247657318
0.3131	0.30800940	0.95138331	0.323749004	3.088812594	1.051101050	3.246654161
0.3132	0.30810454	0.95135251	0.323859489	3.087758843	1.051135086	3.245651656
0.3133	0.30819967	0.95132169	0.323969981	3.086705743	1.051169134	3.244649803
0.3134	0.30829480	0.95129087	0.324080480	3.085653292	1.051203195	3.243648600
0.3135	0.30838993	0.95126003	0.324190986	3.084601491	1.051237269	3.242648047
0.3136	0.30848505	0.95122919	0.324301500	3.083550339	1.051271355	3.241648144
0.3137	0.30858017	0.95119834	0.324412021	3.082499835	1.051305455	3.240648890
0.3138	0.30867529	0.95116747	0.324522549	3.081449978	1.051339567	3.239650284
0.3139	0.30877041	0.95113660	0.324633084	3.080400768	1.051373691	3.238652326
0.3140	0.30886552	0.95110572	0.324743626	3.079352204	1.051407829	3.237655015
0.3141	0.30896063	0.95107483	0.324854175	3.078304285	1.051441979	3.236658350
0.3142	0.30905574	0.95104393	0.324964732	3.077257012	1.051476142	3.235662331
0.3143	0.30915084	0.95101302	0.325075296	3.076210383	1.051510318	3.234666957
0.3144	0.30924594	0.95098210	0.325185867	3.075164398	1.051544506	3.233672227
0.3145	0.30934103	0.95095117	0.325296445	3.074119056	1.051578707	3.232678142
0.3146	0.30943613	0.95092023	0.325407030	3.073074356	1.051612921	3.231684699
0.3147	0.30953122	0.95088928	0.325517623	3.072030298	1.051647147	3.230691900
0.3148	0.30962631	0.95085832	0.325628223	3.070986882	1.051681387	3.229699743
0.3149	0.30972139	0.95082736	0.325738830	3.069944106	1.051715639	3.228708227

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.3150	0.30981647	0.95079638	0.325849444	3.068901970	1.051749904	3.227717352
0.3151	0.30991155	0.95076539	0.325960065	3.067860474	1.051784181	3.226727117
0.3152	0.31000662	0.95073440	0.326070694	3.066819616	1.051818472	3.225737522
0.3153	0.31010170	0.95070339	0.326181330	3.065779397	1.051852775	3.224748566
0.3154	0.31019676	0.95067238	0.326291973	3.064739815	1.051887091	3.223760248
0.3155	0.31029183	0.95064135	0.326402623	3.063700871	1.051921419	3.222772568
0.3156	0.31038689	0.95061032	0.326513280	3.062662563	1.051955761	3.221785526
0.3157	0.31048195	0.95057927	0.326623945	3.061624890	1.051990115	3.220799120
0.3158	0.31057701	0.95054822	0.326734617	3.060587853	1.052024482	3.219813350
0.3159	0.31067206	0.95051716	0.326845296	3.059551450	1.052058861	3.218828215
0.3160	0.31076711	0.95048609	0.326955983	3.058515682	1.052093254	3.217843715
0.3161	0.31086216	0.95045501	0.327066676	3.057480547	1.052127659	3.216859850
0.3162	0.31095720	0.95042391	0.327177377	3.056446044	1.052162077	3.215876618
0.3163	0.31105224	0.95039281	0.327288085	3.055412174	1.052196508	3.214894019
0.3164	0.31114728	0.95036170	0.327398801	3.054378935	1.052230951	3.213912052
0.3165	0.31124232	0.95033058	0.327509523	3.053346328	1.052265407	3.212930718
0.3166	0.31133735	0.95029946	0.327620253	3.052314350	1.052299877	3.211950014
0.3167	0.31143238	0.95026832	0.327730990	3.051283003	1.052334358	3.210969941
0.3168	0.31152740	0.95023717	0.327841735	3.050252284	1.052368853	3.209990498
0.3169	0.31162242	0.95020601	0.327952486	3.049222195	1.052403361	3.209011685
0.3170	0.31171744	0.95017484	0.328063245	3.048192733	1.052437881	3.208033500
0.3171	0.31181246	0.95014367	0.328174011	3.047163899	1.052472414	3.207055944
0.3172	0.31190747	0.95011248	0.328284785	3.046135691	1.052506960	3.206079015
0.3173	0.31200248	0.95008129	0.328395566	3.045108110	1.052541518	3.205102713
0.3174	0.31209749	0.95005008	0.328506354	3.044081154	1.052576090	3.204127038
0.3175	0.31219249	0.95001887	0.328617149	3.043054824	1.052610674	3.203151988
0.3176	0.31228749	0.94998764	0.328727951	3.042029118	1.052645271	3.202177564
0.3177	0.31238249	0.94995641	0.328838761	3.041004035	1.052679881	3.201203765
0.3178	0.31247748	0.94992517	0.328949578	3.039979576	1.052714503	3.200230589
0.3179	0.31257247	0.94989391	0.329060403	3.038955740	1.052749139	3.199258037
0.3180	0.31266746	0.94986265	0.329171235	3.037932526	1.052783787	3.198286108
0.3181	0.31276245	0.94983138	0.329282074	3.036909933	1.052818448	3.197314802
0.3182	0.31285743	0.94980010	0.329392920	3.035887961	1.052853122	3.196344117
0.3183	0.31295241	0.94976881	0.329503774	3.034866610	1.052887808	3.195374053
0.3184	0.31304738	0.94973751	0.329614634	3.033845878	1.052922508	3.194404610
0.3185	0.31314235	0.94970620	0.329725503	3.032825765	1.052957220	3.193435787
0.3186	0.31323732	0.94967488	0.329836378	3.031806271	1.052991945	3.192467583
0.3187	0.31333229	0.94964355	0.329947261	3.030787395	1.053026683	3.191499998
0.3188	0.31342725	0.94961221	0.330058151	3.029769137	1.053061434	3.190533031
0.3189	0.31352221	0.94958087	0.330169049	3.028751495	1.053096197	3.189566682
0.3190	0.31361717	0.94954951	0.330279954	3.027734469	1.053130974	3.188600950
0.3191	0.31371212	0.94951814	0.330390866	3.026718060	1.053165763	3.187635834
0.3192	0.31380707	0.94948677	0.330501785	3.025702265	1.053200565	3.186671335
0.3193	0.31390202	0.94945538	0.330612712	3.024687085	1.053235380	3.185707450
0.3194	0.31399696	0.94942399	0.330723646	3.023672518	1.053270208	3.184744181
0.3195	0.31409190	0.94939258	0.330834588	3.022658565	1.053305048	3.183781525
0.3196	0.31418684	0.94936117	0.330945536	3.021645225	1.053339902	3.182819484
0.3197	0.31428178	0.94932975	0.331056493	3.020632497	1.053374768	3.181858055
0.3198	0.31437671	0.94929831	0.331167456	3.019620381	1.053409647	3.180897239
0.3199	0.31447164	0.94926687	0.331278427	3.018608875	1.053444539	3.179937034

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.3200	0.31456656	0.94923542	0.331389405	3.017597981	1.053479444	3.178977441
0.3201	0.31466148	0.94920396	0.331500391	3.016587696	1.053514361	3.178018459
0.3202	0.31475640	0.94917249	0.331611384	3.015578020	1.053549292	3.177060087
0.3203	0.31485132	0.94914101	0.331722384	3.014568953	1.053584235	3.176102324
0.3204	0.31494623	0.94910952	0.331833392	3.013560495	1.053619191	3.175145171
0.3205	0.31504114	0.94907802	0.331944407	3.012552644	1.053654160	3.174188626
0.3206	0.31513605	0.94904651	0.332055429	3.011545400	1.053689142	3.173232689
0.3207	0.31523095	0.94901499	0.332166459	3.010538762	1.053724137	3.172277359
0.3208	0.31532585	0.94898346	0.332277496	3.009532731	1.053759144	3.171322636
0.3209	0.31542074	0.94895192	0.332388541	3.008527305	1.053794165	3.170368519
0.3210	0.31551564	0.94892038	0.332499592	3.007522483	1.053829198	3.169415007
0.3211	0.31561053	0.94888882	0.332610652	3.006518266	1.053864244	3.168462101
0.3212	0.31570542	0.94885725	0.332721718	3.005514653	1.053899303	3.167509799
0.3213	0.31580030	0.94882568	0.332832792	3.004511642	1.053934375	3.166558101
0.3214	0.31589518	0.94879409	0.332943874	3.003509235	1.053969460	3.165607007
0.3215	0.31599006	0.94876250	0.333054963	3.002507429	1.054004558	3.164656515
0.3216	0.31608493	0.94873090	0.333166059	3.001506224	1.054039669	3.163706626
0.3217	0.31617981	0.94869928	0.333277163	3.000505621	1.054074792	3.162757338
0.3218	0.31627467	0.94866766	0.333388274	2.999505617	1.054109928	3.161808651
0.3219	0.31636954	0.94863603	0.333499392	2.998506214	1.054145078	3.160860565
0.3220	0.31646440	0.94860439	0.333610518	2.997507409	1.054180240	3.159913079
0.3221	0.31655926	0.94857274	0.333721651	2.996509203	1.054215415	3.158966193
0.3222	0.31665412	0.94854108	0.333832792	2.995511596	1.054250603	3.158019905
0.3223	0.31674897	0.94850940	0.333943940	2.994514585	1.054285803	3.157074215
0.3224	0.31684382	0.94847773	0.334055096	2.993518172	1.054321017	3.156129124
0.3225	0.31693866	0.94844604	0.334166259	2.992522355	1.054356244	3.155184629
0.3226	0.31703351	0.94841434	0.334277429	2.991527134	1.054391483	3.154240731
0.3227	0.31712835	0.94838263	0.334388607	2.990532508	1.054426736	3.153297430
0.3228	0.31722318	0.94835091	0.334499792	2.989538477	1.054462001	3.152354723
0.3229	0.31731802	0.94831918	0.334610985	2.988545039	1.054497279	3.151412612
0.3230	0.31741285	0.94828745	0.334722185	2.987552196	1.054532570	3.150471096
0.3231	0.31750767	0.94825570	0.334833393	2.986559946	1.054567874	3.149530173
0.3232	0.31760250	0.94822395	0.334944608	2.985568288	1.054603191	3.148589843
0.3233	0.31769732	0.94819218	0.335055831	2.984577222	1.054638521	3.147650107
0.3234	0.31779214	0.94816041	0.335167061	2.983586747	1.054673864	3.146710962
0.3235	0.31788695	0.94812862	0.335278298	2.982596864	1.054709219	3.145772409
0.3236	0.31798176	0.94809683	0.335389543	2.981607570	1.054744588	3.144834448
0.3237	0.31807657	0.94806503	0.335500795	2.980618867	1.054779969	3.143897077
0.3238	0.31817138	0.94803321	0.335612055	2.979630752	1.054815364	3.142960296
0.3239	0.31826618	0.94800139	0.335723322	2.978643227	1.054850771	3.142024104
0.3240	0.31836098	0.94796956	0.335834597	2.977656289	1.054886191	3.141088502
0.3241	0.31845577	0.94793772	0.335945879	2.976669939	1.054921624	3.140153488
0.3242	0.31855056	0.94790587	0.336057169	2.975684176	1.054957071	3.139219062
0.3243	0.31864535	0.94787401	0.336168466	2.974699000	1.054992530	3.138285223
0.3244	0.31874014	0.94784214	0.336279771	2.973714409	1.055028002	3.137351971
0.3245	0.31883492	0.94781026	0.336391083	2.972730404	1.055063487	3.136419305
0.3246	0.31892970	0.94777837	0.336502403	2.971746984	1.055098984	3.135487225
0.3247	0.31902448	0.94774648	0.336613730	2.970764148	1.055134495	3.134555730
0.3248	0.31911925	0.94771457	0.336725064	2.969781896	1.055170019	3.133624819
0.3249	0.31921402	0.94768265	0.336836406	2.968800227	1.055205556	3.132694493

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.3250	0.31930879	0.94765073	0.336947756	2.967819141	1.055241105	3.131764750
0.3251	0.31940355	0.94761879	0.337059113	2.966838637	1.055276668	3.130835591
0.3252	0.31949831	0.94758685	0.337170478	2.965858714	1.055312243	3.129907013
0.3253	0.31959307	0.94755489	0.337281850	2.964879373	1.055347832	3.128979018
0.3254	0.31968782	0.94752293	0.337393230	2.963900612	1.055383433	3.128051604
0.3255	0.31978257	0.94749095	0.337504617	2.962922431	1.055419048	3.127124771
0.3256	0.31987732	0.94745897	0.337616012	2.961944830	1.055454675	3.126198518
0.3257	0.31997206	0.94742698	0.337727414	2.960967808	1.055490315	3.125272845
0.3258	0.32006680	0.94739498	0.337838824	2.959991364	1.055525969	3.124347752
0.3259	0.32016154	0.94736296	0.337950241	2.959015498	1.055561635	3.123423237
0.3260	0.32025628	0.94733094	0.338061666	2.958040209	1.055597314	3.122499300
0.3261	0.32035101	0.94729891	0.338173098	2.957065497	1.055633006	3.121575941
0.3262	0.32044574	0.94726687	0.338284538	2.956091362	1.055668712	3.120653159
0.3263	0.32054046	0.94723482	0.338395985	2.955117802	1.055704430	3.119730953
0.3264	0.32063518	0.94720277	0.338507440	2.954144817	1.055740161	3.118809324
0.3265	0.32072990	0.94717070	0.338618903	2.953172407	1.055775905	3.117888270
0.3266	0.32082462	0.94713862	0.338730373	2.952200571	1.055811662	3.116967792
0.3267	0.32091933	0.94710653	0.338841850	2.951229309	1.055847432	3.116047887
0.3268	0.32101404	0.94707444	0.338953336	2.950258620	1.055883215	3.115128557
0.3269	0.32110874	0.94704233	0.339064828	2.949288504	1.055919011	3.114209800
0.3270	0.32120345	0.94701021	0.339176329	2.948318960	1.055954820	3.113291616
0.3271	0.32129815	0.94697809	0.339287836	2.947349987	1.055990642	3.112374005
0.3272	0.32139284	0.94694595	0.339399352	2.946381585	1.056026477	3.111456965
0.3273	0.32148754	0.94691381	0.339510875	2.945413754	1.056062325	3.110540497
0.3274	0.32158223	0.94688166	0.339622405	2.944446493	1.056098186	3.109624599
0.3275	0.32167691	0.94684949	0.339733943	2.943479801	1.056134060	3.108709272
0.3276	0.32177160	0.94681732	0.339845489	2.942513678	1.056169947	3.107794514
0.3277	0.32186628	0.94678514	0.339957042	2.941548123	1.056205847	3.106880326
0.3278	0.32196095	0.94675295	0.340068603	2.940583136	1.056241760	3.105966707
0.3279	0.32205563	0.94672075	0.340180172	2.939618717	1.056277686	3.105053655
0.3280	0.32215030	0.94668854	0.340291748	2.938654865	1.056313625	3.104141172
0.3281	0.32224496	0.94665632	0.340403331	2.937691578	1.056349577	3.103229255
0.3282	0.32233963	0.94662409	0.340514923	2.936728858	1.056385542	3.102317905
0.3283	0.32243429	0.94659185	0.340626522	2.935766703	1.056421520	3.101407122
0.3284	0.32252895	0.94655960	0.340738128	2.934805113	1.056457511	3.100496904
0.3285	0.32262360	0.94652734	0.340849742	2.933844087	1.056493515	3.099587251
0.3286	0.32271825	0.94649508	0.340961364	2.932883624	1.056529532	3.098678162
0.3287	0.32281290	0.94646280	0.341072993	2.931923725	1.056565562	3.097769638
0.3288	0.32290754	0.94643051	0.341184630	2.930964389	1.056601605	3.096861677
0.3289	0.32300219	0.94639822	0.341296274	2.930005615	1.056637661	3.095954280
0.3290	0.32309682	0.94636591	0.341407926	2.929047402	1.056673730	3.095047444
0.3291	0.32319146	0.94633360	0.341519586	2.928089751	1.056709812	3.094141171
0.3292	0.32328609	0.94630128	0.341631254	2.927132660	1.056745908	3.093235460
0.3293	0.32338072	0.94626894	0.341742929	2.926176129	1.056782016	3.092330309
0.3294	0.32347534	0.94623660	0.341854611	2.925220158	1.056818137	3.091425719
0.3295	0.32356997	0.94620425	0.341966302	2.924264747	1.056854272	3.090521689
0.3296	0.32366459	0.94617189	0.342077999	2.923309893	1.056890419	3.089618218
0.3297	0.32375920	0.94613951	0.342189705	2.922355598	1.056926579	3.088715306
0.3298	0.32385381	0.94610713	0.342301418	2.921401861	1.056962753	3.087812953
0.3299	0.32394842	0.94607474	0.342413139	2.920448680	1.056998939	3.086911158

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.3300	0.32404303	0.94604234	0.342524868	2.919496056	1.057035139	3.086009920
0.3301	0.32413763	0.94600993	0.342636604	2.918543989	1.057071352	3.085109239
0.3302	0.32423223	0.94597752	0.342748347	2.917592477	1.057107577	3.084209114
0.3303	0.32432683	0.94594509	0.342860099	2.916641519	1.057143816	3.083309545
0.3304	0.32442142	0.94591265	0.342971858	2.915691117	1.057180068	3.082410532
0.3305	0.32451601	0.94588020	0.343083625	2.914741268	1.057216332	3.081512074
0.3306	0.32461060	0.94584775	0.343195399	2.913791973	1.057252610	3.080614170
0.3307	0.32470518	0.94581528	0.343307182	2.912843231	1.057288901	3.079716820
0.3308	0.32479976	0.94578281	0.343418971	2.911895042	1.057325205	3.078820023
0.3309	0.32489434	0.94575032	0.343530769	2.910947405	1.057361522	3.077923780
0.3310	0.32498891	0.94571783	0.343642574	2.910000319	1.057397853	3.077028088
0.3311	0.32508348	0.94568532	0.343754387	2.909053784	1.057434196	3.076132949
0.3312	0.32517805	0.94565281	0.343866207	2.908107800	1.057470552	3.075238361
0.3313	0.32527261	0.94562029	0.343978036	2.907162366	1.057506922	3.074344324
0.3314	0.32536717	0.94558776	0.344089872	2.906217481	1.057543304	3.073450837
0.3315	0.32546173	0.94555521	0.344201715	2.905273146	1.057579699	3.072557900
0.3316	0.32555628	0.94552266	0.344313567	2.904329359	1.057616108	3.071665513
0.3317	0.32565083	0.94549010	0.344425426	2.903386120	1.057652530	3.070773674
0.3318	0.32574538	0.94545753	0.344537292	2.902443428	1.057688965	3.069882384
0.3319	0.32583992	0.94542495	0.344649167	2.901501284	1.057725412	3.068991642
0.3320	0.32593446	0.94539237	0.344761049	2.900559686	1.057761873	3.068101448
0.3321	0.32602900	0.94535977	0.344872939	2.899618634	1.057798347	3.067211800
0.3322	0.32612354	0.94532716	0.344984836	2.898678128	1.057834835	3.066322699
0.3323	0.32621807	0.94529454	0.345096742	2.897738167	1.057871335	3.065434143
0.3324	0.32631259	0.94526192	0.345208655	2.896798751	1.057907848	3.064546133
0.3325	0.32640712	0.94522928	0.345320576	2.895859878	1.057944375	3.063658668
0.3326	0.32650164	0.94519663	0.345432504	2.894921550	1.057980914	3.062771748
0.3327	0.32659616	0.94516398	0.345544440	2.893983764	1.058017467	3.061885371
0.3328	0.32669067	0.94513132	0.345656384	2.893046521	1.058054033	3.060999538
0.3329	0.32678518	0.94509864	0.345768336	2.892109820	1.058090612	3.060114248
0.3330	0.32687969	0.94506596	0.345880295	2.891173661	1.058127203	3.059229501
0.3331	0.32697420	0.94503327	0.345992263	2.890238043	1.058163809	3.058345295
0.3332	0.32706870	0.94500056	0.346104238	2.889302966	1.058200427	3.057461632
0.3333	0.32716320	0.94496785	0.346216220	2.888368429	1.058237058	3.056578509
0.3334	0.32725769	0.94493513	0.346328211	2.887434431	1.058273703	3.055695926
0.3335	0.32735219	0.94490240	0.346440209	2.886500973	1.058310360	3.054813884
0.3336	0.32744667	0.94486966	0.346552215	2.885568054	1.058347031	3.053932382
0.3337	0.32754116	0.94483691	0.346664229	2.884635672	1.058383715	3.053051418
0.3338	0.32763564	0.94480415	0.346776250	2.883703829	1.058420412	3.052170993
0.3339	0.32773012	0.94477138	0.346888279	2.882772523	1.058457122	3.051291107
0.3340	0.32782460	0.94473861	0.347000316	2.881841753	1.058493845	3.050411757
0.3341	0.32791907	0.94470582	0.347112361	2.880911520	1.058530581	3.049532946
0.3342	0.32801354	0.94467302	0.347224414	2.879981823	1.058567331	3.048654670
0.3343	0.32810800	0.94464022	0.347336474	2.879052661	1.058604093	3.047776931
0.3344	0.32820246	0.94460740	0.347448542	2.878124034	1.058640869	3.046899728
0.3345	0.32829692	0.94457458	0.347560618	2.877195941	1.058677658	3.046023060
0.3346	0.32839138	0.94454174	0.347672702	2.876268382	1.058714460	3.045146927
0.3347	0.32848583	0.94450890	0.347784793	2.875341357	1.058751275	3.044271328
0.3348	0.32858028	0.94447604	0.347896893	2.874414865	1.058788103	3.043396263
0.3349	0.32867473	0.94444318	0.348009000	2.873488905	1.058824945	3.042521731

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.3350	0.32876917	0.94441031	0.348121115	2.872563477	1.058861800	3.041647732
0.3351	0.32886361	0.94437743	0.348233238	2.871638580	1.058898667	3.040774266
0.3352	0.32895805	0.94434454	0.348345368	2.870714215	1.058935548	3.039901331
0.3353	0.32905248	0.94431164	0.348457506	2.869790380	1.058972442	3.039028928
0.3354	0.32914691	0.94427873	0.348569653	2.868867075	1.059009350	3.038157056
0.3355	0.32924133	0.94424581	0.348681807	2.867944300	1.059046270	3.037285714
0.3356	0.32933576	0.94421288	0.348793968	2.867022054	1.059083204	3.036414902
0.3357	0.32943018	0.94417994	0.348906138	2.866100337	1.059120151	3.035544620
0.3358	0.32952459	0.94414699	0.349018316	2.865179148	1.059157110	3.034674867
0.3359	0.32961901	0.94411403	0.349130501	2.864258487	1.059194084	3.033805643
0.3360	0.32971342	0.94408107	0.349242694	2.863338352	1.059231070	3.032936946
0.3361	0.32980782	0.94404809	0.349354895	2.862418745	1.059268069	3.032068778
0.3362	0.32990223	0.94401511	0.349467104	2.861499664	1.059305082	3.031201136
0.3363	0.32999663	0.94398211	0.349579320	2.860581109	1.059342108	3.030334021
0.3364	0.33009102	0.94394911	0.349691545	2.859663079	1.059379147	3.029467433
0.3365	0.33018541	0.94391609	0.349803777	2.858745574	1.059416199	3.028601370
0.3366	0.33027980	0.94388307	0.349916017	2.857828594	1.059453264	3.027735832
0.3367	0.33037419	0.94385004	0.350028265	2.856912137	1.059490343	3.026870820
0.3368	0.33046857	0.94381700	0.350140521	2.855996204	1.059527435	3.026006331
0.3369	0.33056295	0.94378394	0.350252785	2.855080794	1.059564540	3.025142367
0.3370	0.33065733	0.94375088	0.350365057	2.854165907	1.059601658	3.024278926
0.3371	0.33075171	0.94371781	0.350477336	2.853251541	1.059638789	3.023416008
0.3372	0.33084608	0.94368473	0.350589624	2.852337698	1.059675934	3.022553613
0.3373	0.33094044	0.94365164	0.350701919	2.851424375	1.059713091	3.021691739
0.3374	0.33103481	0.94361854	0.350814222	2.850511573	1.059750262	3.020830387
0.3375	0.33112917	0.94358544	0.350926533	2.849599292	1.059787446	3.019969557
0.3376	0.33122352	0.94355232	0.351038852	2.848687530	1.059824644	3.019109247
0.3377	0.33131788	0.94351919	0.351151179	2.847776287	1.059861854	3.018249457
0.3378	0.33141223	0.94348606	0.351263513	2.846865564	1.059899078	3.017390187
0.3379	0.33150657	0.94345291	0.351375856	2.845955359	1.059936315	3.016531436
0.3380	0.33160092	0.94341975	0.351488206	2.845045671	1.059973565	3.015673204
0.3381	0.33169526	0.94338659	0.351600565	2.844136501	1.060010829	3.014815490
0.3382	0.33178959	0.94335341	0.351712931	2.843227849	1.060048105	3.013958294
0.3383	0.33188393	0.94332023	0.351825305	2.842319712	1.060085395	3.013101616
0.3384	0.33197826	0.94328704	0.351937687	2.841412092	1.060122698	3.012245454
0.3385	0.33207259	0.94325384	0.352050077	2.840504988	1.060160015	3.011389810
0.3386	0.33216691	0.94322062	0.352162475	2.839598398	1.060197344	3.010534681
0.3387	0.33226123	0.94318740	0.352274881	2.838692324	1.060234687	3.009680067
0.3388	0.33235555	0.94315417	0.352387295	2.837786763	1.060272043	3.008825969
0.3389	0.33244986	0.94312093	0.352499716	2.836881717	1.060309412	3.007972386
0.3390	0.33254417	0.94308768	0.352612146	2.835977184	1.060346795	3.007119317
0.3391	0.33263848	0.94305442	0.352724583	2.835073163	1.060384191	3.006266762
0.3392	0.33273278	0.94302115	0.352837029	2.834169656	1.060421600	3.005414719
0.3393	0.33282708	0.94298788	0.352949482	2.833266660	1.060459022	3.004563190
0.3394	0.33292138	0.94295459	0.353061943	2.832364175	1.060496457	3.003712174
0.3395	0.33301567	0.94292129	0.353174413	2.831462202	1.060533906	3.002861669
0.3396	0.33310996	0.94288798	0.353286890	2.830560740	1.060571368	3.002011676
0.3397	0.33320425	0.94285467	0.353399375	2.829659787	1.060608843	3.001162193
0.3398	0.33329853	0.94282134	0.353511868	2.828759345	1.060646332	3.000313222
0.3399	0.33339282	0.94278801	0.353624369	2.827859411	1.060683833	2.999464760

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.3400	0.33348709	0.94275467	0.353736878	2.826959987	1.060721348	2.998616809
0.3401	0.33358137	0.94272131	0.353849395	2.826061070	1.060758877	2.997769366
0.3402	0.33367564	0.94268795	0.353961920	2.825162662	1.060796418	2.996922433
0.3403	0.33376990	0.94265458	0.354074453	2.824264761	1.060833973	2.996076008
0.3404	0.33386417	0.94262120	0.354186994	2.823367368	1.060871541	2.995230090
0.3405	0.33395843	0.94258780	0.354299542	2.822470481	1.060909122	2.994384680
0.3406	0.33405268	0.94255440	0.354412099	2.821574100	1.060946717	2.993539778
0.3407	0.33414694	0.94252099	0.354524664	2.820678224	1.060984325	2.992695381
0.3408	0.33424119	0.94248757	0.354637237	2.819782854	1.061021946	2.991851491
0.3409	0.33433544	0.94245415	0.354749818	2.818887989	1.061059580	2.991008107
0.3410	0.33442968	0.94242071	0.354862406	2.817993628	1.061097228	2.990165228
0.3411	0.33452392	0.94238726	0.354975003	2.817099771	1.061134889	2.989322853
0.3412	0.33461816	0.94235380	0.355087608	2.816206418	1.061172563	2.988480984
0.3413	0.33471239	0.94232034	0.355200221	2.815313568	1.061210251	2.987639617
0.3414	0.33480662	0.94228686	0.355312841	2.814421220	1.061247952	2.986798755
0.3415	0.33490085	0.94225337	0.355425470	2.813529374	1.061285666	2.985958395
0.3416	0.33499507	0.94221988	0.355538107	2.812638030	1.061323393	2.985118538
0.3417	0.33508929	0.94218638	0.355650751	2.811747187	1.061361134	2.984279184
0.3418	0.33518351	0.94215286	0.355763404	2.810856846	1.061398888	2.983440331
0.3419	0.33527772	0.94211934	0.355876065	2.809967004	1.061436655	2.982601979
0.3420	0.33537193	0.94208581	0.355988734	2.809077662	1.061474436	2.981764128
0.3421	0.33546614	0.94205226	0.356101411	2.808188820	1.061512230	2.980926777
0.3422	0.33556034	0.94201871	0.356214095	2.807300477	1.061550037	2.980089927
0.3423	0.33565454	0.94198515	0.356326788	2.806412633	1.061587858	2.979253575
0.3424	0.33574874	0.94195158	0.356439489	2.805525287	1.061625692	2.978417723
0.3425	0.33584293	0.94191800	0.356552198	2.804638438	1.061663539	2.977582370
0.3426	0.33593712	0.94188441	0.356664915	2.803752087	1.061701399	2.976747515
0.3427	0.33603131	0.94185082	0.356777640	2.802866233	1.061739273	2.975913158
0.3428	0.33612549	0.94181721	0.356890373	2.801980875	1.061777160	2.975079297
0.3429	0.33621967	0.94178359	0.357003114	2.801096014	1.061815061	2.974245934
0.3430	0.33631385	0.94174996	0.357115863	2.800211648	1.061852975	2.973413068
0.3431	0.33640802	0.94171633	0.357228621	2.799327776	1.061890902	2.972580697
0.3432	0.33650219	0.94168268	0.357341386	2.798444400	1.061928842	2.971748822
0.3433	0.33659636	0.94164903	0.357454159	2.797561518	1.061966796	2.970917442
0.3434	0.33669052	0.94161536	0.357566940	2.796679130	1.062004763	2.970086557
0.3435	0.33678468	0.94158169	0.357679730	2.795797235	1.062042744	2.969256166
0.3436	0.33687884	0.94154801	0.357792527	2.794915833	1.062080737	2.968426269
0.3437	0.33697299	0.94151431	0.357905333	2.794034924	1.062118744	2.967596866
0.3438	0.33706714	0.94148061	0.358018147	2.793154507	1.062156765	2.966767955
0.3439	0.33716129	0.94144690	0.358130968	2.792274582	1.062194799	2.965939537
0.3440	0.33725543	0.94141318	0.358243798	2.791395147	1.062232846	2.965111612
0.3441	0.33734957	0.94137945	0.358356636	2.790516204	1.062270906	2.964284177
0.3442	0.33744371	0.94134571	0.358469482	2.789637751	1.062308980	2.963457235
0.3443	0.33753784	0.94131196	0.358582336	2.788759788	1.062347068	2.962630783
0.3444	0.33763197	0.94127820	0.358695198	2.787882315	1.062385168	2.961804822
0.3445	0.33772610	0.94124443	0.358808069	2.787005330	1.062423282	2.960979350
0.3446	0.33782022	0.94121066	0.358920947	2.786128835	1.062461409	2.960154368
0.3447	0.33791434	0.94117687	0.359033834	2.785252828	1.062499550	2.959329876
0.3448	0.33800846	0.94114307	0.359146728	2.784377308	1.062537704	2.958505872
0.3449	0.33810257	0.94110927	0.359259631	2.783502276	1.062575871	2.957682356

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.3450	0.33819668	0.94107545	0.359372542	2.782627731	1.062614052	2.956859329
0.3451	0.33829078	0.94104163	0.359485461	2.781753672	1.062652246	2.956036788
0.3452	0.33838489	0.94100779	0.359598388	2.780880100	1.062690454	2.955214735
0.3453	0.33847898	0.94097395	0.359711323	2.780007013	1.062728675	2.954393169
0.3454	0.33857308	0.94094010	0.359824266	2.779134412	1.062766909	2.953572088
0.3455	0.33866717	0.94090624	0.359937217	2.778262296	1.062805156	2.952751494
0.3456	0.33876126	0.94087237	0.360050177	2.777390664	1.062843417	2.951931385
0.3457	0.33885535	0.94083848	0.360163145	2.776519516	1.062881692	2.951111760
0.3458	0.33894943	0.94080459	0.360276120	2.775648851	1.062919980	2.950292620
0.3459	0.33904351	0.94077069	0.360389104	2.774778670	1.062958281	2.949473965
0.3460	0.33913758	0.94073679	0.360502097	2.773908972	1.062996595	2.948655793
0.3461	0.33923166	0.94070287	0.360615097	2.773039756	1.063034923	2.947838104
0.3462	0.33932572	0.94066894	0.360728105	2.772171022	1.063073265	2.947020898
0.3463	0.33941979	0.94063500	0.360841122	2.771302769	1.063111619	2.946204175
0.3464	0.33951385	0.94060106	0.360954146	2.770434998	1.063149987	2.945387933
0.3465	0.33960791	0.94056710	0.361067179	2.769567707	1.063188369	2.944572174
0.3466	0.33970196	0.94053313	0.361180220	2.768700897	1.063226764	2.943756895
0.3467	0.33979602	0.94049916	0.361293270	2.767834566	1.063265172	2.942942097
0.3468	0.33989006	0.94046517	0.361406327	2.766968715	1.063303594	2.942127779
0.3469	0.33998411	0.94043118	0.361519392	2.766103343	1.063342029	2.941313942
0.3470	0.34007815	0.94039718	0.361632466	2.765238449	1.063380478	2.940500584
0.3471	0.34017219	0.94036317	0.361745548	2.764374034	1.063418940	2.939687704
0.3472	0.34026622	0.94032914	0.361858638	2.763510096	1.063457415	2.938875304
0.3473	0.34036025	0.94029511	0.361971736	2.762646636	1.063495904	2.938063382
0.3474	0.34045428	0.94026107	0.362084843	2.761783653	1.063534406	2.937251938
0.3475	0.34054831	0.94022702	0.362197957	2.760921146	1.063572922	2.936440971
0.3476	0.34064233	0.94019296	0.362311080	2.760059116	1.063611451	2.935630481
0.3477	0.34073635	0.94015889	0.362424211	2.759197561	1.063649994	2.934820468
0.3478	0.34083036	0.94012481	0.362537351	2.758336481	1.063688550	2.934010931
0.3479	0.34092437	0.94009073	0.362650498	2.757475877	1.063727119	2.933201870
0.3480	0.34101838	0.94005663	0.362763654	2.756615747	1.063765702	2.932393284
0.3481	0.34111238	0.94002252	0.362876818	2.755756091	1.063804298	2.931585174
0.3482	0.34120638	0.93998841	0.362989990	2.754896908	1.063842908	2.930777538
0.3483	0.34130038	0.93995428	0.363103170	2.754038199	1.063881531	2.929970376
0.3484	0.34139437	0.93992015	0.363216358	2.753179963	1.063920168	2.929163687
0.3485	0.34148836	0.93988600	0.363329555	2.752322199	1.063958818	2.928357472
0.3486	0.34158235	0.93985185	0.363442760	2.751464907	1.063997481	2.927551731
0.3487	0.34167633	0.93981769	0.363555973	2.750608087	1.064036158	2.926746461
0.3488	0.34177031	0.93978351	0.363669195	2.749751738	1.064074848	2.925941664
0.3489	0.34186429	0.93974933	0.363782424	2.748895860	1.064113552	2.925137338
0.3490	0.34195826	0.93971514	0.363895662	2.748040452	1.064152270	2.924333484
0.3491	0.34205223	0.93968094	0.364008908	2.747185514	1.064191000	2.923530101
0.3492	0.34214620	0.93964673	0.364122163	2.746331046	1.064229745	2.922727188
0.3493	0.34224016	0.93961251	0.364235425	2.745477047	1.064268502	2.921924745
0.3494	0.34233412	0.93957828	0.364348696	2.744623517	1.064307273	2.921122773
0.3495	0.34242808	0.93954404	0.364461975	2.743770456	1.064346058	2.920321269
0.3496	0.34252203	0.93950980	0.364575263	2.742917862	1.064384856	2.919520234
0.3497	0.34261598	0.93947554	0.364688558	2.742065736	1.064423668	2.918719668
0.3498	0.34270993	0.93944127	0.364801862	2.741214077	1.064462493	2.917919570
0.3499	0.34280387	0.93940700	0.364915174	2.740362885	1.064501331	2.917119939

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.3500	0.34289781	0.93937271	0.365028495	2.739512159	1.064540183	2.916320776
0.3501	0.34299174	0.93933842	0.365141824	2.738661899	1.064579049	2.915522080
0.3502	0.34308568	0.93930411	0.365255161	2.737812105	1.064617928	2.914723850
0.3503	0.34317960	0.93926980	0.365368506	2.736962776	1.064656820	2.913926087
0.3504	0.34327353	0.93923548	0.365481859	2.736113912	1.064695726	2.913128789
0.3505	0.34336745	0.93920115	0.365595221	2.735265512	1.064734646	2.912331956
0.3506	0.34346137	0.93916681	0.365708591	2.734417576	1.064773579	2.911535588
0.3507	0.34355528	0.93913245	0.365821970	2.733570104	1.064812525	2.910739685
0.3508	0.34364920	0.93909809	0.365935356	2.732723095	1.064851485	2.909944246
0.3509	0.34374310	0.93906372	0.366048752	2.731876549	1.064890458	2.909149271
0.3510	0.34383701	0.93902935	0.366162155	2.731030465	1.064929445	2.908354758
0.3511	0.34393091	0.93899496	0.366275566	2.730184843	1.064968446	2.907560709
0.3512	0.34402481	0.93896056	0.366388986	2.729339683	1.065007460	2.906767123
0.3513	0.34411870	0.93892615	0.366502415	2.728494984	1.065046487	2.905973998
0.3514	0.34421259	0.93889174	0.366615851	2.727650746	1.065085528	2.905181335
0.3515	0.34430648	0.93885731	0.366729296	2.726806968	1.065124583	2.904389134
0.3516	0.34440036	0.93882287	0.366842749	2.725963651	1.065163651	2.903597394
0.3517	0.34449424	0.93878843	0.366956211	2.725120793	1.065202732	2.902806114
0.3518	0.34458812	0.93875398	0.367069681	2.724278394	1.065241827	2.902015294
0.3519	0.34468200	0.93871951	0.367183159	2.723436454	1.065280936	2.901224934
0.3520	0.34477587	0.93868504	0.367296645	2.722594972	1.065320058	2.900435034
0.3521	0.34486973	0.93865056	0.367410140	2.721753949	1.065359193	2.899645592
0.3522	0.34496360	0.93861606	0.367523643	2.720913383	1.065398343	2.898856609
0.3523	0.34505746	0.93858156	0.367637155	2.720073275	1.065437505	2.898068084
0.3524	0.34515131	0.93854705	0.367750675	2.719233624	1.065476681	2.897280017
0.3525	0.34524517	0.93851253	0.367864203	2.718394429	1.065515871	2.896492408
0.3526	0.34533901	0.93847800	0.367977740	2.717555690	1.065555075	2.895705256
0.3527	0.34543286	0.93844347	0.368091285	2.716717407	1.065594291	2.894918560
0.3528	0.34552670	0.93840892	0.368204838	2.715879579	1.065633522	2.894132320
0.3529	0.34562054	0.93837436	0.368318400	2.715042206	1.065672766	2.893346537
0.3530	0.34571438	0.93833979	0.368431970	2.714205288	1.065712023	2.892561209
0.3531	0.34580821	0.93830522	0.368545548	2.713368824	1.065751294	2.891776336
0.3532	0.34590204	0.93827063	0.368659135	2.712532814	1.065790579	2.890991917
0.3533	0.34599586	0.93823604	0.368772730	2.711697257	1.065829877	2.890207953
0.3534	0.34608969	0.93820143	0.368886333	2.710862153	1.065869188	2.889424443
0.3535	0.34618350	0.93816682	0.368999945	2.710027502	1.065908514	2.888641387
0.3536	0.34627732	0.93813220	0.369113566	2.709193303	1.065947853	2.887858784
0.3537	0.34637113	0.93809756	0.369227194	2.708359556	1.065987205	2.887076633
0.3538	0.34646494	0.93806292	0.369340831	2.707526261	1.066026571	2.886294935
0.3539	0.34655874	0.93802827	0.369454477	2.706693417	1.066065950	2.885513689
0.3540	0.34665255	0.93799361	0.369568131	2.705861023	1.066105343	2.884732895
0.3541	0.34674634	0.93795894	0.369681793	2.705029080	1.066144750	2.883952552
0.3542	0.34684014	0.93792426	0.369795464	2.704197586	1.066184170	2.883172660
0.3543	0.34693393	0.93788957	0.369909143	2.703366543	1.066223604	2.882393218
0.3544	0.34702771	0.93785487	0.370022830	2.702535948	1.066263051	2.881614227
0.3545	0.34712150	0.93782017	0.370136526	2.701705802	1.066302512	2.880835685
0.3546	0.34721528	0.93778545	0.370250230	2.700876105	1.066341987	2.880057592
0.3547	0.34730906	0.93775072	0.370363943	2.700046856	1.066381475	2.879279949
0.3548	0.34740283	0.93771599	0.370477664	2.699218054	1.066420977	2.878502754
0.3549	0.34749660	0.93768124	0.370591394	2.698389700	1.066460492	2.877726007

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.3550	0.34759037	0.93764649	0.370705132	2.697561793	1.066500021	2.876949709
0.3551	0.34768413	0.93761173	0.370818878	2.696734332	1.066539563	2.876173857
0.3552	0.34777789	0.93757695	0.370932633	2.695907318	1.066579120	2.875398453
0.3553	0.34787164	0.93754217	0.371046396	2.695080749	1.066618689	2.874623496
0.3554	0.34796540	0.93750738	0.371160168	2.694254625	1.066658273	2.873848985
0.3555	0.34805915	0.93747258	0.371273948	2.693428947	1.066697869	2.873074919
0.3556	0.34815289	0.93743777	0.371387737	2.692603713	1.066737480	2.872301300
0.3557	0.34824663	0.93740295	0.371501534	2.691778924	1.066777104	2.871528125
0.3558	0.34834037	0.93736812	0.371615340	2.690954578	1.066816742	2.870755396
0.3559	0.34843411	0.93733328	0.371729154	2.690130676	1.066856393	2.869983111
0.3560	0.34852784	0.93729843	0.371842976	2.689307218	1.066896058	2.869211270
0.3561	0.34862157	0.93726357	0.371956807	2.688484202	1.066935737	2.868439873
0.3562	0.34871529	0.93722871	0.372070647	2.687661628	1.066975429	2.867668919
0.3563	0.34880901	0.93719383	0.372184495	2.686839497	1.067015135	2.866898408
0.3564	0.34890273	0.93715894	0.372298351	2.686017807	1.067054854	2.866128339
0.3565	0.34899644	0.93712405	0.372412216	2.685196558	1.067094587	2.865358713
0.3566	0.34909015	0.93708914	0.372526089	2.684375750	1.067134334	2.864589529
0.3567	0.34918386	0.93705423	0.372639971	2.683555383	1.067174094	2.863820786
0.3568	0.34927756	0.93701931	0.372753861	2.682735456	1.067213868	2.863052485
0.3569	0.34937127	0.93698438	0.372867760	2.681915969	1.067253656	2.862284624
0.3570	0.34946496	0.93694943	0.372981667	2.681096922	1.067293457	2.861517203
0.3571	0.34955865	0.93691448	0.373095583	2.680278313	1.067333272	2.860750222
0.3572	0.34965234	0.93687952	0.373209507	2.679460143	1.067373101	2.859983682
0.3573	0.34974603	0.93684455	0.373323440	2.678642412	1.067412943	2.859217580
0.3574	0.34983971	0.93680957	0.373437381	2.677825118	1.067452799	2.858451917
0.3575	0.34993339	0.93677458	0.373551331	2.677008262	1.067492668	2.857686693
0.3576	0.35002707	0.93673959	0.373665290	2.676191843	1.067532552	2.856921907
0.3577	0.35012074	0.93670458	0.373779256	2.675375861	1.067572448	2.856157559
0.3578	0.35021441	0.93666956	0.373893232	2.674560316	1.067612359	2.855393648
0.3579	0.35030807	0.93663454	0.374007216	2.673745207	1.067652283	2.854630174
0.3580	0.35040174	0.93659950	0.374121208	2.672930533	1.067692221	2.853867137
0.3581	0.35049539	0.93656446	0.374235209	2.672116295	1.067732172	2.853104536
0.3582	0.35058905	0.93652940	0.374349218	2.671302492	1.067772137	2.852342371
0.3583	0.35068270	0.93649434	0.374463236	2.670489123	1.067812116	2.851580642
0.3584	0.35077635	0.93645926	0.374577263	2.669676189	1.067852109	2.850819348
0.3585	0.35086999	0.93642418	0.374691298	2.668863689	1.067892115	2.850058489
0.3586	0.35096363	0.93638909	0.374805342	2.668051623	1.067932135	2.849298065
0.3587	0.35105727	0.93635399	0.374919394	2.667239989	1.067972168	2.848538074
0.3588	0.35115090	0.93631888	0.375033455	2.666428789	1.068012215	2.847778517
0.3589	0.35124453	0.93628376	0.375147524	2.665618021	1.068052276	2.847019394
0.3590	0.35133816	0.93624863	0.375261602	2.664807685	1.068092351	2.846260704
0.3591	0.35143178	0.93621349	0.375375688	2.663997780	1.068132439	2.845502447
0.3592	0.35152540	0.93617834	0.375489783	2.663188308	1.068172541	2.844744622
0.3593	0.35161902	0.93614319	0.375603887	2.662379266	1.068212657	2.843987228
0.3594	0.35171263	0.93610802	0.375717999	2.661570655	1.068252786	2.843230267
0.3595	0.35180624	0.93607284	0.375832119	2.660762474	1.068292929	2.842473737
0.3596	0.35189985	0.93603766	0.375946249	2.659954723	1.068333086	2.841717637
0.3597	0.35199345	0.93600246	0.376060387	2.659147402	1.068373256	2.840961968
0.3598	0.35208705	0.93596726	0.376174533	2.658340510	1.068413440	2.840206730
0.3599	0.35218064	0.93593205	0.376288688	2.657534047	1.068453638	2.839451921

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.3600	0.35227423	0.93589682	0.376402852	2.656728013	1.068493850	2.838697542
0.3601	0.35236782	0.93586159	0.376517024	2.655922406	1.068534075	2.837943591
0.3602	0.35246141	0.93582635	0.376631205	2.655117228	1.068574314	2.837190070
0.3603	0.35255499	0.93579110	0.376745394	2.654312477	1.068614567	2.836436977
0.3604	0.35264856	0.93575584	0.376859592	2.653508153	1.068654833	2.835684312
0.3605	0.35274214	0.93572057	0.376973799	2.652704255	1.068695113	2.834932074
0.3606	0.35283571	0.93568529	0.377088014	2.651900785	1.068735407	2.834180264
0.3607	0.35292927	0.93565000	0.377202238	2.651097740	1.068775715	2.833428881
0.3608	0.35302284	0.93561470	0.377316470	2.650295121	1.068816036	2.832677925
0.3609	0.35311640	0.93557940	0.377430711	2.649492927	1.068856371	2.831927395
0.3610	0.35320995	0.93554408	0.377544961	2.648691158	1.068896720	2.831177291
0.3611	0.35330351	0.93550876	0.377659219	2.647889814	1.068937082	2.830427612
0.3612	0.35339706	0.93547342	0.377773486	2.647088894	1.068977459	2.829678358
0.3613	0.35349060	0.93543808	0.377887762	2.646288398	1.069017849	2.828929530
0.3614	0.35358414	0.93540272	0.378002046	2.645488325	1.069058252	2.828181126
0.3615	0.35367768	0.93536736	0.378116339	2.644688676	1.069098670	2.827433146
0.3616	0.35377122	0.93533199	0.378230641	2.643889449	1.069139101	2.826685589
0.3617	0.35386475	0.93529661	0.378344951	2.643090645	1.069179546	2.825938457
0.3618	0.35395828	0.93526121	0.378459270	2.642292264	1.069220005	2.825191747
0.3619	0.35405180	0.93522581	0.378573597	2.641494304	1.069260477	2.824445460
0.3620	0.35414532	0.93519040	0.378687933	2.640696765	1.069300964	2.823699595
0.3621	0.35423884	0.93515498	0.378802278	2.639899648	1.069341464	2.822954153
0.3622	0.35433235	0.93511956	0.378916631	2.639102951	1.069381977	2.822209132
0.3623	0.35442586	0.93508412	0.379030993	2.638306675	1.069422505	2.821464533
0.3624	0.35451937	0.93504867	0.379145364	2.637510818	1.069463046	2.820720354
0.3625	0.35461287	0.93501321	0.379259744	2.636715382	1.069503601	2.819976597
0.3626	0.35470637	0.93497775	0.379374132	2.635920365	1.069544170	2.819233259
0.3627	0.35479987	0.93494227	0.379488529	2.635125767	1.069584753	2.818490342
0.3628	0.35489336	0.93490679	0.379602934	2.634331587	1.069625349	2.817747844
0.3629	0.35498685	0.93487129	0.379717348	2.633537826	1.069665959	2.817005765
0.3630	0.35508033	0.93483579	0.379831771	2.632744483	1.069706583	2.816264105
0.3631	0.35517382	0.93480028	0.379946203	2.631951557	1.069747221	2.815522864
0.3632	0.35526729	0.93476476	0.380060643	2.631159049	1.069787873	2.814782041
0.3633	0.35536077	0.93472922	0.380175092	2.630366957	1.069828538	2.814041636
0.3634	0.35545424	0.93469368	0.380289550	2.629575283	1.069869217	2.813301649
0.3635	0.35554771	0.93465813	0.380404016	2.628784024	1.069909910	2.812562078
0.3636	0.35564117	0.93462257	0.380518491	2.627993181	1.069950617	2.811822925
0.3637	0.35573463	0.93458701	0.380632975	2.627202754	1.069991337	2.811084188
0.3638	0.35582809	0.93455143	0.380747467	2.626412742	1.070032071	2.810345867
0.3639	0.35592154	0.93451584	0.380861969	2.625623145	1.070072820	2.809607962
0.3640	0.35601499	0.93448024	0.380976479	2.624833963	1.070113581	2.808870473
0.3641	0.35610844	0.93444464	0.381090997	2.624045195	1.070154357	2.808133398
0.3642	0.35620188	0.93440902	0.381205525	2.623256840	1.070195147	2.807396739
0.3643	0.35629532	0.93437340	0.381320061	2.622468899	1.070235950	2.806660494
0.3644	0.35638876	0.93433776	0.381434606	2.621681371	1.070276767	2.805924663
0.3645	0.35648219	0.93430212	0.381549159	2.620894256	1.070317598	2.805189246
0.3646	0.35657562	0.93426647	0.381663722	2.620107554	1.070358443	2.804454242
0.3647	0.35666904	0.93423080	0.381778293	2.619321264	1.070399302	2.803719651
0.3648	0.35676246	0.93419513	0.381892873	2.618535385	1.070440174	2.802985473
0.3649	0.35685588	0.93415945	0.382007461	2.617749918	1.070481060	2.802251708

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.3650	0.35694929	0.93412376	0.382122058	2.616964862	1.070521960	2.801518354
0.3651	0.35704271	0.93408806	0.382236665	2.616180217	1.070562874	2.800785413
0.3652	0.35713611	0.93405235	0.382351279	2.615395982	1.070603802	2.800052882
0.3653	0.35722952	0.93401663	0.382465903	2.614612157	1.070644744	2.799320763
0.3654	0.35732292	0.93398091	0.382580535	2.613828743	1.070685699	2.798589054
0.3655	0.35741631	0.93394517	0.382695177	2.613045737	1.070726668	2.797857756
0.3656	0.35750970	0.93390942	0.382809827	2.612263141	1.070767651	2.797126868
0.3657	0.35760309	0.93387367	0.382924485	2.611480953	1.070808648	2.796396390
0.3658	0.35769648	0.93383790	0.383039153	2.610699174	1.070849659	2.795666321
0.3659	0.35778986	0.93380213	0.383153829	2.609917803	1.070890684	2.794936661
0.3660	0.35788324	0.93376634	0.383268514	2.609136840	1.070931722	2.794207410
0.3661	0.35797661	0.93373055	0.383383208	2.608356284	1.070972775	2.793478567
0.3662	0.35806999	0.93369475	0.383497911	2.607576135	1.071013841	2.792750132
0.3663	0.35816335	0.93365894	0.383612622	2.606796393	1.071054921	2.792022105
0.3664	0.35825672	0.93362312	0.383727342	2.606017058	1.071096015	2.791294486
0.3665	0.35835008	0.93358729	0.383842072	2.605238128	1.071137123	2.790567273
0.3666	0.35844343	0.93355145	0.383956809	2.604459605	1.071178245	2.789840467
0.3667	0.35853679	0.93351560	0.384071556	2.603681486	1.071219380	2.789114067
0.3668	0.35863014	0.93347974	0.384186312	2.602903773	1.071260529	2.788388074
0.3669	0.35872348	0.93344387	0.384301076	2.602126464	1.071301693	2.787662486
0.3670	0.35881683	0.93340799	0.384415849	2.601349560	1.071342870	2.786937304
0.3671	0.35891017	0.93337211	0.384530631	2.600573060	1.071384061	2.786212526
0.3672	0.35900350	0.93333621	0.384645422	2.599796964	1.071425266	2.785488154
0.3673	0.35909683	0.93330031	0.384760221	2.599021271	1.071466485	2.784764186
0.3674	0.35919016	0.93326439	0.384875030	2.598245982	1.071507717	2.784040621
0.3675	0.35928349	0.93322847	0.384989847	2.597471095	1.071548964	2.783317461
0.3676	0.35937681	0.93319254	0.385104673	2.596696610	1.071590225	2.782594704
0.3677	0.35947012	0.93315659	0.385219508	2.595922528	1.071631499	2.781872350
0.3678	0.35956344	0.93312064	0.385334352	2.595148848	1.071672787	2.781150399
0.3679	0.35965675	0.93308468	0.385449205	2.594375569	1.071714089	2.780428850
0.3680	0.35975006	0.93304871	0.385564066	2.593602691	1.071755406	2.779707703
0.3681	0.35984336	0.93301273	0.385678937	2.592830213	1.071796736	2.778986959
0.3682	0.35993666	0.93297674	0.385793816	2.592058137	1.071838079	2.778266615
0.3683	0.36002995	0.93294074	0.385908704	2.591286460	1.071879437	2.777546673
0.3684	0.36012325	0.93290474	0.386023601	2.590515184	1.071920809	2.776827131
0.3685	0.36021653	0.93286872	0.386138507	2.589744306	1.071962195	2.776107990
0.3686	0.36030982	0.93283269	0.386253422	2.588973828	1.072003594	2.775389249
0.3687	0.36040310	0.93279666	0.386368345	2.588203749	1.072045008	2.774670908
0.3688	0.36049638	0.93276061	0.386483278	2.587434069	1.072086435	2.773952966
0.3689	0.36058965	0.93272456	0.386598219	2.586664786	1.072127876	2.773235424
0.3690	0.36068292	0.93268849	0.386713169	2.585895901	1.072169332	2.772518280
0.3691	0.36077619	0.93265242	0.386828129	2.585127414	1.072210801	2.771801535
0.3692	0.36086945	0.93261634	0.386943097	2.584359325	1.072252284	2.771085188
0.3693	0.36096271	0.93258025	0.387058074	2.583591632	1.072293781	2.770369239
0.3694	0.36105597	0.93254415	0.387173059	2.582824335	1.072335292	2.769653687
0.3695	0.36114922	0.93250804	0.387288054	2.582057435	1.072376817	2.768938533
0.3696	0.36124247	0.93247192	0.387403058	2.581290931	1.072418356	2.768223775
0.3697	0.36133572	0.93243579	0.387518070	2.580524823	1.072459908	2.767509415
0.3698	0.36142896	0.93239965	0.387633092	2.579759109	1.072501475	2.766795450
0.3699	0.36152220	0.93236350	0.387748122	2.578993791	1.072543056	2.766081881

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.3700	0.36161543	0.93232735	0.387863162	2.578228867	1.072584650	2.765368708
0.3701	0.36170866	0.93229118	0.387978210	2.577464338	1.072626259	2.764655931
0.3702	0.36180189	0.93225500	0.388093267	2.576700203	1.072667881	2.763943548
0.3703	0.36189511	0.93221882	0.388208333	2.575936461	1.072709518	2.763231560
0.3704	0.36198833	0.93218262	0.388323408	2.575173113	1.072751168	2.762519966
0.3705	0.36208155	0.93214642	0.388438492	2.574410158	1.072792833	2.761808766
0.3706	0.36217476	0.93211021	0.388553585	2.573647595	1.072834511	2.761097960
0.3707	0.36226797	0.93207399	0.388668687	2.572885425	1.072876204	2.760387547
0.3708	0.36236118	0.93203775	0.388783798	2.572123647	1.072917910	2.759677528
0.3709	0.36245438	0.93200151	0.388898918	2.571362261	1.072959630	2.758967901
0.3710	0.36254758	0.93196526	0.389014046	2.570601267	1.073001364	2.758258667
0.3711	0.36264077	0.93192900	0.389129184	2.569840663	1.073043113	2.757549824
0.3712	0.36273396	0.93189274	0.389244331	2.569080450	1.073084875	2.756841374
0.3713	0.36282715	0.93185646	0.389359486	2.568320628	1.073126651	2.756133315
0.3714	0.36292034	0.93182017	0.389474651	2.567561196	1.073168441	2.755425647
0.3715	0.36301352	0.93178387	0.389589824	2.566802154	1.073210246	2.754718370
0.3716	0.36310669	0.93174757	0.389705007	2.566043501	1.073252064	2.754011483
0.3717	0.36319987	0.93171125	0.389820198	2.565285238	1.073293896	2.753304987
0.3718	0.36329303	0.93167493	0.389935399	2.564527363	1.073335742	2.752598881
0.3719	0.36338620	0.93163859	0.390050608	2.563769878	1.073377602	2.751893164
0.3720	0.36347936	0.93160225	0.390165827	2.563012780	1.073419476	2.751187836
0.3721	0.36357252	0.93156590	0.390281054	2.562256071	1.073461365	2.750482898
0.3722	0.36366568	0.93152954	0.390396290	2.561499749	1.073503267	2.749778348
0.3723	0.36375883	0.93149316	0.390511536	2.560743814	1.073545183	2.749074186
0.3724	0.36385197	0.93145678	0.390626790	2.559988267	1.073587113	2.748370413
0.3725	0.36394512	0.93142039	0.390742054	2.559233106	1.073629057	2.747667027
0.3726	0.36403826	0.93138400	0.390857326	2.558478332	1.073671015	2.746964029
0.3727	0.36413139	0.93134759	0.390972608	2.557723944	1.073712988	2.746261417
0.3728	0.36422453	0.93131117	0.391087898	2.556969941	1.073754974	2.745559193
0.3729	0.36431766	0.93127474	0.391203198	2.556216325	1.073796974	2.744857355
0.3730	0.36441078	0.93123831	0.391318506	2.555463093	1.073838989	2.744155903
0.3731	0.36450390	0.93120186	0.391433824	2.554710246	1.073881017	2.743454837
0.3732	0.36459702	0.93116540	0.391549150	2.553957784	1.073923059	2.742754156
0.3733	0.36469014	0.93112894	0.391664486	2.553205706	1.073965116	2.742053861
0.3734	0.36478325	0.93109247	0.391779830	2.552454012	1.074007186	2.741353951
0.3735	0.36487636	0.93105598	0.391895184	2.551702702	1.074049270	2.740654425
0.3736	0.36496946	0.93101949	0.392010547	2.550951775	1.074091369	2.739955284
0.3737	0.36506256	0.93098299	0.392125919	2.550201231	1.074133481	2.739256526
0.3738	0.36515566	0.93094648	0.392241299	2.549451069	1.074175608	2.738558152
0.3739	0.36524875	0.93090996	0.392356689	2.548701290	1.074217749	2.737860162
0.3740	0.36534184	0.93087343	0.392472088	2.547951893	1.074259903	2.737162555
0.3741	0.36543492	0.93083689	0.392587496	2.547202878	1.074302072	2.736465330
0.3742	0.36552801	0.93080034	0.392702913	2.546454245	1.074344255	2.735768488
0.3743	0.36562108	0.93076378	0.392818339	2.545705992	1.074386452	2.735072028
0.3744	0.36571416	0.93072722	0.392933774	2.544958121	1.074428663	2.734375950
0.3745	0.36580723	0.93069064	0.393049219	2.544210630	1.074470888	2.733680254
0.3746	0.36590030	0.93065406	0.393164672	2.543463519	1.074513127	2.732984939
0.3747	0.36599336	0.93061746	0.393280134	2.542716789	1.074555380	2.732290004
0.3748	0.36608642	0.93058086	0.393395606	2.541970437	1.074597647	2.731595450
0.3749	0.36617948	0.93054424	0.393511086	2.541224466	1.074639928	2.730901277

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.3750	0.36627253	0.93050762	0.393626576	2.540478873	1.074682223	2.730207484
0.3751	0.36636558	0.93047099	0.393742075	2.539733659	1.074724533	2.729514070
0.3752	0.36645862	0.93043435	0.393857582	2.538988824	1.074766856	2.728821036
0.3753	0.36655166	0.93039770	0.393973099	2.538244366	1.074809194	2.728128381
0.3754	0.36664470	0.93036104	0.394088625	2.537500287	1.074851545	2.727436104
0.3755	0.36673774	0.93032437	0.394204161	2.536756584	1.074893911	2.726744207
0.3756	0.36683077	0.93028769	0.394319705	2.536013260	1.074936291	2.726052687
0.3757	0.36692379	0.93025100	0.394435258	2.535270312	1.074978685	2.725361545
0.3758	0.36701682	0.93021431	0.394550821	2.534527740	1.075021093	2.724670781
0.3759	0.36710984	0.93017760	0.394666392	2.533785545	1.075063515	2.723980395
0.3760	0.36720285	0.93014088	0.394781973	2.533043726	1.075105951	2.723290385
0.3761	0.36729587	0.93010416	0.394897563	2.532302283	1.075148401	2.722600752
0.3762	0.36738887	0.93006743	0.395013162	2.531561215	1.075190866	2.721911495
0.3763	0.36748188	0.93003068	0.395128770	2.530820523	1.075233344	2.721222615
0.3764	0.36757488	0.92999393	0.395244387	2.530080205	1.075275837	2.720534110
0.3765	0.36766788	0.92995717	0.395360014	2.529340261	1.075318344	2.719845981
0.3766	0.36776087	0.92992040	0.395475649	2.528600692	1.075360865	2.719158227
0.3767	0.36785386	0.92988361	0.395591294	2.527861497	1.075403400	2.718470847
0.3768	0.36794685	0.92984682	0.395706948	2.527122675	1.075445949	2.717783843
0.3769	0.36803983	0.92981002	0.395822611	2.526384227	1.075488512	2.717097213
0.3770	0.36813281	0.92977322	0.395938283	2.525646152	1.075531089	2.716410956
0.3771	0.36822579	0.92973640	0.396053964	2.524908449	1.075573681	2.715725074
0.3772	0.36831876	0.92969957	0.396169654	2.524171119	1.075616286	2.715039565
0.3773	0.36841173	0.92966273	0.396285354	2.523434161	1.075658906	2.714354429
0.3774	0.36850469	0.92962589	0.396401063	2.522697575	1.075701540	2.713669666
0.3775	0.36859765	0.92958903	0.396516781	2.521961361	1.075744188	2.712985275
0.3776	0.36869061	0.92955217	0.396632508	2.521225517	1.075786850	2.712301257
0.3777	0.36878356	0.92951530	0.396748244	2.520490045	1.075829526	2.711617611
0.3778	0.36887651	0.92947841	0.396863990	2.519754943	1.075872217	2.710934336
0.3779	0.36896946	0.92944152	0.396979744	2.519020212	1.075914921	2.710251432
0.3780	0.36906240	0.92940462	0.397095508	2.518285850	1.075957640	2.709568900
0.3781	0.36915534	0.92936771	0.397211281	2.517551859	1.076000373	2.708886739
0.3782	0.36924827	0.92933079	0.397327064	2.516818237	1.076043120	2.708204947
0.3783	0.36934120	0.92929386	0.397442855	2.516084984	1.076085881	2.707523527
0.3784	0.36943413	0.92925692	0.397558656	2.515352100	1.076128656	2.706842476
0.3785	0.36952706	0.92921997	0.397674466	2.514619585	1.076171446	2.706161794
0.3786	0.36961998	0.92918301	0.397790285	2.513887438	1.076214249	2.705481482
0.3787	0.36971289	0.92914605	0.397906113	2.513155659	1.076257067	2.704801539
0.3788	0.36980581	0.92910907	0.398021951	2.512424247	1.076299899	2.704121964
0.3789	0.36989871	0.92907209	0.398137798	2.511693203	1.076342746	2.703442758
0.3790	0.36999162	0.92903509	0.398253653	2.510962527	1.076385606	2.702763921
0.3791	0.37008452	0.92899809	0.398369519	2.510232217	1.076428480	2.702085450
0.3792	0.37017742	0.92896107	0.398485393	2.509502273	1.076471369	2.701407348
0.3793	0.37027031	0.92892405	0.398601277	2.508772696	1.076514272	2.700729613
0.3794	0.37036320	0.92888702	0.398717170	2.508043485	1.076557189	2.700052245
0.3795	0.37045609	0.92884998	0.398833072	2.507314640	1.076600120	2.699375243
0.3796	0.37054897	0.92881293	0.398948983	2.506586160	1.076643066	2.698698608
0.3797	0.37064185	0.92877587	0.399064904	2.505858045	1.076686026	2.698022339
0.3798	0.37073473	0.92873880	0.399180834	2.505130295	1.076728999	2.697346436
0.3799	0.37082760	0.92870172	0.399296773	2.504402909	1.076771987	2.696670898

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.3800	0.37092047	0.92866464	0.399412721	2.503675888	1.076814990	2.695995725
0.3801	0.37101333	0.92862754	0.399528679	2.502949230	1.076858006	2.695320918
0.3802	0.37110619	0.92859043	0.399644646	2.502222937	1.076901037	2.694646475
0.3803	0.37119905	0.92855332	0.399760622	2.501497006	1.076944082	2.693972397
0.3804	0.37129191	0.92851619	0.399876608	2.500771439	1.076987141	2.693298682
0.3805	0.37138476	0.92847906	0.399992603	2.500046235	1.077030214	2.692625332
0.3806	0.37147760	0.92844192	0.400108607	2.499321393	1.077073302	2.691952344
0.3807	0.37157044	0.92840476	0.400224620	2.498596913	1.077116403	2.691279721
0.3808	0.37166328	0.92836760	0.400340643	2.497872795	1.077159519	2.690607460
0.3809	0.37175612	0.92833043	0.400456674	2.497149039	1.077202650	2.689935562
0.3810	0.37184895	0.92829325	0.400572716	2.496425645	1.077245794	2.689264026
0.3811	0.37194178	0.92825606	0.400688766	2.495702611	1.077288953	2.688592852
0.3812	0.37203460	0.92821886	0.400804826	2.494979938	1.077332125	2.687922040
0.3813	0.37212742	0.92818165	0.400920895	2.494257626	1.077375313	2.687251589
0.3814	0.37222024	0.92814444	0.401036973	2.493535674	1.077418514	2.686581500
0.3815	0.37231305	0.92810721	0.401153061	2.492814082	1.077461729	2.685911772
0.3816	0.37240586	0.92806997	0.401269158	2.492092850	1.077504959	2.685242404
0.3817	0.37249866	0.92803273	0.401385265	2.491371976	1.077548203	2.684573397
0.3818	0.37259146	0.92799547	0.401501380	2.490651463	1.077591462	2.683904750
0.3819	0.37268426	0.92795821	0.401617505	2.489931307	1.077634734	2.683236463
0.3820	0.37277706	0.92792094	0.401733640	2.489211511	1.077678021	2.682568535
0.3821	0.37286985	0.92788366	0.401849783	2.488492073	1.077721322	2.681900967
0.3822	0.37296263	0.92784636	0.401965936	2.487772992	1.077764638	2.681233757
0.3823	0.37305542	0.92780906	0.402082099	2.487054270	1.077807967	2.680566906
0.3824	0.37314819	0.92777175	0.402198270	2.486335904	1.077851311	2.679900414
0.3825	0.37324097	0.92773443	0.402314451	2.485617896	1.077894669	2.679234280
0.3826	0.37333374	0.92769710	0.402430642	2.484900245	1.077938042	2.678568503
0.3827	0.37342651	0.92765977	0.402546841	2.484182950	1.077981428	2.677903085
0.3828	0.37351927	0.92762242	0.402663050	2.483466012	1.078024829	2.677238023
0.3829	0.37361203	0.92758506	0.402779269	2.482749430	1.078068244	2.676573319
0.3830	0.37370479	0.92754770	0.402895497	2.482033203	1.078111674	2.675908971
0.3831	0.37379754	0.92751032	0.403011734	2.481317332	1.078155118	2.675244980
0.3832	0.37389029	0.92747294	0.403127980	2.480601816	1.078198576	2.674581344
0.3833	0.37398304	0.92743554	0.403244236	2.479886654	1.078242048	2.673918065
0.3834	0.37407578	0.92739814	0.403360502	2.479171848	1.078285535	2.673255142
0.3835	0.37416852	0.92736073	0.403476776	2.478457396	1.078329036	2.672592573
0.3836	0.37426125	0.92732331	0.403593060	2.477743298	1.078372551	2.671930360
0.3837	0.37435398	0.92728588	0.403709354	2.477029553	1.078416080	2.671268502
0.3838	0.37444671	0.92724844	0.403825656	2.476316162	1.078459624	2.670606998
0.3839	0.37453943	0.92721099	0.403941969	2.475603125	1.078503182	2.669945848
0.3840	0.37463215	0.92717353	0.404058290	2.474890440	1.078546755	2.669285052
0.3841	0.37472487	0.92713606	0.404174621	2.474178108	1.078590341	2.668624610
0.3842	0.37481758	0.92709858	0.404290962	2.473466129	1.078633942	2.667964522
0.3843	0.37491029	0.92706110	0.404407312	2.472754501	1.078677558	2.667304786
0.3844	0.37500299	0.92702360	0.404523671	2.472043226	1.078721187	2.666645404
0.3845	0.37509569	0.92698610	0.404640039	2.471332302	1.078764831	2.665986374
0.3846	0.37518839	0.92694858	0.404756418	2.470621729	1.078808490	2.665327696
0.3847	0.37528108	0.92691106	0.404872805	2.469911507	1.078852162	2.664669370
0.3848	0.37537377	0.92687353	0.404989202	2.469201636	1.078895849	2.664011396
0.3849	0.37546646	0.92683598	0.405105608	2.468492116	1.078939551	2.663353774

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.3850	0.37555914	0.92679843	0.405222024	2.467782945	1.078983266	2.662696503
0.3851	0.37565181	0.92676087	0.405338449	2.467074125	1.079026996	2.662039582
0.3852	0.37574449	0.92672330	0.405454884	2.466365654	1.079070740	2.661383013
0.3853	0.37583716	0.92668572	0.405571328	2.465657533	1.079114499	2.660726794
0.3854	0.37592983	0.92664813	0.405687781	2.464949761	1.079158272	2.660070925
0.3855	0.37602249	0.92661054	0.405804244	2.464242338	1.079202059	2.659415405
0.3856	0.37611515	0.92657293	0.405920717	2.463535263	1.079245861	2.658760236
0.3857	0.37620780	0.92653531	0.406037199	2.462828536	1.079289677	2.658105415
0.3858	0.37630046	0.92649769	0.406153690	2.462122158	1.079333507	2.657450944
0.3859	0.37639310	0.92646005	0.406270191	2.461416127	1.079377352	2.656796821
0.3860	0.37648575	0.92642241	0.406386701	2.460710444	1.079421211	2.656143047
0.3861	0.37657839	0.92638476	0.406503221	2.460005108	1.079465085	2.655489622
0.3862	0.37667102	0.92634709	0.406619750	2.459300119	1.079508972	2.654836544
0.3863	0.37676366	0.92630942	0.406736289	2.458595476	1.079552874	2.654183814
0.3864	0.37685629	0.92627174	0.406852837	2.457891180	1.079596791	2.653531431
0.3865	0.37694891	0.92623405	0.406969395	2.457187230	1.079640722	2.652879395
0.3866	0.37704153	0.92619635	0.407085962	2.456483626	1.079684667	2.652227706
0.3867	0.37713415	0.92615864	0.407202539	2.455780368	1.079728627	2.651576364
0.3868	0.37722676	0.92612093	0.407319125	2.455077455	1.079772601	2.650925368
0.3869	0.37731937	0.92608320	0.407435720	2.454374887	1.079816589	2.650274719
0.3870	0.37741198	0.92604546	0.407552325	2.453672664	1.079860592	2.649624415
0.3871	0.37750458	0.92600772	0.407668940	2.452970785	1.079904609	2.648974456
0.3872	0.37759718	0.92596996	0.407785564	2.452269250	1.079948641	2.648324843
0.3873	0.37768978	0.92593220	0.407902198	2.451568060	1.079992687	2.647675575
0.3874	0.37778237	0.92589442	0.408018841	2.450867213	1.080036747	2.647026652
0.3875	0.37787496	0.92585664	0.408135494	2.450166710	1.080080822	2.646378073
0.3876	0.37796754	0.92581885	0.408252156	2.449466550	1.080124911	2.645729838
0.3877	0.37806012	0.92578105	0.408368828	2.448766732	1.080169014	2.645081948
0.3878	0.37815270	0.92574324	0.408485509	2.448067258	1.080213132	2.644434401
0.3879	0.37824527	0.92570542	0.408602200	2.447368126	1.080257265	2.643787197
0.3880	0.37833784	0.92566759	0.408718900	2.446669336	1.080301411	2.643140336
0.3881	0.37843040	0.92562975	0.408835610	2.445970887	1.080345573	2.642493819
0.3882	0.37852296	0.92559190	0.408952330	2.445272781	1.080389748	2.641847644
0.3883	0.37861552	0.92555404	0.409069058	2.444575015	1.080433938	2.641201811
0.3884	0.37870807	0.92551618	0.409185797	2.443877591	1.080478143	2.640556320
0.3885	0.37880062	0.92547830	0.409302545	2.443180508	1.080522361	2.639911172
0.3886	0.37889317	0.92544042	0.409419303	2.442483765	1.080566595	2.639266364
0.3887	0.37898571	0.92540252	0.409536070	2.441787362	1.080610842	2.638621898
0.3888	0.37907825	0.92536462	0.409652847	2.441091300	1.080655104	2.637977774
0.3889	0.37917079	0.92532671	0.409769633	2.440395577	1.080699381	2.637333989
0.3890	0.37926332	0.92528879	0.409886429	2.439700194	1.080743672	2.636690546
0.3891	0.37935584	0.92525085	0.410003234	2.439005149	1.080787977	2.636047442
0.3892	0.37944837	0.92521291	0.410120049	2.438310444	1.080832297	2.635404679
0.3893	0.37954089	0.92517497	0.410236874	2.437616078	1.080876632	2.634762255
0.3894	0.37963340	0.92513701	0.410353708	2.436922050	1.080920980	2.634120171
0.3895	0.37972591	0.92509904	0.410470552	2.436228360	1.080965344	2.633478426
0.3896	0.37981842	0.92506106	0.410587406	2.435535008	1.081009721	2.632837020
0.3897	0.37991093	0.92502307	0.410704269	2.434841994	1.081054113	2.632195953
0.3898	0.38000343	0.92498508	0.410821141	2.434149317	1.081098520	2.631555224
0.3899	0.38009592	0.92494707	0.410938023	2.433456977	1.081142941	2.630914833

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.3900	0.38018842	0.92490906	0.411054915	2.432764974	1.081187377	2.630274780
0.3901	0.38028090	0.92487104	0.411171817	2.432073308	1.081231827	2.629635065
0.3902	0.38037339	0.92483300	0.411288728	2.431381978	1.081276291	2.628995687
0.3903	0.38046587	0.92479496	0.411405648	2.430690984	1.081320770	2.628356646
0.3904	0.38055835	0.92475691	0.411522579	2.430000326	1.081365263	2.627717942
0.3905	0.38065082	0.92471885	0.411639518	2.429310004	1.081409771	2.627079575
0.3906	0.38074329	0.92468078	0.411756468	2.428620017	1.081454293	2.626441544
0.3907	0.38083576	0.92464270	0.411873427	2.427930365	1.081498830	2.625803849
0.3908	0.38092822	0.92460461	0.411990396	2.427241047	1.081543382	2.625166490
0.3909	0.38102068	0.92456652	0.412107374	2.426552065	1.081587947	2.624529467
0.3910	0.38111313	0.92452841	0.412224362	2.425863416	1.081632528	2.623892779
0.3911	0.38120558	0.92449029	0.412341360	2.425175102	1.081677122	2.623256426
0.3912	0.38129803	0.92445217	0.412458367	2.424487121	1.081721732	2.622620407
0.3913	0.38139048	0.92441403	0.412575384	2.423799474	1.081766355	2.621984724
0.3914	0.38148291	0.92437589	0.412692411	2.423112160	1.081810994	2.621349374
0.3915	0.38157535	0.92433774	0.412809447	2.422425180	1.081855647	2.620714359
0.3916	0.38166778	0.92429957	0.412926493	2.421738532	1.081900314	2.620079677
0.3917	0.38176021	0.92426140	0.413043549	2.421052216	1.081944996	2.619445329
0.3918	0.38185263	0.92422322	0.413160614	2.420366233	1.081989692	2.618811314
0.3919	0.38194506	0.92418503	0.413277689	2.419680581	1.082034403	2.618177633
0.3920	0.38203747	0.92414683	0.413394774	2.418995262	1.082079128	2.617544284
0.3921	0.38212988	0.92410863	0.413511869	2.418310274	1.082123868	2.616911267
0.3922	0.38222229	0.92407041	0.413628973	2.417625617	1.082168622	2.616278583
0.3923	0.38231470	0.92403218	0.413746086	2.416941291	1.082213391	2.615646231
0.3924	0.38240710	0.92399394	0.413863210	2.416257296	1.082258175	2.615014210
0.3925	0.38249950	0.92395570	0.413980343	2.415573631	1.082302973	2.614382521
0.3926	0.38259189	0.92391744	0.414097486	2.414890296	1.082347785	2.613751163
0.3927	0.38268428	0.92387918	0.414214638	2.414207292	1.082392612	2.613120137
0.3928	0.38277667	0.92384091	0.414331800	2.413524617	1.082437454	2.612489440
0.3929	0.38286905	0.92380263	0.414448972	2.412842272	1.082482310	2.611859075
0.3930	0.38296143	0.92376433	0.414566154	2.412160255	1.082527180	2.611229040
0.3931	0.38305380	0.92372603	0.414683345	2.411478568	1.082572065	2.610599334
0.3932	0.38314617	0.92368772	0.414800547	2.410797209	1.082616965	2.609969959
0.3933	0.38323854	0.92364940	0.414917757	2.410116179	1.082661880	2.609340913
0.3934	0.38333090	0.92361108	0.415034978	2.409435477	1.082706808	2.608712196
0.3935	0.38342326	0.92357274	0.415152208	2.408755103	1.082751752	2.608083808
0.3936	0.38351562	0.92353439	0.415269448	2.408075057	1.082796710	2.607455749
0.3937	0.38360797	0.92349603	0.415386698	2.407395338	1.082841682	2.606828018
0.3938	0.38370032	0.92345767	0.415503957	2.406715947	1.082886669	2.606200615
0.3939	0.38379266	0.92341929	0.415621227	2.406036882	1.082931671	2.605573541
0.3940	0.38388500	0.92338091	0.415738506	2.405358144	1.082976687	2.604946794
0.3941	0.38397734	0.92334252	0.415855794	2.404679732	1.083021718	2.604320375
0.3942	0.38406967	0.92330412	0.415973093	2.404001647	1.083066763	2.603694283
0.3943	0.38416200	0.92326570	0.416090401	2.403323887	1.083111823	2.603068518
0.3944	0.38425432	0.92322728	0.416207719	2.402646453	1.083156898	2.602443079
0.3945	0.38434664	0.92318885	0.416325047	2.401969345	1.083201987	2.601817967
0.3946	0.38443896	0.92315041	0.416442384	2.401292562	1.083247091	2.601193182
0.3947	0.38453127	0.92311197	0.416559732	2.400616104	1.083292209	2.600568722
0.3948	0.38462358	0.92307351	0.416677089	2.399939970	1.083337342	2.599944588
0.3949	0.38471589	0.92303504	0.416794456	2.399264161	1.083382489	2.599320780

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.3950	0.38480819	0.92299656	0.416911832	2.398588677	1.083427651	2.598697297
0.3951	0.38490049	0.92295808	0.417029219	2.397913516	1.083472828	2.598074139
0.3952	0.38499278	0.92291958	0.417146615	2.397238679	1.083518019	2.597451305
0.3953	0.38508507	0.92288108	0.417264021	2.396564165	1.083563225	2.596828796
0.3954	0.38517736	0.92284257	0.417381437	2.395889975	1.083608446	2.596206612
0.3955	0.38526964	0.92280404	0.417498862	2.395216107	1.083653681	2.595584751
0.3956	0.38536192	0.92276551	0.417616298	2.394542563	1.083698931	2.594963214
0.3957	0.38545419	0.92272697	0.417733743	2.393869340	1.083744195	2.594342001
0.3958	0.38554646	0.92268842	0.417851198	2.393196440	1.083789474	2.593721111
0.3959	0.38563873	0.92264986	0.417968663	2.392523862	1.083834768	2.593100544
0.3960	0.38573099	0.92261129	0.418086138	2.391851606	1.083880076	2.592480300
0.3961	0.38582325	0.92257272	0.418203622	2.391179672	1.083925399	2.591860378
0.3962	0.38591551	0.92253413	0.418321117	2.390508058	1.083970736	2.591240779
0.3963	0.38600776	0.92249553	0.418438621	2.389836766	1.084016088	2.590621502
0.3964	0.38610001	0.92245693	0.418556135	2.389165794	1.084061455	2.590002547
0.3965	0.38619225	0.92241831	0.418673659	2.388495143	1.084106836	2.589383913
0.3966	0.38628449	0.92237969	0.418791192	2.387824812	1.084152232	2.588765600
0.3967	0.38637673	0.92234106	0.418908736	2.387154801	1.084197643	2.588147609
0.3968	0.38646896	0.92230241	0.419026289	2.386485110	1.084243068	2.587529938
0.3969	0.38656119	0.92226376	0.419143852	2.385815739	1.084288508	2.586912589
0.3970	0.38665341	0.92222510	0.419261425	2.385146687	1.084333963	2.586295559
0.3971	0.38674563	0.92218643	0.419379008	2.384477954	1.084379432	2.585678850
0.3972	0.38683785	0.92214775	0.419496601	2.383809540	1.084424916	2.585062460
0.3973	0.38693006	0.92210906	0.419614204	2.383141444	1.084470415	2.584446390
0.3974	0.38702227	0.92207037	0.419731816	2.382473667	1.084515928	2.583830640
0.3975	0.38711448	0.92203166	0.419849439	2.381806208	1.084561456	2.583215208
0.3976	0.38720668	0.92199294	0.419967071	2.381139067	1.084606998	2.582600096
0.3977	0.38729887	0.92195422	0.420084713	2.380472243	1.084652556	2.581985302
0.3978	0.38739107	0.92191548	0.420202365	2.379805737	1.084698128	2.581370827
0.3979	0.38748326	0.92187674	0.420320027	2.379139548	1.084743714	2.580756670
0.3980	0.38757544	0.92183799	0.420437699	2.378473676	1.084789315	2.580142831
0.3981	0.38766762	0.92179923	0.420555381	2.377808121	1.084834931	2.579529310
0.3982	0.38775980	0.92176045	0.420673073	2.377142882	1.084880562	2.578916106
0.3983	0.38785198	0.92172167	0.420790774	2.376477959	1.084926207	2.578303219
0.3984	0.38794415	0.92168288	0.420908486	2.375813352	1.084971867	2.577690650
0.3985	0.38803631	0.92164409	0.421026207	2.375149061	1.085017542	2.577078397
0.3986	0.38812848	0.92160528	0.421143938	2.374485086	1.085063232	2.576466460
0.3987	0.38822063	0.92156646	0.421261679	2.373821425	1.085108936	2.575854840
0.3988	0.38831279	0.92152763	0.421379430	2.373158080	1.085154655	2.575243536
0.3989	0.38840494	0.92148880	0.421497191	2.372495049	1.085200388	2.574632548
0.3990	0.38849709	0.92144995	0.421614962	2.371832333	1.085246136	2.574021876
0.3991	0.38858923	0.92141110	0.421732743	2.371169932	1.085291899	2.573411519
0.3992	0.38868137	0.92137223	0.421850534	2.370507844	1.085337677	2.572801477
0.3993	0.38877350	0.92133336	0.421968335	2.369846070	1.085383469	2.572191749
0.3994	0.38886564	0.92129448	0.422086146	2.369184610	1.085429276	2.571582337
0.3995	0.38895776	0.92125559	0.422203966	2.368523463	1.085475098	2.570973239
0.3996	0.38904989	0.92121669	0.422321797	2.367862629	1.085520935	2.570364455
0.3997	0.38914201	0.92117778	0.422439637	2.367202108	1.085566786	2.569755985
0.3998	0.38923412	0.92113886	0.422557488	2.366541900	1.085612652	2.569147828
0.3999	0.38932623	0.92109993	0.422675348	2.365882004	1.085658533	2.568539985

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.4000	0.38941834	0.92106099	0.422793219	2.365222420	1.085704428	2.567932456
0.4001	0.38951045	0.92102205	0.422911099	2.364563148	1.085750339	2.567325239
0.4002	0.38960255	0.92098309	0.423028989	2.363904188	1.085796264	2.566718335
0.4003	0.38969464	0.92094413	0.423146890	2.363245540	1.085842203	2.566111744
0.4004	0.38978674	0.92090515	0.423264800	2.362587202	1.085888158	2.565505464
0.4005	0.38987882	0.92086617	0.423382720	2.361929176	1.085934127	2.564899497
0.4006	0.38997091	0.92082718	0.423500651	2.361271460	1.085980111	2.564293842
0.4007	0.39006299	0.92078818	0.423618591	2.360614055	1.086026110	2.563688499
0.4008	0.39015507	0.92074916	0.423736541	2.359956960	1.086072123	2.563083466
0.4009	0.39024714	0.92071014	0.423854502	2.359300176	1.086118151	2.562478745
0.4010	0.39033921	0.92067112	0.423972472	2.358643701	1.086164194	2.561874335
0.4011	0.39043127	0.92063208	0.424090452	2.357987536	1.086210252	2.561270235
0.4012	0.39052333	0.92059303	0.424208442	2.357331680	1.086256325	2.560666446
0.4013	0.39061539	0.92055397	0.424326443	2.356676133	1.086302412	2.560062967
0.4014	0.39070745	0.92051491	0.424444453	2.356020895	1.086348514	2.559459798
0.4015	0.39079950	0.92047583	0.424562473	2.355365966	1.086394631	2.558856939
0.4016	0.39089154	0.92043675	0.424680504	2.354711345	1.086440762	2.558254389
0.4017	0.39098358	0.92039765	0.424798544	2.354057033	1.086486909	2.557652149
0.4018	0.39107562	0.92035855	0.424916594	2.353403028	1.086533070	2.557050217
0.4019	0.39116765	0.92031944	0.425034655	2.352749332	1.086579246	2.556448595
0.4020	0.39125968	0.92028032	0.425152725	2.352095942	1.086625437	2.555847281
0.4021	0.39135171	0.92024119	0.425270806	2.351442860	1.086671642	2.555246275
0.4022	0.39144373	0.92020205	0.425388896	2.350790086	1.086717863	2.554645578
0.4023	0.39153575	0.92016290	0.425506997	2.350137618	1.086764098	2.554045188
0.4024	0.39162777	0.92012374	0.425625108	2.349485456	1.086810348	2.553445106
0.4025	0.39171978	0.92008457	0.425743228	2.348833601	1.086856613	2.552845331
0.4026	0.39181178	0.92004539	0.425861359	2.348182052	1.086902892	2.552245864
0.4027	0.39190378	0.92000621	0.425979500	2.347530809	1.086949187	2.551646704
0.4028	0.39199578	0.91996701	0.426097651	2.346879872	1.086995496	2.551047850
0.4029	0.39208778	0.91992781	0.426215812	2.346229240	1.087041820	2.550449303
0.4030	0.39217977	0.91988860	0.426333983	2.345578914	1.087088159	2.549851062
0.4031	0.39227176	0.91984937	0.426452164	2.344928892	1.087134512	2.549253128
0.4032	0.39236374	0.91981014	0.426570355	2.344279175	1.087180881	2.548655499
0.4033	0.39245572	0.91977090	0.426688556	2.343629763	1.087227264	2.548058176
0.4034	0.39254769	0.91973165	0.426806768	2.342980655	1.087273662	2.547461158
0.4035	0.39263966	0.91969239	0.426924989	2.342331851	1.087320075	2.546864445
0.4036	0.39273163	0.91965312	0.427043221	2.341683351	1.087366503	2.546268037
0.4037	0.39282359	0.91961384	0.427161462	2.341035155	1.087412946	2.545671934
0.4038	0.39291555	0.91957456	0.427279714	2.340387262	1.087459403	2.545076136
0.4039	0.39300751	0.91953526	0.427397976	2.339739672	1.087505876	2.544480641
0.4040	0.39309946	0.91949596	0.427516248	2.339092386	1.087552363	2.543885451
0.4041	0.39319141	0.91945664	0.427634530	2.338445402	1.087598865	2.543290565
0.4042	0.39328335	0.91941732	0.427752822	2.337798720	1.087645382	2.542695982
0.4043	0.39337529	0.91937799	0.427871124	2.337152341	1.087691914	2.542101702
0.4044	0.39346723	0.91933864	0.427989437	2.336506264	1.087738460	2.541507726
0.4045	0.39355916	0.91929929	0.428107759	2.335860489	1.087785022	2.540914053
0.4046	0.39365109	0.91925993	0.428226092	2.335215015	1.087831598	2.540320682
0.4047	0.39374301	0.91922056	0.428344435	2.334569843	1.087878189	2.539727613
0.4048	0.39383493	0.91918118	0.428462788	2.333924972	1.087924795	2.539134847
0.4049	0.39392685	0.91914179	0.428581151	2.333280402	1.087971416	2.538542383

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.4050	0.39401876	0.91910240	0.428699524	2.332636132	1.088018052	2.537950221
0.4051	0.39411067	0.91906299	0.428817908	2.331992163	1.088064703	2.537358360
0.4052	0.39420257	0.91902358	0.428936301	2.331348495	1.088111369	2.536766801
0.4053	0.39429447	0.91898415	0.429054705	2.330705126	1.088158049	2.536175543
0.4054	0.39438637	0.91894472	0.429173119	2.330062057	1.088204744	2.535584586
0.4055	0.39447826	0.91890527	0.429291543	2.329419288	1.088251455	2.534993929
0.4056	0.39457015	0.91886582	0.429409977	2.328776818	1.088298180	2.534403573
0.4057	0.39466204	0.91882636	0.429528421	2.328134648	1.088344920	2.533813517
0.4058	0.39475392	0.91878689	0.429646876	2.327492776	1.088391675	2.533223761
0.4059	0.39484579	0.91874741	0.429765341	2.326851203	1.088438445	2.532634305
0.4060	0.39493767	0.91870792	0.429883816	2.326209929	1.088485230	2.532045148
0.4061	0.39502953	0.91866842	0.430002301	2.325568952	1.088532029	2.531456291
0.4062	0.39512140	0.91862891	0.430120796	2.324928274	1.088578844	2.530867733
0.4063	0.39521326	0.91858940	0.430239301	2.324287894	1.088625673	2.530279474
0.4064	0.39530512	0.91854987	0.430357817	2.323647811	1.088672518	2.529691513
0.4065	0.39539697	0.91851034	0.430476343	2.323008026	1.088719377	2.529103851
0.4066	0.39548882	0.91847079	0.430594879	2.322368538	1.088766251	2.528516487
0.4067	0.39558066	0.91843124	0.430713425	2.321729347	1.088813140	2.527929422
0.4068	0.39567251	0.91839167	0.430831982	2.321090453	1.088860045	2.527342654
0.4069	0.39576434	0.91835210	0.430950549	2.320451855	1.088906964	2.526756183
0.4070	0.39585618	0.91831252	0.431069126	2.319813553	1.088953898	2.526170010
0.4071	0.39594801	0.91827293	0.431187713	2.319175548	1.089000846	2.525584135
0.4072	0.39603983	0.91823333	0.431306310	2.318537838	1.089047810	2.524998556
0.4073	0.39613165	0.91819372	0.431424918	2.317900424	1.089094789	2.524413274
0.4074	0.39622347	0.91815411	0.431543536	2.317263306	1.089141783	2.523828288
0.4075	0.39631528	0.91811448	0.431662164	2.316626482	1.089188792	2.523243599
0.4076	0.39640709	0.91807484	0.431780802	2.315989954	1.089235815	2.522659205
0.4077	0.39649890	0.91803520	0.431899451	2.315353720	1.089282854	2.522075108
0.4078	0.39659070	0.91799554	0.432018110	2.314717781	1.089329907	2.521491306
0.4079	0.39668250	0.91795588	0.432136779	2.314082136	1.089376976	2.520907800
0.4080	0.39677429	0.91791621	0.432255458	2.313446786	1.089424059	2.520324588
0.4081	0.39686608	0.91787652	0.432374148	2.312811729	1.089471158	2.519741672
0.4082	0.39695787	0.91783683	0.432492847	2.312176966	1.089518271	2.519159051
0.4083	0.39704965	0.91779713	0.432611558	2.311542497	1.089565400	2.518576724
0.4084	0.39714143	0.91775742	0.432730278	2.310908320	1.089612543	2.517994691
0.4085	0.39723320	0.91771770	0.432849009	2.310274437	1.089659701	2.517412953
0.4086	0.39732497	0.91767798	0.432967750	2.309640847	1.089706874	2.516831508
0.4087	0.39741673	0.91763824	0.433086501	2.309007549	1.089754063	2.516250357
0.4088	0.39750850	0.91759849	0.433205262	2.308374543	1.089801266	2.515669500
0.4089	0.39760025	0.91755874	0.433324034	2.307741830	1.089848484	2.515088936
0.4090	0.39769201	0.91751897	0.433442816	2.307109409	1.089895718	2.514508665
0.4091	0.39778376	0.91747920	0.433561609	2.306477279	1.089942966	2.513928686
0.4092	0.39787550	0.91743942	0.433680412	2.305845441	1.089990229	2.513349001
0.4093	0.39796725	0.91739962	0.433799225	2.305213895	1.090037507	2.512769607
0.4094	0.39805898	0.91735982	0.433918048	2.304582639	1.090084801	2.512190506
0.4095	0.39815072	0.91732001	0.434036882	2.303951674	1.090132109	2.511611697
0.4096	0.39824245	0.91728019	0.434155726	2.303321000	1.090179432	2.511033180
0.4097	0.39833417	0.91724036	0.434274580	2.302690617	1.090226770	2.510454954
0.4098	0.39842590	0.91720053	0.434393444	2.302060523	1.090274124	2.509877020
0.4099	0.39851761	0.91716068	0.434512319	2.301430720	1.090321492	2.509299376

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.4100	0.39860933	0.91712082	0.434631205	2.300801207	1.090368875	2.508722024
0.4101	0.39870104	0.91708096	0.434750100	2.300171983	1.090416274	2.508144962
0.4102	0.39879274	0.91704108	0.434869006	2.299543048	1.090463687	2.507568191
0.4103	0.39888445	0.91700120	0.434987922	2.298914403	1.090511115	2.506991710
0.4104	0.39897614	0.91696131	0.435106849	2.298286047	1.090558559	2.506415519
0.4105	0.39906784	0.91692140	0.435225786	2.297657979	1.090606017	2.505839618
0.4106	0.39915953	0.91688149	0.435344733	2.297030200	1.090653491	2.505264006
0.4107	0.39925121	0.91684157	0.435463691	2.296402710	1.090700979	2.504688684
0.4108	0.39934290	0.91680164	0.435582659	2.295775507	1.090748483	2.504113651
0.4109	0.39943458	0.91676170	0.435701637	2.295148593	1.090796002	2.503538908
0.4110	0.39952625	0.91672175	0.435820626	2.294521966	1.090843535	2.502964453
0.4111	0.39961792	0.91668180	0.435939625	2.293895626	1.090891084	2.502390286
0.4112	0.39970959	0.91664183	0.436058635	2.293269574	1.090938648	2.501816408
0.4113	0.39980125	0.91660186	0.436177655	2.292643809	1.090986227	2.501242818
0.4114	0.39989291	0.91656187	0.436296685	2.292018331	1.091033820	2.500669516
0.4115	0.39998456	0.91652188	0.436415726	2.291393139	1.091081429	2.500096502
0.4116	0.40007621	0.91648187	0.436534777	2.290768234	1.091129054	2.499523775
0.4117	0.40016786	0.91644186	0.436653838	2.290143616	1.091176693	2.498951336
0.4118	0.40025950	0.91640184	0.436772910	2.289519283	1.091224347	2.498379184
0.4119	0.40035114	0.91636181	0.436891992	2.288895236	1.091272016	2.497807319
0.4120	0.40044277	0.91632177	0.437011085	2.288271474	1.091319700	2.497235740
0.4121	0.40053440	0.91628172	0.437130188	2.287647998	1.091367400	2.496664448
0.4122	0.40062603	0.91624166	0.437249302	2.287024808	1.091415114	2.496093442
0.4123	0.40071765	0.91620160	0.437368426	2.286401902	1.091462844	2.495522722
0.4124	0.40080927	0.91616152	0.437487560	2.285779281	1.091510589	2.494952288
0.4125	0.40090088	0.91612143	0.437606705	2.285156944	1.091558348	2.494382140
0.4126	0.40099249	0.91608134	0.437725860	2.284534892	1.091606123	2.493812277
0.4127	0.40108410	0.91604124	0.437845025	2.283913124	1.091653913	2.493242700
0.4128	0.40117570	0.91600112	0.437964201	2.283291640	1.091701718	2.492673407
0.4129	0.40126730	0.91596100	0.438083388	2.282670440	1.091749538	2.492104400
0.4130	0.40135889	0.91592087	0.438202585	2.282049524	1.091797374	2.491535677
0.4131	0.40145048	0.91588073	0.438321792	2.281428890	1.091845224	2.490967238
0.4132	0.40154207	0.91584058	0.438441010	2.280808540	1.091893090	2.490399084
0.4133	0.40163365	0.91580042	0.438560238	2.280188473	1.091940970	2.489831213
0.4134	0.40172523	0.91576025	0.438679477	2.279568688	1.091988866	2.489263627
0.4135	0.40181680	0.91572008	0.438798726	2.278949186	1.092036777	2.488696324
0.4136	0.40190837	0.91567989	0.438917986	2.278329966	1.092084703	2.488129304
0.4137	0.40199994	0.91563969	0.439037256	2.277711028	1.092132644	2.487562568
0.4138	0.40209150	0.91559949	0.439156537	2.277092372	1.092180600	2.486996114
0.4139	0.40218306	0.91555928	0.439275828	2.276473998	1.092228572	2.486429944
0.4140	0.40227461	0.91551905	0.439395129	2.275855906	1.092276558	2.485864056
0.4141	0.40236616	0.91547882	0.439514441	2.275238094	1.092324560	2.485298450
0.4142	0.40245771	0.91543858	0.439633764	2.274620564	1.092372577	2.484733126
0.4143	0.40254925	0.91539833	0.439753097	2.274003314	1.092420609	2.484168085
0.4144	0.40264079	0.91535807	0.439872440	2.273386346	1.092468656	2.483603325
0.4145	0.40273232	0.91531780	0.439991795	2.272769657	1.092516718	2.483038847
0.4146	0.40282385	0.91527752	0.440111159	2.272153249	1.092564795	2.482474650
0.4147	0.40291538	0.91523724	0.440230534	2.271537121	1.092612888	2.481910734
0.4148	0.40300690	0.91519694	0.440349920	2.270921273	1.092660996	2.481347099
0.4149	0.40309842	0.91515663	0.440469316	2.270305704	1.092709119	2.480783745

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.4150	0.40318993	0.91511632	0.440588722	2.269690415	1.092757257	2.480220672
0.4151	0.40328144	0.91507600	0.440708139	2.269075405	1.092805410	2.479657879
0.4152	0.40337295	0.91503566	0.440827567	2.268460674	1.092853578	2.479095366
0.4153	0.40346445	0.91499532	0.440947005	2.267846222	1.092901762	2.478533132
0.4154	0.40355594	0.91495497	0.441066454	2.267232049	1.092949961	2.477971179
0.4155	0.40364744	0.91491461	0.441185913	2.266618154	1.092998175	2.477409505
0.4156	0.40373893	0.91487424	0.441305383	2.266004537	1.093046404	2.476848111
0.4157	0.40383041	0.91483386	0.441424863	2.265391199	1.093094648	2.476286995
0.4158	0.40392189	0.91479348	0.441544354	2.264778138	1.093142908	2.475726159
0.4159	0.40401337	0.91475308	0.441663855	2.264165355	1.093191182	2.475165601
0.4160	0.40410484	0.91471267	0.441783367	2.263552849	1.093239472	2.474605322
0.4161	0.40419631	0.91467226	0.441902890	2.262940620	1.093287777	2.474045321
0.4162	0.40428778	0.91463183	0.442022423	2.262328669	1.093336098	2.473485598
0.4163	0.40437924	0.91459140	0.442141967	2.261716994	1.093384433	2.472926154
0.4164	0.40447070	0.91455096	0.442261521	2.261105596	1.093432784	2.472366987
0.4165	0.40456215	0.91451051	0.442381086	2.260494474	1.093481150	2.471808097
0.4166	0.40465360	0.91447005	0.442500661	2.259883629	1.093529531	2.471249485
0.4167	0.40474504	0.91442958	0.442620247	2.259273059	1.093577927	2.470691150
0.4168	0.40483649	0.91438910	0.442739844	2.258662766	1.093626339	2.470133092
0.4169	0.40492792	0.91434861	0.442859451	2.258052748	1.093674766	2.469575310
0.4170	0.40501936	0.91430811	0.442979069	2.257443005	1.093723208	2.469017805
0.4171	0.40511078	0.91426760	0.443098697	2.256833538	1.093771665	2.468460577
0.4172	0.40520221	0.91422709	0.443218336	2.256224346	1.093820138	2.467903624
0.4173	0.40529363	0.91418656	0.443337985	2.255615428	1.093868625	2.467346948
0.4174	0.40538505	0.91414603	0.443457646	2.255006786	1.093917128	2.466790547
0.4175	0.40547646	0.91410549	0.443577316	2.254398417	1.093965646	2.466234422
0.4176	0.40556787	0.91406493	0.443696998	2.253790323	1.094014180	2.465678572
0.4177	0.40565927	0.91402437	0.443816690	2.253182503	1.094062729	2.465122997
0.4178	0.40575067	0.91398380	0.443936392	2.252574957	1.094111293	2.464567697
0.4179	0.40584207	0.91394322	0.444056106	2.251967684	1.094159872	2.464012672
0.4180	0.40593346	0.91390263	0.444175830	2.251360685	1.094208466	2.463457922
0.4181	0.40602485	0.91386204	0.444295564	2.250753959	1.094257076	2.462903446
0.4182	0.40611623	0.91382143	0.444415309	2.250147506	1.094305701	2.462349244
0.4183	0.40620761	0.91378081	0.444535065	2.249541326	1.094354341	2.461795316
0.4184	0.40629899	0.91374019	0.444654832	2.248935419	1.094402997	2.461241662
0.4185	0.40639036	0.91369955	0.444774609	2.248329784	1.094451668	2.460688281
0.4186	0.40648173	0.91365891	0.444894397	2.247724421	1.094500354	2.460135174
0.4187	0.40657309	0.91361826	0.445014195	2.247119331	1.094549055	2.459582340
0.4188	0.40666445	0.91357760	0.445134004	2.246514512	1.094597772	2.459029779
0.4189	0.40675581	0.91353692	0.445253824	2.245909965	1.094646503	2.458477491
0.4190	0.40684716	0.91349624	0.445373654	2.245305690	1.094695251	2.457925475
0.4191	0.40693851	0.91345555	0.445493495	2.244701686	1.094744013	2.457373732
0.4192	0.40702985	0.91341486	0.445613347	2.244097953	1.094792791	2.456822261
0.4193	0.40712119	0.91337415	0.445733210	2.243494491	1.094841584	2.456271062
0.4194	0.40721253	0.91333343	0.445853083	2.242891299	1.094890392	2.455720135
0.4195	0.40730386	0.91329271	0.445972967	2.242288378	1.094939216	2.455169479
0.4196	0.40739518	0.91325197	0.446092861	2.241685728	1.094988055	2.454619095
0.4197	0.40748651	0.91321123	0.446212766	2.241083347	1.095036909	2.454068982
0.4198	0.40757783	0.91317047	0.446332682	2.240481237	1.095085779	2.453519140
0.4199	0.40766914	0.91312971	0.446452609	2.239879396	1.095134664	2.452969569

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.4200	0.40776045	0.91308894	0.446572546	2.239277825	1.095183564	2.452420269
0.4201	0.40785176	0.91304816	0.446692494	2.238676523	1.095232480	2.451871239
0.4202	0.40794306	0.91300737	0.446812453	2.238075490	1.095281411	2.451322480
0.4203	0.40803436	0.91296657	0.446932423	2.237474726	1.095330357	2.450773990
0.4204	0.40812566	0.91292576	0.447052403	2.236874231	1.095379318	2.450225771
0.4205	0.40821695	0.91288495	0.447172394	2.236274005	1.095428295	2.449677821
0.4206	0.40830823	0.91284412	0.447292395	2.235674047	1.095477287	2.449130140
0.4207	0.40839952	0.91280328	0.447412408	2.235074357	1.095526295	2.448582729
0.4208	0.40849079	0.91276244	0.447532431	2.234474936	1.095575318	2.448035587
0.4209	0.40858207	0.91272159	0.447652465	2.233875782	1.095624356	2.447488714
0.4210	0.40867334	0.91268072	0.447772510	2.233276895	1.095673410	2.446942110
0.4211	0.40876460	0.91263985	0.447892565	2.232678276	1.095722478	2.446395775
0.4212	0.40885587	0.91259897	0.448012631	2.232079925	1.095771563	2.445849707
0.4213	0.40894712	0.91255808	0.448132708	2.231481840	1.095820662	2.445303908
0.4214	0.40903838	0.91251718	0.448252796	2.230884022	1.095869777	2.444758377
0.4215	0.40912963	0.91247627	0.448372894	2.230286471	1.095918908	2.444213114
0.4216	0.40922087	0.91243536	0.448493003	2.229689187	1.095968053	2.443668118
0.4217	0.40931211	0.91239443	0.448613123	2.229092169	1.096017214	2.443123389
0.4218	0.40940335	0.91235349	0.448733254	2.228495416	1.096066391	2.442578928
0.4219	0.40949458	0.91231255	0.448853396	2.227898930	1.096115583	2.442034734
0.4220	0.40958581	0.91227159	0.448973548	2.227302710	1.096164790	2.441490807
0.4221	0.40967704	0.91223063	0.449093711	2.226706755	1.096214013	2.440947146
0.4222	0.40976826	0.91218966	0.449213885	2.226111065	1.096263251	2.440403752
0.4223	0.40985948	0.91214868	0.449334070	2.225515640	1.096312504	2.439860624
0.4224	0.40995069	0.91210769	0.449454265	2.224920481	1.096361773	2.439317762
0.4225	0.41004190	0.91206669	0.449574472	2.224325586	1.096411057	2.438775167
0.4226	0.41013310	0.91202568	0.449694689	2.223730956	1.096460356	2.438232836
0.4227	0.41022430	0.91198466	0.449814917	2.223136590	1.096509671	2.437690772
0.4228	0.41031550	0.91194363	0.449935155	2.222542489	1.096559002	2.437148972
0.4229	0.41040669	0.91190260	0.450055405	2.221948651	1.096608347	2.436607438
0.4230	0.41049788	0.91186155	0.450175665	2.221355077	1.096657709	2.436066169
0.4231	0.41058906	0.91182050	0.450295937	2.220761767	1.096707085	2.435525165
0.4232	0.41068024	0.91177943	0.450416219	2.220168721	1.096756477	2.434984425
0.4233	0.41077142	0.91173836	0.450536512	2.219575937	1.096805884	2.434443949
0.4234	0.41086259	0.91169728	0.450656815	2.218983417	1.096855307	2.433903738
0.4235	0.41095376	0.91165619	0.450777130	2.218391160	1.096904746	2.433363791
0.4236	0.41104492	0.91161509	0.450897455	2.217799165	1.096954199	2.432824107
0.4237	0.41113608	0.91157398	0.451017792	2.217207433	1.097003668	2.432284688
0.4238	0.41122724	0.91153286	0.451138139	2.216615963	1.097053153	2.431745531
0.4239	0.41131839	0.91149173	0.451258497	2.216024756	1.097102653	2.431206638
0.4240	0.41140954	0.91145060	0.451378866	2.215433810	1.097152168	2.430668009
0.4241	0.41150068	0.91140945	0.451499245	2.214843126	1.097201699	2.430129642
0.4242	0.41159182	0.91136830	0.451619636	2.214252704	1.097251245	2.429591537
0.4243	0.41168295	0.91132713	0.451740037	2.213662543	1.097300807	2.429053696
0.4244	0.41177408	0.91128596	0.451860450	2.213072644	1.097350384	2.428516116
0.4245	0.41186521	0.91124478	0.451980873	2.212483005	1.097399977	2.427978799
0.4246	0.41195633	0.91120359	0.452101307	2.211893628	1.097449585	2.427441744
0.4247	0.41204745	0.91116239	0.452221752	2.211304510	1.097499209	2.426904950
0.4248	0.41213857	0.91112118	0.452342208	2.210715654	1.097548848	2.426368419
0.4249	0.41222968	0.91107996	0.452462675	2.210127058	1.097598502	2.425832148

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.4250	0.41232078	0.91103873	0.452583152	2.209538722	1.097648172	2.425296139
0.4251	0.41241188	0.91099750	0.452703641	2.208950645	1.097697858	2.424760391
0.4252	0.41250298	0.91095625	0.452824141	2.208362829	1.097747559	2.424224904
0.4253	0.41259407	0.91091500	0.452944651	2.207775272	1.097797275	2.423689677
0.4254	0.41268516	0.91087373	0.453065172	2.207187974	1.097847007	2.423154711
0.4255	0.41277625	0.91083246	0.453185705	2.206600936	1.097896754	2.422620006
0.4256	0.41286733	0.91079118	0.453306248	2.206014157	1.097946517	2.422085560
0.4257	0.41295841	0.91074989	0.453426802	2.205427636	1.097996295	2.421551375
0.4258	0.41304948	0.91070858	0.453547367	2.204841375	1.098046089	2.421017449
0.4259	0.41314055	0.91066728	0.453667943	2.204255371	1.098095899	2.420483783
0.4260	0.41323161	0.91062596	0.453788530	2.203669626	1.098145723	2.419950376
0.4261	0.41332267	0.91058463	0.453909128	2.203084139	1.098195564	2.419417228
0.4262	0.41341373	0.91054329	0.454029737	2.202498910	1.098245420	2.418884340
0.4263	0.41350478	0.91050195	0.454150356	2.201913939	1.098295291	2.418351710
0.4264	0.41359583	0.91046059	0.454270987	2.201329225	1.098345178	2.417819339
0.4265	0.41368688	0.91041923	0.454391629	2.200744769	1.098395080	2.417287227
0.4266	0.41377792	0.91037785	0.454512281	2.200160570	1.098444998	2.416755373
0.4267	0.41386895	0.91033647	0.454632945	2.199576627	1.098494932	2.416223777
0.4268	0.41395998	0.91029508	0.454753620	2.198992942	1.098544881	2.415692439
0.4269	0.41405101	0.91025368	0.454874305	2.198409513	1.098594845	2.415161359
0.4270	0.41414203	0.91021227	0.454995002	2.197826341	1.098644825	2.414630536
0.4271	0.41423305	0.91017085	0.455115709	2.197243425	1.098694821	2.414099971
0.4272	0.41432407	0.91012942	0.455236428	2.196660765	1.098744832	2.413569663
0.4273	0.41441508	0.91008799	0.455357157	2.196078361	1.098794858	2.413039612
0.4274	0.41450609	0.91004654	0.455477898	2.195496213	1.098844901	2.412509818
0.4275	0.41459709	0.91000509	0.455598649	2.194914321	1.098894958	2.411980281
0.4276	0.41468809	0.90996362	0.455719412	2.194332683	1.098945032	2.411451000
0.4277	0.41477908	0.90992215	0.455840185	2.193751301	1.098995120	2.410921976
0.4278	0.41487007	0.90988067	0.455960970	2.193170174	1.099045225	2.410393207
0.4279	0.41496106	0.90983917	0.456081766	2.192589302	1.099095345	2.409864695
0.4280	0.41505204	0.90979767	0.456202572	2.192008685	1.099145480	2.409336439
0.4281	0.41514302	0.90975616	0.456323390	2.191428322	1.099195631	2.408808438
0.4282	0.41523399	0.90971464	0.456444218	2.190848213	1.099245798	2.408280692
0.4283	0.41532496	0.90967312	0.456565058	2.190268359	1.099295980	2.407753202
0.4284	0.41541592	0.90963158	0.456685909	2.189688758	1.099346178	2.407225967
0.4285	0.41550689	0.90959003	0.456806770	2.189109411	1.099396391	2.406698987
0.4286	0.41559784	0.90954848	0.456927643	2.188530318	1.099446620	2.406172262
0.4287	0.41568880	0.90950691	0.457048527	2.187951478	1.099496865	2.405645791
0.4288	0.41577974	0.90946534	0.457169422	2.187372891	1.099547125	2.405119574
0.4289	0.41587069	0.90942376	0.457290328	2.186794558	1.099597401	2.404593612
0.4290	0.41596163	0.90938217	0.457411245	2.186216477	1.099647692	2.404067904
0.4291	0.41605256	0.90934057	0.457532173	2.185638649	1.099697999	2.403542449
0.4292	0.41614350	0.90929896	0.457653112	2.185061074	1.099748322	2.403017249
0.4293	0.41623442	0.90925734	0.457774062	2.184483751	1.099798660	2.402492301
0.4294	0.41632535	0.90921571	0.457895023	2.183906680	1.099849013	2.401967607
0.4295	0.41641627	0.90917407	0.458015996	2.183329861	1.099899383	2.401443167
0.4296	0.41650718	0.90913243	0.458136979	2.182753294	1.099949768	2.400918979
0.4297	0.41659809	0.90909077	0.458257973	2.182176979	1.100000168	2.400395044
0.4298	0.41668900	0.90904911	0.458378979	2.181600915	1.100050584	2.399871361
0.4299	0.41677990	0.90900743	0.458499996	2.181025102	1.100101016	2.399347931

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.4300	0.41687080	0.90896575	0.458621023	2.180449541	1.100151464	2.398824754
0.4301	0.41696170	0.90892406	0.458742062	2.179874230	1.100201927	2.398301828
0.4302	0.41705259	0.90888236	0.458863112	2.179299170	1.100252406	2.397779154
0.4303	0.41714347	0.90884065	0.458984173	2.178724361	1.100302900	2.397256732
0.4304	0.41723436	0.90879893	0.459105246	2.178149802	1.100353410	2.396734562
0.4305	0.41732523	0.90875720	0.459226329	2.177575494	1.100403935	2.396212643
0.4306	0.41741611	0.90871546	0.459347423	2.177001435	1.100454477	2.395690975
0.4307	0.41750698	0.90867372	0.459468529	2.176427627	1.100505034	2.395169558
0.4308	0.41759784	0.90863196	0.459589646	2.175854068	1.100555606	2.394648393
0.4309	0.41768870	0.90859020	0.459710774	2.175280758	1.100606194	2.394127477
0.4310	0.41777956	0.90854842	0.459831912	2.174707698	1.100656798	2.393606813
0.4311	0.41787041	0.90850664	0.459953063	2.174134888	1.100707418	2.393086398
0.4312	0.41796126	0.90846485	0.460074224	2.173562326	1.100758053	2.392566234
0.4313	0.41805211	0.90842305	0.460195396	2.172990013	1.100808704	2.392046320
0.4314	0.41814295	0.90838124	0.460316580	2.172417949	1.100859371	2.391526655
0.4315	0.41823378	0.90833942	0.460437775	2.171846133	1.100910053	2.391007241
0.4316	0.41832461	0.90829759	0.460558980	2.171274565	1.100960751	2.390488075
0.4317	0.41841544	0.90825576	0.460680197	2.170703246	1.101011464	2.389969159
0.4318	0.41850626	0.90821391	0.460801426	2.170132175	1.101062193	2.389450493
0.4319	0.41859708	0.90817205	0.460922665	2.169561351	1.101112938	2.388932075
0.4320	0.41868790	0.90813019	0.461043916	2.168990776	1.101163699	2.388413906
0.4321	0.41877871	0.90808832	0.461165177	2.168420447	1.101214475	2.387895985
0.4322	0.41886952	0.90804643	0.461286450	2.167850366	1.101265267	2.387378313
0.4323	0.41896032	0.90800454	0.461407734	2.167280532	1.101316075	2.386860889
0.4324	0.41905112	0.90796264	0.461529030	2.166710945	1.101366899	2.386343714
0.4325	0.41914191	0.90792073	0.461650336	2.166141605	1.101417738	2.385826786
0.4326	0.41923270	0.90787881	0.461771654	2.165572511	1.101468593	2.385310106
0.4327	0.41932349	0.90783689	0.461892983	2.165003664	1.101519463	2.384793673
0.4328	0.41941427	0.90779495	0.462014323	2.164435063	1.101570349	2.384277488
0.4329	0.41950505	0.90775300	0.462135674	2.163866708	1.101621251	2.383761550
0.4330	0.41959582	0.90771105	0.462257037	2.163298599	1.101672169	2.383245860
0.4331	0.41968659	0.90766908	0.462378411	2.162730736	1.101723102	2.382730416
0.4332	0.41977735	0.90762711	0.462499796	2.162163118	1.101774052	2.382215219
0.4333	0.41986811	0.90758513	0.462621192	2.161595746	1.101825017	2.381700268
0.4334	0.41995887	0.90754314	0.462742599	2.161028619	1.101875997	2.381185564
0.4335	0.42004962	0.90750114	0.462864018	2.160461737	1.101926994	2.380671106
0.4336	0.42014037	0.90745913	0.462985448	2.159895100	1.101978006	2.380156894
0.4337	0.42023111	0.90741711	0.463106889	2.159328707	1.102029033	2.379642928
0.4338	0.42032185	0.90737508	0.463228341	2.158762560	1.102080077	2.379129208
0.4339	0.42041259	0.90733304	0.463349805	2.158196656	1.102131136	2.378615733
0.4340	0.42050332	0.90729100	0.463471280	2.157630997	1.102182212	2.378102504
0.4341	0.42059405	0.90724894	0.463592766	2.157065582	1.102233302	2.377589520
0.4342	0.42068477	0.90720688	0.463714264	2.156500410	1.102284409	2.377076780
0.4343	0.42077549	0.90716481	0.463835772	2.155935483	1.102335531	2.376564286
0.4344	0.42086620	0.90712273	0.463957292	2.155370799	1.102386670	2.376052037
0.4345	0.42095691	0.90708063	0.464078824	2.154806358	1.102437823	2.375540031
0.4346	0.42104762	0.90703853	0.464200366	2.154242161	1.102488993	2.375028271
0.4347	0.42113832	0.90699642	0.464321920	2.153678206	1.102540179	2.374516754
0.4348	0.42122902	0.90695431	0.464443485	2.153114495	1.102591380	2.374005482
0.4349	0.42131971	0.90691218	0.464565062	2.152551026	1.102642597	2.373494453

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.4350	0.42141040	0.90687004	0.464686649	2.151987799	1.102693830	2.372983668
0.4351	0.42150109	0.90682790	0.464808248	2.151424815	1.102745078	2.372473127
0.4352	0.42159177	0.90678574	0.464929859	2.150862074	1.102796343	2.371962829
0.4353	0.42168244	0.90674358	0.465051480	2.150299574	1.102847623	2.371452774
0.4354	0.42177312	0.90670141	0.465173113	2.149737316	1.102898919	2.370942962
0.4355	0.42186378	0.90665922	0.465294758	2.149175300	1.102950231	2.370433393
0.4356	0.42195445	0.90661703	0.465416413	2.148613525	1.103001558	2.369924066
0.4357	0.42204511	0.90657483	0.465538080	2.148051992	1.103052902	2.369414982
0.4358	0.42213576	0.90653262	0.465659758	2.147490699	1.103104261	2.368906141
0.4359	0.42222641	0.90649041	0.465781448	2.146929648	1.103155636	2.368397542
0.4360	0.42231706	0.90644818	0.465903149	2.146368838	1.103207027	2.367889184
0.4361	0.42240770	0.90640594	0.466024861	2.145808268	1.103258433	2.367381069
0.4362	0.42249834	0.90636370	0.466146585	2.145247939	1.103309856	2.366873195
0.4363	0.42258898	0.90632144	0.466268320	2.144687851	1.103361294	2.366365563
0.4364	0.42267961	0.90627918	0.466390066	2.144128002	1.103412748	2.365858172
0.4365	0.42277023	0.90623691	0.466511823	2.143568394	1.103464218	2.365351022
0.4366	0.42286085	0.90619463	0.466633592	2.143009025	1.103515704	2.364844113
0.4367	0.42295147	0.90615233	0.466755373	2.142449896	1.103567206	2.364337446
0.4368	0.42304208	0.90611003	0.466877165	2.141891007	1.103618723	2.363831019
0.4369	0.42313269	0.90606773	0.466998968	2.141332357	1.103670257	2.363324832
0.4370	0.42322330	0.90602541	0.467120782	2.140773946	1.103721806	2.362818886
0.4371	0.42331390	0.90598308	0.467242608	2.140215774	1.103773371	2.362313180
0.4372	0.42340449	0.90594075	0.467364445	2.139657841	1.103824952	2.361807714
0.4373	0.42349509	0.90589840	0.467486294	2.139100147	1.103876549	2.361302487
0.4374	0.42358567	0.90585605	0.467608154	2.138542691	1.103928161	2.360797501
0.4375	0.42367626	0.90581368	0.467730025	2.137985474	1.103979790	2.360292754
0.4376	0.42376684	0.90577131	0.467851908	2.137428495	1.104031434	2.359788247
0.4377	0.42385741	0.90572893	0.467973803	2.136871753	1.104083095	2.359283978
0.4378	0.42394798	0.90568654	0.468095708	2.136315250	1.104134771	2.358779949
0.4379	0.42403855	0.90564414	0.468217625	2.135758985	1.104186463	2.358276159
0.4380	0.42412911	0.90560173	0.468339554	2.135202957	1.104238171	2.357772607
0.4381	0.42421967	0.90555931	0.468461494	2.134647166	1.104289894	2.357269294
0.4382	0.42431022	0.90551689	0.468583445	2.134091613	1.104341634	2.356766220
0.4383	0.42440077	0.90547445	0.468705408	2.133536297	1.104393390	2.356263383
0.4384	0.42449132	0.90543201	0.468827382	2.132981218	1.104445161	2.355760785
0.4385	0.42458186	0.90538955	0.468949368	2.132426375	1.104496949	2.355258424
0.4386	0.42467240	0.90534709	0.469071365	2.131871769	1.104548752	2.354756302
0.4387	0.42476293	0.90530462	0.469193373	2.131317400	1.104600571	2.354254417
0.4388	0.42485346	0.90526214	0.469315393	2.130763266	1.104652406	2.353752769
0.4389	0.42494398	0.90521965	0.469437425	2.130209369	1.104704257	2.353251359
0.4390	0.42503450	0.90517715	0.469559467	2.129655708	1.104756124	2.352750185
0.4391	0.42512502	0.90513464	0.469681522	2.129102282	1.104808007	2.352249249
0.4392	0.42521553	0.90509213	0.469803588	2.128549093	1.104859906	2.351748549
0.4393	0.42530603	0.90504960	0.469925665	2.127996138	1.104911820	2.351248086
0.4394	0.42539654	0.90500706	0.470047754	2.127443419	1.104963751	2.350747860
0.4395	0.42548704	0.90496452	0.470169854	2.126890935	1.105015697	2.350247870
0.4396	0.42557753	0.90492197	0.470291966	2.126338686	1.105067660	2.349748116
0.4397	0.42566802	0.90487940	0.470414089	2.125786672	1.105119638	2.349248598
0.4398	0.42575851	0.90483683	0.470536223	2.125234892	1.105171633	2.348749315
0.4399	0.42584899	0.90479425	0.470658370	2.124683347	1.105223643	2.348250269

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.4400	0.42593947	0.90475166	0.470780527	2.124132036	1.105275669	2.347751458
0.4401	0.42602994	0.90470906	0.470902696	2.123580960	1.105327711	2.347252882
0.4402	0.42612041	0.90466646	0.471024877	2.123030117	1.105379770	2.346754541
0.4403	0.42621087	0.90462384	0.471147069	2.122479508	1.105431844	2.346256436
0.4404	0.42630133	0.90458122	0.471269273	2.121929133	1.105483934	2.345758565
0.4405	0.42639179	0.90453858	0.471391488	2.121378991	1.105536040	2.345260929
0.4406	0.42648224	0.90449594	0.471513715	2.120829083	1.105588162	2.344763528
0.4407	0.42657269	0.90445328	0.471635953	2.120279408	1.105640300	2.344266360
0.4408	0.42666313	0.90441062	0.471758203	2.119729966	1.105692454	2.343769428
0.4409	0.42675357	0.90436795	0.471880464	2.119180757	1.105744624	2.343272729
0.4410	0.42684400	0.90432527	0.472002737	2.118631781	1.105796810	2.342776264
0.4411	0.42693443	0.90428258	0.472125022	2.118083037	1.105849011	2.342280033
0.4412	0.42702486	0.90423988	0.472247318	2.117534526	1.105901229	2.341784035
0.4413	0.42711528	0.90419718	0.472369625	2.116986246	1.105953463	2.341288271
0.4414	0.42720570	0.90415446	0.472491944	2.116438199	1.106005713	2.340792740
0.4415	0.42729611	0.90411174	0.472614275	2.115890384	1.106057979	2.340297442
0.4416	0.42738652	0.90406900	0.472736617	2.115342801	1.106110261	2.339802377
0.4417	0.42747693	0.90402626	0.472858971	2.114795449	1.106162559	2.339307545
0.4418	0.42756733	0.90398351	0.472981336	2.114248329	1.106214873	2.338812946
0.4419	0.42765772	0.90394075	0.473103713	2.113701440	1.106267203	2.338318579
0.4420	0.42774812	0.90389798	0.473226102	2.113154782	1.106319549	2.337824444
0.4421	0.42783850	0.90385520	0.473348502	2.112608355	1.106371910	2.337330542
0.4422	0.42792889	0.90381241	0.473470914	2.112062159	1.106424288	2.336836872
0.4423	0.42801927	0.90376961	0.473593337	2.111516194	1.106476682	2.336343433
0.4424	0.42810964	0.90372680	0.473715772	2.110970459	1.106529092	2.335850226
0.4425	0.42820001	0.90368399	0.473838218	2.110424954	1.106581518	2.335357251
0.4426	0.42829038	0.90364116	0.473960676	2.109879680	1.106633961	2.334864507
0.4427	0.42838074	0.90359833	0.474083146	2.109334636	1.106686419	2.334371994
0.4428	0.42847110	0.90355549	0.474205627	2.108789822	1.106738893	2.333879712
0.4429	0.42856145	0.90351264	0.474328120	2.108245237	1.106791383	2.333387662
0.4430	0.42865180	0.90346978	0.474450625	2.107700882	1.106843889	2.332895842
0.4431	0.42874214	0.90342691	0.474573141	2.107156756	1.106896412	2.332404252
0.4432	0.42883248	0.90338403	0.474695669	2.106612860	1.106948950	2.331912893
0.4433	0.42892282	0.90334114	0.474818208	2.106069193	1.107001504	2.331421765
0.4434	0.42901315	0.90329824	0.474940759	2.105525754	1.107054075	2.330930866
0.4435	0.42910348	0.90325534	0.475063322	2.104982545	1.107106661	2.330440198
0.4436	0.42919380	0.90321242	0.475185896	2.104439564	1.107159264	2.329949759
0.4437	0.42928412	0.90316950	0.475308482	2.103896812	1.107211883	2.329459550
0.4438	0.42937444	0.90312656	0.475431080	2.103354288	1.107264517	2.328969570
0.4439	0.42946475	0.90308362	0.475553689	2.102811992	1.107317168	2.328479820
0.4440	0.42955505	0.90304067	0.475676310	2.102269924	1.107369835	2.327990299
0.4441	0.42964536	0.90299771	0.475798943	2.101728084	1.107422518	2.327501007
0.4442	0.42973565	0.90295474	0.475921587	2.101186472	1.107475217	2.327011944
0.4443	0.42982595	0.90291176	0.476044243	2.100645087	1.107527932	2.326523110
0.4444	0.42991624	0.90286878	0.476166911	2.100103930	1.107580664	2.326034504
0.4445	0.43000652	0.90282578	0.476289590	2.099563000	1.107633411	2.325546127
0.4446	0.43009680	0.90278278	0.476412281	2.099022297	1.107686175	2.325057978
0.4447	0.43018708	0.90273976	0.476534984	2.098481821	1.107738954	2.324570057
0.4448	0.43027735	0.90269674	0.476657698	2.097941572	1.107791750	2.324082365
0.4449	0.43036762	0.90265371	0.476780424	2.097401549	1.107844562	2.323594900

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.4450	0.43045788	0.90261067	0.476903162	2.096861753	1.107897390	2.323107662
0.4451	0.43054814	0.90256762	0.477025911	2.096322183	1.107950234	2.322620652
0.4452	0.43063839	0.90252456	0.477148673	2.095782839	1.108003094	2.322133870
0.4453	0.43072864	0.90248149	0.477271446	2.095243722	1.108055970	2.321647315
0.4454	0.43081889	0.90243841	0.477394230	2.094704830	1.108108862	2.321160987
0.4455	0.43090913	0.90239532	0.477517027	2.094166164	1.108161771	2.320674885
0.4456	0.43099937	0.90235223	0.477639835	2.093627724	1.108214696	2.320189011
0.4457	0.43108960	0.90230912	0.477762655	2.093089509	1.108267637	2.319703363
0.4458	0.43117983	0.90226601	0.477885486	2.092551519	1.108320593	2.319217941
0.4459	0.43127006	0.90222289	0.478008330	2.092013754	1.108373567	2.318732746
0.4460	0.43136028	0.90217976	0.478131185	2.091476215	1.108426556	2.318247777
0.4461	0.43145049	0.90213662	0.478254051	2.090938900	1.108479561	2.317763034
0.4462	0.43154070	0.90209347	0.478376930	2.090401809	1.108532583	2.317278517
0.4463	0.43163091	0.90205031	0.478499820	2.089864944	1.108585621	2.316794225
0.4464	0.43172111	0.90200714	0.478622722	2.089328302	1.108638674	2.316310159
0.4465	0.43181131	0.90196396	0.478745636	2.088791885	1.108691744	2.315826319
0.4466	0.43190151	0.90192078	0.478868562	2.088255692	1.108744831	2.315342704
0.4467	0.43199170	0.90187758	0.478991499	2.087719723	1.108797933	2.314859313
0.4468	0.43208188	0.90183438	0.479114448	2.087183977	1.108851052	2.314376148
0.4469	0.43217206	0.90179117	0.479237409	2.086648455	1.108904186	2.313893207
0.4470	0.43226224	0.90174794	0.479360382	2.086113157	1.108957337	2.313410492
0.4471	0.43235241	0.90170471	0.479483367	2.085578082	1.109010504	2.312928000
0.4472	0.43244258	0.90166147	0.479606363	2.085043229	1.109063688	2.312445733
0.4473	0.43253274	0.90161823	0.479729371	2.084508600	1.109116887	2.311963690
0.4474	0.43262290	0.90157497	0.479852391	2.083974194	1.109170103	2.311481871
0.4475	0.43271306	0.90153170	0.479975423	2.083440011	1.109223335	2.311000277
0.4476	0.43280321	0.90148843	0.480098466	2.082906050	1.109276583	2.310518905
0.4477	0.43289336	0.90144514	0.480221522	2.082372311	1.109329847	2.310037758
0.4478	0.43298350	0.90140185	0.480344589	2.081838795	1.109383128	2.309556834
0.4479	0.43307364	0.90135854	0.480467668	2.081305500	1.109436424	2.309076133
0.4480	0.43316377	0.90131523	0.480590759	2.080772428	1.109489737	2.308595655
0.4481	0.43325390	0.90127191	0.480713861	2.080239578	1.109543067	2.308115400
0.4482	0.43334403	0.90122858	0.480836976	2.079706949	1.109596412	2.307635368
0.4483	0.43343415	0.90118524	0.480960102	2.079174541	1.109649774	2.307155559
0.4484	0.43352426	0.90114189	0.481083240	2.078642355	1.109703151	2.306675972
0.4485	0.43361437	0.90109854	0.481206390	2.078110391	1.109756545	2.306196608
0.4486	0.43370448	0.90105517	0.481329552	2.077578647	1.109809956	2.305717466
0.4487	0.43379459	0.90101180	0.481452726	2.077047124	1.109863382	2.305238546
0.4488	0.43388468	0.90096841	0.481575912	2.076515822	1.109916825	2.304759848
0.4489	0.43397478	0.90092502	0.481699109	2.075984740	1.109970284	2.304281372
0.4490	0.43406487	0.90088162	0.481822318	2.075453879	1.110023759	2.303803118
0.4491	0.43415496	0.90083821	0.481945540	2.074923238	1.110077251	2.303325085
0.4492	0.43424504	0.90079479	0.482068773	2.074392818	1.110130759	2.302847273
0.4493	0.43433511	0.90075136	0.482192018	2.073862617	1.110184283	2.302369683
0.4494	0.43442519	0.90070792	0.482315275	2.073332637	1.110237823	2.301892313
0.4495	0.43451526	0.90066447	0.482438543	2.072802876	1.110291380	2.301415165
0.4496	0.43460532	0.90062102	0.482561824	2.072273334	1.110344953	2.300938237
0.4497	0.43469538	0.90057755	0.482685117	2.071744012	1.110398542	2.300461530
0.4498	0.43478544	0.90053408	0.482808421	2.071214909	1.110452147	2.299985044
0.4499	0.43487549	0.90049059	0.482931737	2.070686026	1.110505769	2.299508778

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.4500	0.43496553	0.90044710	0.483055066	2.070157361	1.110559407	2.299032732
0.4501	0.43505558	0.90040360	0.483178406	2.069628916	1.110613061	2.298556906
0.4502	0.43514561	0.90036009	0.483301758	2.069100688	1.110666732	2.298081299
0.4503	0.43523565	0.90031657	0.483425122	2.068572680	1.110720419	2.297605913
0.4504	0.43532568	0.90027304	0.483548498	2.068044890	1.110774122	2.297130746
0.4505	0.43541570	0.90022951	0.483671886	2.067517318	1.110827841	2.296655799
0.4506	0.43550572	0.90018596	0.483795286	2.066989964	1.110881577	2.296181071
0.4507	0.43559574	0.90014241	0.483918697	2.066462828	1.110935329	2.295706563
0.4508	0.43568575	0.90009884	0.484042121	2.065935910	1.110989098	2.295232273
0.4509	0.43577576	0.90005527	0.484165557	2.065409210	1.111042882	2.294758202
0.4510	0.43586576	0.90001169	0.484289004	2.064882727	1.111096683	2.294284350
0.4511	0.43595576	0.89996810	0.484412464	2.064356462	1.111150501	2.293810716
0.4512	0.43604576	0.89992450	0.484535935	2.063830414	1.111204334	2.293337301
0.4513	0.43613575	0.89988089	0.484659419	2.063304583	1.111258184	2.292864104
0.4514	0.43622573	0.89983727	0.484782914	2.062778969	1.111312051	2.292391126
0.4515	0.43631571	0.89979364	0.484906422	2.062253571	1.111365933	2.291918365
0.4516	0.43640569	0.89975001	0.485029941	2.061728391	1.111419832	2.291445822
0.4517	0.43649566	0.89970636	0.485153473	2.061203426	1.111473748	2.290973497
0.4518	0.43658563	0.89966271	0.485277016	2.060678679	1.111527679	2.290501390
0.4519	0.43667560	0.89961904	0.485400571	2.060154147	1.111581628	2.290029500
0.4520	0.43676556	0.89957537	0.485524139	2.059629832	1.111635592	2.289557827
0.4521	0.43685551	0.89953169	0.485647718	2.059105732	1.111689573	2.289086371
0.4522	0.43694546	0.89948800	0.485771309	2.058581848	1.111743570	2.288615133
0.4523	0.43703541	0.89944430	0.485894913	2.058058180	1.111797583	2.288144111
0.4524	0.43712535	0.89940059	0.486018528	2.057534727	1.111851613	2.287673306
0.4525	0.43721529	0.89935688	0.486142156	2.057011490	1.111905659	2.287202717
0.4526	0.43730522	0.89931315	0.486265795	2.056488468	1.111959722	2.286732345
0.4527	0.43739515	0.89926941	0.486389447	2.055965661	1.112013801	2.286262190
0.4528	0.43748508	0.89922567	0.486513110	2.055443069	1.112067896	2.285792250
0.4529	0.43757500	0.89918192	0.486636786	2.054920692	1.112122008	2.285322526
0.4530	0.43766491	0.89913816	0.486760473	2.054398529	1.112176136	2.284853019
0.4531	0.43775483	0.89909438	0.486884173	2.053876581	1.112230281	2.284383727
0.4532	0.43784473	0.89905060	0.487007884	2.053354847	1.112284442	2.283914650
0.4533	0.43793464	0.89900682	0.487131608	2.052833328	1.112338619	2.283445789
0.4534	0.43802453	0.89896302	0.487255344	2.052312022	1.112392813	2.282977143
0.4535	0.43811443	0.89891921	0.487379092	2.051790931	1.112447023	2.282508713
0.4536	0.43820432	0.89887539	0.487502851	2.051270053	1.112501250	2.282040497
0.4537	0.43829420	0.89883157	0.487626623	2.050749389	1.112555492	2.281572497
0.4538	0.43838408	0.89878774	0.487750407	2.050228939	1.112609752	2.281104711
0.4539	0.43847396	0.89874389	0.487874203	2.049708701	1.112664028	2.280637139
0.4540	0.43856383	0.89870004	0.487998012	2.049188677	1.112718320	2.280169782
0.4541	0.43865370	0.89865618	0.488121832	2.048668866	1.112772629	2.279702639
0.4542	0.43874356	0.89861231	0.488245664	2.048149268	1.112826954	2.279235711
0.4543	0.43883342	0.89856843	0.488369509	2.047629883	1.112881295	2.278768996
0.4544	0.43892328	0.89852454	0.488493365	2.047110711	1.112935653	2.278302496
0.4545	0.43901313	0.89848065	0.488617234	2.046591751	1.112990027	2.277836209
0.4546	0.43910297	0.89843674	0.488741115	2.046073003	1.113044418	2.277370136
0.4547	0.43919282	0.89839283	0.488865007	2.045554468	1.113098826	2.276904276
0.4548	0.43928265	0.89834890	0.488988912	2.045036145	1.113153249	2.276438629
0.4549	0.43937249	0.89830497	0.489112829	2.044518033	1.113207689	2.275973196

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.4550	0.43946231	0.89826103	0.489236759	2.044000134	1.113262146	2.275507976
0.4551	0.43955214	0.89821708	0.489360700	2.043482446	1.113316619	2.275042968
0.4552	0.43964196	0.89817312	0.489484653	2.042964970	1.113371109	2.274578173
0.4553	0.43973177	0.89812915	0.489608619	2.042447705	1.113425615	2.274113591
0.4554	0.43982158	0.89808517	0.489732597	2.041930651	1.113480137	2.273649222
0.4555	0.43991139	0.89804118	0.489856587	2.041413808	1.113534676	2.273185064
0.4556	0.44000119	0.89799719	0.489980589	2.040897177	1.113589232	2.272721119
0.4557	0.44009099	0.89795318	0.490104603	2.040380756	1.113643804	2.272257386
0.4558	0.44018078	0.89790917	0.490228629	2.039864546	1.113698392	2.271793865
0.4559	0.44027057	0.89786515	0.490352668	2.039348547	1.113752997	2.271330556
0.4560	0.44036035	0.89782112	0.490476718	2.038832758	1.113807619	2.270867458
0.4561	0.44045013	0.89777708	0.490600781	2.038317179	1.113862256	2.270404572
0.4562	0.44053991	0.89773303	0.490724856	2.037801810	1.113916911	2.269941897
0.4563	0.44062968	0.89768897	0.490848943	2.037286651	1.113971582	2.269479434
0.4564	0.44071945	0.89764490	0.490973043	2.036771703	1.114026269	2.269017181
0.4565	0.44080921	0.89760082	0.491097154	2.036256964	1.114080973	2.268555140
0.4566	0.44089897	0.89755674	0.491221278	2.035742434	1.114135694	2.268093309
0.4567	0.44098872	0.89751264	0.491345414	2.035228114	1.114190431	2.267631689
0.4568	0.44107847	0.89746854	0.491469562	2.034714003	1.114245184	2.267170279
0.4569	0.44116822	0.89742443	0.491593722	2.034200102	1.114299954	2.266709080
0.4570	0.44125796	0.89738031	0.491717895	2.033686409	1.114354741	2.266248091
0.4571	0.44134769	0.89733618	0.491842080	2.033172926	1.114409544	2.265787313
0.4572	0.44143742	0.89729204	0.491966277	2.032659651	1.114464363	2.265326744
0.4573	0.44152715	0.89724789	0.492090486	2.032146585	1.114519200	2.264866385
0.4574	0.44161687	0.89720373	0.492214707	2.031633727	1.114574052	2.264406236
0.4575	0.44170659	0.89715957	0.492338941	2.031121077	1.114628922	2.263946296
0.4576	0.44179630	0.89711539	0.492463187	2.030608636	1.114683807	2.263486566
0.4577	0.44188601	0.89707121	0.492587445	2.030096403	1.114738710	2.263027045
0.4578	0.44197572	0.89702701	0.492711715	2.029584378	1.114793629	2.262567733
0.4579	0.44206542	0.89698281	0.492835998	2.029072561	1.114848564	2.262108630
0.4580	0.44215512	0.89693860	0.492960293	2.028560951	1.114903516	2.261649737
0.4581	0.44224481	0.89689438	0.493084600	2.028049549	1.114958485	2.261191052
0.4582	0.44233449	0.89685015	0.493208919	2.027538354	1.115013470	2.260732575
0.4583	0.44242418	0.89680591	0.493333251	2.027027366	1.115068472	2.260274307
0.4584	0.44251386	0.89676167	0.493457595	2.026516586	1.115123490	2.259816247
0.4585	0.44260353	0.89671741	0.493581951	2.026006012	1.115178525	2.259358396
0.4586	0.44269320	0.89667315	0.493706319	2.025495646	1.115233576	2.258900753
0.4587	0.44278286	0.89662887	0.493830700	2.024985486	1.115288644	2.258443317
0.4588	0.44287252	0.89658459	0.493955093	2.024475532	1.115343729	2.257986090
0.4589	0.44296218	0.89654030	0.494079498	2.023965785	1.115398830	2.257529070
0.4590	0.44305183	0.89649600	0.494203916	2.023456245	1.115453948	2.257072257
0.4591	0.44314148	0.89645169	0.494328346	2.022946910	1.115509083	2.256615652
0.4592	0.44323112	0.89640737	0.494452788	2.022437782	1.115564234	2.256159255
0.4593	0.44332076	0.89636304	0.494577243	2.021928859	1.115619401	2.255703064
0.4594	0.44341040	0.89631871	0.494701709	2.021420143	1.115674586	2.255247080
0.4595	0.44350003	0.89627436	0.494826189	2.020911631	1.115729787	2.254791303
0.4596	0.44358965	0.89623001	0.494950680	2.020403326	1.115785004	2.254335733
0.4597	0.44367927	0.89618564	0.495075184	2.019895225	1.115840238	2.253880370
0.4598	0.44376889	0.89614127	0.495199700	2.019387330	1.115895489	2.253425213
0.4599	0.44385850	0.89609689	0.495324228	2.018879640	1.115950757	2.252970262

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.4600	0.44394811	0.89605250	0.495448769	2.018372155	1.116006041	2.252515518
0.4601	0.44403771	0.89600810	0.495573322	2.017864875	1.116061341	2.252060979
0.4602	0.44412731	0.89596369	0.495697888	2.017357800	1.116116659	2.251606647
0.4603	0.44421690	0.89591927	0.495822466	2.016850929	1.116171993	2.251152520
0.4604	0.44430649	0.89587485	0.495947056	2.016344262	1.116227343	2.250698599
0.4605	0.44439608	0.89583041	0.496071658	2.015837800	1.116282711	2.250244883
0.4606	0.44448566	0.89578597	0.496196273	2.015331542	1.116338095	2.249791373
0.4607	0.44457523	0.89574151	0.496320900	2.014825487	1.116393495	2.249338068
0.4608	0.44466481	0.89569705	0.496445540	2.014319637	1.116448912	2.248884968
0.4609	0.44475437	0.89565258	0.496570192	2.013813991	1.116504346	2.248432073
0.4610	0.44484394	0.89560810	0.496694856	2.013308548	1.116559797	2.247979383
0.4611	0.44493350	0.89556361	0.496819533	2.012803308	1.116615264	2.247526898
0.4612	0.44502305	0.89551911	0.496944222	2.012298272	1.116670748	2.247074618
0.4613	0.44511260	0.89547461	0.497068924	2.011793439	1.116726249	2.246622541
0.4614	0.44520214	0.89543009	0.497193638	2.011288810	1.116781766	2.246170669
0.4615	0.44529169	0.89538557	0.497318364	2.010784383	1.116837300	2.245719002
0.4616	0.44538122	0.89534103	0.497443103	2.010280159	1.116892851	2.245267538
0.4617	0.44547075	0.89529649	0.497567854	2.009776138	1.116948418	2.244816278
0.4618	0.44556028	0.89525194	0.497692618	2.009272319	1.117004003	2.244365222
0.4619	0.44564980	0.89520738	0.497817394	2.008768702	1.117059603	2.243914370
0.4620	0.44573932	0.89516281	0.497942182	2.008265288	1.117115221	2.243463721
0.4621	0.44582884	0.89511823	0.498066983	2.007762077	1.117170855	2.243013276
0.4622	0.44591835	0.89507364	0.498191796	2.007259067	1.117226506	2.242563034
0.4623	0.44600785	0.89502905	0.498316622	2.006756259	1.117282174	2.242112995
0.4624	0.44609735	0.89498444	0.498441460	2.006253652	1.117337858	2.241663159
0.4625	0.44618685	0.89493983	0.498566311	2.005751248	1.117393559	2.241213526
0.4626	0.44627634	0.89489521	0.498691174	2.005249045	1.117449277	2.240764096
0.4627	0.44636583	0.89485057	0.498816049	2.004747043	1.117505012	2.240314868
0.4628	0.44645531	0.89480593	0.498940937	2.004245243	1.117560763	2.239865843
0.4629	0.44654479	0.89476128	0.499065838	2.003743643	1.117616531	2.239417020
0.4630	0.44663426	0.89471662	0.499190751	2.003242245	1.117672316	2.238968399
0.4631	0.44672373	0.89467196	0.499315676	2.002741047	1.117728117	2.238519980
0.4632	0.44681320	0.89462728	0.499440614	2.002240050	1.117783936	2.238071764
0.4633	0.44690266	0.89458259	0.499565564	2.001739254	1.117839771	2.237623749
0.4634	0.44699211	0.89453790	0.499690527	2.001238658	1.117895623	2.237175936
0.4635	0.44708157	0.89449319	0.499815502	2.000738263	1.117951491	2.236728324
0.4636	0.44717101	0.89444848	0.499940490	2.000238068	1.118007376	2.236280914
0.4637	0.44726045	0.89440376	0.500065490	1.999738072	1.118063279	2.235833705
0.4638	0.44734989	0.89435903	0.500190503	1.999238277	1.118119197	2.235386698
0.4639	0.44743933	0.89431429	0.500315529	1.998738682	1.118175133	2.234939891
0.4640	0.44752876	0.89426954	0.500440566	1.998239286	1.118231085	2.234493286
0.4641	0.44761818	0.89422478	0.500565617	1.997740090	1.118287055	2.234046881
0.4642	0.44770760	0.89418002	0.500690680	1.997241093	1.118343041	2.233600677
0.4643	0.44779702	0.89413524	0.500815755	1.996742295	1.118399043	2.233154673
0.4644	0.44788643	0.89409046	0.500940843	1.996243697	1.118455063	2.232708870
0.4645	0.44797583	0.89404567	0.501065943	1.995745297	1.118511099	2.232263267
0.4646	0.44806524	0.89400086	0.501191056	1.995247097	1.118567153	2.231817864
0.4647	0.44815463	0.89395605	0.501316182	1.994749095	1.118623223	2.231372661
0.4648	0.44824403	0.89391123	0.501441320	1.994251292	1.118679309	2.230927658
0.4649	0.44833342	0.89386640	0.501566470	1.993753687	1.118735413	2.230482855

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.4650	0.44842280	0.89382157	0.501691634	1.993256281	1.118791533	2.230038251
0.4651	0.44851218	0.89377672	0.501816809	1.992759073	1.118847671	2.229593847
0.4652	0.44860156	0.89373186	0.501941998	1.992262063	1.118903825	2.229149643
0.4653	0.44869093	0.89368700	0.502067199	1.991765252	1.118959996	2.228705637
0.4654	0.44878029	0.89364212	0.502192412	1.991268638	1.119016183	2.228261831
0.4655	0.44886966	0.89359724	0.502317638	1.990772221	1.119072388	2.227818224
0.4656	0.44895901	0.89355235	0.502442877	1.990276003	1.119128609	2.227374815
0.4657	0.44904837	0.89350745	0.502568128	1.989779982	1.119184848	2.226931605
0.4658	0.44913772	0.89346254	0.502693392	1.989284158	1.119241103	2.226488594
0.4659	0.44922706	0.89341762	0.502818668	1.988788531	1.119297375	2.226045782
0.4660	0.44931640	0.89337270	0.502943957	1.988293102	1.119353663	2.225603167
0.4661	0.44940573	0.89332776	0.503069258	1.987797869	1.119409969	2.225160751
0.4662	0.44949506	0.89328281	0.503194573	1.987302834	1.119466292	2.224718533
0.4663	0.44958439	0.89323786	0.503319899	1.986807995	1.119522631	2.224276513
0.4664	0.44967371	0.89319290	0.503445239	1.986313352	1.119578987	2.223834691
0.4665	0.44976303	0.89314793	0.503570591	1.985818907	1.119635360	2.223393067
0.4666	0.44985234	0.89310295	0.503695955	1.985324657	1.119691750	2.222951640
0.4667	0.44994165	0.89305796	0.503821333	1.984830604	1.119748157	2.222510411
0.4668	0.45003095	0.89301296	0.503946723	1.984336747	1.119804581	2.222069379
0.4669	0.45012025	0.89296795	0.504072125	1.983843085	1.119861021	2.221628544
0.4670	0.45020955	0.89292293	0.504197540	1.983349620	1.119917479	2.221187906
0.4671	0.45029884	0.89287791	0.504322968	1.982856350	1.119973953	2.220747465
0.4672	0.45038812	0.89283287	0.504448409	1.982363276	1.120030445	2.220307221
0.4673	0.45047740	0.89278783	0.504573862	1.981870397	1.120086953	2.219867174
0.4674	0.45056668	0.89274278	0.504699328	1.981377714	1.120143478	2.219427324
0.4675	0.45065595	0.89269772	0.504824806	1.980885226	1.120200020	2.218987669
0.4676	0.45074522	0.89265265	0.504950297	1.980392933	1.120256579	2.218548212
0.4677	0.45083448	0.89260757	0.505075801	1.979900834	1.120313155	2.218108950
0.4678	0.45092374	0.89256248	0.505201318	1.979408931	1.120369748	2.217669884
0.4679	0.45101299	0.89251738	0.505326847	1.978917222	1.120426357	2.217231015
0.4680	0.45110224	0.89247228	0.505452389	1.978425708	1.120482984	2.216792341
0.4681	0.45119149	0.89242716	0.505577943	1.977934389	1.120539627	2.216353863
0.4682	0.45128073	0.89238204	0.505703510	1.977443263	1.120596288	2.215915580
0.4683	0.45136997	0.89233691	0.505829090	1.976952332	1.120652965	2.215477493
0.4684	0.45145920	0.89229176	0.505954683	1.976461595	1.120709660	2.215039602
0.4685	0.45154842	0.89224661	0.506080288	1.975971052	1.120766371	2.214601905
0.4686	0.45163765	0.89220146	0.506205907	1.975480703	1.120823099	2.214164404
0.4687	0.45172686	0.89215629	0.506331537	1.974990547	1.120879844	2.213727097
0.4688	0.45181608	0.89211111	0.506457181	1.974500585	1.120936607	2.213289986
0.4689	0.45190529	0.89206592	0.506582837	1.974010817	1.120993386	2.212853069
0.4690	0.45199449	0.89202073	0.506708506	1.973521241	1.121050182	2.212416347
0.4691	0.45208369	0.89197552	0.506834188	1.973031859	1.121106995	2.211979819
0.4692	0.45217289	0.89193031	0.506959882	1.972542671	1.121163825	2.211543485
0.4693	0.45226208	0.89188509	0.507085589	1.972053674	1.121220672	2.211107346
0.4694	0.45235126	0.89183986	0.507211309	1.971564871	1.121277536	2.210671401
0.4695	0.45244044	0.89179462	0.507337042	1.971076261	1.121334417	2.210235649
0.4696	0.45252962	0.89174937	0.507462788	1.970587843	1.121391315	2.209800092
0.4697	0.45261879	0.89170411	0.507588546	1.970099618	1.121448230	2.209364728
0.4698	0.45270796	0.89165885	0.507714317	1.969611584	1.121505162	2.208929558
0.4699	0.45279713	0.89161357	0.507840101	1.969123744	1.121562111	2.208494582

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.4700	0.45288629	0.89156829	0.507965897	1.968636095	1.121619076	2.208059798
0.4701	0.45297544	0.89152300	0.508091706	1.968148638	1.121676059	2.207625208
0.4702	0.45306459	0.89147769	0.508217529	1.967661373	1.121733059	2.207190811
0.4703	0.45315374	0.89143238	0.508343363	1.967174300	1.121790076	2.206756608
0.4704	0.45324288	0.89138706	0.508469211	1.966687418	1.121847110	2.206322596
0.4705	0.45333201	0.89134173	0.508595072	1.966200728	1.121904161	2.205888778
0.4706	0.45342114	0.89129640	0.508720945	1.965714229	1.121961229	2.205455152
0.4707	0.45351027	0.89125105	0.508846831	1.965227921	1.122018314	2.205021719
0.4708	0.45359940	0.89120569	0.508972730	1.964741805	1.122075416	2.204588478
0.4709	0.45368851	0.89116033	0.509098642	1.964255879	1.122132535	2.204155430
0.4710	0.45377763	0.89111496	0.509224566	1.963770144	1.122189672	2.203722573
0.4711	0.45386674	0.89106957	0.509350504	1.963284600	1.122246825	2.203289909
0.4712	0.45395584	0.89102418	0.509476454	1.962799247	1.122303995	2.202857436
0.4713	0.45404494	0.89097878	0.509602417	1.962314084	1.122361182	2.202425155
0.4714	0.45413404	0.89093337	0.509728393	1.961829112	1.122418387	2.201993066
0.4715	0.45422313	0.89088796	0.509854382	1.961344329	1.122475608	2.201561168
0.4716	0.45431221	0.89084253	0.509980383	1.960859737	1.122532846	2.201129462
0.4717	0.45440130	0.89079709	0.510106398	1.960375335	1.122590102	2.200697947
0.4718	0.45449037	0.89075165	0.510232425	1.959891123	1.122647374	2.200266623
0.4719	0.45457945	0.89070620	0.510358465	1.959407100	1.122704664	2.199835491
0.4720	0.45466851	0.89066073	0.510484518	1.958923268	1.122761971	2.199404549
0.4721	0.45475758	0.89061526	0.510610584	1.958439624	1.122819295	2.198973798
0.4722	0.45484664	0.89056978	0.510736663	1.957956170	1.122876635	2.198543237
0.4723	0.45493569	0.89052429	0.510862754	1.957472906	1.122933993	2.198112867
0.4724	0.45502474	0.89047879	0.510988859	1.956989830	1.122991369	2.197682688
0.4725	0.45511379	0.89043329	0.511114976	1.956506944	1.123048761	2.197252699
0.4726	0.45520283	0.89038777	0.511241106	1.956024246	1.123106170	2.196822900
0.4727	0.45529187	0.89034225	0.511367250	1.955541738	1.123163596	2.196393291
0.4728	0.45538090	0.89029671	0.511493406	1.955059418	1.123221040	2.195963872
0.4729	0.45546993	0.89025117	0.511619575	1.954577286	1.123278500	2.195534643
0.4730	0.45555895	0.89020562	0.511745757	1.954095343	1.123335978	2.195105603
0.4731	0.45564797	0.89016006	0.511871951	1.953613588	1.123393473	2.194676754
0.4732	0.45573698	0.89011449	0.511998159	1.953132022	1.123450985	2.194248093
0.4733	0.45582599	0.89006891	0.512124380	1.952650644	1.123508514	2.193819622
0.4734	0.45591499	0.89002332	0.512250614	1.952169453	1.123566060	2.193391341
0.4735	0.45600399	0.88997773	0.512376860	1.951688450	1.123623623	2.192963248
0.4736	0.45609299	0.88993212	0.512503120	1.951207635	1.123681204	2.192535344
0.4737	0.45618198	0.88988651	0.512629392	1.950727008	1.123738801	2.192107630
0.4738	0.45627097	0.88984089	0.512755677	1.950246568	1.123796416	2.191680104
0.4739	0.45635995	0.88979526	0.512881976	1.949766316	1.123854048	2.191252766
0.4740	0.45644893	0.88974962	0.513008287	1.949286250	1.123911697	2.190825617
0.4741	0.45653790	0.88970397	0.513134611	1.948806372	1.123969363	2.190398657
0.4742	0.45662687	0.88965831	0.513260948	1.948326681	1.124027046	2.189971885
0.4743	0.45671583	0.88961264	0.513387298	1.947847177	1.124084747	2.189545301
0.4744	0.45680479	0.88956696	0.513513662	1.947367859	1.124142465	2.189118905
0.4745	0.45689374	0.88952128	0.513640038	1.946888729	1.124200199	2.188692697
0.4746	0.45698269	0.88947559	0.513766427	1.946409784	1.124257951	2.188266677
0.4747	0.45707164	0.88942988	0.513892829	1.945931026	1.124315721	2.187840844
0.4748	0.45716058	0.88938417	0.514019244	1.945452455	1.124373507	2.187415199
0.4749	0.45724952	0.88933845	0.514145672	1.944974069	1.124431311	2.186989742

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.4750	0.45733845	0.88929272	0.514272113	1.944495870	1.124489131	2.186564471
0.4751	0.45742737	0.88924698	0.514398567	1.944017856	1.124546969	2.186139388
0.4752	0.45751630	0.88920124	0.514525034	1.943540029	1.124604824	2.185714493
0.4753	0.45760521	0.88915548	0.514651514	1.943062387	1.124662697	2.185289784
0.4754	0.45769413	0.88910972	0.514778008	1.942584930	1.124720586	2.184865262
0.4755	0.45778304	0.88906394	0.514904514	1.942107659	1.124778493	2.184440926
0.4756	0.45787194	0.88901816	0.515031033	1.941630574	1.124836417	2.184016778
0.4757	0.45796084	0.88897237	0.515157565	1.941153674	1.124894358	2.183592816
0.4758	0.45804973	0.88892657	0.515284110	1.940676958	1.124952317	2.183169040
0.4759	0.45813863	0.88888076	0.515410669	1.940200428	1.125010292	2.182745450
0.4760	0.45822751	0.88883494	0.515537240	1.939724083	1.125068285	2.182322047
0.4761	0.45831639	0.88878911	0.515663824	1.939247922	1.125126295	2.181898830
0.4762	0.45840527	0.88874328	0.515790422	1.938771946	1.125184322	2.181475798
0.4763	0.45849414	0.88869743	0.515917032	1.938296155	1.125242367	2.181052953
0.4764	0.45858301	0.88865158	0.516043656	1.937820548	1.125300429	2.180630293
0.4765	0.45867187	0.88860571	0.516170293	1.937345125	1.125358508	2.180207819
0.4766	0.45876073	0.88855984	0.516296942	1.936869886	1.125416604	2.179785530
0.4767	0.45884958	0.88851396	0.516423605	1.936394832	1.125474718	2.179363427
0.4768	0.45893843	0.88846807	0.516550281	1.935919961	1.125532848	2.178941508
0.4769	0.45902728	0.88842217	0.516676970	1.935445275	1.125590996	2.178519775
0.4770	0.45911612	0.88837627	0.516803672	1.934970772	1.125649162	2.178098227
0.4771	0.45920495	0.88833035	0.516930387	1.934496452	1.125707344	2.177676864
0.4772	0.45929378	0.88828443	0.517057115	1.934022316	1.125765544	2.177255686
0.4773	0.45938261	0.88823849	0.517183857	1.933548364	1.125823761	2.176834692
0.4774	0.45947143	0.88819255	0.517310611	1.933074594	1.125881996	2.176413882
0.4775	0.45956025	0.88814660	0.517437379	1.932601008	1.125940248	2.175993258
0.4776	0.45964906	0.88810064	0.517564160	1.932127605	1.125998517	2.175572817
0.4777	0.45973787	0.88805467	0.517690953	1.931654385	1.126056803	2.175152561
0.4778	0.45982667	0.88800869	0.517817760	1.931181347	1.126115106	2.174732488
0.4779	0.45991547	0.88796270	0.517944580	1.930708493	1.126173427	2.174312600
0.4780	0.46000426	0.88791671	0.518071414	1.930235820	1.126231765	2.173892896
0.4781	0.46009305	0.88787070	0.518198260	1.929763330	1.126290121	2.173473375
0.4782	0.46018184	0.88782469	0.518325120	1.929291023	1.126348494	2.173054038
0.4783	0.46027062	0.88777867	0.518451992	1.928818898	1.126406884	2.172634884
0.4784	0.46035939	0.88773263	0.518578878	1.928346954	1.126465291	2.172215914
0.4785	0.46044816	0.88768659	0.518705777	1.927875193	1.126523716	2.171797127
0.4786	0.46053693	0.88764054	0.518832689	1.927403614	1.126582158	2.171378523
0.4787	0.46062569	0.88759449	0.518959614	1.926932216	1.126640618	2.170960102
0.4788	0.46071445	0.88754842	0.519086553	1.926461000	1.126699094	2.170541864
0.4789	0.46080320	0.88750234	0.519213505	1.925989966	1.126757589	2.170123809
0.4790	0.46089195	0.88745626	0.519340469	1.925519113	1.126816100	2.169705937
0.4791	0.46098069	0.88741016	0.519467448	1.925048441	1.126874629	2.169288247
0.4792	0.46106943	0.88736406	0.519594439	1.924577950	1.126933175	2.168870740
0.4793	0.46115817	0.88731795	0.519721443	1.924107641	1.126991738	2.168453415
0.4794	0.46124690	0.88727183	0.519848461	1.923637512	1.127050319	2.168036272
0.4795	0.46133562	0.88722570	0.519975492	1.923167565	1.127108918	2.167619312
0.4796	0.46142434	0.88717956	0.520102536	1.922697798	1.127167533	2.167202533
0.4797	0.46151306	0.88713342	0.520229593	1.922228211	1.127226166	2.166785937
0.4798	0.46160177	0.88708726	0.520356664	1.921758805	1.127284816	2.166369522
0.4799	0.46169047	0.88704110	0.520483747	1.921289580	1.127343484	2.165953289

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.4800	0.46177918	0.88699492	0.520610844	1.920820534	1.127402169	2.165537237
0.4801	0.46186787	0.88694874	0.520737954	1.920351669	1.127460872	2.165121367
0.4802	0.46195657	0.88690255	0.520865078	1.919882984	1.127519592	2.164705678
0.4803	0.46204525	0.88685635	0.520992214	1.919414479	1.127578329	2.164290171
0.4804	0.46213394	0.88681014	0.521119364	1.918946154	1.127637083	2.163874844
0.4805	0.46222262	0.88676392	0.521246528	1.918478008	1.127695855	2.163459699
0.4806	0.46231129	0.88671770	0.521373704	1.918010042	1.127754645	2.163044734
0.4807	0.46239996	0.88667146	0.521500894	1.917542256	1.127813452	2.162629950
0.4808	0.46248862	0.88662522	0.521628097	1.917074649	1.127872276	2.162215347
0.4809	0.46257728	0.88657896	0.521755313	1.916607221	1.127931118	2.161800925
0.4810	0.46266594	0.88653270	0.521882542	1.916139972	1.127989977	2.161386683
0.4811	0.46275459	0.88648643	0.522009785	1.915672902	1.128048853	2.160972621
0.4812	0.46284324	0.88644015	0.522137041	1.915206011	1.128107747	2.160558739
0.4813	0.46293188	0.88639386	0.522264311	1.914739299	1.128166659	2.160145038
0.4814	0.46302052	0.88634756	0.522391593	1.914272766	1.128225588	2.159731516
0.4815	0.46310915	0.88630126	0.522518889	1.913806411	1.128284534	2.159318175
0.4816	0.46319778	0.88625494	0.522646198	1.913340235	1.128343498	2.158905013
0.4817	0.46328640	0.88620862	0.522773521	1.912874237	1.128402479	2.158492031
0.4818	0.46337502	0.88616228	0.522900857	1.912408417	1.128461477	2.158079228
0.4819	0.46346363	0.88611594	0.523028206	1.911942776	1.128520494	2.157666605
0.4820	0.46355224	0.88606959	0.523155569	1.911477312	1.128579527	2.157254161
0.4821	0.46364085	0.88602323	0.523282944	1.911012027	1.128638578	2.156841896
0.4822	0.46372945	0.88597686	0.523410334	1.910546919	1.128697647	2.156429811
0.4823	0.46381804	0.88593049	0.523537736	1.910081989	1.128756732	2.156017904
0.4824	0.46390663	0.88588410	0.523665152	1.909617236	1.128815836	2.155606177
0.4825	0.46399522	0.88583770	0.523792581	1.909152661	1.128874957	2.155194628
0.4826	0.46408380	0.88579130	0.523920024	1.908688263	1.128934095	2.154783257
0.4827	0.46417238	0.88574489	0.524047480	1.908224043	1.128993251	2.154372066
0.4828	0.46426095	0.88569847	0.524174949	1.907760000	1.129052424	2.153961053
0.4829	0.46434952	0.88565204	0.524302431	1.907296133	1.129111615	2.153550218
0.4830	0.46443808	0.88560560	0.524429927	1.906832444	1.129170824	2.153139561
0.4831	0.46452664	0.88555915	0.524557437	1.906368931	1.129230049	2.152729082
0.4832	0.46461519	0.88551269	0.524684959	1.905905595	1.129289293	2.152318782
0.4833	0.46470374	0.88546622	0.524812496	1.905442436	1.129348554	2.151908659
0.4834	0.46479228	0.88541975	0.524940045	1.904979453	1.129407832	2.151498714
0.4835	0.46488082	0.88537327	0.525067608	1.904516647	1.129467128	2.151088947
0.4836	0.46496936	0.88532677	0.525195184	1.904054016	1.129526441	2.150679357
0.4837	0.46505789	0.88528027	0.525322774	1.903591562	1.129585772	2.150269945
0.4838	0.46514641	0.88523376	0.525450377	1.903129284	1.129645121	2.149860710
0.4839	0.46523494	0.88518724	0.525577994	1.902667182	1.129704487	2.149451652
0.4840	0.46532345	0.88514072	0.525705624	1.902205256	1.129763870	2.149042772
0.4841	0.46541196	0.88509418	0.525833267	1.901743505	1.129823271	2.148634068
0.4842	0.46550047	0.88504763	0.525960924	1.901281930	1.129882690	2.148225541
0.4843	0.46558897	0.88500108	0.526088594	1.900820530	1.129942126	2.147817192
0.4844	0.46567747	0.88495451	0.526216278	1.900359306	1.130001580	2.147409018
0.4845	0.46576596	0.88490794	0.526343975	1.899898257	1.130061051	2.147001022
0.4846	0.46585445	0.88486136	0.526471685	1.899437383	1.130120540	2.146593202
0.4847	0.46594294	0.88481477	0.526599409	1.898976685	1.130180047	2.146185558
0.4848	0.46603142	0.88476817	0.526727147	1.898516161	1.130239571	2.145778090
0.4849	0.46611989	0.88472157	0.526854897	1.898055812	1.130299112	2.145370799

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.4850	0.46620836	0.88467495	0.526982662	1.897595638	1.130358671	2.144963684
0.4851	0.46629682	0.88462832	0.527110440	1.897135638	1.130418248	2.144556744
0.4852	0.46638529	0.88458169	0.527238231	1.896675813	1.130477842	2.144149981
0.4853	0.46647374	0.88453505	0.527366036	1.896216162	1.130537454	2.143743393
0.4854	0.46656219	0.88448839	0.527493854	1.895756686	1.130597084	2.143336980
0.4855	0.46665064	0.88444173	0.527621686	1.895297383	1.130656731	2.142930744
0.4856	0.46673908	0.88439506	0.527749531	1.894838255	1.130716396	2.142524682
0.4857	0.46682752	0.88434839	0.527877389	1.894379301	1.130776078	2.142118796
0.4858	0.46691595	0.88430170	0.528005262	1.893920521	1.130835778	2.141713085
0.4859	0.46700438	0.88425500	0.528133147	1.893461914	1.130895495	2.141307549
0.4860	0.46709280	0.88420830	0.528261047	1.893003481	1.130955230	2.140902188
0.4861	0.46718122	0.88416158	0.528388959	1.892545221	1.131014983	2.140497002
0.4862	0.46726963	0.88411486	0.528516886	1.892087135	1.131074754	2.140091991
0.4863	0.46735804	0.88406813	0.528644825	1.891629223	1.131134542	2.139687154
0.4864	0.46744645	0.88402139	0.528772779	1.891171483	1.131194347	2.139282492
0.4865	0.46753485	0.88397464	0.528900745	1.890713917	1.131254171	2.138878004
0.4866	0.46762324	0.88392788	0.529028726	1.890256523	1.131314012	2.138473690
0.4867	0.46771163	0.88388112	0.529156720	1.889799303	1.131373870	2.138069551
0.4868	0.46780002	0.88383434	0.529284727	1.889342255	1.131433746	2.137665586
0.4869	0.46788840	0.88378756	0.529412748	1.888885380	1.131493640	2.137261795
0.4870	0.46797678	0.88374076	0.529540783	1.888428677	1.131553552	2.136858177
0.4871	0.46806515	0.88369396	0.529668831	1.887972147	1.131613481	2.136454734
0.4872	0.46815351	0.88364715	0.529796893	1.887515790	1.131673428	2.136051464
0.4873	0.46824188	0.88360033	0.529924968	1.887059604	1.131733392	2.135648367
0.4874	0.46833023	0.88355350	0.530053057	1.886603591	1.131793375	2.135245445
0.4875	0.46841859	0.88350666	0.530181159	1.886147749	1.131853375	2.134842695
0.4876	0.46850694	0.88345982	0.530309275	1.885692080	1.131913392	2.134440119
0.4877	0.46859528	0.88341296	0.530437405	1.885236582	1.131973427	2.134037716
0.4878	0.46868362	0.88336610	0.530565548	1.884781257	1.132033480	2.133635486
0.4879	0.46877195	0.88331923	0.530693705	1.884326102	1.132093551	2.133233428
0.4880	0.46886028	0.88327235	0.530821875	1.883871120	1.132153639	2.132831544
0.4881	0.46894861	0.88322545	0.530950059	1.883416308	1.132213745	2.132429832
0.4882	0.46903693	0.88317856	0.531078257	1.882961668	1.132273869	2.132028293
0.4883	0.46912524	0.88313165	0.531206468	1.882507199	1.132334011	2.131626927
0.4884	0.46921355	0.88308473	0.531334693	1.882052901	1.132394170	2.131225733
0.4885	0.46930186	0.88303780	0.531462931	1.881598775	1.132454347	2.130824711
0.4886	0.46939016	0.88299087	0.531591183	1.881144819	1.132514541	2.130423861
0.4887	0.46947846	0.88294393	0.531719449	1.880691033	1.132574754	2.130023184
0.4888	0.46956675	0.88289697	0.531847728	1.880237419	1.132634984	2.129622678
0.4889	0.46965504	0.88285001	0.531976021	1.879783975	1.132695231	2.129222344
0.4890	0.46974332	0.88280304	0.532104328	1.879330701	1.132755497	2.128822182
0.4891	0.46983160	0.88275606	0.532232648	1.878877598	1.132815780	2.128422192
0.4892	0.46991987	0.88270908	0.532360982	1.878424665	1.132876081	2.128022373
0.4893	0.47000814	0.88266208	0.532489330	1.877971902	1.132936400	2.127622726
0.4894	0.47009640	0.88261508	0.532617691	1.877519309	1.132996737	2.127223250
0.4895	0.47018466	0.88256806	0.532746066	1.877066886	1.133057091	2.126823946
0.4896	0.47027292	0.88252104	0.532874455	1.876614633	1.133117463	2.126424812
0.4897	0.47036117	0.88247401	0.533002857	1.876162550	1.133177853	2.126025850
0.4898	0.47044941	0.88242697	0.533131273	1.875710636	1.133238260	2.125627058
0.4899	0.47053765	0.88237992	0.533259703	1.875258892	1.133298686	2.125228437

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.4900	0.47062589	0.88233286	0.533388147	1.874807317	1.133359129	2.124829987
0.4901	0.47071412	0.88228579	0.533516604	1.874355911	1.133419590	2.124431708
0.4902	0.47080235	0.88223872	0.533645075	1.873904675	1.133480068	2.124033599
0.4903	0.47089057	0.88219163	0.533773559	1.873453607	1.133540565	2.123635661
0.4904	0.47097878	0.88214454	0.533902057	1.873002709	1.133601079	2.123237892
0.4905	0.47106700	0.88209744	0.534030569	1.872551980	1.133661611	2.122840295
0.4906	0.47115520	0.88205032	0.534159095	1.872101419	1.133722161	2.122442867
0.4907	0.47124341	0.88200320	0.534287635	1.871651027	1.133782729	2.122045609
0.4908	0.47133160	0.88195608	0.534416188	1.871200803	1.133843315	2.121648521
0.4909	0.47141980	0.88190894	0.534544755	1.870750748	1.133903918	2.121251603
0.4910	0.47150799	0.88186179	0.534673335	1.870300862	1.133964539	2.120854854
0.4911	0.47159617	0.88181464	0.534801930	1.869851143	1.134025178	2.120458275
0.4912	0.47168435	0.88176747	0.534930538	1.869401593	1.134085835	2.120061866
0.4913	0.47177252	0.88172030	0.535059160	1.868952211	1.134146509	2.119665626
0.4914	0.47186069	0.88167312	0.535187796	1.868502996	1.134207202	2.119269555
0.4915	0.47194886	0.88162593	0.535316445	1.868053950	1.134267912	2.118873654
0.4916	0.47203702	0.88157873	0.535445109	1.867605071	1.134328640	2.118477921
0.4917	0.47212517	0.88153152	0.535573786	1.867156360	1.134389386	2.118082357
0.4918	0.47221332	0.88148430	0.535702476	1.866707817	1.134450150	2.117686963
0.4919	0.47230147	0.88143708	0.535831181	1.866259440	1.134510932	2.117291737
0.4920	0.47238961	0.88138984	0.535959899	1.865811232	1.134571731	2.116896680
0.4921	0.47247775	0.88134260	0.536088632	1.865363190	1.134632549	2.116501791
0.4922	0.47256588	0.88129535	0.536217378	1.864915316	1.134693384	2.116107071
0.4923	0.47265401	0.88124809	0.536346137	1.864467608	1.134754237	2.115712519
0.4924	0.47274213	0.88120082	0.536474911	1.864020068	1.134815108	2.115318135
0.4925	0.47283025	0.88115354	0.536603698	1.863572694	1.134875997	2.114923920
0.4926	0.47291836	0.88110625	0.536732500	1.863125487	1.134936904	2.114529872
0.4927	0.47300647	0.88105895	0.536861315	1.862678447	1.134997829	2.114135993
0.4928	0.47309457	0.88101165	0.536990144	1.862231573	1.135058771	2.113742281
0.4929	0.47318267	0.88096434	0.537118987	1.861784865	1.135119732	2.113348737
0.4930	0.47327076	0.88091701	0.537247843	1.861338324	1.135180710	2.112955361
0.4931	0.47335885	0.88086968	0.537376714	1.860891949	1.135241707	2.112562152
0.4932	0.47344694	0.88082234	0.537505598	1.860445740	1.135302721	2.112169111
0.4933	0.47353502	0.88077499	0.537634496	1.859999698	1.135363753	2.111776237
0.4934	0.47362309	0.88072763	0.537763408	1.859553821	1.135424803	2.111383530
0.4935	0.47371116	0.88068027	0.537892334	1.859108109	1.135485871	2.110990991
0.4936	0.47379923	0.88063289	0.538021274	1.858662564	1.135546957	2.110598618
0.4937	0.47388729	0.88058551	0.538150227	1.858217184	1.135608061	2.110206413
0.4938	0.47397535	0.88053811	0.538279195	1.857771970	1.135669182	2.109814374
0.4939	0.47406340	0.88049071	0.538408176	1.857326921	1.135730322	2.109422502
0.4940	0.47415145	0.88044330	0.538537171	1.856882037	1.135791480	2.109030796
0.4941	0.47423949	0.88039588	0.538666181	1.856437319	1.135852655	2.108639257
0.4942	0.47432752	0.88034845	0.538795204	1.855992765	1.135913849	2.108247885
0.4943	0.47441556	0.88030102	0.538924241	1.855548377	1.135975060	2.107856679
0.4944	0.47450358	0.88025357	0.539053292	1.855104153	1.136036290	2.107465639
0.4945	0.47459161	0.88020612	0.539182356	1.854660094	1.136097537	2.107074765
0.4946	0.47467963	0.88015865	0.539311435	1.854216200	1.136158802	2.106684057
0.4947	0.47476764	0.88011118	0.539440528	1.853772471	1.136220086	2.106293516
0.4948	0.47485565	0.88006370	0.539569634	1.853328906	1.136281387	2.105903140
0.4949	0.47494365	0.88001621	0.539698755	1.852885505	1.136342706	2.105512929

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.4950	0.47503165	0.87996871	0.539827889	1.852442269	1.136404043	2.105122885
0.4951	0.47511965	0.87992120	0.539957038	1.851999197	1.136465399	2.104733005
0.4952	0.47520764	0.87987369	0.540086200	1.851556289	1.136526772	2.104343292
0.4953	0.47529562	0.87982616	0.540215376	1.851113544	1.136588163	2.103953743
0.4954	0.47538360	0.87977863	0.540344567	1.850670964	1.136649572	2.103564360
0.4955	0.47547158	0.87973108	0.540473771	1.850228548	1.136711000	2.103175142
0.4956	0.47555955	0.87968353	0.540602989	1.849786295	1.136772445	2.102786089
0.4957	0.47564751	0.87963597	0.540732221	1.849344206	1.136833908	2.102397201
0.4958	0.47573547	0.87958840	0.540861467	1.848902280	1.136895390	2.102008478
0.4959	0.47582343	0.87954083	0.540990727	1.848460518	1.136956889	2.101619920
0.4960	0.47591138	0.87949324	0.541120001	1.848018919	1.137018406	2.101231526
0.4961	0.47599933	0.87944564	0.541249289	1.847577483	1.137079941	2.100843296
0.4962	0.47608727	0.87939804	0.541378592	1.847136210	1.137141495	2.100455232
0.4963	0.47617521	0.87935043	0.541507908	1.846695101	1.137203066	2.100067331
0.4964	0.47626314	0.87930280	0.541637238	1.846254154	1.137264656	2.099679595
0.4965	0.47635107	0.87925517	0.541766582	1.845813370	1.137326263	2.099292023
0.4966	0.47643899	0.87920753	0.541895940	1.845372748	1.137387889	2.098904614
0.4967	0.47652691	0.87915988	0.542025312	1.844932290	1.137449532	2.098517370
0.4968	0.47661482	0.87911223	0.542154698	1.844491993	1.137511194	2.098130290
0.4969	0.47670273	0.87906456	0.542284098	1.844051859	1.137572874	2.097743373
0.4970	0.47679064	0.87901689	0.542413513	1.843611888	1.137634572	2.097356620
0.4971	0.47687854	0.87896920	0.542542941	1.843172078	1.137696288	2.096970031
0.4972	0.47696643	0.87892151	0.542672383	1.842732431	1.137758021	2.096583605
0.4973	0.47705432	0.87887381	0.542801840	1.842292946	1.137819774	2.096197342
0.4974	0.47714221	0.87882610	0.542931310	1.841853622	1.137881544	2.095811243
0.4975	0.47723009	0.87877838	0.543060794	1.841414461	1.137943332	2.095425307
0.4976	0.47731796	0.87873065	0.543190293	1.840975461	1.138005138	2.095039534
0.4977	0.47740583	0.87868292	0.543319806	1.840536623	1.138066962	2.094653924
0.4978	0.47749370	0.87863517	0.543449332	1.840097946	1.138128805	2.094268476
0.4979	0.47758156	0.87858742	0.543578873	1.839659431	1.138190666	2.093883192
0.4980	0.47766942	0.87853966	0.543708428	1.839221077	1.138252544	2.093498070
0.4981	0.47775727	0.87849189	0.543837997	1.838782884	1.138314441	2.093113111
0.4982	0.47784511	0.87844411	0.543967580	1.838344852	1.138376356	2.092728314
0.4983	0.47793296	0.87839632	0.544097177	1.837906981	1.138438289	2.092343679
0.4984	0.47802079	0.87834852	0.544226788	1.837469272	1.138500240	2.091959207
0.4985	0.47810863	0.87830071	0.544356413	1.837031723	1.138562210	2.091574897
0.4986	0.47819645	0.87825290	0.544486053	1.836594334	1.138624197	2.091190749
0.4987	0.47828428	0.87820507	0.544615707	1.836157107	1.138686203	2.090806763
0.4988	0.47837209	0.87815724	0.544745374	1.835720040	1.138748226	2.090422939
0.4989	0.47845991	0.87810940	0.544875056	1.835283133	1.138810268	2.090039277
0.4990	0.47854772	0.87806155	0.545004752	1.834846387	1.138872328	2.089655776
0.4991	0.47863552	0.87801369	0.545134462	1.834409801	1.138934406	2.089272437
0.4992	0.47872332	0.87796582	0.545264186	1.833973375	1.138996503	2.088889260
0.4993	0.47881111	0.87791794	0.545393925	1.833537109	1.139058617	2.088506244
0.4994	0.47889890	0.87787006	0.545523677	1.833101003	1.139120750	2.088123389
0.4995	0.47898669	0.87782216	0.545653444	1.832665057	1.139182901	2.087740696
0.4996	0.47907447	0.87777426	0.545783225	1.832229271	1.139245070	2.087358163
0.4997	0.47916224	0.87772635	0.545913020	1.831793644	1.139307257	2.086975792
0.4998	0.47925001	0.87767843	0.546042829	1.831358177	1.139369462	2.086593581
0.4999	0.47933778	0.87763050	0.546172652	1.830922870	1.139431686	2.086211532

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.5000	0.47942554	0.87758256	0.546302490	1.830487722	1.139493927	2.085829643
0.5001	0.47951329	0.87753461	0.546432342	1.830052733	1.139556187	2.085447915
0.5002	0.47960105	0.87748666	0.546562208	1.829617903	1.139618465	2.085066347
0.5003	0.47968879	0.87743869	0.546692088	1.829183232	1.139680762	2.084684940
0.5004	0.47977653	0.87739072	0.546821982	1.828748721	1.139743076	2.084303693
0.5005	0.47986427	0.87734274	0.546951890	1.828314368	1.139805409	2.083922606
0.5006	0.47995200	0.87729475	0.547081813	1.827880174	1.139867760	2.083541680
0.5007	0.48003973	0.87724675	0.547211750	1.827446139	1.139930129	2.083160913
0.5008	0.48012745	0.87719874	0.547341701	1.827012262	1.139992517	2.082780307
0.5009	0.48021517	0.87715072	0.547471667	1.826578544	1.140054922	2.082399860
0.5010	0.48030288	0.87710270	0.547601646	1.826144984	1.140117346	2.082019573
0.5011	0.48039059	0.87705466	0.547731640	1.825711583	1.140179788	2.081639446
0.5012	0.48047829	0.87700662	0.547861648	1.825278340	1.140242249	2.081259479
0.5013	0.48056599	0.87695857	0.547991671	1.824845255	1.140304727	2.080879671
0.5014	0.48065368	0.87691051	0.548121707	1.824412328	1.140367224	2.080500022
0.5015	0.48074137	0.87686244	0.548251758	1.823979559	1.140429739	2.080120533
0.5016	0.48082906	0.87681436	0.548381823	1.823546947	1.140492273	2.079741202
0.5017	0.48091674	0.87676627	0.548511903	1.823114494	1.140554824	2.079362031
0.5018	0.48100441	0.87671817	0.548641996	1.822682198	1.140617394	2.078983019
0.5019	0.48109208	0.87667007	0.548772104	1.822250060	1.140679983	2.078604166
0.5020	0.48117974	0.87662196	0.548902227	1.821818079	1.140742589	2.078225472
0.5021	0.48126740	0.87657383	0.549032363	1.821386255	1.140805214	2.077846937
0.5022	0.48135506	0.87652570	0.549162514	1.820954589	1.140867857	2.077468560
0.5023	0.48144271	0.87647756	0.549292679	1.820523080	1.140930518	2.077090341
0.5024	0.48153035	0.87642941	0.549422858	1.820091728	1.140993198	2.076712281
0.5025	0.48161799	0.87638126	0.549553052	1.819660533	1.141055896	2.076334380
0.5026	0.48170563	0.87633309	0.549683260	1.819229495	1.141118612	2.075956637
0.5027	0.48179326	0.87628492	0.549813482	1.818798614	1.141181346	2.075579052
0.5028	0.48188089	0.87623673	0.549943719	1.818367890	1.141244099	2.075201625
0.5029	0.48196851	0.87618854	0.550073970	1.817937322	1.141306870	2.074824356
0.5030	0.48205612	0.87614034	0.550204235	1.817506911	1.141369660	2.074447244
0.5031	0.48214374	0.87609213	0.550334515	1.817076656	1.141432468	2.074070291
0.5032	0.48223134	0.87604391	0.550464809	1.816646557	1.141495294	2.073693495
0.5033	0.48231895	0.87599568	0.550595117	1.816216615	1.141558138	2.073316857
0.5034	0.48240654	0.87594745	0.550725440	1.815786828	1.141621001	2.072940377
0.5035	0.48249413	0.87589920	0.550855777	1.815357198	1.141683882	2.072564054
0.5036	0.48258172	0.87585095	0.550986128	1.814927724	1.141746782	2.072187888
0.5037	0.48266931	0.87580268	0.551116494	1.814498406	1.141809700	2.071811880
0.5038	0.48275688	0.87575441	0.551246874	1.814069243	1.141872636	2.071436028
0.5039	0.48284446	0.87570613	0.551377269	1.813640236	1.141935590	2.071060334
0.5040	0.48293202	0.87565784	0.551507678	1.813211385	1.141998563	2.070684796
0.5041	0.48301959	0.87560955	0.551638101	1.812782689	1.142061555	2.070309416
0.5042	0.48310715	0.87556124	0.551768539	1.812354149	1.142124564	2.069934192
0.5043	0.48319470	0.87551293	0.551898991	1.811925763	1.142187592	2.069559125
0.5044	0.48328225	0.87546460	0.552029457	1.811497534	1.142250639	2.069184215
0.5045	0.48336979	0.87541627	0.552159938	1.811069459	1.142313703	2.068809461
0.5046	0.48345733	0.87536793	0.552290433	1.810641539	1.142376787	2.068434863
0.5047	0.48354487	0.87531958	0.552420943	1.810213774	1.142439888	2.068060422
0.5048	0.48363240	0.87527122	0.552551467	1.809786164	1.142503008	2.067686137
0.5049	0.48371992	0.87522285	0.552682006	1.809358709	1.142566147	2.067312008

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.5050	0.48380744	0.87517447	0.552812558	1.808931408	1.142629303	2.066938035
0.5051	0.48389496	0.87512609	0.552943126	1.808504262	1.142692479	2.066564218
0.5052	0.48398247	0.87507770	0.553073708	1.808077271	1.142755672	2.066190557
0.5053	0.48406997	0.87502929	0.553204304	1.807650434	1.142818884	2.065817052
0.5054	0.48415747	0.87498088	0.553334915	1.807223751	1.142882115	2.065443702
0.5055	0.48424497	0.87493246	0.553465540	1.806797222	1.142945363	2.065070508
0.5056	0.48433246	0.87488403	0.553596180	1.806370848	1.143008631	2.064697469
0.5057	0.48441994	0.87483559	0.553726834	1.805944627	1.143071916	2.064324586
0.5058	0.48450743	0.87478715	0.553857502	1.805518560	1.143135221	2.063951858
0.5059	0.48459490	0.87473869	0.553988185	1.805092647	1.143198543	2.063579285
0.5060	0.48468237	0.87469023	0.554118883	1.804666888	1.143261884	2.063206867
0.5061	0.48476984	0.87464176	0.554249595	1.804241283	1.143325244	2.062834605
0.5062	0.48485730	0.87459328	0.554380321	1.803815831	1.143388622	2.062462497
0.5063	0.48494476	0.87454479	0.554511062	1.803390533	1.143452018	2.062090544
0.5064	0.48503221	0.87449629	0.554641818	1.802965388	1.143515433	2.061718746
0.5065	0.48511966	0.87444778	0.554772588	1.802540396	1.143578867	2.061347103
0.5066	0.48520710	0.87439926	0.554903372	1.802115557	1.143642318	2.060975614
0.5067	0.48529454	0.87435074	0.555034171	1.801690872	1.143705789	2.060604280
0.5068	0.48538197	0.87430220	0.555164985	1.801266339	1.143769278	2.060233100
0.5069	0.48546940	0.87425366	0.555295813	1.800841959	1.143832785	2.059862074
0.5070	0.48555682	0.87420511	0.555426656	1.800417733	1.143896311	2.059491202
0.5071	0.48564424	0.87415655	0.555557513	1.799993659	1.143959855	2.059120485
0.5072	0.48573165	0.87410798	0.555688384	1.799569737	1.144023418	2.058749921
0.5073	0.48581906	0.87405940	0.555819271	1.799145968	1.144086999	2.058379512
0.5074	0.48590646	0.87401082	0.555950171	1.798722352	1.144150599	2.058009256
0.5075	0.48599386	0.87396222	0.556081087	1.798298888	1.144214217	2.057639155
0.5076	0.48608126	0.87391362	0.556212017	1.797875576	1.144277854	2.057269206
0.5077	0.48616865	0.87386501	0.556342961	1.797452417	1.144341510	2.056899412
0.5078	0.48625603	0.87381638	0.556473920	1.797029409	1.144405183	2.056529771
0.5079	0.48634341	0.87376775	0.556604894	1.796606554	1.144468876	2.056160283
0.5080	0.48643078	0.87371912	0.556735882	1.796183850	1.144532587	2.055790948
0.5081	0.48651815	0.87367047	0.556866885	1.795761298	1.144596316	2.055421767
0.5082	0.48660552	0.87362181	0.556997902	1.795338898	1.144660064	2.055052739
0.5083	0.48669288	0.87357315	0.557128934	1.794916650	1.144723831	2.054683864
0.5084	0.48678023	0.87352447	0.557259981	1.794494553	1.144787616	2.054315142
0.5085	0.48686758	0.87347579	0.557391042	1.794072608	1.144851420	2.053946572
0.5086	0.48695493	0.87342710	0.557522118	1.793650814	1.144915242	2.053578156
0.5087	0.48704227	0.87337840	0.557653208	1.793229171	1.144979083	2.053209892
0.5088	0.48712960	0.87332969	0.557784313	1.792807680	1.145042942	2.052841781
0.5089	0.48721693	0.87328097	0.557915433	1.792386339	1.145106820	2.052473822
0.5090	0.48730426	0.87323225	0.558046567	1.791965150	1.145170717	2.052106015
0.5091	0.48739158	0.87318351	0.558177716	1.791544111	1.145234632	2.051738361
0.5092	0.48747890	0.87313477	0.558308879	1.791123224	1.145298566	2.051370859
0.5093	0.48756621	0.87308602	0.558440058	1.790702487	1.145362518	2.051003510
0.5094	0.48765351	0.87303726	0.558571251	1.790281901	1.145426489	2.050636312
0.5095	0.48774081	0.87298849	0.558702458	1.789861465	1.145490479	2.050269266
0.5096	0.48782811	0.87293971	0.558833680	1.789441180	1.145554487	2.049902372
0.5097	0.48791540	0.87289092	0.558964917	1.789021045	1.145618514	2.049535630
0.5098	0.48800269	0.87284213	0.559096169	1.788601060	1.145682559	2.049169040
0.5099	0.48808997	0.87279332	0.559227435	1.788181226	1.145746623	2.048802601

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.5100	0.48817725	0.87274451	0.559358716	1.787761542	1.145810705	2.048436314
0.5101	0.48826452	0.87269569	0.559490011	1.787342008	1.145874807	2.048070178
0.5102	0.48835179	0.87264685	0.559621321	1.786922624	1.145938927	2.047704193
0.5103	0.48843905	0.87259802	0.559752646	1.786503389	1.146003065	2.047338360
0.5104	0.48852631	0.87254917	0.559883986	1.786084305	1.146067222	2.046972678
0.5105	0.48861356	0.87250031	0.560015340	1.785665370	1.146131398	2.046607147
0.5106	0.48870081	0.87245144	0.560146710	1.785246585	1.146195592	2.046241767
0.5107	0.48878805	0.87240257	0.560278093	1.784827949	1.146259806	2.045876537
0.5108	0.48887529	0.87235369	0.560409492	1.784409462	1.146324037	2.045511459
0.5109	0.48896252	0.87230479	0.560540905	1.783991125	1.146388288	2.045146531
0.5110	0.48904975	0.87225589	0.560672333	1.783572937	1.146452557	2.044781754
0.5111	0.48913697	0.87220698	0.560803776	1.783154899	1.146516845	2.044417128
0.5112	0.48922419	0.87215807	0.560935233	1.782737009	1.146581151	2.044052652
0.5113	0.48931140	0.87210914	0.561066705	1.782319269	1.146645476	2.043688326
0.5114	0.48939861	0.87206020	0.561198192	1.781901677	1.146709820	2.043324151
0.5115	0.48948581	0.87201126	0.561329694	1.781484234	1.146774182	2.042960126
0.5116	0.48957301	0.87196231	0.561461211	1.781066939	1.146838564	2.042596251
0.5117	0.48966021	0.87191335	0.561592742	1.780649794	1.146902964	2.042232526
0.5118	0.48974740	0.87186438	0.561724288	1.780232797	1.146967382	2.041868950
0.5119	0.48983458	0.87181540	0.561855849	1.779815948	1.147031819	2.041505525
0.5120	0.48992176	0.87176641	0.561987424	1.779399248	1.147096275	2.041142250
0.5121	0.49000893	0.87171741	0.562119015	1.778982696	1.147160750	2.040779124
0.5122	0.49009610	0.87166841	0.562250620	1.778566292	1.147225244	2.040416147
0.5123	0.49018327	0.87161939	0.562382240	1.778150036	1.147289756	2.040053321
0.5124	0.49027043	0.87157037	0.562513875	1.777733928	1.147354287	2.039690643
0.5125	0.49035758	0.87152134	0.562645524	1.777317968	1.147418836	2.039328115
0.5126	0.49044473	0.87147230	0.562777189	1.776902156	1.147483405	2.038965736
0.5127	0.49053187	0.87142325	0.562908868	1.776486492	1.147547992	2.038603507
0.5128	0.49061901	0.87137419	0.563040562	1.776070976	1.147612598	2.038241426
0.5129	0.49070615	0.87132513	0.563172271	1.775655607	1.147677222	2.037879494
0.5130	0.49079328	0.87127605	0.563303994	1.775240385	1.147741866	2.037517711
0.5131	0.49088040	0.87122697	0.563435733	1.774825311	1.147806528	2.037156077
0.5132	0.49096753	0.87117787	0.563567486	1.774410384	1.147871209	2.036794592
0.5133	0.49105464	0.87112877	0.563699255	1.773995604	1.147935908	2.036433256
0.5134	0.49114175	0.87107966	0.563831038	1.773580972	1.148000627	2.036072067
0.5135	0.49122886	0.87103055	0.563962836	1.773166486	1.148065364	2.035711028
0.5136	0.49131596	0.87098142	0.564094649	1.772752148	1.148130120	2.035350136
0.5137	0.49140305	0.87093228	0.564226476	1.772337956	1.148194895	2.034989393
0.5138	0.49149014	0.87088314	0.564358319	1.771923912	1.148259688	2.034628799
0.5139	0.49157723	0.87083398	0.564490176	1.771510013	1.148324501	2.034268352
0.5140	0.49166431	0.87078482	0.564622049	1.771096262	1.148389332	2.033908053
0.5141	0.49175139	0.87073565	0.564753936	1.770682657	1.148454182	2.033547903
0.5142	0.49183846	0.87068647	0.564885838	1.770269199	1.148519051	2.033187900
0.5143	0.49192552	0.87063728	0.565017755	1.769855886	1.148583938	2.032828045
0.5144	0.49201258	0.87058809	0.565149687	1.769442721	1.148648845	2.032468337
0.5145	0.49209964	0.87053888	0.565281634	1.769029701	1.148713770	2.032108777
0.5146	0.49218669	0.87048967	0.565413596	1.768616827	1.148778714	2.031749365
0.5147	0.49227374	0.87044044	0.565545573	1.768204100	1.148843677	2.031390100
0.5148	0.49236078	0.87039121	0.565677564	1.767791518	1.148908659	2.031030982
0.5149	0.49244782	0.87034197	0.565809571	1.767379082	1.148973660	2.030672012

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.5150	0.49253485	0.87029272	0.565941592	1.766966792	1.149038679	2.030313189
0.5151	0.49262188	0.87024346	0.566073629	1.766554648	1.149103717	2.029954513
0.5152	0.49270890	0.87019420	0.566205680	1.766142649	1.149168774	2.029595984
0.5153	0.49279591	0.87014492	0.566337747	1.765730796	1.149233851	2.029237602
0.5154	0.49288293	0.87009564	0.566469828	1.765319088	1.149298945	2.028879366
0.5155	0.49296993	0.87004635	0.566601924	1.764907526	1.149364059	2.028521278
0.5156	0.49305694	0.86999704	0.566734035	1.764496108	1.149429192	2.028163336
0.5157	0.49314393	0.86994773	0.566866162	1.764084836	1.149494343	2.027805540
0.5158	0.49323093	0.86989842	0.566998303	1.763673709	1.149559514	2.027447892
0.5159	0.49331791	0.86984909	0.567130459	1.763262727	1.149624703	2.027090389
0.5160	0.49340490	0.86979975	0.567262630	1.762851890	1.149689911	2.026733033
0.5161	0.49349187	0.86975041	0.567394816	1.762441198	1.149755138	2.026375823
0.5162	0.49357885	0.86970105	0.567527018	1.762030650	1.149820384	2.026018759
0.5163	0.49366581	0.86965169	0.567659234	1.761620247	1.149885649	2.025661842
0.5164	0.49375278	0.86960232	0.567791465	1.761209989	1.149950933	2.025305070
0.5165	0.49383973	0.86955294	0.567923711	1.760799875	1.150016235	2.024948444
0.5166	0.49392669	0.86950355	0.568055973	1.760389906	1.150081557	2.024591964
0.5167	0.49401363	0.86945416	0.568188249	1.759980081	1.150146898	2.024235630
0.5168	0.49410058	0.86940475	0.568320540	1.759570400	1.150212257	2.023879441
0.5169	0.49418752	0.86935534	0.568452846	1.759160863	1.150277635	2.023523398
0.5170	0.49427445	0.86930591	0.568585168	1.758751470	1.150343033	2.023167500
0.5171	0.49436138	0.86925648	0.568717504	1.758342222	1.150408449	2.022811748
0.5172	0.49444830	0.86920704	0.568849856	1.757933117	1.150473884	2.022456141
0.5173	0.49453522	0.86915759	0.568982222	1.757524156	1.150539338	2.022100680
0.5174	0.49462213	0.86910813	0.569114604	1.757115339	1.150604812	2.021745363
0.5175	0.49470904	0.86905867	0.569247001	1.756706665	1.150670304	2.021390192
0.5176	0.49479594	0.86900919	0.569379412	1.756298135	1.150735815	2.021035165
0.5177	0.49488284	0.86895971	0.569511839	1.755889748	1.150801345	2.020680284
0.5178	0.49496973	0.86891021	0.569644281	1.755481505	1.150866894	2.020325547
0.5179	0.49505662	0.86886071	0.569776738	1.755073405	1.150932462	2.019970955
0.5180	0.49514351	0.86881120	0.569909210	1.754665449	1.150998049	2.019616507
0.5181	0.49523039	0.86876168	0.570041697	1.754257635	1.151063655	2.019262204
0.5182	0.49531726	0.86871216	0.570174200	1.753849965	1.151129279	2.018908046
0.5183	0.49540413	0.86866262	0.570306717	1.753442437	1.151194923	2.018554032
0.5184	0.49549099	0.86861308	0.570439250	1.753035053	1.151260586	2.018200162
0.5185	0.49557785	0.86856352	0.570571797	1.752627811	1.151326268	2.017846437
0.5186	0.49566470	0.86851396	0.570704360	1.752220712	1.151391969	2.017492856
0.5187	0.49575155	0.86846439	0.570836938	1.751813755	1.151457689	2.017139418
0.5188	0.49583840	0.86841481	0.570969531	1.751406941	1.151523428	2.016786125
0.5189	0.49592524	0.86836522	0.571102139	1.751000270	1.151589186	2.016432976
0.5190	0.49601207	0.86831563	0.571234763	1.750593741	1.151654963	2.016079970
0.5191	0.49609890	0.86826602	0.571367401	1.750187354	1.151720759	2.015727108
0.5192	0.49618572	0.86821641	0.571500055	1.749781110	1.151786574	2.015374390
0.5193	0.49627254	0.86816678	0.571632724	1.749375007	1.151852408	2.015021815
0.5194	0.49635936	0.86811715	0.571765408	1.748969047	1.151918262	2.014669384
0.5195	0.49644617	0.86806751	0.571898107	1.748563229	1.151984134	2.014317097
0.5196	0.49653297	0.86801786	0.572030821	1.748157552	1.152050025	2.013964952
0.5197	0.49661977	0.86796820	0.572163551	1.747752018	1.152115935	2.013612951
0.5198	0.49670656	0.86791854	0.572296295	1.747346625	1.152181865	2.013261093
0.5199	0.49679335	0.86786886	0.572429055	1.746941374	1.152247813	2.012909378

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.5200	0.49688014	0.86781918	0.572561830	1.746536264	1.152313781	2.012557806
0.5201	0.49696692	0.86776949	0.572694621	1.746131296	1.152379767	2.012206377
0.5202	0.49705369	0.86771979	0.572827426	1.745726469	1.152445773	2.011855091
0.5203	0.49714046	0.86767008	0.572960247	1.745321784	1.152511798	2.011503947
0.5204	0.49722723	0.86762036	0.573093083	1.744917240	1.152577842	2.011152946
0.5205	0.49731399	0.86757063	0.573225934	1.744512837	1.152643905	2.010802088
0.5206	0.49740074	0.86752090	0.573358800	1.744108575	1.152709987	2.010451372
0.5207	0.49748749	0.86747115	0.573491682	1.743704454	1.152776088	2.010100799
0.5208	0.49757423	0.86742140	0.573624579	1.743300473	1.152842208	2.009750368
0.5209	0.49766097	0.86737164	0.573757491	1.742896634	1.152908348	2.009400079
0.5210	0.49774771	0.86732187	0.573890418	1.742492936	1.152974506	2.009049932
0.5211	0.49783444	0.86727209	0.574023361	1.742089378	1.153040684	2.008699928
0.5212	0.49792116	0.86722230	0.574156319	1.741685961	1.153106881	2.008350065
0.5213	0.49800788	0.86717250	0.574289292	1.741282684	1.153173097	2.008000345
0.5214	0.49809460	0.86712270	0.574422281	1.740879547	1.153239332	2.007650766
0.5215	0.49818131	0.86707288	0.574555284	1.740476551	1.153305586	2.007301329
0.5216	0.49826801	0.86702306	0.574688303	1.740073696	1.153371859	2.006952034
0.5217	0.49835471	0.86697323	0.574821338	1.739670980	1.153438152	2.006602880
0.5218	0.49844141	0.86692339	0.574954387	1.739268405	1.153504464	2.006253868
0.5219	0.49852810	0.86687354	0.575087452	1.738865969	1.153570794	2.005904997
0.5220	0.49861478	0.86682368	0.575220532	1.738463674	1.153637144	2.005556268
0.5221	0.49870146	0.86677382	0.575353628	1.738061518	1.153703514	2.005207680
0.5222	0.49878814	0.86672394	0.575486739	1.737659502	1.153769902	2.004859233
0.5223	0.49887481	0.86667406	0.575619865	1.737257626	1.153836309	2.004510928
0.5224	0.49896147	0.86662417	0.575753006	1.736855889	1.153902736	2.004162763
0.5225	0.49904813	0.86657427	0.575886163	1.736454292	1.153969182	2.003814739
0.5226	0.49913479	0.86652436	0.576019335	1.736052835	1.154035647	2.003466856
0.5227	0.49922144	0.86647444	0.576152523	1.735651516	1.154102131	2.003119114
0.5228	0.49930808	0.86642452	0.576285726	1.735250337	1.154168635	2.002771513
0.5229	0.49939472	0.86637458	0.576418944	1.734849297	1.154235158	2.002424052
0.5230	0.49948136	0.86632464	0.576552178	1.734448397	1.154301699	2.002076732
0.5231	0.49956799	0.86627468	0.576685426	1.734047635	1.154368261	2.001729552
0.5232	0.49965461	0.86622472	0.576818691	1.733647013	1.154434841	2.001382513
0.5233	0.49974123	0.86617475	0.576951970	1.733246529	1.154501441	2.001035614
0.5234	0.49982785	0.86612477	0.577085265	1.732846184	1.154568059	2.000688856
0.5235	0.49991446	0.86607479	0.577218576	1.732445978	1.154634697	2.000342237
0.5236	0.50000106	0.86602479	0.577351902	1.732045910	1.154701355	1.999995759
0.5237	0.50008766	0.86597479	0.577485243	1.731645981	1.154768031	1.999649420
0.5238	0.50017426	0.86592477	0.577618600	1.731246190	1.154834727	1.999303222
0.5239	0.50026085	0.86587475	0.577751972	1.730846538	1.154901442	1.998957163
0.5240	0.50034743	0.86582472	0.577885359	1.730447024	1.154968176	1.998611244
0.5241	0.50043401	0.86577468	0.578018762	1.730047649	1.155034930	1.998265465
0.5242	0.50052059	0.86572464	0.578152180	1.729648411	1.155101703	1.997919825
0.5243	0.50060716	0.86567458	0.578285614	1.729249312	1.155168495	1.997574325
0.5244	0.50069372	0.86562451	0.578419063	1.728850351	1.155235306	1.997228964
0.5245	0.50078028	0.86557444	0.578552528	1.728451527	1.155302137	1.996883743
0.5246	0.50086684	0.86552436	0.578686008	1.728052842	1.155368987	1.996538661
0.5247	0.50095338	0.86547427	0.578819503	1.727654294	1.155435856	1.996193718
0.5248	0.50103993	0.86542417	0.578953014	1.727255884	1.155502744	1.995848914
0.5249	0.50112647	0.86537406	0.579086540	1.726857611	1.155569652	1.995504250

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.5250	0.50121300	0.86532394	0.579220082	1.726459476	1.155636579	1.995159724
0.5251	0.50129953	0.86527382	0.579353640	1.726061479	1.155703526	1.994815337
0.5252	0.50138606	0.86522368	0.579487212	1.725663619	1.155770492	1.994471089
0.5253	0.50147258	0.86517354	0.579620801	1.725265896	1.155837477	1.994126980
0.5254	0.50155909	0.86512339	0.579754404	1.724868310	1.155904481	1.993783009
0.5255	0.50164560	0.86507323	0.579888024	1.724470862	1.155971505	1.993439177
0.5256	0.50173211	0.86502306	0.580021659	1.724073550	1.156038548	1.993095484
0.5257	0.50181861	0.86497288	0.580155309	1.723676376	1.156105610	1.992751928
0.5258	0.50190510	0.86492269	0.580288975	1.723279338	1.156172692	1.992408512
0.5259	0.50199159	0.86487250	0.580422656	1.722882437	1.156239793	1.992065233
0.5260	0.50207808	0.86482230	0.580556353	1.722485673	1.156306914	1.991722093
0.5261	0.50216456	0.86477208	0.580690065	1.722089046	1.156374053	1.991379091
0.5262	0.50225103	0.86472186	0.580823793	1.721692555	1.156441213	1.991036226
0.5263	0.50233750	0.86467163	0.580957536	1.721296201	1.156508391	1.990693500
0.5264	0.50242397	0.86462140	0.581091295	1.720899983	1.156575589	1.990350912
0.5265	0.50251043	0.86457115	0.581225070	1.720503902	1.156642806	1.990008461
0.5266	0.50259688	0.86452089	0.581358860	1.720107956	1.156710043	1.989666148
0.5267	0.50268333	0.86447063	0.581492665	1.719712147	1.156777299	1.989323973
0.5268	0.50276977	0.86442036	0.581626486	1.719316474	1.156844575	1.988981935
0.5269	0.50285621	0.86437008	0.581760323	1.718920937	1.156911869	1.988640035
0.5270	0.50294265	0.86431979	0.581894175	1.718525536	1.156979184	1.988298272
0.5271	0.50302908	0.86426949	0.582028043	1.718130271	1.157046517	1.987956647
0.5272	0.50311550	0.86421918	0.582161927	1.717735142	1.157113870	1.987615159
0.5273	0.50320192	0.86416886	0.582295826	1.717340149	1.157181243	1.987273807
0.5274	0.50328834	0.86411854	0.582429740	1.716945291	1.157248635	1.986932593
0.5275	0.50337475	0.86406821	0.582563671	1.716550568	1.157316046	1.986591517
0.5276	0.50346115	0.86401786	0.582697617	1.716155981	1.157383477	1.986250576
0.5277	0.50354755	0.86396751	0.582831578	1.715761530	1.157450927	1.985909773
0.5278	0.50363394	0.86391715	0.582965555	1.715367214	1.157518397	1.985569107
0.5279	0.50372033	0.86386679	0.583099548	1.714973033	1.157585886	1.985228577
0.5280	0.50380672	0.86381641	0.583233556	1.714578987	1.157653394	1.984888184
0.5281	0.50389310	0.86376603	0.583367580	1.714185077	1.157720922	1.984547928
0.5282	0.50397947	0.86371563	0.583501620	1.713791301	1.157788470	1.984207808
0.5283	0.50406584	0.86366523	0.583635675	1.713397661	1.157856036	1.983867824
0.5284	0.50415220	0.86361482	0.583769746	1.713004155	1.157923623	1.983527977
0.5285	0.50423856	0.86356440	0.583903832	1.712610784	1.157991229	1.983188266
0.5286	0.50432492	0.86351397	0.584037935	1.712217548	1.158058854	1.982848691
0.5287	0.50441127	0.86346353	0.584172052	1.711824446	1.158126499	1.982509252
0.5288	0.50449761	0.86341309	0.584306186	1.711431479	1.158194163	1.982169949
0.5289	0.50458395	0.86336264	0.584440335	1.711038647	1.158261847	1.981830782
0.5290	0.50467028	0.86331217	0.584574500	1.710645948	1.158329550	1.981491751
0.5291	0.50475661	0.86326170	0.584708681	1.710253385	1.158397273	1.981152856
0.5292	0.50484293	0.86321122	0.584842877	1.709860955	1.158465015	1.980814097
0.5293	0.50492925	0.86316073	0.584977089	1.709468660	1.158532777	1.980475473
0.5294	0.50501557	0.86311024	0.585111316	1.709076498	1.158600558	1.980136985
0.5295	0.50510187	0.86305973	0.585245560	1.708684471	1.158668359	1.979798632
0.5296	0.50518818	0.86300921	0.585379819	1.708292578	1.158736179	1.979460414
0.5297	0.50527448	0.86295869	0.585514094	1.707900818	1.158804019	1.979122332
0.5298	0.50536077	0.86290816	0.585648384	1.707509193	1.158871878	1.978784385
0.5299	0.50544706	0.86285762	0.585782691	1.707117701	1.158939757	1.978446574

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.5300	0.50553334	0.86280707	0.585917013	1.706726343	1.159007656	1.978108897
0.5301	0.50561962	0.86275651	0.586051350	1.706335118	1.159075574	1.977771356
0.5302	0.50570589	0.86270595	0.586185704	1.705944027	1.159143511	1.977433949
0.5303	0.50579216	0.86265537	0.586320073	1.705553069	1.159211468	1.977096677
0.5304	0.50587842	0.86260479	0.586454458	1.705162244	1.159279445	1.976759540
0.5305	0.50596468	0.86255420	0.586588859	1.704771553	1.159347441	1.976422538
0.5306	0.50605093	0.86250360	0.586723275	1.704380995	1.159415457	1.976085670
0.5307	0.50613718	0.86245299	0.586857708	1.703990570	1.159483492	1.975748937
0.5308	0.50622343	0.86240237	0.586992156	1.703600278	1.159551547	1.975412339
0.5309	0.50630966	0.86235174	0.587126620	1.703210119	1.159619622	1.975075875
0.5310	0.50639590	0.86230111	0.587261099	1.702820093	1.159687716	1.974739545
0.5311	0.50648212	0.86225046	0.587395595	1.702430200	1.159755830	1.974403349
0.5312	0.50656835	0.86219981	0.587530106	1.702040440	1.159823963	1.974067288
0.5313	0.50665456	0.86214915	0.587664633	1.701650812	1.159892116	1.973731361
0.5314	0.50674078	0.86209848	0.587799176	1.701261317	1.159960289	1.973395568
0.5315	0.50682698	0.86204780	0.587933735	1.700871954	1.160028481	1.973059909
0.5316	0.50691318	0.86199711	0.588068309	1.700482723	1.160096693	1.972724383
0.5317	0.50699938	0.86194642	0.588202900	1.700093625	1.160164924	1.972388992
0.5318	0.50708557	0.86189571	0.588337506	1.699704660	1.160233175	1.972053734
0.5319	0.50717176	0.86184500	0.588472128	1.699315826	1.160301446	1.971718610
0.5320	0.50725794	0.86179428	0.588606766	1.698927125	1.160369736	1.971383620
0.5321	0.50734412	0.86174355	0.588741419	1.698538556	1.160438046	1.971048763
0.5322	0.50743029	0.86169281	0.588876089	1.698150118	1.160506376	1.970714039
0.5323	0.50751646	0.86164206	0.589010774	1.697761813	1.160574725	1.970379449
0.5324	0.50760262	0.86159131	0.589145476	1.697373639	1.160643094	1.970044992
0.5325	0.50768878	0.86154054	0.589280193	1.696985597	1.160711483	1.969710668
0.5326	0.50777493	0.86148977	0.589414926	1.696597687	1.160779891	1.969376478
0.5327	0.50786107	0.86143899	0.589549675	1.696209909	1.160848319	1.969042421
0.5328	0.50794722	0.86138820	0.589684440	1.695822261	1.160916766	1.968708496
0.5329	0.50803335	0.86133740	0.589819220	1.695434746	1.160985234	1.968374705
0.5330	0.50811948	0.86128659	0.589954017	1.695047362	1.161053721	1.968041046
0.5331	0.50820561	0.86123577	0.590088830	1.694660109	1.161122227	1.967707520
0.5332	0.50829173	0.86118495	0.590223658	1.694272987	1.161190754	1.967374127
0.5333	0.50837785	0.86113412	0.590358502	1.693885997	1.161259300	1.967040866
0.5334	0.50846396	0.86108327	0.590493363	1.693499137	1.161327866	1.966707738
0.5335	0.50855006	0.86103242	0.590628239	1.693112409	1.161396451	1.966374743
0.5336	0.50863616	0.86098156	0.590763131	1.692725811	1.161465056	1.966041879
0.5337	0.50872226	0.86093070	0.590898039	1.692339344	1.161533681	1.965709149
0.5338	0.50880835	0.86087982	0.591032963	1.691953009	1.161602326	1.965376550
0.5339	0.50889444	0.86082893	0.591167903	1.691566803	1.161670990	1.965044084
0.5340	0.50898052	0.86077804	0.591302859	1.691180729	1.161739674	1.964711749
0.5341	0.50906659	0.86072714	0.591437831	1.690794785	1.161808378	1.964379547
0.5342	0.50915266	0.86067623	0.591572819	1.690408971	1.161877102	1.964047477
0.5343	0.50923873	0.86062531	0.591707823	1.690023288	1.161945845	1.963715538
0.5344	0.50932479	0.86057438	0.591842842	1.689637736	1.162014608	1.963383732
0.5345	0.50941084	0.86052344	0.591977878	1.689252313	1.162083391	1.963052057
0.5346	0.50949689	0.86047250	0.592112930	1.688867021	1.162152194	1.962720514
0.5347	0.50958294	0.86042154	0.592247998	1.688481859	1.162221016	1.962389102
0.5348	0.50966898	0.86037058	0.592383081	1.688096827	1.162289858	1.962057822
0.5349	0.50975501	0.86031961	0.592518181	1.687711925	1.162358720	1.961726673

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.5350	0.50984104	0.86026863	0.592653297	1.687327152	1.162427602	1.961395656
0.5351	0.50992706	0.86021764	0.592788429	1.686942510	1.162496504	1.961064770
0.5352	0.51001308	0.86016664	0.592923577	1.686557997	1.162565425	1.960734015
0.5353	0.51009910	0.86011564	0.593058740	1.686173614	1.162634366	1.960403392
0.5354	0.51018511	0.86006462	0.593193920	1.685789361	1.162703327	1.960072899
0.5355	0.51027111	0.86001360	0.593329116	1.685405237	1.162772308	1.959742538
0.5356	0.51035711	0.85996257	0.593464328	1.685021243	1.162841309	1.959412307
0.5357	0.51044310	0.85991153	0.593599556	1.684637378	1.162910329	1.959082207
0.5358	0.51052909	0.85986048	0.593734800	1.684253642	1.162979369	1.958752238
0.5359	0.51061507	0.85980942	0.593870060	1.683870036	1.163048429	1.958422400
0.5360	0.51070105	0.85975836	0.594005337	1.683486559	1.163117509	1.958092693
0.5361	0.51078703	0.85970728	0.594140629	1.683103210	1.163186609	1.957763116
0.5362	0.51087299	0.85965620	0.594275937	1.682719991	1.163255728	1.957433669
0.5363	0.51095896	0.85960511	0.594411262	1.682336901	1.163324868	1.957104353
0.5364	0.51104492	0.85955401	0.594546602	1.681953940	1.163394027	1.956775167
0.5365	0.51113087	0.85950290	0.594681959	1.681571107	1.163463206	1.956446112
0.5366	0.51121682	0.85945178	0.594817332	1.681188403	1.163532405	1.956117187
0.5367	0.51130276	0.85940066	0.594952720	1.680805828	1.163601624	1.955788392
0.5368	0.51138870	0.85934952	0.595088125	1.680423382	1.163670863	1.955459727
0.5369	0.51147463	0.85929838	0.595223546	1.680041064	1.163740121	1.955131192
0.5370	0.51156056	0.85924723	0.595358984	1.679658874	1.163809400	1.954802786
0.5371	0.51164648	0.85919607	0.595494437	1.679276813	1.163878698	1.954474511
0.5372	0.51173240	0.85914490	0.595629906	1.678894880	1.163948017	1.954146366
0.5373	0.51181831	0.85909372	0.595765392	1.678513075	1.164017355	1.953818350
0.5374	0.51190421	0.85904253	0.595900894	1.678131399	1.164086713	1.953490464
0.5375	0.51199012	0.85899134	0.596036411	1.677749850	1.164156091	1.953162707
0.5376	0.51207601	0.85894014	0.596171945	1.677368430	1.164225489	1.952835080
0.5377	0.51216190	0.85888892	0.596307496	1.676987137	1.164294906	1.952507582
0.5378	0.51224779	0.85883770	0.596443062	1.676605973	1.164364344	1.952180214
0.5379	0.51233367	0.85878647	0.596578644	1.676224936	1.164433802	1.951852975
0.5380	0.51241955	0.85873524	0.596714243	1.675844027	1.164503280	1.951525865
0.5381	0.51250542	0.85868399	0.596849858	1.675463245	1.164572777	1.951198884
0.5382	0.51259128	0.85863274	0.596985489	1.675082591	1.164642295	1.950872033
0.5383	0.51267714	0.85858147	0.597121136	1.674702065	1.164711832	1.950545310
0.5384	0.51276300	0.85853020	0.597256800	1.674321666	1.164781389	1.950218716
0.5385	0.51284885	0.85847892	0.597392480	1.673941394	1.164850967	1.949892251
0.5386	0.51293470	0.85842763	0.597528175	1.673561250	1.164920564	1.949565915
0.5387	0.51302054	0.85837633	0.597663887	1.673181233	1.164990181	1.949239708
0.5388	0.51310637	0.85832503	0.597799616	1.672801343	1.165059818	1.948913629
0.5389	0.51319220	0.85827371	0.597935360	1.672421580	1.165129476	1.948587678
0.5390	0.51327803	0.85822239	0.598071121	1.672041944	1.165199153	1.948261857
0.5391	0.51336385	0.85817106	0.598206898	1.671662435	1.165268850	1.947936163
0.5392	0.51344966	0.85811972	0.598342691	1.671283053	1.165338567	1.947610598
0.5393	0.51353547	0.85806837	0.598478501	1.670903797	1.165408304	1.947285162
0.5394	0.51362127	0.85801701	0.598614327	1.670524669	1.165478062	1.946959853
0.5395	0.51370707	0.85796564	0.598750169	1.670145667	1.165547839	1.946634673
0.5396	0.51379287	0.85791427	0.598886027	1.669766792	1.165617636	1.946309620
0.5397	0.51387866	0.85786288	0.599021902	1.669388043	1.165687453	1.945984696
0.5398	0.51396444	0.85781149	0.599157793	1.669009420	1.165757291	1.945659900
0.5399	0.51405022	0.85776009	0.599293700	1.668630924	1.165827148	1.945335231

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.5400	0.51413599	0.85770868	0.599429623	1.668252554	1.165897025	1.945010690
0.5401	0.51422176	0.85765726	0.599565563	1.667874311	1.165966922	1.944686277
0.5402	0.51430752	0.85760584	0.599701519	1.667496193	1.166036840	1.944361992
0.5403	0.51439328	0.85755440	0.599837491	1.667118202	1.166106777	1.944037834
0.5404	0.51447903	0.85750296	0.599973480	1.666740337	1.166176735	1.943713804
0.5405	0.51456478	0.85745151	0.600109485	1.666362597	1.166246712	1.943389901
0.5406	0.51465052	0.85740005	0.600245506	1.665984984	1.166316710	1.943066125
0.5407	0.51473626	0.85734858	0.600381544	1.665607496	1.166386728	1.942742477
0.5408	0.51482199	0.85729710	0.600517598	1.665230134	1.166456765	1.942418956
0.5409	0.51490772	0.85724561	0.600653668	1.664852898	1.166526823	1.942095562
0.5410	0.51499344	0.85719412	0.600789755	1.664475787	1.166596901	1.941772295
0.5411	0.51507916	0.85714261	0.600925858	1.664098802	1.166666999	1.941449155
0.5412	0.51516487	0.85709110	0.601061977	1.663721942	1.166737117	1.941126142
0.5413	0.51525058	0.85703958	0.601198113	1.663345208	1.166807255	1.940803256
0.5414	0.51533628	0.85698805	0.601334265	1.662968599	1.166877414	1.940480497
0.5415	0.51542198	0.85693651	0.601470433	1.662592115	1.166947592	1.940157865
0.5416	0.51550767	0.85688497	0.601606618	1.662215756	1.167017790	1.939835359
0.5417	0.51559335	0.85683341	0.601742820	1.661839523	1.167088009	1.939512980
0.5418	0.51567903	0.85678185	0.601879037	1.661463414	1.167158248	1.939190727
0.5419	0.51576471	0.85673028	0.602015271	1.661087430	1.167228507	1.938868601
0.5420	0.51585038	0.85667869	0.602151522	1.660711572	1.167298786	1.938546601
0.5421	0.51593604	0.85662711	0.602287789	1.660335838	1.167369085	1.938224727
0.5422	0.51602171	0.85657551	0.602424072	1.659960229	1.167439404	1.937902980
0.5423	0.51610736	0.85652390	0.602560372	1.659584744	1.167509744	1.937581359
0.5424	0.51619301	0.85647229	0.602696688	1.659209384	1.167580103	1.937259864
0.5425	0.51627865	0.85642066	0.602833020	1.658834149	1.167650483	1.936938495
0.5426	0.51636429	0.85636903	0.602969369	1.658459038	1.167720883	1.936617252
0.5427	0.51644993	0.85631739	0.603105735	1.658084052	1.167791303	1.936296135
0.5428	0.51653556	0.85626574	0.603242116	1.657709190	1.167861743	1.935975144
0.5429	0.51662118	0.85621408	0.603378515	1.657334452	1.167932204	1.935654278
0.5430	0.51670680	0.85616242	0.603514930	1.656959838	1.168002684	1.935333538
0.5431	0.51679241	0.85611074	0.603651361	1.656585348	1.168073185	1.935012924
0.5432	0.51687802	0.85605906	0.603787809	1.656210983	1.168143706	1.934692436
0.5433	0.51696363	0.85600737	0.603924273	1.655836742	1.168214247	1.934372072
0.5434	0.51704922	0.85595566	0.604060754	1.655462624	1.168284809	1.934051835
0.5435	0.51713482	0.85590396	0.604197251	1.655088630	1.168355390	1.933731722
0.5436	0.51722040	0.85585224	0.604333764	1.654714760	1.168425992	1.933411735
0.5437	0.51730599	0.85580051	0.604470295	1.654341014	1.168496614	1.933091873
0.5438	0.51739156	0.85574878	0.604606841	1.653967391	1.168567256	1.932772137
0.5439	0.51747714	0.85569703	0.604743404	1.653593892	1.168637919	1.932452525
0.5440	0.51756270	0.85564528	0.604879984	1.653220517	1.168708602	1.932133038
0.5441	0.51764827	0.85559352	0.605016580	1.652847265	1.168779304	1.931813676
0.5442	0.51773382	0.85554175	0.605153193	1.652474136	1.168850028	1.931494440
0.5443	0.51781937	0.85548997	0.605289822	1.652101131	1.168920771	1.931175327
0.5444	0.51790492	0.85543819	0.605426468	1.651728248	1.168991535	1.930856340
0.5445	0.51799046	0.85538639	0.605563131	1.651355489	1.169062319	1.930537477
0.5446	0.51807600	0.85533459	0.605699810	1.650982853	1.169133123	1.930218739
0.5447	0.51816153	0.85528278	0.605836505	1.650610340	1.169203948	1.929900126
0.5448	0.51824705	0.85523096	0.605973217	1.650237950	1.169274792	1.929581637
0.5449	0.51833258	0.85517913	0.606109946	1.649865683	1.169345657	1.929263272

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.5450	0.51841809	0.85512729	0.606246691	1.649493539	1.169416543	1.928945032
0.5451	0.51850360	0.85507544	0.606383453	1.649121517	1.169487448	1.928626916
0.5452	0.51858911	0.85502359	0.606520231	1.648749619	1.169558374	1.928308924
0.5453	0.51867461	0.85497173	0.606657026	1.648377842	1.169629321	1.927991056
0.5454	0.51876010	0.85491986	0.606793838	1.648006189	1.169700287	1.927673312
0.5455	0.51884559	0.85486797	0.606930666	1.647634657	1.169771274	1.927355692
0.5456	0.51893107	0.85481609	0.607067511	1.647263249	1.169842281	1.927038196
0.5457	0.51901655	0.85476419	0.607204372	1.646891962	1.169913309	1.926720824
0.5458	0.51910203	0.85471228	0.607341250	1.646520798	1.169984356	1.926403576
0.5459	0.51918750	0.85466037	0.607478145	1.646149756	1.170055425	1.926086452
0.5460	0.51927296	0.85460845	0.607615056	1.645778836	1.170126513	1.925769451
0.5461	0.51935842	0.85455651	0.607751984	1.645408038	1.170197622	1.925452574
0.5462	0.51944387	0.85450457	0.607888929	1.645037363	1.170268751	1.925135820
0.5463	0.51952932	0.85445262	0.608025890	1.644666809	1.170339901	1.924819189
0.5464	0.51961476	0.85440067	0.608162868	1.644296377	1.170411070	1.924502682
0.5465	0.51970020	0.85434870	0.608299862	1.643926067	1.170482261	1.924186299
0.5466	0.51978563	0.85429673	0.608436874	1.643555878	1.170553471	1.923870038
0.5467	0.51987106	0.85424474	0.608573901	1.643185811	1.170624702	1.923553901
0.5468	0.51995648	0.85419275	0.608710946	1.642815866	1.170695954	1.923237887
0.5469	0.52004190	0.85414075	0.608848007	1.642446043	1.170767225	1.922921996
0.5470	0.52012731	0.85408875	0.608985085	1.642076340	1.170838517	1.922606228
0.5471	0.52021271	0.85403673	0.609122180	1.641706760	1.170909830	1.922290583
0.5472	0.52029811	0.85398470	0.609259291	1.641337300	1.170981163	1.921975060
0.5473	0.52038351	0.85393267	0.609396419	1.640967962	1.171052516	1.921659661
0.5474	0.52046890	0.85388063	0.609533564	1.640598745	1.171123890	1.921344384
0.5475	0.52055429	0.85382857	0.609670725	1.640229649	1.171195284	1.921029230
0.5476	0.52063967	0.85377651	0.609807904	1.639860674	1.171266699	1.920714198
0.5477	0.52072504	0.85372445	0.609945099	1.639491821	1.171338134	1.920399289
0.5478	0.52081041	0.85367237	0.610082310	1.639123088	1.171409589	1.920084502
0.5479	0.52089578	0.85362028	0.610219539	1.638754476	1.171481065	1.919769838
0.5480	0.52098114	0.85356819	0.610356784	1.638385984	1.171552561	1.919455296
0.5481	0.52106649	0.85351609	0.610494046	1.638017614	1.171624078	1.919140876
0.5482	0.52115184	0.85346398	0.610631324	1.637649364	1.171695615	1.918826579
0.5483	0.52123718	0.85341186	0.610768620	1.637281235	1.171767173	1.918512403
0.5484	0.52132252	0.85335973	0.610905932	1.636913226	1.171838751	1.918198350
0.5485	0.52140785	0.85330759	0.611043261	1.636545338	1.171910349	1.917884418
0.5486	0.52149318	0.85325545	0.611180607	1.636177570	1.171981968	1.917570609
0.5487	0.52157851	0.85320329	0.611317969	1.635809922	1.172053608	1.917256921
0.5488	0.52166382	0.85315113	0.611455349	1.635442395	1.172125268	1.916943355
0.5489	0.52174914	0.85309896	0.611592745	1.635074988	1.172196948	1.916629911
0.5490	0.52183444	0.85304678	0.611730158	1.634707701	1.172268649	1.916316589
0.5491	0.52191975	0.85299460	0.611867588	1.634340534	1.172340371	1.916003388
0.5492	0.52200504	0.85294240	0.612005034	1.633973487	1.172412113	1.915690308
0.5493	0.52209033	0.85289019	0.612142498	1.633606560	1.172483875	1.915377350
0.5494	0.52217562	0.85283798	0.612279978	1.633239753	1.172555658	1.915064514
0.5495	0.52226090	0.85278576	0.612417475	1.632873066	1.172627462	1.914751798
0.5496	0.52234618	0.85273353	0.612554989	1.632506498	1.172699286	1.914439204
0.5497	0.52243145	0.85268129	0.612692520	1.632140050	1.172771130	1.914126731
0.5498	0.52251671	0.85262904	0.612830067	1.631773722	1.172842995	1.913814380
0.5499	0.52260197	0.85257679	0.612967632	1.631407513	1.172914881	1.913502149

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.5500	0.52268723	0.85252452	0.613105213	1.631041424	1.172986787	1.913190039
0.5501	0.52277248	0.85247225	0.613242812	1.630675454	1.173058714	1.912878050
0.5502	0.52285772	0.85241997	0.613380427	1.630309603	1.173130661	1.912566183
0.5503	0.52294296	0.85236768	0.613518059	1.629943872	1.173202629	1.912254435
0.5504	0.52302820	0.85231538	0.613655708	1.629578260	1.173274617	1.911942809
0.5505	0.52311343	0.85226307	0.613793373	1.629212767	1.173346626	1.911631303
0.5506	0.52319865	0.85221076	0.613931056	1.628847393	1.173418656	1.911319918
0.5507	0.52328387	0.85215843	0.614068756	1.628482138	1.173490706	1.911008654
0.5508	0.52336908	0.85210610	0.614206472	1.628117002	1.173562776	1.910697509
0.5509	0.52345429	0.85205376	0.614344205	1.627751985	1.173634868	1.910386486
0.5510	0.52353949	0.85200141	0.614481956	1.627387087	1.173706980	1.910075582
0.5511	0.52362469	0.85194905	0.614619723	1.627022307	1.173779112	1.909764799
0.5512	0.52370988	0.85189668	0.614757507	1.626657646	1.173851265	1.909454136
0.5513	0.52379507	0.85184431	0.614895308	1.626293104	1.173923439	1.909143594
0.5514	0.52388025	0.85179192	0.615033127	1.625928681	1.173995633	1.908833171
0.5515	0.52396543	0.85173953	0.615170962	1.625564375	1.174067848	1.908522868
0.5516	0.52405060	0.85168713	0.615308814	1.625200189	1.174140084	1.908212686
0.5517	0.52413576	0.85163472	0.615446683	1.624836120	1.174212340	1.907902623
0.5518	0.52422093	0.85158230	0.615584569	1.624472170	1.174284617	1.907592680
0.5519	0.52430608	0.85152988	0.615722471	1.624108338	1.174356914	1.907282856
0.5520	0.52439123	0.85147744	0.615860391	1.623744625	1.174429232	1.906973153
0.5521	0.52447638	0.85142500	0.615998328	1.623381029	1.174501571	1.906663569
0.5522	0.52456152	0.85137255	0.616136282	1.623017551	1.174573931	1.906354105
0.5523	0.52464665	0.85132009	0.616274253	1.622654192	1.174646311	1.906044760
0.5524	0.52473178	0.85126762	0.616412241	1.622290950	1.174718711	1.905735534
0.5525	0.52481690	0.85121514	0.616550246	1.621927826	1.174791133	1.905426428
0.5526	0.52490202	0.85116266	0.616688268	1.621564820	1.174863575	1.905117441
0.5527	0.52498714	0.85111016	0.616826307	1.621201932	1.174936038	1.904808574
0.5528	0.52507225	0.85105766	0.616964363	1.620839161	1.175008521	1.904499825
0.5529	0.52515735	0.85100515	0.617102436	1.620476508	1.175081025	1.904191196
0.5530	0.52524245	0.85095263	0.617240526	1.620113972	1.175153550	1.903882686
0.5531	0.52532754	0.85090010	0.617378633	1.619751554	1.175226096	1.903574295
0.5532	0.52541263	0.85084756	0.617516757	1.619389253	1.175298662	1.903266023
0.5533	0.52549771	0.85079502	0.617654898	1.619027069	1.175371249	1.902957869
0.5534	0.52558279	0.85074246	0.617793057	1.618665003	1.175443857	1.902649834
0.5535	0.52566786	0.85068990	0.617931232	1.618303054	1.175516485	1.902341919
0.5536	0.52575292	0.85063733	0.618069424	1.617941222	1.175589135	1.902034121
0.5537	0.52583798	0.85058475	0.618207634	1.617579507	1.175661805	1.901726443
0.5538	0.52592304	0.85053216	0.618345861	1.617217910	1.175734495	1.901418883
0.5539	0.52600809	0.85047956	0.618484104	1.616856429	1.175807207	1.901111441
0.5540	0.52609314	0.85042696	0.618622365	1.616495065	1.175879939	1.900804118
0.5541	0.52617818	0.85037434	0.618760643	1.616133817	1.175952692	1.900496913
0.5542	0.52626321	0.85032172	0.618898938	1.615772687	1.176025466	1.900189826
0.5543	0.52634824	0.85026909	0.619037250	1.615411673	1.176098260	1.899882858
0.5544	0.52643327	0.85021645	0.619175579	1.615050776	1.176171075	1.899576008
0.5545	0.52651828	0.85016381	0.619313926	1.614689995	1.176243911	1.899269275
0.5546	0.52660330	0.85011115	0.619452289	1.614329331	1.176316768	1.898962661
0.5547	0.52668831	0.85005849	0.619590670	1.613968783	1.176389646	1.898656165
0.5548	0.52677331	0.85000581	0.619729068	1.613608352	1.176462544	1.898349787
0.5549	0.52685831	0.84995313	0.619867483	1.613248037	1.176535463	1.898043527

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.5550	0.52694330	0.84990044	0.620005915	1.612887838	1.176608403	1.897737384
0.5551	0.52702829	0.84984774	0.620144364	1.612527755	1.176681364	1.897431359
0.5552	0.52711327	0.84979503	0.620282831	1.612167789	1.176754346	1.897125452
0.5553	0.52719825	0.84974232	0.620421315	1.611807938	1.176827348	1.896819662
0.5554	0.52728322	0.84968959	0.620559815	1.611448204	1.176900372	1.896513990
0.5555	0.52736818	0.84963686	0.620698333	1.611088585	1.176973416	1.896208435
0.5556	0.52745315	0.84958412	0.620836869	1.610729083	1.177046481	1.895902998
0.5557	0.52753810	0.84953137	0.620975421	1.610369696	1.177119566	1.895597678
0.5558	0.52762305	0.84947861	0.621113991	1.610010425	1.177192673	1.895292475
0.5559	0.52770800	0.84942585	0.621252578	1.609651269	1.177265801	1.894987390
0.5560	0.52779294	0.84937307	0.621391182	1.609292229	1.177338949	1.894682422
0.5561	0.52787787	0.84932029	0.621529803	1.608933305	1.177412118	1.894377570
0.5562	0.52796280	0.84926750	0.621668442	1.608574496	1.177485308	1.894072836
0.5563	0.52804773	0.84921470	0.621807097	1.608215802	1.177558519	1.893768219
0.5564	0.52813264	0.84916189	0.621945770	1.607857224	1.177631751	1.893463718
0.5565	0.52821756	0.84910907	0.622084461	1.607498761	1.177705004	1.893159335
0.5566	0.52830247	0.84905624	0.622223168	1.607140414	1.177778278	1.892855068
0.5567	0.52838737	0.84900341	0.622361893	1.606782181	1.177851572	1.892550918
0.5568	0.52847227	0.84895057	0.622500635	1.606424064	1.177924888	1.892246885
0.5569	0.52855716	0.84889771	0.622639394	1.606066062	1.177998224	1.891942968
0.5570	0.52864205	0.84884485	0.622778171	1.605708174	1.178071581	1.891639168
0.5571	0.52872693	0.84879199	0.622916965	1.605350402	1.178144959	1.891335484
0.5572	0.52881180	0.84873911	0.623055776	1.604992744	1.178218358	1.891031916
0.5573	0.52889668	0.84868622	0.623194605	1.604635201	1.178291779	1.890728465
0.5574	0.52898154	0.84863333	0.623333451	1.604277773	1.178365219	1.890425130
0.5575	0.52906640	0.84858043	0.623472314	1.603920460	1.178438681	1.890121912
0.5576	0.52915126	0.84852752	0.623611194	1.603563261	1.178512164	1.889818809
0.5577	0.52923611	0.84847460	0.623750092	1.603206177	1.178585668	1.889515823
0.5578	0.52932095	0.84842167	0.623889007	1.602849207	1.178659193	1.889212953
0.5579	0.52940579	0.84836873	0.624027939	1.602492352	1.178732739	1.888910198
0.5580	0.52949063	0.84831579	0.624166889	1.602135611	1.178806305	1.888607560
0.5581	0.52957546	0.84826283	0.624305856	1.601778984	1.178879893	1.888305037
0.5582	0.52966028	0.84820987	0.624444841	1.601422472	1.178953502	1.888002630
0.5583	0.52974510	0.84815690	0.624583842	1.601066073	1.179027131	1.887700339
0.5584	0.52982991	0.84810392	0.624722862	1.600709789	1.179100782	1.887398164
0.5585	0.52991472	0.84805094	0.624861898	1.600353619	1.179174454	1.887096104
0.5586	0.52999952	0.84799794	0.625000952	1.599997563	1.179248146	1.886794160
0.5587	0.53008432	0.84794494	0.625140023	1.599641620	1.179321860	1.886492331
0.5588	0.53016911	0.84789192	0.625279112	1.599285792	1.179395594	1.886190617
0.5589	0.53025390	0.84783890	0.625418218	1.598930077	1.179469350	1.885889019
0.5590	0.53033868	0.84778587	0.625557342	1.598574476	1.179543127	1.885587536
0.5591	0.53042345	0.84773284	0.625696483	1.598218989	1.179616924	1.885286169
0.5592	0.53050822	0.84767979	0.625835641	1.597863616	1.179690743	1.884984916
0.5593	0.53059299	0.84762673	0.625974817	1.597508356	1.179764583	1.884683779
0.5594	0.53067775	0.84757367	0.626114010	1.597153209	1.179838444	1.884382757
0.5595	0.53076250	0.84752060	0.626253220	1.596798176	1.179912326	1.884081849
0.5596	0.53084725	0.84746752	0.626392448	1.596443256	1.179986229	1.883781057
0.5597	0.53093200	0.84741443	0.626531694	1.596088450	1.180060152	1.883480379
0.5598	0.53101674	0.84736133	0.626670957	1.595733756	1.180134098	1.883179817
0.5599	0.53110147	0.84730823	0.626810237	1.595379176	1.180208064	1.882879369

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.5600	0.53118620	0.84725511	0.626949535	1.595024709	1.180282051	1.882579035
0.5601	0.53127092	0.84720199	0.627088850	1.594670356	1.180356059	1.882278817
0.5602	0.53135564	0.84714886	0.627228183	1.594316115	1.180430088	1.881978712
0.5603	0.53144035	0.84709572	0.627367533	1.593961987	1.180504139	1.881678723
0.5604	0.53152506	0.84704257	0.627506901	1.593607972	1.180578210	1.881378847
0.5605	0.53160976	0.84698941	0.627646286	1.593254070	1.180652303	1.881079087
0.5606	0.53169446	0.84693625	0.627785689	1.592900280	1.180726417	1.880779440
0.5607	0.53177915	0.84688307	0.627925109	1.592546603	1.180800552	1.880479908
0.5608	0.53186383	0.84682989	0.628064547	1.592193039	1.180874708	1.880180490
0.5609	0.53194851	0.84677670	0.628204002	1.591839587	1.180948885	1.879881186
0.5610	0.53203319	0.84672350	0.628343475	1.591486248	1.181023083	1.879581996
0.5611	0.53211786	0.84667029	0.628482965	1.591133022	1.181097302	1.879282920
0.5612	0.53220252	0.84661708	0.628622473	1.590779908	1.181171543	1.878983958
0.5613	0.53228718	0.84656385	0.628761999	1.590426906	1.181245805	1.878685110
0.5614	0.53237183	0.84651062	0.628901542	1.590074016	1.181320087	1.878386376
0.5615	0.53245648	0.84645738	0.629041102	1.589721239	1.181394391	1.878087755
0.5616	0.53254113	0.84640413	0.629180680	1.589368573	1.181468717	1.877789248
0.5617	0.53262576	0.84635087	0.629320276	1.589016020	1.181543063	1.877490855
0.5618	0.53271040	0.84629760	0.629459889	1.588663579	1.181617430	1.877192576
0.5619	0.53279502	0.84624433	0.629599520	1.588311250	1.181691819	1.876894410
0.5620	0.53287964	0.84619104	0.629739168	1.587959032	1.181766229	1.876596357
0.5621	0.53296426	0.84613775	0.629878834	1.587606927	1.181840660	1.876298418
0.5622	0.53304887	0.84608445	0.630018518	1.587254933	1.181915112	1.876000592
0.5623	0.53313348	0.84603114	0.630158219	1.586903051	1.181989586	1.875702880
0.5624	0.53321808	0.84597783	0.630297937	1.586551281	1.182064080	1.875405281
0.5625	0.53330267	0.84592450	0.630437674	1.586199622	1.182138596	1.875107795
0.5626	0.53338726	0.84587116	0.630577428	1.585848075	1.182213133	1.874810422
0.5627	0.53347185	0.84581782	0.630717199	1.585496639	1.182287692	1.874513162
0.5628	0.53355643	0.84576447	0.630856989	1.585145315	1.182362271	1.874216015
0.5629	0.53364100	0.84571111	0.630996796	1.584794102	1.182436872	1.873918981
0.5630	0.53372557	0.84565774	0.631136620	1.584443001	1.182511494	1.873622060
0.5631	0.53381013	0.84560437	0.631276462	1.584092010	1.182586137	1.873325251
0.5632	0.53389469	0.84555098	0.631416322	1.583741131	1.182660802	1.873028556
0.5633	0.53397924	0.84549759	0.631556200	1.583390363	1.182735487	1.872731973
0.5634	0.53406379	0.84544418	0.631696095	1.583039706	1.182810194	1.872435502
0.5635	0.53414833	0.84539077	0.631836008	1.582689160	1.182884923	1.872139145
0.5636	0.53423287	0.84533735	0.631975938	1.582338725	1.182959672	1.871842900
0.5637	0.53431740	0.84528393	0.632115886	1.581988401	1.183034443	1.871546767
0.5638	0.53440192	0.84523049	0.632255852	1.581638187	1.183109235	1.871250746
0.5639	0.53448644	0.84517705	0.632395836	1.581288085	1.183184049	1.870954838
0.5640	0.53457096	0.84512359	0.632535837	1.580938093	1.183258883	1.870659043
0.5641	0.53465547	0.84507013	0.632675856	1.580588212	1.183333739	1.870363359
0.5642	0.53473997	0.84501666	0.632815893	1.580238441	1.183408617	1.870067788
0.5643	0.53482447	0.84496318	0.632955947	1.579888781	1.183483515	1.869772329
0.5644	0.53490897	0.84490970	0.633096019	1.579539231	1.183558435	1.869476981
0.5645	0.53499345	0.84485620	0.633236109	1.579189792	1.183633377	1.869181746
0.5646	0.53507794	0.84480270	0.633376217	1.578840463	1.183708339	1.868886623
0.5647	0.53516242	0.84474919	0.633516342	1.578491245	1.183783323	1.868591611
0.5648	0.53524689	0.84469567	0.633656486	1.578142136	1.183858328	1.868296712
0.5649	0.53533135	0.84464214	0.633796647	1.577793138	1.183933355	1.868001924

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.5650	0.53541582	0.84458860	0.633936825	1.577444250	1.184008403	1.867707248
0.5651	0.53550027	0.84453505	0.634077022	1.577095472	1.184083472	1.867412683
0.5652	0.53558472	0.84448150	0.634217236	1.576746804	1.184158563	1.867118230
0.5653	0.53566917	0.84442794	0.634357468	1.576398246	1.184233675	1.866823888
0.5654	0.53575361	0.84437437	0.634497718	1.576049798	1.184308809	1.866529658
0.5655	0.53583804	0.84432079	0.634637986	1.575701459	1.184383963	1.866235540
0.5656	0.53592247	0.84426720	0.634778271	1.575353231	1.184459140	1.865941532
0.5657	0.53600690	0.84421360	0.634918574	1.575005112	1.184534337	1.865647636
0.5658	0.53609132	0.84416000	0.635058895	1.574657103	1.184609556	1.865353851
0.5659	0.53617573	0.84410638	0.635199234	1.574309203	1.184684797	1.865060178
0.5660	0.53626014	0.84405276	0.635339591	1.573961413	1.184760058	1.864766615
0.5661	0.53634454	0.84399913	0.635479965	1.573613732	1.184835342	1.864473163
0.5662	0.53642894	0.84394549	0.635620358	1.573266161	1.184910646	1.864179823
0.5663	0.53651333	0.84389185	0.635760768	1.572918699	1.184985972	1.863886593
0.5664	0.53659771	0.84383819	0.635901196	1.572571346	1.185061320	1.863593474
0.5665	0.53668210	0.84378453	0.636041642	1.572224102	1.185136689	1.863300466
0.5666	0.53676647	0.84373085	0.636182106	1.571876968	1.185212079	1.863007569
0.5667	0.53685084	0.84367717	0.636322588	1.571529943	1.185287491	1.862714783
0.5668	0.53693521	0.84362348	0.636463087	1.571183027	1.185362924	1.862422107
0.5669	0.53701957	0.84356979	0.636603605	1.570836220	1.185438379	1.862129541
0.5670	0.53710392	0.84351608	0.636744140	1.570489522	1.185513855	1.861837087
0.5671	0.53718827	0.84346237	0.636884693	1.570142932	1.185589352	1.861544742
0.5672	0.53727261	0.84340864	0.637025265	1.569796452	1.185664872	1.861252508
0.5673	0.53735695	0.84335491	0.637165854	1.569450080	1.185740412	1.860960385
0.5674	0.53744128	0.84330117	0.637306461	1.569103817	1.185815974	1.860668372
0.5675	0.53752561	0.84324742	0.637447086	1.568757663	1.185891558	1.860376468
0.5676	0.53760993	0.84319367	0.637587728	1.568411617	1.185967163	1.860084676
0.5677	0.53769425	0.84313990	0.637728389	1.568065680	1.186042789	1.859792993
0.5678	0.53777856	0.84308613	0.637869068	1.567719851	1.186118437	1.859501420
0.5679	0.53786287	0.84303235	0.638009765	1.567374131	1.186194107	1.859209957
0.5680	0.53794717	0.84297855	0.638150479	1.567028519	1.186269798	1.858918604
0.5681	0.53803146	0.84292476	0.638291212	1.566683015	1.186345511	1.858627362
0.5682	0.53811575	0.84287095	0.638431962	1.566337619	1.186421245	1.858336228
0.5683	0.53820004	0.84281713	0.638572731	1.565992332	1.186497001	1.858045205
0.5684	0.53828432	0.84276331	0.638713517	1.565647153	1.186572778	1.857754292
0.5685	0.53836859	0.84270948	0.638854322	1.565302082	1.186648577	1.857463488
0.5686	0.53845286	0.84265563	0.638995144	1.564957119	1.186724397	1.857172793
0.5687	0.53853712	0.84260179	0.639135985	1.564612264	1.186800239	1.856882208
0.5688	0.53862138	0.84254793	0.639276843	1.564267517	1.186876102	1.856591733
0.5689	0.53870563	0.84249406	0.639417720	1.563922877	1.186951987	1.856301367
0.5690	0.53878988	0.84244019	0.639558614	1.563578346	1.187027894	1.856011111
0.5691	0.53887412	0.84238630	0.639699527	1.563233922	1.187103822	1.855720963
0.5692	0.53895836	0.84233241	0.639840457	1.562889605	1.187179772	1.855430925
0.5693	0.53904259	0.84227851	0.639981406	1.562545397	1.187255743	1.855140997
0.5694	0.53912681	0.84222460	0.640122373	1.562201296	1.187331736	1.854851177
0.5695	0.53921103	0.84217069	0.640263357	1.561857302	1.187407751	1.854561466
0.5696	0.53929525	0.84211676	0.640404360	1.561513416	1.187483787	1.854271865
0.5697	0.53937945	0.84206283	0.640545381	1.561169637	1.187559845	1.853982372
0.5698	0.53946366	0.84200888	0.640686420	1.560825966	1.187635924	1.853692989
0.5699	0.53954786	0.84195493	0.640827477	1.560482402	1.187712025	1.853403714

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.5700	0.53963205	0.84190098	0.640968552	1.560138945	1.187788148	1.853114548
0.5701	0.53971624	0.84184701	0.641109645	1.559795595	1.187864292	1.852825491
0.5702	0.53980042	0.84179303	0.641250756	1.559452352	1.187940458	1.852536542
0.5703	0.53988459	0.84173905	0.641391885	1.559109217	1.188016646	1.852247702
0.5704	0.53996877	0.84168505	0.641533033	1.558766188	1.188092855	1.851958971
0.5705	0.54005293	0.84163105	0.641674198	1.558423266	1.188169086	1.851670348
0.5706	0.54013709	0.84157704	0.641815382	1.558080451	1.188245338	1.851381833
0.5707	0.54022125	0.84152303	0.641956584	1.557737743	1.188321613	1.851093427
0.5708	0.54030540	0.84146900	0.642097804	1.557395142	1.188397909	1.850805130
0.5709	0.54038954	0.84141497	0.642239042	1.557052647	1.188474226	1.850516940
0.5710	0.54047368	0.84136092	0.642380298	1.556710259	1.188550566	1.850228859
0.5711	0.54055781	0.84130687	0.642521572	1.556367978	1.188626927	1.849940886
0.5712	0.54064194	0.84125281	0.642662865	1.556025803	1.188703309	1.849653022
0.5713	0.54072606	0.84119874	0.642804175	1.555683735	1.188779714	1.849365265
0.5714	0.54081018	0.84114467	0.642945504	1.555341773	1.188856140	1.849077616
0.5715	0.54089429	0.84109058	0.643086851	1.554999917	1.188932588	1.848790075
0.5716	0.54097840	0.84103649	0.643228216	1.554658168	1.189009057	1.848502642
0.5717	0.54106250	0.84098238	0.643369599	1.554316525	1.189085548	1.848215317
0.5718	0.54114660	0.84092827	0.643511001	1.553974988	1.189162061	1.847928100
0.5719	0.54123069	0.84087416	0.643652421	1.553633557	1.189238596	1.847640990
0.5720	0.54131477	0.84082003	0.643793859	1.553292232	1.189315153	1.847353989
0.5721	0.54139885	0.84076589	0.643935315	1.552951014	1.189391731	1.847067094
0.5722	0.54148292	0.84071175	0.644076789	1.552609901	1.189468331	1.846780308
0.5723	0.54156699	0.84065760	0.644218282	1.552268894	1.189544953	1.846493628
0.5724	0.54165105	0.84060343	0.644359793	1.551927993	1.189621596	1.846207057
0.5725	0.54173511	0.84054927	0.644501322	1.551587198	1.189698262	1.845920592
0.5726	0.54181916	0.84049509	0.644642869	1.551246509	1.189774949	1.845634235
0.5727	0.54190321	0.84044090	0.644784435	1.550905925	1.189851658	1.845347986
0.5728	0.54198725	0.84038671	0.644926018	1.550565447	1.189928388	1.845061843
0.5729	0.54207129	0.84033250	0.645067621	1.550225074	1.190005141	1.844775808
0.5730	0.54215532	0.84027829	0.645209241	1.549884807	1.190081915	1.844489880
0.5731	0.54223934	0.84022407	0.645350880	1.549544646	1.190158711	1.844204058
0.5732	0.54232336	0.84016985	0.645492536	1.549204589	1.190235529	1.843918344
0.5733	0.54240738	0.84011561	0.645634212	1.548864639	1.190312369	1.843632737
0.5734	0.54249139	0.84006136	0.645775905	1.548524793	1.190389230	1.843347237
0.5735	0.54257539	0.84000711	0.645917617	1.548185053	1.190466114	1.843061843
0.5736	0.54265939	0.83995285	0.646059347	1.547845418	1.190543019	1.842776556
0.5737	0.54274338	0.83989858	0.646201096	1.547505888	1.190619946	1.842491377
0.5738	0.54282737	0.83984430	0.646342862	1.547166463	1.190696895	1.842206303
0.5739	0.54291135	0.83979001	0.646484647	1.546827143	1.190773866	1.841921337
0.5740	0.54299533	0.83973572	0.646626451	1.546487928	1.190850858	1.841636476
0.5741	0.54307930	0.83968141	0.646768273	1.546148818	1.190927873	1.841351723
0.5742	0.54316326	0.83962710	0.646910113	1.545809813	1.191004909	1.841067076
0.5743	0.54324722	0.83957278	0.647051971	1.545470912	1.191081967	1.840782535
0.5744	0.54333118	0.83951845	0.647193848	1.545132117	1.191159048	1.840498100
0.5745	0.54341513	0.83946411	0.647335743	1.544793426	1.191236150	1.840213772
0.5746	0.54349907	0.83940977	0.647477657	1.544454839	1.191313274	1.839929550
0.5747	0.54358301	0.83935542	0.647619588	1.544116357	1.191390419	1.839645435
0.5748	0.54366694	0.83930105	0.647761539	1.543777980	1.191467587	1.839361425
0.5749	0.54375087	0.83924668	0.647903508	1.543439707	1.191544777	1.839077522

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.5750	0.54383479	0.83919230	0.648045495	1.543101539	1.191621988	1.838793724
0.5751	0.54391871	0.83913791	0.648187500	1.542763475	1.191699222	1.838510032
0.5752	0.54400262	0.83908352	0.648329524	1.542425515	1.191776477	1.838226447
0.5753	0.54408652	0.83902911	0.648471566	1.542087660	1.191853755	1.837942967
0.5754	0.54417042	0.83897470	0.648613627	1.541749908	1.191931054	1.837659593
0.5755	0.54425432	0.83892028	0.648755706	1.541412261	1.192008375	1.837376325
0.5756	0.54433821	0.83886585	0.648897804	1.541074718	1.192085718	1.837093162
0.5757	0.54442209	0.83881141	0.649039920	1.540737279	1.192163084	1.836810105
0.5758	0.54450597	0.83875697	0.649182054	1.540399944	1.192240471	1.836527154
0.5759	0.54458984	0.83870251	0.649324207	1.540062712	1.192317880	1.836244308
0.5760	0.54467371	0.83864805	0.649466379	1.539725585	1.192395311	1.835961567
0.5761	0.54475757	0.83859358	0.649608569	1.539388561	1.192472764	1.835678932
0.5762	0.54484143	0.83853910	0.649750777	1.539051641	1.192550239	1.835396403
0.5763	0.54492528	0.83848461	0.649893004	1.538714825	1.192627736	1.835113978
0.5764	0.54500913	0.83843011	0.650035249	1.538378113	1.192705255	1.834831659
0.5765	0.54509297	0.83837561	0.650177513	1.538041504	1.192782796	1.834549445
0.5766	0.54517680	0.83832109	0.650319795	1.537704998	1.192860359	1.834267337
0.5767	0.54526063	0.83826657	0.650462096	1.537368596	1.192937944	1.833985333
0.5768	0.54534446	0.83821204	0.650604416	1.537032298	1.193015551	1.833703434
0.5769	0.54542827	0.83815750	0.650746754	1.536696103	1.193093180	1.833421641
0.5770	0.54551209	0.83810296	0.650889110	1.536360011	1.193170832	1.833139952
0.5771	0.54559589	0.83804840	0.651031485	1.536024022	1.193248505	1.832858368
0.5772	0.54567970	0.83799384	0.651173878	1.535688137	1.193326200	1.832576889
0.5773	0.54576349	0.83793926	0.651316290	1.535352355	1.193403917	1.832295515
0.5774	0.54584728	0.83788468	0.651458721	1.535016676	1.193481657	1.832014245
0.5775	0.54593107	0.83783009	0.651601170	1.534681099	1.193559418	1.831733080
0.5776	0.54601485	0.83777550	0.651743638	1.534345626	1.193637202	1.831452020
0.5777	0.54609862	0.83772089	0.651886124	1.534010256	1.193715007	1.831171064
0.5778	0.54618239	0.83766628	0.652028629	1.533674989	1.193792835	1.830890213
0.5779	0.54626616	0.83761165	0.652171152	1.533339824	1.193870685	1.830609466
0.5780	0.54634992	0.83755702	0.652313694	1.533004763	1.193948557	1.830328824
0.5781	0.54643367	0.83750238	0.652456255	1.532669804	1.194026451	1.830048285
0.5782	0.54651742	0.83744774	0.652598834	1.532334947	1.194104367	1.829767852
0.5783	0.54660116	0.83739308	0.652741432	1.532000193	1.194182305	1.829487522
0.5784	0.54668490	0.83733842	0.652884048	1.531665542	1.194260265	1.829207296
0.5785	0.54676863	0.83728374	0.653026683	1.531330994	1.194338247	1.828927175
0.5786	0.54685235	0.83722906	0.653169337	1.530996547	1.194416252	1.828647158
0.5787	0.54693607	0.83717437	0.653312009	1.530662204	1.194494279	1.828367245
0.5788	0.54701979	0.83711968	0.653454700	1.530327962	1.194572327	1.828087435
0.5789	0.54710350	0.83706497	0.653597410	1.529993823	1.194650398	1.827807730
0.5790	0.54718720	0.83701026	0.653740138	1.529659786	1.194728492	1.827528128
0.5791	0.54727090	0.83695553	0.653882885	1.529325851	1.194806607	1.827248631
0.5792	0.54735459	0.83690080	0.654025651	1.528992018	1.194884744	1.826969237
0.5793	0.54743828	0.83684606	0.654168435	1.528658288	1.194962904	1.826689946
0.5794	0.54752196	0.83679131	0.654311238	1.528324659	1.195041086	1.826410760
0.5795	0.54760564	0.83673656	0.654454060	1.527991132	1.195119290	1.826131677
0.5796	0.54768931	0.83668179	0.654596900	1.527657708	1.195197516	1.825852697
0.5797	0.54777297	0.83662702	0.654739759	1.527324385	1.195275764	1.825573821
0.5798	0.54785663	0.83657224	0.654882637	1.526991164	1.195354035	1.825295048
0.5799	0.54794029	0.83651745	0.655025534	1.526658044	1.195432327	1.825016379

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.5800	0.54802394	0.83646265	0.655168449	1.526325027	1.195510642	1.824737813
0.5801	0.54810758	0.83640784	0.655311383	1.525992111	1.195588980	1.824459351
0.5802	0.54819122	0.83635303	0.655454335	1.525659296	1.195667339	1.824180991
0.5803	0.54827485	0.83629821	0.655597307	1.525326583	1.195745721	1.823902735
0.5804	0.54835848	0.83624337	0.655740297	1.524993972	1.195824125	1.823624582
0.5805	0.54844210	0.83618853	0.655883306	1.524661462	1.195902551	1.823346531
0.5806	0.54852572	0.83613369	0.656026334	1.524329053	1.195980999	1.823068584
0.5807	0.54860933	0.83607883	0.656169380	1.523996746	1.196059470	1.822790740
0.5808	0.54869293	0.83602396	0.656312445	1.523664540	1.196137963	1.822512999
0.5809	0.54877653	0.83596909	0.656455529	1.523332435	1.196216478	1.822235360
0.5810	0.54886013	0.83591421	0.656598632	1.523000432	1.196295015	1.821957825
0.5811	0.54894371	0.83585932	0.656741754	1.522668529	1.196373575	1.821680392
0.5812	0.54902730	0.83580442	0.656884894	1.522336728	1.196452157	1.821403062
0.5813	0.54911087	0.83574951	0.657028053	1.522005028	1.196530761	1.821125834
0.5814	0.54919445	0.83569460	0.657171231	1.521673428	1.196609388	1.820848709
0.5815	0.54927801	0.83563967	0.657314428	1.521341929	1.196688037	1.820571687
0.5816	0.54936157	0.83558474	0.657457644	1.521010532	1.196766708	1.820294767
0.5817	0.54944513	0.83552980	0.657600878	1.520679235	1.196845401	1.820017949
0.5818	0.54952868	0.83547485	0.657744131	1.520348039	1.196924117	1.819741234
0.5819	0.54961223	0.83541990	0.657887403	1.520016943	1.197002855	1.819464621
0.5820	0.54969576	0.83536493	0.658030694	1.519685948	1.197081616	1.819188111
0.5821	0.54977930	0.83530996	0.658174004	1.519355054	1.197160399	1.818911702
0.5822	0.54986283	0.83525497	0.658317333	1.519024260	1.197239204	1.818635396
0.5823	0.54994635	0.83519998	0.658460681	1.518693567	1.197318031	1.818359192
0.5824	0.55002987	0.83514498	0.658604047	1.518362974	1.197396881	1.818083090
0.5825	0.55011338	0.83508998	0.658747433	1.518032482	1.197475753	1.817807090
0.5826	0.55019688	0.83503496	0.658890837	1.517702090	1.197554648	1.817531192
0.5827	0.55028039	0.83497994	0.659034260	1.517371798	1.197633565	1.817255396
0.5828	0.55036388	0.83492491	0.659177702	1.517041606	1.197712504	1.816979701
0.5829	0.55044737	0.83486987	0.659321163	1.516711515	1.197791466	1.816704109
0.5830	0.55053085	0.83481482	0.659464643	1.516381524	1.197870450	1.816428618
0.5831	0.55061433	0.83475976	0.659608142	1.516051632	1.197949457	1.816153229
0.5832	0.55069781	0.83470469	0.659751660	1.515721841	1.198028486	1.815877942
0.5833	0.55078127	0.83464962	0.659895196	1.515392150	1.198107537	1.815602756
0.5834	0.55086474	0.83459454	0.660038752	1.515062558	1.198186611	1.815327672
0.5835	0.55094819	0.83453945	0.660182326	1.514733067	1.198265707	1.815052689
0.5836	0.55103164	0.83448435	0.660325920	1.514403675	1.198344825	1.814777808
0.5837	0.55111509	0.83442924	0.660469533	1.514074383	1.198423966	1.814503028
0.5838	0.55119853	0.83437412	0.660613164	1.513745191	1.198503130	1.814228349
0.5839	0.55128197	0.83431900	0.660756814	1.513416098	1.198582316	1.813953772
0.5840	0.55136539	0.83426387	0.660900484	1.513087105	1.198661524	1.813679296
0.5841	0.55144882	0.83420873	0.661044172	1.512758212	1.198740755	1.813404921
0.5842	0.55153224	0.83415358	0.661187880	1.512429418	1.198820008	1.813130647
0.5843	0.55161565	0.83409842	0.661331606	1.512100723	1.198899284	1.812856474
0.5844	0.55169906	0.83404326	0.661475352	1.511772128	1.198978582	1.812582403
0.5845	0.55178246	0.83398808	0.661619116	1.511443632	1.199057903	1.812308432
0.5846	0.55186585	0.83393290	0.661762900	1.511115236	1.199137246	1.812034562
0.5847	0.55194924	0.83387771	0.661906702	1.510786938	1.199216612	1.811760793
0.5848	0.55203263	0.83382251	0.662050524	1.510458740	1.199296000	1.811487125
0.5849	0.55211601	0.83376730	0.662194364	1.510130641	1.199375411	1.811213558

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.5850	0.55219938	0.83371209	0.662338224	1.509802641	1.199454844	1.810940092
0.5851	0.55228275	0.83365686	0.662482103	1.509474740	1.199534300	1.810666726
0.5852	0.55236611	0.83360163	0.662626001	1.509146938	1.199613778	1.810393460
0.5853	0.55244947	0.83354639	0.662769917	1.508819235	1.199693279	1.810120296
0.5854	0.55253282	0.83349114	0.662913853	1.508491631	1.199772802	1.809847232
0.5855	0.55261617	0.83343588	0.663057808	1.508164126	1.199852348	1.809574268
0.5856	0.55269951	0.83338062	0.663201782	1.507836719	1.199931917	1.809301405
0.5857	0.55278285	0.83332534	0.663345776	1.507509412	1.200011507	1.809028642
0.5858	0.55286618	0.83327006	0.663489788	1.507182202	1.200091121	1.808755979
0.5859	0.55294950	0.83321477	0.663633819	1.506855092	1.200170757	1.808483417
0.5860	0.55303282	0.83315947	0.663777870	1.506528080	1.200250416	1.808210954
0.5861	0.55311613	0.83310416	0.663921940	1.506201167	1.200330097	1.807938592
0.5862	0.55319944	0.83304885	0.664066028	1.505874352	1.200409801	1.807666331
0.5863	0.55328274	0.83299352	0.664210136	1.505547635	1.200489527	1.807394169
0.5864	0.55336604	0.83293819	0.664354263	1.505221017	1.200569276	1.807122107
0.5865	0.55344933	0.83288285	0.664498410	1.504894497	1.200649048	1.806850145
0.5866	0.55353261	0.83282750	0.664642575	1.504568075	1.200728842	1.806578283
0.5867	0.55361589	0.83277214	0.664786760	1.504241752	1.200808659	1.806306521
0.5868	0.55369917	0.83271678	0.664930963	1.503915527	1.200888499	1.806034859
0.5869	0.55378244	0.83266140	0.665075186	1.503589400	1.200968361	1.805763296
0.5870	0.55386570	0.83260602	0.665219428	1.503263370	1.201048245	1.805491834
0.5871	0.55394896	0.83255063	0.665363690	1.502937439	1.201128153	1.805220470
0.5872	0.55403221	0.83249523	0.665507970	1.502611606	1.201208083	1.804949207
0.5873	0.55411546	0.83243982	0.665652270	1.502285871	1.201288036	1.804678043
0.5874	0.55419870	0.83238441	0.665796589	1.501960234	1.201368011	1.804406978
0.5875	0.55428193	0.83232898	0.665940927	1.501634694	1.201448009	1.804136013
0.5876	0.55436516	0.83227355	0.666085284	1.501309252	1.201528030	1.803865148
0.5877	0.55444839	0.83221811	0.666229661	1.500983908	1.201608073	1.803594381
0.5878	0.55453161	0.83216266	0.666374057	1.500658662	1.201688139	1.803323714
0.5879	0.55461482	0.83210720	0.666518472	1.500333513	1.201768228	1.803053147
0.5880	0.55469803	0.83205174	0.666662906	1.500008462	1.201848339	1.802782678
0.5881	0.55478123	0.83199626	0.666807360	1.499683508	1.201928473	1.802512309
0.5882	0.55486443	0.83194078	0.666951832	1.499358651	1.202008630	1.802242039
0.5883	0.55494762	0.83188529	0.667096325	1.499033892	1.202088810	1.801971867
0.5884	0.55503081	0.83182979	0.667240836	1.498709231	1.202169012	1.801701795
0.5885	0.55511399	0.83177429	0.667385367	1.498384667	1.202249237	1.801431822
0.5886	0.55519716	0.83171877	0.667529917	1.498060200	1.202329485	1.801161948
0.5887	0.55528033	0.83166325	0.667674486	1.497735830	1.202409755	1.800892172
0.5888	0.55536349	0.83160771	0.667819074	1.497411557	1.202490048	1.800622495
0.5889	0.55544665	0.83155217	0.667963682	1.497087381	1.202570364	1.800352918
0.5890	0.55552980	0.83149662	0.668108310	1.496763303	1.202650703	1.800083438
0.5891	0.55561295	0.83144107	0.668252956	1.496439321	1.202731064	1.799814058
0.5892	0.55569609	0.83138550	0.668397622	1.496115437	1.202811449	1.799544776
0.5893	0.55577923	0.83132993	0.668542307	1.495791649	1.202891856	1.799275592
0.5894	0.55586236	0.83127435	0.668687012	1.495467958	1.202972285	1.799006507
0.5895	0.55594548	0.83121876	0.668831736	1.495144364	1.203052738	1.798737521
0.5896	0.55602860	0.83116316	0.668976479	1.494820867	1.203133213	1.798468633
0.5897	0.55611172	0.83110755	0.669121241	1.494497466	1.203213712	1.798199843
0.5898	0.55619482	0.83105193	0.669266024	1.494174162	1.203294233	1.797931152
0.5899	0.55627793	0.83099631	0.669410825	1.493850955	1.203374776	1.797662559

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.5900	0.55636102	0.83094068	0.669555646	1.493527844	1.203455343	1.797394064
0.5901	0.55644411	0.83088504	0.669700486	1.493204830	1.203535932	1.797125667
0.5902	0.55652720	0.83082939	0.669845345	1.492881912	1.203616545	1.796857369
0.5903	0.55661028	0.83077373	0.669990224	1.492559091	1.203697180	1.796589168
0.5904	0.55669335	0.83071807	0.670135123	1.492236365	1.203777838	1.796321065
0.5905	0.55677642	0.83066239	0.670280041	1.491913737	1.203858519	1.796053061
0.5906	0.55685949	0.83060671	0.670424978	1.491591204	1.203939222	1.795785154
0.5907	0.55694255	0.83055102	0.670569935	1.491268768	1.204019949	1.795517345
0.5908	0.55702560	0.83049532	0.670714911	1.490946428	1.204100698	1.795249634
0.5909	0.55710864	0.83043962	0.670859906	1.490624183	1.204181470	1.794982021
0.5910	0.55719169	0.83038390	0.671004921	1.490302035	1.204262266	1.794714506
0.5911	0.55727472	0.83032818	0.671149956	1.489979983	1.204343084	1.794447088
0.5912	0.55735775	0.83027245	0.671295010	1.489658027	1.204423925	1.794179768
0.5913	0.55744078	0.83021671	0.671440083	1.489336167	1.204504788	1.793912545
0.5914	0.55752379	0.83016096	0.671585176	1.489014403	1.204585675	1.793645420
0.5915	0.55760681	0.83010520	0.671730289	1.488692734	1.204666585	1.793378392
0.5916	0.55768982	0.83004944	0.671875420	1.488371162	1.204747517	1.793111462
0.5917	0.55777282	0.82999367	0.672020572	1.488049685	1.204828473	1.792844629
0.5918	0.55785581	0.82993788	0.672165743	1.487728303	1.204909451	1.792577894
0.5919	0.55793881	0.82988209	0.672310933	1.487407018	1.204990453	1.792311255
0.5920	0.55802179	0.82982630	0.672456143	1.487085827	1.205071477	1.792044714
0.5921	0.55810477	0.82977049	0.672601373	1.486764733	1.205152524	1.791778270
0.5922	0.55818774	0.82971467	0.672746622	1.486443733	1.205233594	1.791511924
0.5923	0.55827071	0.82965885	0.672891890	1.486122830	1.205314688	1.791245674
0.5924	0.55835368	0.82960302	0.673037178	1.485802021	1.205395804	1.790979521
0.5925	0.55843663	0.82954718	0.673182486	1.485481308	1.205476943	1.790713466
0.5926	0.55851959	0.82949133	0.673327813	1.485160690	1.205558105	1.790447507
0.5927	0.55860253	0.82943548	0.673473160	1.484840168	1.205639290	1.790181645
0.5928	0.55868547	0.82937961	0.673618527	1.484519740	1.205720498	1.789915880
0.5929	0.55876841	0.82932374	0.673763913	1.484199408	1.205801729	1.789650212
0.5930	0.55885134	0.82926786	0.673909318	1.483879171	1.205882983	1.789384641
0.5931	0.55893426	0.82921197	0.674054743	1.483559028	1.205964260	1.789119166
0.5932	0.55901718	0.82915607	0.674200188	1.483238981	1.206045560	1.788853788
0.5933	0.55910009	0.82910017	0.674345652	1.482919029	1.206126883	1.788588507
0.5934	0.55918300	0.82904425	0.674491136	1.482599171	1.206208230	1.788323322
0.5935	0.55926590	0.82898833	0.674636640	1.482279409	1.206289599	1.788058233
0.5936	0.55934880	0.82893240	0.674782163	1.481959741	1.206370991	1.787793241
0.5937	0.55943169	0.82887646	0.674927706	1.481640168	1.206452406	1.787528346
0.5938	0.55951457	0.82882051	0.675073269	1.481320689	1.206533845	1.787263546
0.5939	0.55959745	0.82876456	0.675218851	1.481001306	1.206615306	1.786998844
0.5940	0.55968033	0.82870859	0.675364453	1.480682016	1.206696791	1.786734237
0.5941	0.55976319	0.82865262	0.675510075	1.480362822	1.206778298	1.786469727
0.5942	0.55984606	0.82859664	0.675655716	1.480043721	1.206859829	1.786205312
0.5943	0.55992891	0.82854065	0.675801377	1.479724716	1.206941382	1.785940994
0.5944	0.56001176	0.82848466	0.675947057	1.479405804	1.207022959	1.785676772
0.5945	0.56009461	0.82842865	0.676092758	1.479086987	1.207104559	1.785412646
0.5946	0.56017745	0.82837264	0.676238478	1.478768265	1.207186182	1.785148616
0.5947	0.56026028	0.82831661	0.676384217	1.478449636	1.207267828	1.784884682
0.5948	0.56034311	0.82826058	0.676529977	1.478131102	1.207349498	1.784620843
0.5949	0.56042594	0.82820455	0.676675756	1.477812662	1.207431190	1.784357101

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.5950	0.56050875	0.82814850	0.676821555	1.477494316	1.207512905	1.784093454
0.5951	0.56059157	0.82809244	0.676967373	1.477176064	1.207594644	1.783829903
0.5952	0.56067437	0.82803638	0.677113212	1.476857906	1.207676406	1.783566448
0.5953	0.56075717	0.82798031	0.677259070	1.476539842	1.207758191	1.783303089
0.5954	0.56083997	0.82792423	0.677404948	1.476221872	1.207839999	1.783039825
0.5955	0.56092276	0.82786814	0.677550845	1.475903996	1.207921830	1.782776656
0.5956	0.56100554	0.82781204	0.677696763	1.475586214	1.208003685	1.782513583
0.5957	0.56108832	0.82775594	0.677842700	1.475268525	1.208085562	1.782250606
0.5958	0.56117109	0.82769983	0.677988657	1.474950930	1.208167463	1.781987723
0.5959	0.56125386	0.82764371	0.678134634	1.474633429	1.208249387	1.781724937
0.5960	0.56133662	0.82758758	0.678280630	1.474316021	1.208331334	1.781462245
0.5961	0.56141938	0.82753144	0.678426646	1.473998707	1.208413305	1.781199649
0.5962	0.56150213	0.82747529	0.678572683	1.473681487	1.208495298	1.780937148
0.5963	0.56158487	0.82741914	0.678718739	1.473364360	1.208577315	1.780674742
0.5964	0.56166761	0.82736298	0.678864814	1.473047326	1.208659355	1.780412431
0.5965	0.56175035	0.82730680	0.679010910	1.472730386	1.208741418	1.780150216
0.5966	0.56183307	0.82725063	0.679157026	1.472413539	1.208823505	1.779888095
0.5967	0.56191580	0.82719444	0.679303161	1.472096786	1.208905614	1.779626069
0.5968	0.56199851	0.82713824	0.679449316	1.471780126	1.208987747	1.779364139
0.5969	0.56208122	0.82708204	0.679595491	1.471463559	1.209069904	1.779102303
0.5970	0.56216393	0.82702583	0.679741686	1.471147085	1.209152083	1.778840562
0.5971	0.56224663	0.82696961	0.679887901	1.470830704	1.209234286	1.778578916
0.5972	0.56232932	0.82691338	0.680034136	1.470514416	1.209316512	1.778317364
0.5973	0.56241201	0.82685714	0.680180390	1.470198221	1.209398761	1.778055907
0.5974	0.56249469	0.82680089	0.680326665	1.469882119	1.209481034	1.777794545
0.5975	0.56257737	0.82674464	0.680472959	1.469566111	1.209563330	1.777533278
0.5976	0.56266004	0.82668838	0.680619274	1.469250195	1.209645649	1.777272105
0.5977	0.56274271	0.82663211	0.680765608	1.468934371	1.209727991	1.777011026
0.5978	0.56282537	0.82657583	0.680911962	1.468618641	1.209810357	1.776750042
0.5979	0.56290802	0.82651954	0.681058336	1.468303003	1.209892746	1.776489153
0.5980	0.56299067	0.82646325	0.681204730	1.467987458	1.209975158	1.776228357
0.5981	0.56307332	0.82640695	0.681351144	1.467672006	1.210057594	1.775967656
0.5982	0.56315596	0.82635063	0.681497578	1.467356646	1.210140053	1.775707050
0.5983	0.56323859	0.82629431	0.681644032	1.467041379	1.210222536	1.775446537
0.5984	0.56332121	0.82623799	0.681790506	1.466726204	1.210305042	1.775186119
0.5985	0.56340384	0.82618165	0.681936999	1.466411121	1.210387571	1.774925795
0.5986	0.56348645	0.82612531	0.682083513	1.466096131	1.210470123	1.774665565
0.5987	0.56356906	0.82606895	0.682230047	1.465781234	1.210552699	1.774405429
0.5988	0.56365166	0.82601259	0.682376601	1.465466428	1.210635298	1.774145387
0.5989	0.56373426	0.82595622	0.682523175	1.465151715	1.210717921	1.773885439
0.5990	0.56381686	0.82589984	0.682669768	1.464837095	1.210800567	1.773625584
0.5991	0.56389944	0.82584346	0.682816382	1.464522566	1.210883236	1.773365824
0.5992	0.56398202	0.82578706	0.682963016	1.464208129	1.210965929	1.773106158
0.5993	0.56406460	0.82573066	0.683109670	1.463893785	1.211048645	1.772846585
0.5994	0.56414717	0.82567425	0.683256344	1.463579532	1.211131385	1.772587106
0.5995	0.56422974	0.82561783	0.683403038	1.463265372	1.211214148	1.772327720
0.5996	0.56431229	0.82556141	0.683549752	1.462951303	1.211296934	1.772068429
0.5997	0.56439485	0.82550497	0.683696486	1.462637326	1.211379744	1.771809230
0.5998	0.56447739	0.82544853	0.683843240	1.462323442	1.211462578	1.771550126
0.5999	0.56455994	0.82539208	0.683990014	1.462009648	1.211545434	1.771291114

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.6000	0.56464247	0.82533561	0.684136808	1.461695947	1.211628315	1.771032197
0.6001	0.56472500	0.82527915	0.684283623	1.461382337	1.211711218	1.770773372
0.6002	0.56480753	0.82522267	0.684430457	1.461068819	1.211794145	1.770514641
0.6003	0.56489005	0.82516619	0.684577312	1.460755393	1.211877096	1.770256004
0.6004	0.56497256	0.82510969	0.684724186	1.460442058	1.211960070	1.769997459
0.6005	0.56505507	0.82505319	0.684871081	1.460128815	1.212043068	1.769739008
0.6006	0.56513757	0.82499668	0.685017996	1.459815663	1.212126089	1.769480650
0.6007	0.56522007	0.82494016	0.685164931	1.459502602	1.212209133	1.769222385
0.6008	0.56530256	0.82488364	0.685311886	1.459189633	1.212292201	1.768964213
0.6009	0.56538505	0.82482710	0.685458862	1.458876756	1.212375293	1.768706134
0.6010	0.56546753	0.82477056	0.685605857	1.458563969	1.212458408	1.768448148
0.6011	0.56555000	0.82471401	0.685752873	1.458251274	1.212541547	1.768190255
0.6012	0.56563247	0.82465745	0.685899908	1.457938670	1.212624709	1.767932455
0.6013	0.56571493	0.82460088	0.686046964	1.457626157	1.212707894	1.767674747
0.6014	0.56579739	0.82454431	0.686194041	1.457313735	1.212791104	1.767417133
0.6015	0.56587984	0.82448772	0.686341137	1.457001404	1.212874336	1.767159611
0.6016	0.56596229	0.82443113	0.686488253	1.456689164	1.212957593	1.766902182
0.6017	0.56604473	0.82437453	0.686635390	1.456377015	1.213040873	1.766644846
0.6018	0.56612716	0.82431792	0.686782547	1.456064957	1.213124176	1.766387602
0.6019	0.56620959	0.82426131	0.686929724	1.455752990	1.213207503	1.766130451
0.6020	0.56629201	0.82420468	0.687076921	1.455441114	1.213290854	1.765873392
0.6021	0.56637443	0.82414805	0.687224139	1.455129328	1.213374228	1.765616426
0.6022	0.56645684	0.82409141	0.687371377	1.454817634	1.213457626	1.765359552
0.6023	0.56653925	0.82403476	0.687518635	1.454506030	1.213541047	1.765102770
0.6024	0.56662165	0.82397810	0.687665913	1.454194516	1.213624492	1.764846081
0.6025	0.56670405	0.82392143	0.687813212	1.453883093	1.213707961	1.764589484
0.6026	0.56678644	0.82386476	0.687960531	1.453571761	1.213791453	1.764332980
0.6027	0.56686882	0.82380807	0.688107870	1.453260519	1.213874969	1.764076568
0.6028	0.56695120	0.82375138	0.688255229	1.452949368	1.213958509	1.763820247
0.6029	0.56703357	0.82369468	0.688402609	1.452638307	1.214042072	1.763564019
0.6030	0.56711594	0.82363798	0.688550009	1.452327336	1.214125658	1.763307883
0.6031	0.56719830	0.82358126	0.688697429	1.452016456	1.214209269	1.763051839
0.6032	0.56728065	0.82352454	0.688844870	1.451705666	1.214292903	1.762795887
0.6033	0.56736300	0.82346780	0.688992331	1.451394966	1.214376561	1.762540027
0.6034	0.56744535	0.82341106	0.689139812	1.451084356	1.214460242	1.762284259
0.6035	0.56752768	0.82335432	0.689287313	1.450773837	1.214543947	1.762028582
0.6036	0.56761002	0.82329756	0.689434835	1.450463407	1.214627676	1.761772998
0.6037	0.56769234	0.82324079	0.689582377	1.450153068	1.214711429	1.761517505
0.6038	0.56777466	0.82318402	0.689729940	1.449842818	1.214795205	1.761262104
0.6039	0.56785698	0.82312724	0.689877523	1.449532659	1.214879005	1.761006794
0.6040	0.56793929	0.82307045	0.690025126	1.449222589	1.214962829	1.760751576
0.6041	0.56802159	0.82301365	0.690172750	1.448912610	1.215046676	1.760496450
0.6042	0.56810389	0.82295684	0.690320394	1.448602720	1.215130547	1.760241415
0.6043	0.56818619	0.82290003	0.690468058	1.448292920	1.215214442	1.759986472
0.6044	0.56826847	0.82284321	0.690615743	1.447983209	1.215298360	1.759731620
0.6045	0.56835075	0.82278638	0.690763448	1.447673589	1.215382303	1.759476860
0.6046	0.56843303	0.82272954	0.690911174	1.447364058	1.215466269	1.759222190
0.6047	0.56851530	0.82267269	0.691058920	1.447054616	1.215550258	1.758967613
0.6048	0.56859756	0.82261583	0.691206686	1.446745264	1.215634272	1.758713126
0.6049	0.56867982	0.82255897	0.691354473	1.446436002	1.215718309	1.758458731

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.6050	0.56876208	0.82250210	0.691502281	1.446126829	1.215802370	1.758204426
0.6051	0.56884432	0.82244522	0.691650108	1.445817745	1.215886455	1.757950213
0.6052	0.56892657	0.82238833	0.691797957	1.445508751	1.215970564	1.757696091
0.6053	0.56900880	0.82233143	0.691945825	1.445199846	1.216054697	1.757442060
0.6054	0.56909103	0.82227453	0.692093714	1.444891030	1.216138853	1.757188120
0.6055	0.56917326	0.82221761	0.692241624	1.444582304	1.216223033	1.756934271
0.6056	0.56925548	0.82216069	0.692389554	1.444273667	1.216307237	1.756680513
0.6057	0.56933769	0.82210376	0.692537505	1.443965119	1.216391465	1.756426846
0.6058	0.56941990	0.82204682	0.692685476	1.443656660	1.216475716	1.756173269
0.6059	0.56950210	0.82198988	0.692833467	1.443348290	1.216559992	1.755919783
0.6060	0.56958429	0.82193292	0.692981479	1.443040009	1.216644291	1.755666388
0.6061	0.56966648	0.82187596	0.693129512	1.442731817	1.216728614	1.755413084
0.6062	0.56974867	0.82181899	0.693277565	1.442423714	1.216812961	1.755159870
0.6063	0.56983085	0.82176201	0.693425639	1.442115700	1.216897332	1.754906747
0.6064	0.56991302	0.82170502	0.693573733	1.441807774	1.216981727	1.754653715
0.6065	0.56999519	0.82164803	0.693721848	1.441499938	1.217066145	1.754400772
0.6066	0.57007735	0.82159103	0.693869983	1.441192190	1.217150588	1.754147921
0.6067	0.57015951	0.82153401	0.694018139	1.440884531	1.217235054	1.753895160
0.6068	0.57024166	0.82147699	0.694166315	1.440576960	1.217319544	1.753642489
0.6069	0.57032380	0.82141997	0.694314512	1.440269478	1.217404058	1.753389908
0.6070	0.57040594	0.82136293	0.694462730	1.439962085	1.217488597	1.753137418
0.6071	0.57048808	0.82130588	0.694610968	1.439654780	1.217573159	1.752885018
0.6072	0.57057020	0.82124883	0.694759226	1.439347564	1.217657745	1.752632708
0.6073	0.57065233	0.82119177	0.694907506	1.439040436	1.217742354	1.752380488
0.6074	0.57073444	0.82113470	0.695055806	1.438733396	1.217826988	1.752128359
0.6075	0.57081655	0.82107762	0.695204126	1.438426445	1.217911646	1.751876319
0.6076	0.57089866	0.82102054	0.695352468	1.438119582	1.217996328	1.751624370
0.6077	0.57098076	0.82096344	0.695500829	1.437812807	1.218081033	1.751372510
0.6078	0.57106285	0.82090634	0.695649212	1.437506121	1.218165763	1.751120740
0.6079	0.57114494	0.82084923	0.695797615	1.437199523	1.218250516	1.750869061
0.6080	0.57122702	0.82079211	0.695946039	1.436893012	1.218335294	1.750617471
0.6081	0.57130910	0.82073499	0.696094483	1.436586590	1.218420096	1.750365971
0.6082	0.57139117	0.82067785	0.696242948	1.436280256	1.218504921	1.750114560
0.6083	0.57147323	0.82062071	0.696391434	1.435974010	1.218589771	1.749863240
0.6084	0.57155529	0.82056356	0.696539940	1.435667852	1.218674644	1.749612009
0.6085	0.57163734	0.82050640	0.696688468	1.435361782	1.218759542	1.749360867
0.6086	0.57171939	0.82044923	0.696837015	1.435055799	1.218844463	1.749109816
0.6087	0.57180143	0.82039205	0.696985584	1.434749905	1.218929409	1.748858853
0.6088	0.57188347	0.82033487	0.697134173	1.434444098	1.219014379	1.748607981
0.6089	0.57196550	0.82027768	0.697282783	1.434138379	1.219099372	1.748357197
0.6090	0.57204753	0.82022048	0.697431414	1.433832747	1.219184390	1.748106503
0.6091	0.57212954	0.82016327	0.697580065	1.433527203	1.219269432	1.747855899
0.6092	0.57221156	0.82010605	0.697728737	1.433221747	1.219354498	1.747605383
0.6093	0.57229357	0.82004882	0.697877430	1.432916378	1.219439588	1.747354957
0.6094	0.57237557	0.81999159	0.698026144	1.432611097	1.219524702	1.747104621
0.6095	0.57245756	0.81993435	0.698174878	1.432305903	1.219609840	1.746854373
0.6096	0.57253956	0.81987710	0.698323634	1.432000797	1.219695002	1.746604215
0.6097	0.57262154	0.81981984	0.698472410	1.431695778	1.219780188	1.746354145
0.6098	0.57270352	0.81976257	0.698621206	1.431390847	1.219865398	1.746104165
0.6099	0.57278549	0.81970530	0.698770024	1.431086002	1.219950633	1.745854274

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.6100	0.57286746	0.81964802	0.698918862	1.430781245	1.220035891	1.745604472
0.6101	0.57294942	0.81959073	0.699067721	1.430476575	1.220121174	1.745354758
0.6102	0.57303138	0.81953343	0.699216601	1.430171992	1.220206481	1.745105134
0.6103	0.57311333	0.81947612	0.699365502	1.429867497	1.220291812	1.744855598
0.6104	0.57319527	0.81941881	0.699514424	1.429563088	1.220377167	1.744606151
0.6105	0.57327721	0.81936148	0.699663366	1.429258767	1.220462546	1.744356793
0.6106	0.57335915	0.81930415	0.699812330	1.428954532	1.220547949	1.744107524
0.6107	0.57344107	0.81924681	0.699961314	1.428650384	1.220633377	1.743858343
0.6108	0.57352300	0.81918946	0.700110319	1.428346324	1.220718829	1.743609251
0.6109	0.57360491	0.81913211	0.700259345	1.428042350	1.220804304	1.743360248
0.6110	0.57368682	0.81907474	0.700408391	1.427738463	1.220889805	1.743111333
0.6111	0.57376873	0.81901737	0.700557459	1.427434662	1.220975329	1.742862506
0.6112	0.57385063	0.81895999	0.700706548	1.427130949	1.221060877	1.742613768
0.6113	0.57393252	0.81890260	0.700855657	1.426827322	1.221146450	1.742365119
0.6114	0.57401441	0.81884520	0.701004787	1.426523781	1.221232047	1.742116557
0.6115	0.57409629	0.81878779	0.701153939	1.426220328	1.221317668	1.741868084
0.6116	0.57417816	0.81873038	0.701303111	1.425916961	1.221403313	1.741619700
0.6117	0.57426003	0.81867296	0.701452304	1.425613680	1.221488983	1.741371403
0.6118	0.57434190	0.81861553	0.701601518	1.425310486	1.221574676	1.741123195
0.6119	0.57442376	0.81855809	0.701750753	1.425007378	1.221660394	1.740875075
0.6120	0.57450561	0.81850064	0.701900009	1.424704356	1.221746136	1.740627043
0.6121	0.57458746	0.81844319	0.702049285	1.424401421	1.221831903	1.740379099
0.6122	0.57466930	0.81838573	0.702198583	1.424098573	1.221917694	1.740131243
0.6123	0.57475113	0.81832826	0.702347902	1.423795810	1.222003509	1.739883476
0.6124	0.57483296	0.81827078	0.702497242	1.423493134	1.222089348	1.739635796
0.6125	0.57491479	0.81821329	0.702646602	1.423190543	1.222175212	1.739388204
0.6126	0.57499661	0.81815579	0.702795984	1.422888039	1.222261100	1.739140699
0.6127	0.57507842	0.81809829	0.702945387	1.422585621	1.222347012	1.738893283
0.6128	0.57516023	0.81804078	0.703094811	1.422283289	1.222432948	1.738645955
0.6129	0.57524203	0.81798326	0.703244255	1.421981043	1.222518909	1.738398714
0.6130	0.57532382	0.81792573	0.703393721	1.421678883	1.222604894	1.738151561
0.6131	0.57540561	0.81786819	0.703543208	1.421376809	1.222690903	1.737904495
0.6132	0.57548740	0.81781065	0.703692716	1.421074821	1.222776937	1.737657517
0.6133	0.57556917	0.81775310	0.703842245	1.420772918	1.222862995	1.737410627
0.6134	0.57565095	0.81769553	0.703991795	1.420471102	1.222949078	1.737163824
0.6135	0.57573271	0.81763797	0.704141365	1.420169371	1.223035185	1.736917109
0.6136	0.57581447	0.81758039	0.704290958	1.419867726	1.223121316	1.736670481
0.6137	0.57589623	0.81752280	0.704440571	1.419566166	1.223207471	1.736423940
0.6138	0.57597798	0.81746521	0.704590205	1.419264692	1.223293651	1.736177487
0.6139	0.57605972	0.81740761	0.704739860	1.418963303	1.223379855	1.735931121
0.6140	0.57614146	0.81735000	0.704889536	1.418662001	1.223466084	1.735684842
0.6141	0.57622319	0.81729238	0.705039234	1.418360783	1.223552337	1.735438651
0.6142	0.57630492	0.81723475	0.705188953	1.418059651	1.223638614	1.735192547
0.6143	0.57638664	0.81717712	0.705338692	1.417758604	1.223724916	1.734946530
0.6144	0.57646835	0.81711947	0.705488453	1.417457643	1.223811243	1.734700600
0.6145	0.57655006	0.81706182	0.705638235	1.417156767	1.223897593	1.734454757
0.6146	0.57663177	0.81700416	0.705788038	1.416855976	1.223983968	1.734209001
0.6147	0.57671346	0.81694650	0.705937862	1.416555271	1.224070368	1.733963332
0.6148	0.57679516	0.81688882	0.706087708	1.416254651	1.224156792	1.733717750
0.6149	0.57687684	0.81683114	0.706237574	1.415954116	1.224243240	1.733472255

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.6150	0.57695852	0.81677345	0.706387462	1.415653665	1.224329713	1.733226846
0.6151	0.57704020	0.81671575	0.706537371	1.415353300	1.224416211	1.732981525
0.6152	0.57712187	0.81665804	0.706687301	1.415053020	1.224502732	1.732736290
0.6153	0.57720353	0.81660032	0.706837252	1.414752825	1.224589279	1.732491142
0.6154	0.57728519	0.81654260	0.706987225	1.414452715	1.224675849	1.732246081
0.6155	0.57736684	0.81648487	0.707137219	1.414152690	1.224762445	1.732001106
0.6156	0.57744848	0.81642712	0.707287234	1.413852750	1.224849064	1.731756218
0.6157	0.57753012	0.81636938	0.707437270	1.413552894	1.224935709	1.731511416
0.6158	0.57761176	0.81631162	0.707587327	1.413253123	1.225022377	1.731266701
0.6159	0.57769338	0.81625385	0.707737406	1.412953437	1.225109071	1.731022073
0.6160	0.57777501	0.81619608	0.707887505	1.412653836	1.225195789	1.730777530
0.6161	0.57785662	0.81613830	0.708037627	1.412354319	1.225282531	1.730533075
0.6162	0.57793823	0.81608051	0.708187769	1.412054887	1.225369298	1.730288705
0.6163	0.57801984	0.81602271	0.708337933	1.411755539	1.225456089	1.730044422
0.6164	0.57810144	0.81596490	0.708488117	1.411456276	1.225542905	1.729800225
0.6165	0.57818303	0.81590709	0.708638324	1.411157098	1.225629746	1.729556115
0.6166	0.57826462	0.81584927	0.708788551	1.410858003	1.225716611	1.729312090
0.6167	0.57834620	0.81579144	0.708938800	1.410558993	1.225803501	1.729068152
0.6168	0.57842778	0.81573360	0.709089070	1.410260068	1.225890415	1.728824300
0.6169	0.57850935	0.81567575	0.709239361	1.409961227	1.225977354	1.728580534
0.6170	0.57859091	0.81561790	0.709389674	1.409662470	1.226064317	1.728336853
0.6171	0.57867247	0.81556003	0.709540008	1.409363797	1.226151305	1.728093259
0.6172	0.57875403	0.81550216	0.709690363	1.409065209	1.226238318	1.727849751
0.6173	0.57883557	0.81544428	0.709840740	1.408766704	1.226325355	1.727606329
0.6174	0.57891712	0.81538640	0.709991138	1.408468284	1.226412417	1.727362992
0.6175	0.57899865	0.81532850	0.710141558	1.408169948	1.226499503	1.727119741
0.6176	0.57908018	0.81527060	0.710291998	1.407871695	1.226586615	1.726876576
0.6177	0.57916170	0.81521268	0.710442461	1.407573527	1.226673750	1.726633497
0.6178	0.57924322	0.81515476	0.710592944	1.407275443	1.226760911	1.726390504
0.6179	0.57932474	0.81509684	0.710743449	1.406977442	1.226848096	1.726147596
0.6180	0.57940624	0.81503890	0.710893975	1.406679525	1.226935306	1.725904774
0.6181	0.57948774	0.81498095	0.711044523	1.406381693	1.227022540	1.725662037
0.6182	0.57956924	0.81492300	0.711195092	1.406083944	1.227109799	1.725419386
0.6183	0.57965073	0.81486504	0.711345683	1.405786278	1.227197083	1.725176820
0.6184	0.57973221	0.81480707	0.711496295	1.405488697	1.227284391	1.724934340
0.6185	0.57981369	0.81474909	0.711646928	1.405191199	1.227371725	1.724691945
0.6186	0.57989516	0.81469111	0.711797583	1.404893784	1.227459083	1.724449635
0.6187	0.57997663	0.81463311	0.711948259	1.404596453	1.227546465	1.724207411
0.6188	0.58005809	0.81457511	0.712098957	1.404299206	1.227633872	1.723965272
0.6189	0.58013954	0.81451710	0.712249676	1.404002042	1.227721304	1.723723218
0.6190	0.58022099	0.81445908	0.712400417	1.403704961	1.227808761	1.723481250
0.6191	0.58030243	0.81440106	0.712551179	1.403407964	1.227896243	1.723239367
0.6192	0.58038387	0.81434302	0.712701963	1.403111051	1.227983749	1.722997568
0.6193	0.58046530	0.81428498	0.712852768	1.402814220	1.228071280	1.722755855
0.6194	0.58054673	0.81422693	0.713003595	1.402517473	1.228158836	1.722514227
0.6195	0.58062815	0.81416887	0.713154443	1.402220809	1.228246416	1.722272684
0.6196	0.58070956	0.81411081	0.713305313	1.401924228	1.228334022	1.722031226
0.6197	0.58079097	0.81405273	0.713456204	1.401627731	1.228421652	1.721789852
0.6198	0.58087237	0.81399465	0.713607117	1.401331316	1.228509307	1.721548564
0.6199	0.58095377	0.81393656	0.713758051	1.401034985	1.228596986	1.721307360

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.6200	0.58103516	0.81387846	0.713909007	1.400738737	1.228684691	1.721066242
0.6201	0.58111655	0.81382035	0.714059984	1.400442571	1.228772420	1.720825208
0.6202	0.58119792	0.81376223	0.714210983	1.400146489	1.228860174	1.720584258
0.6203	0.58127930	0.81370411	0.714362004	1.399850489	1.228947953	1.720343394
0.6204	0.58136067	0.81364598	0.714513046	1.399554572	1.229035757	1.720102614
0.6205	0.58144203	0.81358784	0.714664109	1.399258738	1.229123586	1.719861918
0.6206	0.58152338	0.81352969	0.714815195	1.398962987	1.229211439	1.719621307
0.6207	0.58160473	0.81347153	0.714966301	1.398667319	1.229299318	1.719380781
0.6208	0.58168608	0.81341337	0.715117430	1.398371733	1.229387221	1.719140339
0.6209	0.58176742	0.81335520	0.715268580	1.398076230	1.229475149	1.718899981
0.6210	0.58184875	0.81329701	0.715419752	1.397780810	1.229563102	1.718659708
0.6211	0.58193008	0.81323883	0.715570945	1.397485472	1.229651080	1.718419519
0.6212	0.58201140	0.81318063	0.715722160	1.397190217	1.229739082	1.718179415
0.6213	0.58209271	0.81312242	0.715873397	1.396895044	1.229827110	1.717939395
0.6214	0.58217402	0.81306421	0.716024655	1.396599954	1.229915162	1.717699459
0.6215	0.58225532	0.81300599	0.716175935	1.396304946	1.230003240	1.717459607
0.6216	0.58233662	0.81294776	0.716327237	1.396010020	1.230091342	1.717219839
0.6217	0.58241791	0.81288952	0.716478560	1.395715177	1.230179469	1.716980156
0.6218	0.58249920	0.81283128	0.716629905	1.395420416	1.230267622	1.716740556
0.6219	0.58258048	0.81277302	0.716781272	1.395125737	1.230355799	1.716501041
0.6220	0.58266175	0.81271476	0.716932660	1.394831141	1.230444001	1.716261609
0.6221	0.58274302	0.81265649	0.717084070	1.394536626	1.230532228	1.716022262
0.6222	0.58282429	0.81259821	0.717235502	1.394242194	1.230620480	1.715782998
0.6223	0.58290554	0.81253992	0.717386956	1.393947844	1.230708757	1.715543818
0.6224	0.58298679	0.81248163	0.717538431	1.393653576	1.230797059	1.715304722
0.6225	0.58306804	0.81242333	0.717689928	1.393359390	1.230885386	1.715065710
0.6226	0.58314928	0.81236502	0.717841447	1.393065286	1.230973737	1.714826782
0.6227	0.58323051	0.81230670	0.717992987	1.392771264	1.231062114	1.714587937
0.6228	0.58331174	0.81224837	0.718144549	1.392477324	1.231150516	1.714349176
0.6229	0.58339296	0.81219003	0.718296133	1.392183465	1.231238943	1.714110498
0.6230	0.58347418	0.81213169	0.718447739	1.391889689	1.231327395	1.713871905
0.6231	0.58355539	0.81207334	0.718599367	1.391595994	1.231415872	1.713633394
0.6232	0.58363659	0.81201498	0.718751016	1.391302381	1.231504374	1.713394967
0.6233	0.58371779	0.81195661	0.718902687	1.391008849	1.231592901	1.713156624
0.6234	0.58379898	0.81189824	0.719054380	1.390715400	1.231681453	1.712918364
0.6235	0.58388017	0.81183985	0.719206095	1.390422031	1.231770030	1.712680188
0.6236	0.58396135	0.81178146	0.719357832	1.390128745	1.231858632	1.712442095
0.6237	0.58404253	0.81172306	0.719509590	1.389835540	1.231947260	1.712204085
0.6238	0.58412370	0.81166465	0.719661371	1.389542416	1.232035912	1.711966158
0.6239	0.58420486	0.81160624	0.719813173	1.389249374	1.232124589	1.711728315
0.6240	0.58428602	0.81154781	0.719964997	1.388956414	1.232213292	1.711490555
0.6241	0.58436717	0.81148938	0.720116843	1.388663534	1.232302020	1.711252878
0.6242	0.58444832	0.81143094	0.720268711	1.388370736	1.232390772	1.711015284
0.6243	0.58452946	0.81137249	0.720420600	1.388078020	1.232479550	1.710777773
0.6244	0.58461059	0.81131403	0.720572512	1.387785384	1.232568353	1.710540345
0.6245	0.58469172	0.81125557	0.720724445	1.387492830	1.232657181	1.710303000
0.6246	0.58477284	0.81119709	0.720876401	1.387200357	1.232746034	1.710065738
0.6247	0.58485396	0.81113861	0.721028378	1.386907965	1.232834913	1.709828560
0.6248	0.58493507	0.81108012	0.721180377	1.386615654	1.232923816	1.709591463
0.6249	0.58501617	0.81102163	0.721332398	1.386323424	1.233012745	1.709354450

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.6250	0.58509727	0.81096312	0.721484441	1.386031275	1.233101698	1.709117520
0.6251	0.58517837	0.81090461	0.721636506	1.385739208	1.233190677	1.708880672
0.6252	0.58525945	0.81084608	0.721788593	1.385447221	1.233279681	1.708643907
0.6253	0.58534054	0.81078755	0.721940702	1.385155315	1.233368711	1.708407225
0.6254	0.58542161	0.81072902	0.722092833	1.384863490	1.233457765	1.708170625
0.6255	0.58550268	0.81067047	0.722244985	1.384571746	1.233546845	1.707934108
0.6256	0.58558375	0.81061192	0.722397160	1.384280082	1.233635950	1.707697674
0.6257	0.58566480	0.81055335	0.722549357	1.383988499	1.233725080	1.707461322
0.6258	0.58574586	0.81049478	0.722701576	1.383696997	1.233814235	1.707225053
0.6259	0.58582690	0.81043620	0.722853816	1.383405576	1.233903416	1.706988866
0.6260	0.58590794	0.81037762	0.723006079	1.383114235	1.233992622	1.706752761
0.6261	0.58598898	0.81031902	0.723158364	1.382822975	1.234081853	1.706516739
0.6262	0.58607001	0.81026042	0.723310671	1.382531795	1.234171109	1.706280799
0.6263	0.58615103	0.81020181	0.723463000	1.382240696	1.234260391	1.706044941
0.6264	0.58623205	0.81014319	0.723615350	1.381949677	1.234349697	1.705809166
0.6265	0.58631306	0.81008456	0.723767723	1.381658739	1.234439029	1.705573473
0.6266	0.58639406	0.81002593	0.723920118	1.381367881	1.234528387	1.705337862
0.6267	0.58647506	0.80996728	0.724072536	1.381077103	1.234617769	1.705102333
0.6268	0.58655606	0.80990863	0.724224975	1.380786406	1.234707177	1.704866886
0.6269	0.58663705	0.80984997	0.724377436	1.380495789	1.234796611	1.704631521
0.6270	0.58671803	0.80979130	0.724529919	1.380205252	1.234886069	1.704396239
0.6271	0.58679900	0.80973263	0.724682425	1.379914796	1.234975553	1.704161038
0.6272	0.58687997	0.80967394	0.724834952	1.379624419	1.235065062	1.703925919
0.6273	0.58696094	0.80961525	0.724987502	1.379334123	1.235154597	1.703690883
0.6274	0.58704190	0.80955655	0.725140073	1.379043907	1.235244157	1.703455928
0.6275	0.58712285	0.80949784	0.725292667	1.378753771	1.235333742	1.703221054
0.6276	0.58720380	0.80943913	0.725445283	1.378463715	1.235423352	1.702986263
0.6277	0.58728474	0.80938040	0.725597922	1.378173738	1.235512988	1.702751553
0.6278	0.58736567	0.80932167	0.725750582	1.377883842	1.235602649	1.702516926
0.6279	0.58744660	0.80926293	0.725903264	1.377594025	1.235692336	1.702282379
0.6280	0.58752753	0.80920418	0.726055969	1.377304289	1.235782048	1.702047915
0.6281	0.58760844	0.80914542	0.726208696	1.377014632	1.235871785	1.701813532
0.6282	0.58768935	0.80908666	0.726361445	1.376725055	1.235961548	1.701579230
0.6283	0.58777026	0.80902789	0.726514216	1.376435558	1.236051336	1.701345010
0.6284	0.58785116	0.80896911	0.726667009	1.376146140	1.236141150	1.701110872
0.6285	0.58793205	0.80891032	0.726819825	1.375856802	1.236230989	1.700876815
0.6286	0.58801294	0.80885152	0.726972663	1.375567544	1.236320853	1.700642839
0.6287	0.58809382	0.80879271	0.727125523	1.375278365	1.236410743	1.700408945
0.6288	0.58817470	0.80873390	0.727278405	1.374989265	1.236500659	1.700175132
0.6289	0.58825557	0.80867508	0.727431310	1.374700246	1.236590599	1.699941401
0.6290	0.58833644	0.80861625	0.727584236	1.374411305	1.236680565	1.699707750
0.6291	0.58841729	0.80855741	0.727737185	1.374122444	1.236770557	1.699474181
0.6292	0.58849815	0.80849857	0.727890157	1.373833663	1.236860574	1.699240693
0.6293	0.58857899	0.80843971	0.728043150	1.373544961	1.236950617	1.699007286
0.6294	0.58865984	0.80838085	0.728196166	1.373256338	1.237040685	1.698773960
0.6295	0.58874067	0.80832198	0.728349204	1.372967794	1.237130779	1.698540716
0.6296	0.58882150	0.80826310	0.728502265	1.372679330	1.237220898	1.698307552
0.6297	0.58890232	0.80820422	0.728655347	1.372390944	1.237311042	1.698074469
0.6298	0.58898314	0.80814532	0.728808452	1.372102638	1.237401212	1.697841468
0.6299	0.58906395	0.80808642	0.728961580	1.371814411	1.237491408	1.697608547

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.6300	0.58914476	0.80802751	0.729114729	1.371526263	1.237581629	1.697375707
0.6301	0.58922556	0.80796859	0.729267901	1.371238194	1.237671876	1.697142948
0.6302	0.58930635	0.80790966	0.729421096	1.370950204	1.237762148	1.696910269
0.6303	0.58938714	0.80785073	0.729574312	1.370662293	1.237852446	1.696677672
0.6304	0.58946792	0.80779179	0.729727551	1.370374461	1.237942769	1.696445155
0.6305	0.58954870	0.80773283	0.729880813	1.370086708	1.238033118	1.696212719
0.6306	0.58962947	0.80767388	0.730034097	1.369799034	1.238123492	1.695980363
0.6307	0.58971023	0.80761491	0.730187403	1.369511438	1.238213892	1.695748088
0.6308	0.58979099	0.80755593	0.730340731	1.369223921	1.238304318	1.695515894
0.6309	0.58987174	0.80749695	0.730494082	1.368936483	1.238394769	1.695283780
0.6310	0.58995249	0.80743796	0.730647456	1.368649124	1.238485246	1.695051747
0.6311	0.59003323	0.80737896	0.730800851	1.368361843	1.238575748	1.694819794
0.6312	0.59011397	0.80731995	0.730954270	1.368074641	1.238666276	1.694587922
0.6313	0.59019470	0.80726094	0.731107710	1.367787518	1.238756830	1.694356129
0.6314	0.59027542	0.80720191	0.731261173	1.367500473	1.238847409	1.694124418
0.6315	0.59035614	0.80714288	0.731414659	1.367213506	1.238938014	1.693892786
0.6316	0.59043685	0.80708384	0.731568167	1.366926618	1.239028645	1.693661235
0.6317	0.59051755	0.80702480	0.731721697	1.366639808	1.239119301	1.693429764
0.6318	0.59059825	0.80696574	0.731875250	1.366353077	1.239209983	1.693198373
0.6319	0.59067895	0.80690668	0.732028825	1.366066424	1.239300690	1.692967063
0.6320	0.59075963	0.80684760	0.732182423	1.365779850	1.239391424	1.692735832
0.6321	0.59084032	0.80678852	0.732336044	1.365493353	1.239482183	1.692504682
0.6322	0.59092099	0.80672944	0.732489687	1.365206935	1.239572967	1.692273611
0.6323	0.59100166	0.80667034	0.732643352	1.364920595	1.239663777	1.692042621
0.6324	0.59108233	0.80661124	0.732797040	1.364634334	1.239754613	1.691811711
0.6325	0.59116298	0.80655212	0.732950750	1.364348150	1.239845475	1.691580880
0.6326	0.59124364	0.80649300	0.733104483	1.364062044	1.239936363	1.691350130
0.6327	0.59132428	0.80643387	0.733258239	1.363776017	1.240027276	1.691119459
0.6328	0.59140492	0.80637474	0.733412017	1.363490067	1.240118215	1.690888868
0.6329	0.59148556	0.80631559	0.733565817	1.363204196	1.240209179	1.690658357
0.6330	0.59156619	0.80625644	0.733719640	1.362918402	1.240300170	1.690427925
0.6331	0.59164681	0.80619728	0.733873486	1.362632686	1.240391186	1.690197574
0.6332	0.59172743	0.80613811	0.734027355	1.362347049	1.240482228	1.689967302
0.6333	0.59180804	0.80607893	0.734181245	1.362061489	1.240573295	1.689737109
0.6334	0.59188864	0.80601975	0.734335159	1.361776006	1.240664389	1.689506997
0.6335	0.59196924	0.80596056	0.734489095	1.361490602	1.240755508	1.689276963
0.6336	0.59204983	0.80590136	0.734643054	1.361205275	1.240846653	1.689047010
0.6337	0.59213042	0.80584215	0.734797035	1.360920026	1.240937824	1.688817135
0.6338	0.59221100	0.80578293	0.734951039	1.360634854	1.241029021	1.688587341
0.6339	0.59229158	0.80572370	0.735105066	1.360349760	1.241120243	1.688357625
0.6340	0.59237215	0.80566447	0.735259115	1.360064744	1.241211491	1.688127989
0.6341	0.59245271	0.80560523	0.735413187	1.359779805	1.241302765	1.687898432
0.6342	0.59253327	0.80554598	0.735567282	1.359494944	1.241394065	1.687668955
0.6343	0.59261382	0.80548672	0.735721399	1.359210160	1.241485391	1.687439557
0.6344	0.59269436	0.80542746	0.735875539	1.358925453	1.241576743	1.687210238
0.6345	0.59277490	0.80536818	0.736029701	1.358640824	1.241668120	1.686980998
0.6346	0.59285544	0.80530890	0.736183887	1.358356272	1.241759524	1.686751838
0.6347	0.59293597	0.80524961	0.736338095	1.358071798	1.241850953	1.686522756
0.6348	0.59301649	0.80519032	0.736492325	1.357787400	1.241942408	1.686293754
0.6349	0.59309700	0.80513101	0.736646579	1.357503080	1.242033889	1.686064831

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.6350	0.59317751	0.80507170	0.736800855	1.357218838	1.242125396	1.685835986
0.6351	0.59325802	0.80501237	0.736955154	1.356934672	1.242216929	1.685607221
0.6352	0.59333852	0.80495304	0.737109476	1.356650583	1.242308488	1.685378535
0.6353	0.59341901	0.80489371	0.737263820	1.356366572	1.242400073	1.685149927
0.6354	0.59349950	0.80483436	0.737418187	1.356082637	1.242491683	1.684921398
0.6355	0.59357998	0.80477501	0.737572577	1.355798780	1.242583320	1.684692948
0.6356	0.59366045	0.80471565	0.737726990	1.355514999	1.242674982	1.684464577
0.6357	0.59374092	0.80465628	0.737881425	1.355231295	1.242766671	1.684236285
0.6358	0.59382138	0.80459690	0.738035884	1.354947669	1.242858385	1.684008071
0.6359	0.59390184	0.80453751	0.738190365	1.354664119	1.242950126	1.683779937
0.6360	0.59398229	0.80447812	0.738344869	1.354380646	1.243041892	1.683551880
0.6361	0.59406273	0.80441871	0.738499395	1.354097249	1.243133684	1.683323902
0.6362	0.59414317	0.80435930	0.738653945	1.353813930	1.243225503	1.683096003
0.6363	0.59422361	0.80429989	0.738808517	1.353530687	1.243317347	1.682868183
0.6364	0.59430403	0.80424046	0.738963113	1.353247521	1.243409217	1.682640441
0.6365	0.59438445	0.80418102	0.739117731	1.352964431	1.243501114	1.682412777
0.6366	0.59446487	0.80412158	0.739272372	1.352681418	1.243593036	1.682185192
0.6367	0.59454528	0.80406213	0.739427035	1.352398482	1.243684985	1.681957685
0.6368	0.59462568	0.80400267	0.739581722	1.352115622	1.243776959	1.681730256
0.6369	0.59470608	0.80394321	0.739736432	1.351832838	1.243868959	1.681502906
0.6370	0.59478647	0.80388373	0.739891164	1.351550131	1.243960986	1.681275634
0.6371	0.59486686	0.80382425	0.740045919	1.351267501	1.244053039	1.681048440
0.6372	0.59494724	0.80376476	0.740200698	1.350984947	1.244145117	1.680821325
0.6373	0.59502761	0.80370526	0.740355499	1.350702469	1.244237222	1.680594287
0.6374	0.59510798	0.80364575	0.740510323	1.350420067	1.244329353	1.680367328
0.6375	0.59518834	0.80358624	0.740665170	1.350137742	1.244421510	1.680140447
0.6376	0.59526869	0.80352672	0.740820040	1.349855493	1.244513693	1.679913644
0.6377	0.59534904	0.80346718	0.740974933	1.349573320	1.244605902	1.679686919
0.6378	0.59542939	0.80340765	0.741129849	1.349291223	1.244698137	1.679460272
0.6379	0.59550972	0.80334810	0.741284788	1.349009202	1.244790398	1.679233703
0.6380	0.59559006	0.80328854	0.741439749	1.348727258	1.244882686	1.679007211
0.6381	0.59567038	0.80322898	0.741594734	1.348445389	1.244975000	1.678780798
0.6382	0.59575070	0.80316941	0.741749742	1.348163597	1.245067339	1.678554463
0.6383	0.59583102	0.80310983	0.741904773	1.347881880	1.245159705	1.678328205
0.6384	0.59591132	0.80305024	0.742059826	1.347600240	1.245252097	1.678102025
0.6385	0.59599163	0.80299065	0.742214903	1.347318675	1.245344516	1.677875923
0.6386	0.59607192	0.80293105	0.742370003	1.347037186	1.245436960	1.677649898
0.6387	0.59615221	0.80287143	0.742525126	1.346755773	1.245529431	1.677423951
0.6388	0.59623250	0.80281181	0.742680272	1.346474436	1.245621927	1.677198082
0.6389	0.59631277	0.80275219	0.742835441	1.346193175	1.245714450	1.676972291
0.6390	0.59639305	0.80269255	0.742990633	1.345911989	1.245807000	1.676746576
0.6391	0.59647331	0.80263291	0.743145848	1.345630879	1.245899575	1.676520940
0.6392	0.59655357	0.80257326	0.743301086	1.345349844	1.245992177	1.676295381
0.6393	0.59663383	0.80251360	0.743456347	1.345068885	1.246084804	1.676069899
0.6394	0.59671408	0.80245393	0.743611631	1.344788002	1.246177459	1.675844495
0.6395	0.59679432	0.80239426	0.743766939	1.344507194	1.246270139	1.675619168
0.6396	0.59687456	0.80233457	0.743922269	1.344226462	1.246362845	1.675393918
0.6397	0.59695479	0.80227488	0.744077623	1.343945806	1.246455578	1.675168746
0.6398	0.59703501	0.80221518	0.744232999	1.343665224	1.246548337	1.674943651
0.6399	0.59711523	0.80215547	0.744388399	1.343384718	1.246641123	1.674718633

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.6400	0.59719544	0.80209576	0.744543822	1.343104288	1.246733934	1.674493693
0.6401	0.59727565	0.80203603	0.744699268	1.342823932	1.246826772	1.674268830
0.6402	0.59735585	0.80197630	0.744854738	1.342543652	1.246919637	1.674044043
0.6403	0.59743604	0.80191656	0.745010230	1.342263448	1.247012527	1.673819334
0.6404	0.59751623	0.80185682	0.745165746	1.341983318	1.247105444	1.673594702
0.6405	0.59759641	0.80179706	0.745321284	1.341703264	1.247198387	1.673370147
0.6406	0.59767659	0.80173730	0.745476846	1.341423285	1.247291357	1.673145669
0.6407	0.59775676	0.80167752	0.745632432	1.341143381	1.247384353	1.672921268
0.6408	0.59783693	0.80161774	0.745788040	1.340863552	1.247477375	1.672696943
0.6409	0.59791709	0.80155796	0.745943672	1.340583798	1.247570423	1.672472696
0.6410	0.59799724	0.80149816	0.746099326	1.340304119	1.247663498	1.672248525
0.6411	0.59807739	0.80143836	0.746255004	1.340024515	1.247756600	1.672024431
0.6412	0.59815753	0.80137855	0.746410706	1.339744985	1.247849727	1.671800414
0.6413	0.59823766	0.80131873	0.746566430	1.339465531	1.247942881	1.671576474
0.6414	0.59831779	0.80125890	0.746722178	1.339186152	1.248036062	1.671352611
0.6415	0.59839791	0.80119906	0.746877949	1.338906847	1.248129268	1.671128824
0.6416	0.59847803	0.80113922	0.747033743	1.338627617	1.248222502	1.670905113
0.6417	0.59855814	0.80107937	0.747189561	1.338348462	1.248315761	1.670681480
0.6418	0.59863825	0.80101951	0.747345402	1.338069382	1.248409047	1.670457923
0.6419	0.59871834	0.80095964	0.747501266	1.337790377	1.248502360	1.670234442
0.6420	0.59879844	0.80089976	0.747657153	1.337511446	1.248595699	1.670011038
0.6421	0.59887852	0.80083988	0.747813064	1.337232589	1.248689064	1.669787710
0.6422	0.59895861	0.80077999	0.747968998	1.336953807	1.248782456	1.669564459
0.6423	0.59903868	0.80072009	0.748124956	1.336675100	1.248875874	1.669341284
0.6424	0.59911875	0.80066018	0.748280936	1.336396467	1.248969319	1.669118186
0.6425	0.59919881	0.80060026	0.748436941	1.336117909	1.249062790	1.668895163
0.6426	0.59927887	0.80054034	0.748592968	1.335839425	1.249156288	1.668672217
0.6427	0.59935892	0.80048041	0.748749019	1.335561016	1.249249812	1.668449348
0.6428	0.59943897	0.80042047	0.748905093	1.335282680	1.249343363	1.668226554
0.6429	0.59951900	0.80036052	0.749061191	1.335004420	1.249436940	1.668003837
0.6430	0.59959904	0.80030056	0.749217312	1.334726233	1.249530544	1.667781196
0.6431	0.59967906	0.80024060	0.749373456	1.334448121	1.249624174	1.667558631
0.6432	0.59975909	0.80018063	0.749529624	1.334170083	1.249717831	1.667336142
0.6433	0.59983910	0.80012065	0.749685815	1.333892119	1.249811514	1.667113729
0.6434	0.59991911	0.80006066	0.749842029	1.333614229	1.249905224	1.666891392
0.6435	0.59999911	0.80000067	0.749998268	1.333336413	1.249998961	1.666669131
0.6436	0.60007911	0.79994066	0.750154529	1.333058672	1.250092723	1.666446946
0.6437	0.60015910	0.79988065	0.750310814	1.332781004	1.250186513	1.666224836
0.6438	0.60023909	0.79982063	0.750467122	1.332503411	1.250280329	1.666002803
0.6439	0.60031907	0.79976060	0.750623454	1.332225891	1.250374172	1.665780845
0.6440	0.60039904	0.79970057	0.750779809	1.331948446	1.250468041	1.665558964
0.6441	0.60047901	0.79964052	0.750936188	1.331671074	1.250561937	1.665337158
0.6442	0.60055897	0.79958047	0.751092590	1.331393776	1.250655860	1.665115427
0.6443	0.60063892	0.79952041	0.751249016	1.331116552	1.250749809	1.664893773
0.6444	0.60071887	0.79946034	0.751405465	1.330839402	1.250843785	1.664672194
0.6445	0.60079881	0.79940027	0.751561938	1.330562325	1.250937787	1.664450691
0.6446	0.60087875	0.79934018	0.751718434	1.330285322	1.251031816	1.664229263
0.6447	0.60095868	0.79928009	0.751874954	1.330008393	1.251125872	1.664007911
0.6448	0.60103861	0.79921999	0.752031498	1.329731538	1.251219954	1.663786634
0.6449	0.60111853	0.79915988	0.752188065	1.329454756	1.251314063	1.663565433

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.6450	0.60119844	0.79909977	0.752344655	1.329178048	1.251408199	1.663344307
0.6451	0.60127835	0.79903964	0.752501269	1.328901413	1.251502361	1.663123256
0.6452	0.60135825	0.79897951	0.752657907	1.328624852	1.251596550	1.662902281
0.6453	0.60143814	0.79891937	0.752814568	1.328348364	1.251690766	1.662681382
0.6454	0.60151803	0.79885922	0.752971253	1.328071950	1.251785008	1.662460557
0.6455	0.60159791	0.79879907	0.753127961	1.327795609	1.251879278	1.662239808
0.6456	0.60167779	0.79873890	0.753284693	1.327519342	1.251973573	1.662019135
0.6457	0.60175766	0.79867873	0.753441449	1.327243148	1.252067896	1.661798536
0.6458	0.60183753	0.79861855	0.753598228	1.326967027	1.252162245	1.661578012
0.6459	0.60191738	0.79855836	0.753755031	1.326690980	1.252256622	1.661357564
0.6460	0.60199724	0.79849817	0.753911857	1.326415005	1.252351024	1.661137191
0.6461	0.60207708	0.79843797	0.754068707	1.326139104	1.252445454	1.660916893
0.6462	0.60215693	0.79837775	0.754225581	1.325863276	1.252539910	1.660696669
0.6463	0.60223676	0.79831753	0.754382479	1.325587522	1.252634394	1.660476521
0.6464	0.60231659	0.79825731	0.754539400	1.325311840	1.252728903	1.660256448
0.6465	0.60239641	0.79819707	0.754696344	1.325036231	1.252823440	1.660036450
0.6466	0.60247623	0.79813683	0.754853313	1.324760696	1.252918004	1.659816526
0.6467	0.60255604	0.79807658	0.755010305	1.324485233	1.253012594	1.659596678
0.6468	0.60263584	0.79801632	0.755167321	1.324209843	1.253107211	1.659376904
0.6469	0.60271564	0.79795605	0.755324361	1.323934527	1.253201855	1.659157205
0.6470	0.60279543	0.79789577	0.755481424	1.323659283	1.253296526	1.658937581
0.6471	0.60287522	0.79783549	0.755638511	1.323384112	1.253391224	1.658718031
0.6472	0.60295500	0.79777520	0.755795622	1.323109014	1.253485948	1.658498557
0.6473	0.60303478	0.79771490	0.755952757	1.322833988	1.253580699	1.658279157
0.6474	0.60311454	0.79765459	0.756109915	1.322559036	1.253675478	1.658059831
0.6475	0.60319431	0.79759428	0.756267097	1.322284156	1.253770283	1.657840580
0.6476	0.60327406	0.79753395	0.756424303	1.322009349	1.253865115	1.657621404
0.6477	0.60335381	0.79747362	0.756581533	1.321734614	1.253959974	1.657402302
0.6478	0.60343356	0.79741328	0.756738786	1.321459952	1.254054859	1.657183275
0.6479	0.60351330	0.79735293	0.756896063	1.321185363	1.254149772	1.656964322
0.6480	0.60359303	0.79729258	0.757053364	1.320910846	1.254244712	1.656745443
0.6481	0.60367276	0.79723222	0.757210689	1.320636402	1.254339678	1.656526639
0.6482	0.60375248	0.79717184	0.757368038	1.320362030	1.254434671	1.656307909
0.6483	0.60383219	0.79711146	0.757525410	1.320087731	1.254529692	1.656089254
0.6484	0.60391190	0.79705108	0.757682807	1.319813504	1.254624739	1.655870673
0.6485	0.60399160	0.79699068	0.757840227	1.319539349	1.254719813	1.655652166
0.6486	0.60407130	0.79693028	0.757997671	1.319265267	1.254814914	1.655433733
0.6487	0.60415099	0.79686987	0.758155139	1.318991257	1.254910043	1.655215374
0.6488	0.60423067	0.79680945	0.758312631	1.318717319	1.255005198	1.654997090
0.6489	0.60431035	0.79674902	0.758470147	1.318443454	1.255100380	1.654778880
0.6490	0.60439002	0.79668859	0.758627687	1.318169661	1.255195589	1.654560744
0.6491	0.60446969	0.79662814	0.758785250	1.317895940	1.255290825	1.654342681
0.6492	0.60454935	0.79656769	0.758942838	1.317622291	1.255386088	1.654124693
0.6493	0.60462900	0.79650723	0.759100449	1.317348714	1.255481378	1.653906779
0.6494	0.60470865	0.79644677	0.759258084	1.317075209	1.255576696	1.653688939
0.6495	0.60478829	0.79638629	0.759415743	1.316801776	1.255672040	1.653471172
0.6496	0.60486792	0.79632581	0.759573427	1.316528416	1.255767411	1.653253480
0.6497	0.60494755	0.79626532	0.759731134	1.316255127	1.255862809	1.653035861
0.6498	0.60502718	0.79620482	0.759888865	1.315981910	1.255958235	1.652818317
0.6499	0.60510679	0.79614431	0.760046620	1.315708765	1.256053687	1.652600846

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.6500	0.60518641	0.79608380	0.760204399	1.315435692	1.256149166	1.652383448
0.6501	0.60526601	0.79602328	0.760362202	1.315162691	1.256244673	1.652166125
0.6502	0.60534561	0.79596275	0.760520029	1.314889762	1.256340207	1.651948875
0.6503	0.60542520	0.79590221	0.760677880	1.314616904	1.256435767	1.651731699
0.6504	0.60550479	0.79584166	0.760835755	1.314344118	1.256531355	1.651514596
0.6505	0.60558437	0.79578111	0.760993655	1.314071404	1.256626970	1.651297567
0.6506	0.60566395	0.79572054	0.761151578	1.313798761	1.256722612	1.651080611
0.6507	0.60574352	0.79565997	0.761309525	1.313526190	1.256818282	1.650863729
0.6508	0.60582308	0.79559939	0.761467496	1.313253691	1.256913978	1.650646921
0.6509	0.60590264	0.79553881	0.761625491	1.312981263	1.257009701	1.650430186
0.6510	0.60598219	0.79547821	0.761783511	1.312708907	1.257105452	1.650213524
0.6511	0.60606173	0.79541761	0.761941554	1.312436622	1.257201230	1.649996936
0.6512	0.60614127	0.79535700	0.762099622	1.312164409	1.257297035	1.649780421
0.6513	0.60622080	0.79529638	0.762257713	1.311892267	1.257392867	1.649563979
0.6514	0.60630033	0.79523576	0.762415829	1.311620197	1.257488726	1.649347611
0.6515	0.60637985	0.79517512	0.762573969	1.311348198	1.257584613	1.649131316
0.6516	0.60645936	0.79511448	0.762732133	1.311076270	1.257680526	1.648915094
0.6517	0.60653887	0.79505383	0.762890321	1.310804414	1.257776467	1.648698945
0.6518	0.60661838	0.79499317	0.763048533	1.310532628	1.257872436	1.648482869
0.6519	0.60669787	0.79493251	0.763206770	1.310260914	1.257968431	1.648266867
0.6520	0.60677736	0.79487183	0.763365030	1.309989272	1.258064454	1.648050937
0.6521	0.60685685	0.79481115	0.763523315	1.309717700	1.258160503	1.647835081
0.6522	0.60693632	0.79475046	0.763681624	1.309446200	1.258256581	1.647619298
0.6523	0.60701580	0.79468977	0.763839957	1.309174770	1.258352685	1.647403587
0.6524	0.60709526	0.79462906	0.763998314	1.308903412	1.258448817	1.647187950
0.6525	0.60717472	0.79456835	0.764156696	1.308632125	1.258544976	1.646972385
0.6526	0.60725418	0.79450762	0.764315101	1.308360908	1.258641162	1.646756893
0.6527	0.60733362	0.79444690	0.764473531	1.308089763	1.258737375	1.646541475
0.6528	0.60741307	0.79438616	0.764631985	1.307818688	1.258833616	1.646326129
0.6529	0.60749250	0.79432541	0.764790464	1.307547685	1.258929884	1.646110855
0.6530	0.60757193	0.79426466	0.764948966	1.307276752	1.259026180	1.645895655
0.6531	0.60765135	0.79420390	0.765107493	1.307005890	1.259122502	1.645680527
0.6532	0.60773077	0.79414313	0.765266044	1.306735099	1.259218852	1.645465472
0.6533	0.60781018	0.79408235	0.765424619	1.306464379	1.259315230	1.645250490
0.6534	0.60788959	0.79402157	0.765583219	1.306193730	1.259411635	1.645035580
0.6535	0.60796899	0.79396077	0.765741843	1.305923151	1.259508067	1.644820743
0.6536	0.60804838	0.79389997	0.765900491	1.305652642	1.259604526	1.644605978
0.6537	0.60812777	0.79383916	0.766059164	1.305382205	1.259701013	1.644391286
0.6538	0.60820715	0.79377835	0.766217860	1.305111838	1.259797527	1.644176666
0.6539	0.60828652	0.79371752	0.766376582	1.304841541	1.259894069	1.643962119
0.6540	0.60836589	0.79365669	0.766535327	1.304571316	1.259990638	1.643747644
0.6541	0.60844525	0.79359585	0.766694097	1.304301160	1.260087234	1.643533242
0.6542	0.60852461	0.79353500	0.766852891	1.304031075	1.260183858	1.643318912
0.6543	0.60860396	0.79347415	0.767011709	1.303761061	1.260280509	1.643104654
0.6544	0.60868330	0.79341328	0.767170552	1.303491117	1.260377188	1.642890468
0.6545	0.60876264	0.79335241	0.767329420	1.303221243	1.260473894	1.642676355
0.6546	0.60884198	0.79329153	0.767488311	1.302951440	1.260570628	1.642462314
0.6547	0.60892130	0.79323064	0.767647227	1.302681706	1.260667389	1.642248346
0.6548	0.60900062	0.79316974	0.767806168	1.302412044	1.260764177	1.642034449
0.6549	0.60907994	0.79310884	0.767965133	1.302142451	1.260860993	1.641820624

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.6550	0.60915924	0.79304793	0.768124122	1.301872929	1.260957837	1.641606872
0.6551	0.60923855	0.79298701	0.768283135	1.301603476	1.261054708	1.641393192
0.6552	0.60931784	0.79292608	0.768442174	1.301334094	1.261151606	1.641179583
0.6553	0.60939713	0.79286514	0.768601236	1.301064782	1.261248532	1.640966047
0.6554	0.60947641	0.79280420	0.768760323	1.300795540	1.261345486	1.640752583
0.6555	0.60955569	0.79274325	0.768919435	1.300526368	1.261442467	1.640539190
0.6556	0.60963496	0.79268229	0.769078571	1.300257267	1.261539475	1.640325870
0.6557	0.60971423	0.79262132	0.769237731	1.299988235	1.261636511	1.640112621
0.6558	0.60979349	0.79256035	0.769396916	1.299719273	1.261733575	1.639899444
0.6559	0.60987274	0.79249936	0.769556125	1.299450381	1.261830666	1.639686339
0.6560	0.60995199	0.79243837	0.769715359	1.299181558	1.261927785	1.639473306
0.6561	0.61003123	0.79237737	0.769874618	1.298912806	1.262024931	1.639260345
0.6562	0.61011046	0.79231637	0.770033901	1.298644124	1.262122105	1.639047455
0.6563	0.61018969	0.79225535	0.770193208	1.298375511	1.262219307	1.638834637
0.6564	0.61026891	0.79219433	0.770352540	1.298106968	1.262316536	1.638621890
0.6565	0.61034813	0.79213330	0.770511897	1.297838494	1.262413792	1.638409216
0.6566	0.61042734	0.79207226	0.770671278	1.297570091	1.262511077	1.638196612
0.6567	0.61050654	0.79201121	0.770830684	1.297301757	1.262608389	1.637984081
0.6568	0.61058574	0.79195016	0.770990114	1.297033492	1.262705728	1.637771620
0.6569	0.61066493	0.79188909	0.771149569	1.296765298	1.262803095	1.637559232
0.6570	0.61074412	0.79182802	0.771309048	1.296497172	1.262900490	1.637346914
0.6571	0.61082330	0.79176695	0.771468552	1.296229117	1.262997913	1.637134668
0.6572	0.61090247	0.79170586	0.771628081	1.295961130	1.263095363	1.636922494
0.6573	0.61098164	0.79164477	0.771787634	1.295693213	1.263192841	1.636710391
0.6574	0.61106080	0.79158366	0.771947212	1.295425366	1.263290346	1.636498359
0.6575	0.61113996	0.79152255	0.772106815	1.295157588	1.263387879	1.636286399
0.6576	0.61121911	0.79146144	0.772266442	1.294889879	1.263485440	1.636074509
0.6577	0.61129825	0.79140031	0.772426094	1.294622240	1.263583029	1.635862691
0.6578	0.61137739	0.79133918	0.772585770	1.294354670	1.263680645	1.635650944
0.6579	0.61145652	0.79127803	0.772745472	1.294087169	1.263778289	1.635439269
0.6580	0.61153564	0.79121688	0.772905198	1.293819738	1.263875961	1.635227664
0.6581	0.61161476	0.79115573	0.773064948	1.293552375	1.263973660	1.635016131
0.6582	0.61169387	0.79109456	0.773224723	1.293285082	1.264071388	1.634804668
0.6583	0.61177298	0.79103339	0.773384523	1.293017858	1.264169143	1.634593277
0.6584	0.61185208	0.79097221	0.773544348	1.292750703	1.264266925	1.634381957
0.6585	0.61193117	0.79091102	0.773704198	1.292483617	1.264364736	1.634170707
0.6586	0.61201026	0.79084982	0.773864072	1.292216600	1.264462574	1.633959529
0.6587	0.61208934	0.79078862	0.774023971	1.291949652	1.264560440	1.633748421
0.6588	0.61216842	0.79072740	0.774183894	1.291682774	1.264658334	1.633537385
0.6589	0.61224749	0.79066618	0.774343843	1.291415964	1.264756256	1.633326419
0.6590	0.61232655	0.79060495	0.774503816	1.291149223	1.264854205	1.633115524
0.6591	0.61240561	0.79054372	0.774663814	1.290882550	1.264952183	1.632904700
0.6592	0.61248466	0.79048247	0.774823837	1.290615947	1.265050188	1.632693946
0.6593	0.61256371	0.79042122	0.774983885	1.290349412	1.265148221	1.632483264
0.6594	0.61264275	0.79035996	0.775143957	1.290082947	1.265246282	1.632272652
0.6595	0.61272178	0.79029869	0.775304054	1.289816550	1.265344371	1.632062110
0.6596	0.61280081	0.79023742	0.775464176	1.289550221	1.265442487	1.631851639
0.6597	0.61287983	0.79017613	0.775624323	1.289283962	1.265540632	1.631641239
0.6598	0.61295884	0.79011484	0.775784495	1.289017771	1.265638804	1.631430910
0.6599	0.61303785	0.79005354	0.775944691	1.288751648	1.265737004	1.631220651

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.6600	0.61311685	0.78999223	0.776104913	1.288485594	1.265835232	1.631010462
0.6601	0.61319585	0.78993092	0.776265159	1.288219609	1.265933489	1.630800344
0.6602	0.61327484	0.78986959	0.776425430	1.287953693	1.266031772	1.630590296
0.6603	0.61335382	0.78980826	0.776585726	1.287687844	1.266130084	1.630380319
0.6604	0.61343280	0.78974692	0.776746047	1.287422065	1.266228424	1.630170412
0.6605	0.61351177	0.78968557	0.776906393	1.287156353	1.266326792	1.629960575
0.6606	0.61359074	0.78962422	0.777066764	1.286890710	1.266425188	1.629750809
0.6607	0.61366970	0.78956286	0.777227160	1.286625136	1.266523611	1.629541113
0.6608	0.61374865	0.78950149	0.777387581	1.286359629	1.266622063	1.629331487
0.6609	0.61382760	0.78944011	0.777548026	1.286094191	1.266720543	1.629121932
0.6610	0.61390654	0.78937872	0.777708497	1.285828822	1.266819050	1.628912447
0.6611	0.61398547	0.78931733	0.777868992	1.285563520	1.266917586	1.628703031
0.6612	0.61406440	0.78925592	0.778029513	1.285298287	1.267016149	1.628493686
0.6613	0.61414332	0.78919451	0.778190058	1.285033122	1.267114741	1.628284411
0.6614	0.61422224	0.78913309	0.778350629	1.284768025	1.267213361	1.628075206
0.6615	0.61430115	0.78907167	0.778511224	1.284502996	1.267312008	1.627866072
0.6616	0.61438005	0.78901023	0.778671845	1.284238035	1.267410684	1.627657007
0.6617	0.61445895	0.78894879	0.778832490	1.283973143	1.267509388	1.627448012
0.6618	0.61453784	0.78888734	0.778993161	1.283708318	1.267608119	1.627239087
0.6619	0.61461673	0.78882588	0.779153856	1.283443561	1.267706879	1.627030232
0.6620	0.61469561	0.78876442	0.779314577	1.283178872	1.267805667	1.626821446
0.6621	0.61477448	0.78870295	0.779475323	1.282914252	1.267904483	1.626612731
0.6622	0.61485335	0.78864146	0.779636093	1.282649699	1.268003327	1.626404086
0.6623	0.61493221	0.78857997	0.779796889	1.282385214	1.268102199	1.626195510
0.6624	0.61501107	0.78851848	0.779957710	1.282120796	1.268201100	1.625987004
0.6625	0.61508991	0.78845697	0.780118556	1.281856447	1.268300028	1.625778567
0.6626	0.61516876	0.78839546	0.780279427	1.281592165	1.268398985	1.625570201
0.6627	0.61524759	0.78833394	0.780440323	1.281327951	1.268497969	1.625361904
0.6628	0.61532642	0.78827241	0.780601244	1.281063805	1.268596982	1.625153676
0.6629	0.61540525	0.78821087	0.780762191	1.280799726	1.268696023	1.624945519
0.6630	0.61548407	0.78814933	0.780923162	1.280535715	1.268795092	1.624737430
0.6631	0.61556288	0.78808778	0.781084159	1.280271772	1.268894189	1.624529412
0.6632	0.61564168	0.78802622	0.781245181	1.280007896	1.268993315	1.624321463
0.6633	0.61572048	0.78796465	0.781406228	1.279744088	1.269092468	1.624113583
0.6634	0.61579928	0.78790307	0.781567300	1.279480347	1.269191650	1.623905773
0.6635	0.61587806	0.78784149	0.781728397	1.279216674	1.269290860	1.623698032
0.6636	0.61595684	0.78777990	0.781889520	1.278953068	1.269390098	1.623490360
0.6637	0.61603562	0.78771830	0.782050667	1.278689530	1.269489364	1.623282758
0.6638	0.61611439	0.78765669	0.782211840	1.278426059	1.269588659	1.623075225
0.6639	0.61619315	0.78759507	0.782373039	1.278162655	1.269687982	1.622867762
0.6640	0.61627191	0.78753345	0.782534262	1.277899319	1.269787333	1.622660368
0.6641	0.61635066	0.78747182	0.782695510	1.277636050	1.269886712	1.622453042
0.6642	0.61642940	0.78741018	0.782856784	1.277372848	1.269986120	1.622245787
0.6643	0.61650814	0.78734853	0.783018083	1.277109713	1.270085556	1.622038600
0.6644	0.61658687	0.78728688	0.783179408	1.276846646	1.270185020	1.621831482
0.6645	0.61666560	0.78722522	0.783340757	1.276583646	1.270284512	1.621624434
0.6646	0.61674432	0.78716355	0.783502132	1.276320713	1.270384033	1.621417455
0.6647	0.61682303	0.78710187	0.783663533	1.276057847	1.270483582	1.621210544
0.6648	0.61690174	0.78704018	0.783824958	1.275795048	1.270583159	1.621003703
0.6649	0.61698044	0.78697849	0.783986409	1.275532316	1.270682765	1.620796930

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.6650	0.61705913	0.78691679	0.784147885	1.275269651	1.270782399	1.620590227
0.6651	0.61713782	0.78685508	0.784309386	1.275007054	1.270882061	1.620383593
0.6652	0.61721650	0.78679336	0.784470913	1.274744523	1.270981752	1.620177027
0.6653	0.61729518	0.78673163	0.784632465	1.274482059	1.271081471	1.619970530
0.6654	0.61737385	0.78666990	0.784794043	1.274219662	1.271181218	1.619764102
0.6655	0.61745251	0.78660816	0.784955646	1.273957332	1.271280994	1.619557743
0.6656	0.61753117	0.78654641	0.785117274	1.273695068	1.271380798	1.619351453
0.6657	0.61760982	0.78648465	0.785278928	1.273432872	1.271480631	1.619145231
0.6658	0.61768847	0.78642289	0.785440607	1.273170742	1.271580492	1.618939078
0.6659	0.61776711	0.78636111	0.785602311	1.272908679	1.271680381	1.618732994
0.6660	0.61784574	0.78629933	0.785764041	1.272646683	1.271780299	1.618526978
0.6661	0.61792437	0.78623754	0.785925796	1.272384753	1.271880245	1.618321031
0.6662	0.61800299	0.78617575	0.786087577	1.272122890	1.271980219	1.618115153
0.6663	0.61808160	0.78611394	0.786249383	1.271861094	1.272080222	1.617909343
0.6664	0.61816021	0.78605213	0.786411214	1.271599364	1.272180254	1.617703602
0.6665	0.61823881	0.78599031	0.786573071	1.271337701	1.272280314	1.617497929
0.6666	0.61831741	0.78592848	0.786734954	1.271076104	1.272380402	1.617292324
0.6667	0.61839600	0.78586665	0.786896862	1.270814574	1.272480519	1.617086789
0.6668	0.61847458	0.78580480	0.787058795	1.270553110	1.272580664	1.616881321
0.6669	0.61855316	0.78574295	0.787220754	1.270291713	1.272680838	1.616675922
0.6670	0.61863173	0.78568109	0.787382738	1.270030382	1.272781040	1.616470591
0.6671	0.61871030	0.78561923	0.787544748	1.269769118	1.272881271	1.616265328
0.6672	0.61878885	0.78555735	0.787706784	1.269507919	1.272981531	1.616060134
0.6673	0.61886741	0.78549547	0.787868845	1.269246787	1.273081818	1.615855008
0.6674	0.61894595	0.78543358	0.788030931	1.268985722	1.273182135	1.615649950
0.6675	0.61902449	0.78537168	0.788193043	1.268724722	1.273282480	1.615444961
0.6676	0.61910303	0.78530977	0.788355181	1.268463789	1.273382853	1.615240039
0.6677	0.61918156	0.78524786	0.788517344	1.268202922	1.273483255	1.615035186
0.6678	0.61926008	0.78518594	0.788679533	1.267942122	1.273583686	1.614830401
0.6679	0.61933859	0.78512401	0.788841747	1.267681387	1.273684145	1.614625684
0.6680	0.61941710	0.78506207	0.789003987	1.267420718	1.273784633	1.614421035
0.6681	0.61949561	0.78500012	0.789166253	1.267160116	1.273885150	1.614216454
0.6682	0.61957410	0.78493817	0.789328544	1.266899579	1.273985695	1.614011941
0.6683	0.61965259	0.78487621	0.789490860	1.266639109	1.274086268	1.613807495
0.6684	0.61973108	0.78481424	0.789653203	1.266378704	1.274186870	1.613603118
0.6685	0.61980956	0.78475226	0.789815571	1.266118366	1.274287501	1.613398809
0.6686	0.61988803	0.78469028	0.789977965	1.265858093	1.274388161	1.613194567
0.6687	0.61996649	0.78462829	0.790140384	1.265597887	1.274488849	1.612990394
0.6688	0.62004495	0.78456628	0.790302829	1.265337746	1.274589566	1.612786288
0.6689	0.62012341	0.78450428	0.790465300	1.265077671	1.274690311	1.612582250
0.6690	0.62020186	0.78444226	0.790627796	1.264817661	1.274791086	1.612378280
0.6691	0.62028030	0.78438024	0.790790318	1.264557718	1.274891888	1.612174377
0.6692	0.62035873	0.78431820	0.790952866	1.264297840	1.274992720	1.611970542
0.6693	0.62043716	0.78425616	0.791115439	1.264038028	1.275093580	1.611766775
0.6694	0.62051558	0.78419412	0.791278039	1.263778282	1.275194469	1.611563075
0.6695	0.62059400	0.78413206	0.791440664	1.263518601	1.275295387	1.611359443
0.6696	0.62067241	0.78407000	0.791603314	1.263258986	1.275396333	1.611155879
0.6697	0.62075081	0.78400793	0.791765991	1.262999436	1.275497309	1.610952382
0.6698	0.62082921	0.78394585	0.791928693	1.262739952	1.275598312	1.610748952
0.6699	0.62090760	0.78388376	0.792091421	1.262480534	1.275699345	1.610545590

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.6700	0.62098599	0.78382167	0.792254175	1.262221181	1.275800407	1.610342296
0.6701	0.62106437	0.78375956	0.792416954	1.261961893	1.275901497	1.610139069
0.6702	0.62114274	0.78369745	0.792579760	1.261702671	1.276002616	1.609935909
0.6703	0.62122111	0.78363533	0.792742591	1.261443515	1.276103764	1.609732817
0.6704	0.62129947	0.78357321	0.792905448	1.261184423	1.276204940	1.609529792
0.6705	0.62137782	0.78351107	0.793068331	1.260925397	1.276306146	1.609326834
0.6706	0.62145617	0.78344893	0.793231239	1.260666437	1.276407380	1.609123943
0.6707	0.62153451	0.78338678	0.793394174	1.260407541	1.276508643	1.608921120
0.6708	0.62161285	0.78332463	0.793557134	1.260148711	1.276609935	1.608718364
0.6709	0.62169117	0.78326246	0.793720120	1.259889946	1.276711255	1.608515675
0.6710	0.62176950	0.78320029	0.793883132	1.259631247	1.276812605	1.608313053
0.6711	0.62184781	0.78313811	0.794046170	1.259372612	1.276913983	1.608110499
0.6712	0.62192613	0.78307592	0.794209234	1.259114043	1.277015391	1.607908011
0.6713	0.62200443	0.78301372	0.794372324	1.258855539	1.277116827	1.607705591
0.6714	0.62208273	0.78295152	0.794535440	1.258597099	1.277218292	1.607503238
0.6715	0.62216102	0.78288931	0.794698581	1.258338725	1.277319786	1.607300951
0.6716	0.62223931	0.78282709	0.794861749	1.258080416	1.277421309	1.607098732
0.6717	0.62231759	0.78276486	0.795024943	1.257822172	1.277522861	1.606896579
0.6718	0.62239586	0.78270262	0.795188162	1.257563993	1.277624441	1.606694494
0.6719	0.62247413	0.78264038	0.795351407	1.257305879	1.277726051	1.606492475
0.6720	0.62255239	0.78257813	0.795514679	1.257047829	1.277827690	1.606290523
0.6721	0.62263064	0.78251587	0.795677976	1.256789845	1.277929357	1.606088638
0.6722	0.62270889	0.78245360	0.795841299	1.256531925	1.278031054	1.605886820
0.6723	0.62278713	0.78239133	0.796004649	1.256274070	1.278132779	1.605685069
0.6724	0.62286537	0.78232904	0.796168024	1.256016280	1.278234533	1.605483384
0.6725	0.62294360	0.78226675	0.796331425	1.255758555	1.278336317	1.605281766
0.6726	0.62302182	0.78220445	0.796494853	1.255500894	1.278438129	1.605080215
0.6727	0.62310004	0.78214215	0.796658306	1.255243298	1.278539971	1.604878730
0.6728	0.62317825	0.78207983	0.796821786	1.254985767	1.278641841	1.604677312
0.6729	0.62325646	0.78201751	0.796985291	1.254728300	1.278743741	1.604475961
0.6730	0.62333465	0.78195518	0.797148823	1.254470898	1.278845669	1.604274676
0.6731	0.62341285	0.78189285	0.797312381	1.254213561	1.278947627	1.604073457
0.6732	0.62349103	0.78183050	0.797475964	1.253956288	1.279049613	1.603872306
0.6733	0.62356921	0.78176815	0.797639574	1.253699080	1.279151629	1.603671220
0.6734	0.62364739	0.78170579	0.797803210	1.253441936	1.279253674	1.603470201
0.6735	0.62372555	0.78164342	0.797966872	1.253184856	1.279355748	1.603269249
0.6736	0.62380371	0.78158104	0.798130560	1.252927841	1.279457851	1.603068363
0.6737	0.62388187	0.78151866	0.798294275	1.252670891	1.279559983	1.602867543
0.6738	0.62396002	0.78145627	0.798458015	1.252414004	1.279662144	1.602666790
0.6739	0.62403816	0.78139387	0.798621782	1.252157183	1.279764334	1.602466103
0.6740	0.62411630	0.78133146	0.798785574	1.251900425	1.279866553	1.602265482
0.6741	0.62419443	0.78126904	0.798949393	1.251643732	1.279968802	1.602064927
0.6742	0.62427255	0.78120662	0.799113238	1.251387103	1.280071079	1.601864439
0.6743	0.62435067	0.78114419	0.799277110	1.251130538	1.280173386	1.601664017
0.6744	0.62442878	0.78108175	0.799441007	1.250874037	1.280275722	1.601463661
0.6745	0.62450689	0.78101930	0.799604931	1.250617600	1.280378087	1.601263371
0.6746	0.62458498	0.78095685	0.799768881	1.250361228	1.280480481	1.601063147
0.6747	0.62466308	0.78089439	0.799932857	1.250104920	1.280582905	1.600862989
0.6748	0.62474116	0.78083191	0.800096859	1.249848676	1.280685357	1.600662898
0.6749	0.62481924	0.78076944	0.800260888	1.249592495	1.280787839	1.600462872

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.6750	0.62489732	0.78070695	0.800424943	1.249336379	1.280890350	1.600262912
0.6751	0.62497538	0.78064446	0.800589024	1.249080327	1.280992890	1.600063019
0.6752	0.62505345	0.78058196	0.800753131	1.248824339	1.281095460	1.599863191
0.6753	0.62513150	0.78051945	0.800917265	1.248568415	1.281198059	1.599663429
0.6754	0.62520955	0.78045693	0.801081425	1.248312554	1.281300687	1.599463733
0.6755	0.62528759	0.78039440	0.801245611	1.248056758	1.281403344	1.599264103
0.6756	0.62536563	0.78033187	0.801409824	1.247801025	1.281506030	1.599064539
0.6757	0.62544366	0.78026933	0.801574063	1.247545356	1.281608746	1.598865040
0.6758	0.62552168	0.78020678	0.801738328	1.247289751	1.281711491	1.598665607
0.6759	0.62559970	0.78014423	0.801902620	1.247034210	1.281814266	1.598466240
0.6760	0.62567771	0.78008166	0.802066938	1.246778732	1.281917069	1.598266939
0.6761	0.62575572	0.78001909	0.802231282	1.246523319	1.282019902	1.598067703
0.6762	0.62583371	0.77995651	0.802395653	1.246267968	1.282122765	1.597868533
0.6763	0.62591171	0.77989393	0.802560050	1.246012682	1.282225656	1.597669429
0.6764	0.62598969	0.77983133	0.802724473	1.245757459	1.282328577	1.597470390
0.6765	0.62606767	0.77976873	0.802888923	1.245502299	1.282431528	1.597271416
0.6766	0.62614565	0.77970612	0.803053399	1.245247204	1.282534507	1.597072509
0.6767	0.62622361	0.77964350	0.803217902	1.244992171	1.282637516	1.596873666
0.6768	0.62630158	0.77958087	0.803382431	1.244737203	1.282740555	1.596674890
0.6769	0.62637953	0.77951824	0.803546987	1.244482297	1.282843623	1.596476178
0.6770	0.62645748	0.77945560	0.803711569	1.244227455	1.282946720	1.596277532
0.6771	0.62653542	0.77939295	0.803876177	1.243972677	1.283049846	1.596078952
0.6772	0.62661336	0.77933029	0.804040812	1.243717962	1.283153002	1.595880437
0.6773	0.62669129	0.77926762	0.804205474	1.243463310	1.283256188	1.595681987
0.6774	0.62676921	0.77920495	0.804370161	1.243208721	1.283359403	1.595483602
0.6775	0.62684713	0.77914227	0.804534876	1.242954196	1.283462647	1.595285283
0.6776	0.62692504	0.77907958	0.804699617	1.242699734	1.283565921	1.595087029
0.6777	0.62700295	0.77901688	0.804864384	1.242445336	1.283669224	1.594888840
0.6778	0.62708084	0.77895418	0.805029178	1.242191000	1.283772557	1.594690716
0.6779	0.62715874	0.77889147	0.805193999	1.241936728	1.283875919	1.594492658
0.6780	0.62723662	0.77882875	0.805358846	1.241682519	1.283979311	1.594294665
0.6781	0.62731450	0.77876602	0.805523719	1.241428373	1.284082732	1.594096736
0.6782	0.62739238	0.77870329	0.805688619	1.241174290	1.284186182	1.593898873
0.6783	0.62747024	0.77864054	0.805853546	1.240920270	1.284289663	1.593701075
0.6784	0.62754810	0.77857779	0.806018499	1.240666313	1.284393172	1.593503342
0.6785	0.62762596	0.77851503	0.806183479	1.240412420	1.284496712	1.593305674
0.6786	0.62770381	0.77845227	0.806348486	1.240158589	1.284600280	1.593108071
0.6787	0.62778165	0.77838949	0.806513519	1.239904821	1.284703879	1.592910533
0.6788	0.62785948	0.77832671	0.806678578	1.239651116	1.284807507	1.592713059
0.6789	0.62793731	0.77826392	0.806843665	1.239397474	1.284911164	1.592515651
0.6790	0.62801514	0.77820112	0.807008778	1.239143895	1.285014851	1.592318307
0.6791	0.62809295	0.77813832	0.807173917	1.238890378	1.285118568	1.592121029
0.6792	0.62817076	0.77807550	0.807339084	1.238636925	1.285222314	1.591923815
0.6793	0.62824857	0.77801268	0.807504277	1.238383534	1.285326090	1.591726665
0.6794	0.62832637	0.77794985	0.807669496	1.238130206	1.285429895	1.591529581
0.6795	0.62840416	0.77788702	0.807834743	1.237876941	1.285533730	1.591332561
0.6796	0.62848194	0.77782417	0.808000016	1.237623738	1.285637595	1.591135606
0.6797	0.62855972	0.77776132	0.808165316	1.237370598	1.285741489	1.590938716
0.6798	0.62863750	0.77769846	0.808330642	1.237117521	1.285845413	1.590741890
0.6799	0.62871526	0.77763559	0.808495995	1.236864506	1.285949367	1.590545129

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.6800	0.62879302	0.77757272	0.808661375	1.236611554	1.286053350	1.590348432
0.6801	0.62887078	0.77750984	0.808826782	1.236358665	1.286157363	1.590151800
0.6802	0.62894853	0.77744694	0.808992215	1.236105838	1.286261406	1.589955233
0.6803	0.62902627	0.77738405	0.809157676	1.235853073	1.286365478	1.589758730
0.6804	0.62910400	0.77732114	0.809323163	1.235600371	1.286469580	1.589562291
0.6805	0.62918173	0.77725823	0.809488676	1.235347732	1.286573712	1.589365917
0.6806	0.62925945	0.77719530	0.809654217	1.235095154	1.286677874	1.589169607
0.6807	0.62933717	0.77713237	0.809819784	1.234842640	1.286782065	1.588973362
0.6808	0.62941488	0.77706944	0.809985379	1.234590187	1.286886286	1.588777181
0.6809	0.62949258	0.77700649	0.810151000	1.234337797	1.286990537	1.588581064
0.6810	0.62957028	0.77694354	0.810316647	1.234085469	1.287094817	1.588385012
0.6811	0.62964797	0.77688058	0.810482322	1.233833204	1.287199128	1.588189023
0.6812	0.62972566	0.77681761	0.810648024	1.233581000	1.287303468	1.587993100
0.6813	0.62980334	0.77675463	0.810813752	1.233328859	1.287407838	1.587797240
0.6814	0.62988101	0.77669165	0.810979508	1.233076780	1.287512238	1.587601444
0.6815	0.62995868	0.77662865	0.811145290	1.232824763	1.287616667	1.587405713
0.6816	0.63003633	0.77656566	0.811311099	1.232572809	1.287721126	1.587210046
0.6817	0.63011399	0.77650265	0.811476935	1.232320916	1.287825616	1.587014442
0.6818	0.63019164	0.77643963	0.811642798	1.232069086	1.287930135	1.586818903
0.6819	0.63026928	0.77637661	0.811808688	1.231817317	1.288034683	1.586623428
0.6820	0.63034691	0.77631358	0.811974605	1.231565611	1.288139262	1.586428017
0.6821	0.63042454	0.77625054	0.812140548	1.231313967	1.288243871	1.586232670
0.6822	0.63050216	0.77618749	0.812306519	1.231062384	1.288348509	1.586037387
0.6823	0.63057978	0.77612444	0.812472517	1.230810864	1.288453177	1.585842168
0.6824	0.63065739	0.77606138	0.812638541	1.230559405	1.288557876	1.585647013
0.6825	0.63073499	0.77599831	0.812804593	1.230308008	1.288662604	1.585451922
0.6826	0.63081259	0.77593523	0.812970672	1.230056674	1.288767362	1.585256894
0.6827	0.63089018	0.77587215	0.813136777	1.229805401	1.288872150	1.585061930
0.6828	0.63096776	0.77580905	0.813302910	1.229554189	1.288976968	1.584867030
0.6829	0.63104534	0.77574595	0.813469070	1.229303040	1.289081816	1.584672194
0.6830	0.63112291	0.77568284	0.813635256	1.229051952	1.289186693	1.584477422
0.6831	0.63120047	0.77561973	0.813801470	1.228800926	1.289291601	1.584282713
0.6832	0.63127803	0.77555660	0.813967711	1.228549962	1.289396539	1.584088068
0.6833	0.63135559	0.77549347	0.814133979	1.228299059	1.289501507	1.583893487
0.6834	0.63143313	0.77543033	0.814300274	1.228048218	1.289606504	1.583698969
0.6835	0.63151067	0.77536719	0.814466596	1.227797439	1.289711532	1.583504515
0.6836	0.63158821	0.77530403	0.814632945	1.227546721	1.289816590	1.583310125
0.6837	0.63166573	0.77524087	0.814799321	1.227296064	1.289921677	1.583115798
0.6838	0.63174325	0.77517770	0.814965724	1.227045470	1.290026795	1.582921534
0.6839	0.63182077	0.77511452	0.815132155	1.226794936	1.290131943	1.582727335
0.6840	0.63189828	0.77505133	0.815298613	1.226544464	1.290237121	1.582533198
0.6841	0.63197578	0.77498814	0.815465097	1.226294054	1.290342329	1.582339125
0.6842	0.63205327	0.77492494	0.815631609	1.226043705	1.290447567	1.582145115
0.6843	0.63213076	0.77486173	0.815798148	1.225793417	1.290552835	1.581951169
0.6844	0.63220825	0.77479851	0.815964715	1.225543191	1.290658133	1.581757286
0.6845	0.63228572	0.77473529	0.816131308	1.225293026	1.290763461	1.581563467
0.6846	0.63236319	0.77467205	0.816297929	1.225042922	1.290868819	1.581369711
0.6847	0.63244066	0.77460881	0.816464576	1.224792880	1.290974208	1.581176018
0.6848	0.63251812	0.77454557	0.816631251	1.224542899	1.291079626	1.580982388
0.6849	0.63259557	0.77448231	0.816797954	1.224292979	1.291185075	1.580788822

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.6850	0.63267301	0.77441905	0.816964683	1.224043120	1.291290554	1.580595318
0.6851	0.63275045	0.77435578	0.817131440	1.223793323	1.291396063	1.580401878
0.6852	0.63282788	0.77429250	0.817298224	1.223543586	1.291501602	1.580208501
0.6853	0.63290531	0.77422921	0.817465035	1.223293911	1.291607171	1.580015187
0.6854	0.63298273	0.77416592	0.817631874	1.223044297	1.291712770	1.579821937
0.6855	0.63306014	0.77410261	0.817798740	1.222794743	1.291818400	1.579628749
0.6856	0.63313755	0.77403930	0.817965633	1.222545251	1.291924060	1.579435624
0.6857	0.63321495	0.77397599	0.818132553	1.222295820	1.292029750	1.579242563
0.6858	0.63329234	0.77391266	0.818299501	1.222046450	1.292135470	1.579049564
0.6859	0.63336973	0.77384933	0.818466476	1.221797140	1.292241221	1.578856628
0.6860	0.63344711	0.77378599	0.818633478	1.221547892	1.292347001	1.578663755
0.6861	0.63352449	0.77372264	0.818800508	1.221298705	1.292452812	1.578470946
0.6862	0.63360186	0.77365928	0.818967565	1.221049578	1.292558654	1.578278199
0.6863	0.63367922	0.77359592	0.819134650	1.220800512	1.292664525	1.578085514
0.6864	0.63375658	0.77353255	0.819301762	1.220551507	1.292770427	1.577892893
0.6865	0.63383393	0.77346917	0.819468901	1.220302563	1.292876359	1.577700334
0.6866	0.63391127	0.77340578	0.819636067	1.220053680	1.292982321	1.577507839
0.6867	0.63398861	0.77334238	0.819803262	1.219804857	1.293088314	1.577315406
0.6868	0.63406594	0.77327898	0.819970483	1.219556095	1.293194337	1.577123035
0.6869	0.63414326	0.77321557	0.820137732	1.219307393	1.293300390	1.576930728
0.6870	0.63422058	0.77315215	0.820305008	1.219058753	1.293406474	1.576738483
0.6871	0.63429790	0.77308873	0.820472312	1.218810172	1.293512588	1.576546300
0.6872	0.63437520	0.77302529	0.820639643	1.218561653	1.293618732	1.576354180
0.6873	0.63445250	0.77296185	0.820807002	1.218313194	1.293724907	1.576162123
0.6874	0.63452979	0.77289840	0.820974388	1.218064796	1.293831112	1.575970129
0.6875	0.63460708	0.77283495	0.821141802	1.217816458	1.293937347	1.575778196
0.6876	0.63468436	0.77277148	0.821309243	1.217568180	1.294043613	1.575586327
0.6877	0.63476163	0.77270801	0.821476711	1.217319963	1.294149909	1.575394520
0.6878	0.63483890	0.77264453	0.821644208	1.217071807	1.294256236	1.575202775
0.6879	0.63491616	0.77258104	0.821811731	1.216823710	1.294362593	1.575011093
0.6880	0.63499342	0.77251755	0.821979282	1.216575675	1.294468980	1.574819473
0.6881	0.63507067	0.77245404	0.822146861	1.216327699	1.294575398	1.574627915
0.6882	0.63514791	0.77239053	0.822314468	1.216079784	1.294681846	1.574436420
0.6883	0.63522514	0.77232701	0.822482101	1.215831929	1.294788325	1.574244987
0.6884	0.63530237	0.77226349	0.822649763	1.215584134	1.294894834	1.574053617
0.6885	0.63537960	0.77219995	0.822817452	1.215336400	1.295001374	1.573862308
0.6886	0.63545681	0.77213641	0.822985169	1.215088726	1.295107944	1.573671062
0.6887	0.63553402	0.77207286	0.823152913	1.214841112	1.295214545	1.573479878
0.6888	0.63561123	0.77200930	0.823320685	1.214593558	1.295321176	1.573288757
0.6889	0.63568843	0.77194574	0.823488484	1.214346064	1.295427838	1.573097697
0.6890	0.63576562	0.77188217	0.823656311	1.214098631	1.295534530	1.572906700
0.6891	0.63584280	0.77181859	0.823824166	1.213851257	1.295641253	1.572715764
0.6892	0.63591998	0.77175500	0.823992049	1.213603944	1.295748006	1.572524891
0.6893	0.63599715	0.77169140	0.824159959	1.213356690	1.295854790	1.572334080
0.6894	0.63607432	0.77162780	0.824327897	1.213109497	1.295961605	1.572143331
0.6895	0.63615148	0.77156419	0.824495862	1.212862364	1.296068450	1.571952643
0.6896	0.63622863	0.77150057	0.824663855	1.212615290	1.296175325	1.571762018
0.6897	0.63630578	0.77143694	0.824831876	1.212368276	1.296282232	1.571571455
0.6898	0.63638292	0.77137331	0.824999925	1.212121323	1.296389168	1.571380953
0.6899	0.63646005	0.77130966	0.825168001	1.211874429	1.296496136	1.571190514

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.6900	0.63653718	0.77124601	0.825336105	1.211627595	1.296603134	1.571000136
0.6901	0.63661430	0.77118236	0.825504237	1.211380820	1.296710162	1.570809820
0.6902	0.63669142	0.77111869	0.825672397	1.211134106	1.296817222	1.570619566
0.6903	0.63676853	0.77105502	0.825840584	1.210887451	1.296924312	1.570429374
0.6904	0.63684563	0.77099134	0.826008799	1.210640856	1.297031432	1.570239244
0.6905	0.63692273	0.77092765	0.826177042	1.210394321	1.297138584	1.570049175
0.6906	0.63699982	0.77086395	0.826345313	1.210147845	1.297245766	1.569859168
0.6907	0.63707690	0.77080025	0.826513612	1.209901429	1.297352978	1.569669223
0.6908	0.63715398	0.77073654	0.826681938	1.209655073	1.297460222	1.569479339
0.6909	0.63723105	0.77067282	0.826850292	1.209408776	1.297567496	1.569289517
0.6910	0.63730811	0.77060909	0.827018674	1.209162539	1.297674800	1.569099757
0.6911	0.63738517	0.77054536	0.827187084	1.208916361	1.297782136	1.568910058
0.6912	0.63746222	0.77048162	0.827355522	1.208670243	1.297889502	1.568720420
0.6913	0.63753926	0.77041787	0.827523988	1.208424185	1.297996899	1.568530845
0.6914	0.63761630	0.77035411	0.827692481	1.208178186	1.298104327	1.568341330
0.6915	0.63769333	0.77029034	0.827861003	1.207932246	1.298211785	1.568151877
0.6916	0.63777036	0.77022657	0.828029552	1.207686365	1.298319275	1.567962486
0.6917	0.63784738	0.77016279	0.828198129	1.207440545	1.298426795	1.567773156
0.6918	0.63792439	0.77009900	0.828366734	1.207194783	1.298534346	1.567583887
0.6919	0.63800140	0.77003520	0.828535367	1.206949081	1.298641927	1.567394680
0.6920	0.63807840	0.76997140	0.828704028	1.206703438	1.298749540	1.567205534
0.6921	0.63815539	0.76990759	0.828872717	1.206457854	1.298857183	1.567016450
0.6922	0.63823238	0.76984377	0.829041434	1.206212330	1.298964857	1.566827426
0.6923	0.63830936	0.76977994	0.829210179	1.205966864	1.299072562	1.566638464
0.6924	0.63838634	0.76971611	0.829378952	1.205721458	1.299180298	1.566449564
0.6925	0.63846331	0.76965226	0.829547753	1.205476112	1.299288065	1.566260724
0.6926	0.63854027	0.76958841	0.829716582	1.205230824	1.299395862	1.566071946
0.6927	0.63861722	0.76952456	0.829885439	1.204985595	1.299503691	1.565883228
0.6928	0.63869417	0.76946069	0.830054324	1.204740426	1.299611550	1.565694572
0.6929	0.63877112	0.76939682	0.830223237	1.204495315	1.299719440	1.565505977
0.6930	0.63884805	0.76933294	0.830392178	1.204250264	1.299827362	1.565317443
0.6931	0.63892498	0.76926905	0.830561148	1.204005272	1.299935314	1.565128970
0.6932	0.63900191	0.76920515	0.830730145	1.203760338	1.300043297	1.564940559
0.6933	0.63907882	0.76914125	0.830899170	1.203515464	1.300151311	1.564752208
0.6934	0.63915573	0.76907733	0.831068223	1.203270648	1.300259356	1.564563918
0.6935	0.63923264	0.76901342	0.831237305	1.203025892	1.300367432	1.564375689
0.6936	0.63930954	0.76894949	0.831406415	1.202781194	1.300475538	1.564187521
0.6937	0.63938643	0.76888555	0.831575552	1.202536555	1.300583676	1.563999414
0.6938	0.63946331	0.76882161	0.831744718	1.202291975	1.300691845	1.563811368
0.6939	0.63954019	0.76875766	0.831913912	1.202047454	1.300800045	1.563623382
0.6940	0.63961707	0.76869370	0.832083134	1.201802992	1.300908276	1.563435458
0.6941	0.63969393	0.76862974	0.832252385	1.201558588	1.301016538	1.563247594
0.6942	0.63977079	0.76856576	0.832421663	1.201314243	1.301124831	1.563059791
0.6943	0.63984765	0.76850178	0.832590970	1.201069957	1.301233155	1.562872049
0.6944	0.63992449	0.76843779	0.832760305	1.200825729	1.301341510	1.562684367
0.6945	0.64000133	0.76837380	0.832929668	1.200581560	1.301449896	1.562496746
0.6946	0.64007817	0.76830979	0.833099059	1.200337450	1.301558313	1.562309186
0.6947	0.64015499	0.76824578	0.833268479	1.200093398	1.301666761	1.562121687
0.6948	0.64023182	0.76818176	0.833437926	1.199849405	1.301775241	1.561934248
0.6949	0.64030863	0.76811774	0.833607402	1.199605470	1.301883751	1.561746870

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.6950	0.64038544	0.76805370	0.833776907	1.199361594	1.301992293	1.561559552
0.6951	0.64046224	0.76798966	0.833946439	1.199117777	1.302100865	1.561372295
0.6952	0.64053904	0.76792561	0.834116000	1.198874018	1.302209469	1.561185098
0.6953	0.64061583	0.76786155	0.834285589	1.198630317	1.302318104	1.560997962
0.6954	0.64069261	0.76779749	0.834455206	1.198386675	1.302426770	1.560810886
0.6955	0.64076939	0.76773341	0.834624852	1.198143091	1.302535467	1.560623871
0.6956	0.64084616	0.76766933	0.834794526	1.197899565	1.302644196	1.560436916
0.6957	0.64092292	0.76760524	0.834964228	1.197656098	1.302752955	1.560250022
0.6958	0.64099968	0.76754115	0.835133959	1.197412689	1.302861746	1.560063187
0.6959	0.64107643	0.76747704	0.835303718	1.197169339	1.302970568	1.559876414
0.6960	0.64115317	0.76741293	0.835473506	1.196926046	1.303079421	1.559689700
0.6961	0.64122991	0.76734881	0.835643321	1.196682812	1.303188306	1.559503047
0.6962	0.64130664	0.76728469	0.835813166	1.196439637	1.303297222	1.559316454
0.6963	0.64138337	0.76722055	0.835983038	1.196196519	1.303406168	1.559129921
0.6964	0.64146009	0.76715641	0.836152939	1.195953459	1.303515147	1.558943449
0.6965	0.64153680	0.76709226	0.836322868	1.195710458	1.303624156	1.558757037
0.6966	0.64161351	0.76702810	0.836492826	1.195467515	1.303733197	1.558570684
0.6967	0.64169020	0.76696394	0.836662813	1.195224629	1.303842269	1.558384392
0.6968	0.64176690	0.76689976	0.836832827	1.194981802	1.303951372	1.558198161
0.6969	0.64184358	0.76683558	0.837002870	1.194739033	1.304060507	1.558011989
0.6970	0.64192027	0.76677140	0.837172942	1.194496322	1.304169673	1.557825877
0.6971	0.64199694	0.76670720	0.837343042	1.194253669	1.304278870	1.557639825
0.6972	0.64207361	0.76664300	0.837513171	1.194011074	1.304388098	1.557453834
0.6973	0.64215027	0.76657879	0.837683328	1.193768536	1.304497358	1.557267902
0.6974	0.64222692	0.76651457	0.837853513	1.193526057	1.304606649	1.557082030
0.6975	0.64230357	0.76645034	0.838023727	1.193283635	1.304715972	1.556896218
0.6976	0.64238021	0.76638611	0.838193970	1.193041272	1.304825326	1.556710466
0.6977	0.64245685	0.76632186	0.838364241	1.192798966	1.304934711	1.556524774
0.6978	0.64253348	0.76625761	0.838534541	1.192556718	1.305044128	1.556339142
0.6979	0.64261010	0.76619336	0.838704869	1.192314528	1.305153576	1.556153570
0.6980	0.64268672	0.76612909	0.838875226	1.192072395	1.305263056	1.555968057
0.6981	0.64276333	0.76606482	0.839045612	1.191830320	1.305372567	1.555782604
0.6982	0.64283993	0.76600054	0.839216026	1.191588303	1.305482109	1.555597211
0.6983	0.64291653	0.76593625	0.839386468	1.191346344	1.305591683	1.555411878
0.6984	0.64299312	0.76587196	0.839556940	1.191104442	1.305701289	1.555226605
0.6985	0.64306970	0.76580765	0.839727440	1.190862598	1.305810925	1.555041391
0.6986	0.64314628	0.76574334	0.839897968	1.190620811	1.305920594	1.554856236
0.6987	0.64322285	0.76567902	0.840068525	1.190379082	1.306030293	1.554671142
0.6988	0.64329941	0.76561470	0.840239111	1.190137411	1.306140025	1.554486107
0.6989	0.64337597	0.76555036	0.840409726	1.189895797	1.306249787	1.554301131
0.6990	0.64345252	0.76548602	0.840580369	1.189654240	1.306359582	1.554116215
0.6991	0.64352907	0.76542167	0.840751041	1.189412741	1.306469407	1.553931359
0.6992	0.64360561	0.76535732	0.840921741	1.189171300	1.306579265	1.553746562
0.6993	0.64368214	0.76529295	0.841092471	1.188929916	1.306689154	1.553561825
0.6994	0.64375867	0.76522858	0.841263229	1.188688589	1.306799074	1.553377147
0.6995	0.64383519	0.76516420	0.841434015	1.188447319	1.306909026	1.553192529
0.6996	0.64391170	0.76509981	0.841604831	1.188206107	1.307019010	1.553007970
0.6997	0.64398821	0.76503542	0.841775675	1.187964953	1.307129025	1.552823470
0.6998	0.64406471	0.76497102	0.841946548	1.187723855	1.307239071	1.552639030
0.6999	0.64414120	0.76490661	0.842117450	1.187482815	1.307349150	1.552454649

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.7000	0.64421769	0.76484219	0.842288380	1.187241832	1.307459260	1.552270327
0.7001	0.64429417	0.76477776	0.842459340	1.187000906	1.307569401	1.552086065
0.7002	0.64437064	0.76471333	0.842630328	1.186760038	1.307679575	1.551901861
0.7003	0.64444711	0.76464889	0.842801345	1.186519227	1.307789779	1.551717718
0.7004	0.64452357	0.76458444	0.842972391	1.186278472	1.307900016	1.551533633
0.7005	0.64460003	0.76451998	0.843143466	1.186037775	1.308010284	1.551349607
0.7006	0.64467648	0.76445552	0.843314569	1.185797135	1.308120584	1.551165641
0.7007	0.64475292	0.76439105	0.843485701	1.185556552	1.308230916	1.550981734
0.7008	0.64482935	0.76432657	0.843656863	1.185316026	1.308341279	1.550797886
0.7009	0.64490578	0.76426208	0.843828053	1.185075557	1.308451674	1.550614097
0.7010	0.64498221	0.76419759	0.843999272	1.184835145	1.308562100	1.550430367
0.7011	0.64505862	0.76413309	0.844170520	1.184594791	1.308672559	1.550246696
0.7012	0.64513503	0.76406858	0.844341797	1.184354493	1.308783049	1.550063084
0.7013	0.64521144	0.76400406	0.844513102	1.184114251	1.308893571	1.549879531
0.7014	0.64528783	0.76393953	0.844684437	1.183874067	1.309004125	1.549696037
0.7015	0.64536423	0.76387500	0.844855801	1.183633940	1.309114710	1.549512602
0.7016	0.64544061	0.76381046	0.845027193	1.183393869	1.309225327	1.549329226
0.7017	0.64551699	0.76374591	0.845198615	1.183153856	1.309335976	1.549145909
0.7018	0.64559336	0.76368136	0.845370065	1.182913899	1.309446657	1.548962650
0.7019	0.64566972	0.76361679	0.845541545	1.182673999	1.309557370	1.548779451
0.7020	0.64574608	0.76355222	0.845713054	1.182434155	1.309668114	1.548596310
0.7021	0.64582243	0.76348764	0.845884591	1.182194368	1.309778890	1.548413228
0.7022	0.64589878	0.76342306	0.846056158	1.181954638	1.309889698	1.548230205
0.7023	0.64597512	0.76335846	0.846227753	1.181714965	1.310000538	1.548047240
0.7024	0.64605145	0.76329386	0.846399378	1.181475348	1.310111410	1.547864335
0.7025	0.64612778	0.76322925	0.846571032	1.181235788	1.310222314	1.547681488
0.7026	0.64620410	0.76316464	0.846742715	1.180996285	1.310333249	1.547498699
0.7027	0.64628041	0.76310001	0.846914426	1.180756838	1.310444217	1.547315970
0.7028	0.64635672	0.76303538	0.847086167	1.180517447	1.310555216	1.547133299
0.7029	0.64643302	0.76297074	0.847257937	1.180278114	1.310666248	1.546950686
0.7030	0.64650931	0.76290610	0.847429737	1.180038836	1.310777311	1.546768132
0.7031	0.64658560	0.76284144	0.847601565	1.179799615	1.310888406	1.546585637
0.7032	0.64666188	0.76277678	0.847773422	1.179560451	1.310999533	1.546403200
0.7033	0.64673815	0.76271211	0.847945309	1.179321343	1.311110692	1.546220822
0.7034	0.64681442	0.76264743	0.848117224	1.179082291	1.311221883	1.546038502
0.7035	0.64689068	0.76258275	0.848289169	1.178843296	1.311333106	1.545856240
0.7036	0.64696694	0.76251805	0.848461143	1.178604357	1.311444361	1.545674037
0.7037	0.64704319	0.76245335	0.848633147	1.178365474	1.311555648	1.545491893
0.7038	0.64711943	0.76238864	0.848805179	1.178126648	1.311666967	1.545309806
0.7039	0.64719566	0.76232393	0.848977241	1.177887877	1.311778318	1.545127778
0.7040	0.64727189	0.76225920	0.849149332	1.177649164	1.311889701	1.544945809
0.7041	0.64734812	0.76219447	0.849321452	1.177410506	1.312001116	1.544763898
0.7042	0.64742433	0.76212974	0.849493601	1.177171904	1.312112563	1.544582045
0.7043	0.64750054	0.76206499	0.849665779	1.176933359	1.312224042	1.544400250
0.7044	0.64757675	0.76200023	0.849837987	1.176694870	1.312335553	1.544218513
0.7045	0.64765294	0.76193547	0.850010224	1.176456437	1.312447097	1.544036835
0.7046	0.64772913	0.76187070	0.850182491	1.176218060	1.312558672	1.543855215
0.7047	0.64780532	0.76180593	0.850354786	1.175979739	1.312670280	1.543673653
0.7048	0.64788149	0.76174114	0.850527111	1.175741474	1.312781919	1.543492149
0.7049	0.64795767	0.76167635	0.850699466	1.175503266	1.312893591	1.543310703

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.7050	0.64803383	0.76161155	0.850871849	1.175265113	1.313005295	1.543129316
0.7051	0.64810999	0.76154674	0.851044262	1.175027016	1.313117031	1.542947986
0.7052	0.64818614	0.76148193	0.851216705	1.174788975	1.313228799	1.542766715
0.7053	0.64826228	0.76141711	0.851389176	1.174550990	1.313340599	1.542585501
0.7054	0.64833842	0.76135228	0.851561677	1.174313061	1.313452432	1.542404346
0.7055	0.64841455	0.76128744	0.851734208	1.174075188	1.313564296	1.542223248
0.7056	0.64849068	0.76122259	0.851906768	1.173837371	1.313676193	1.542042208
0.7057	0.64856680	0.76115774	0.852079357	1.173599609	1.313788122	1.541861227
0.7058	0.64864291	0.76109288	0.852251975	1.173361903	1.313900084	1.541680303
0.7059	0.64871902	0.76102801	0.852424623	1.173124253	1.314012077	1.541499437
0.7060	0.64879512	0.76096314	0.852597301	1.172886659	1.314124103	1.541318629
0.7061	0.64887121	0.76089825	0.852770008	1.172649121	1.314236161	1.541137878
0.7062	0.64894730	0.76083336	0.852942744	1.172411638	1.314348251	1.540957186
0.7063	0.64902338	0.76076846	0.853115510	1.172174211	1.314460374	1.540776551
0.7064	0.64909945	0.76070356	0.853288306	1.171936840	1.314572528	1.540595974
0.7065	0.64917552	0.76063864	0.853461130	1.171699524	1.314684715	1.540415455
0.7066	0.64925158	0.76057372	0.853633985	1.171462264	1.314796935	1.540234993
0.7067	0.64932763	0.76050879	0.853806869	1.171225059	1.314909187	1.540054590
0.7068	0.64940368	0.76044386	0.853979782	1.170987910	1.315021471	1.539874243
0.7069	0.64947972	0.76037891	0.854152725	1.170750816	1.315133787	1.539693955
0.7070	0.64955576	0.76031396	0.854325697	1.170513778	1.315246136	1.539513724
0.7071	0.64963178	0.76024900	0.854498699	1.170276796	1.315358517	1.539333550
0.7072	0.64970781	0.76018404	0.854671731	1.170039869	1.315470930	1.539153434
0.7073	0.64978382	0.76011906	0.854844792	1.169802997	1.315583376	1.538973376
0.7074	0.64985983	0.76005408	0.855017883	1.169566181	1.315695854	1.538793375
0.7075	0.64993583	0.75998909	0.855191003	1.169329420	1.315808364	1.538613432
0.7076	0.65001183	0.75992409	0.855364153	1.169092715	1.315920907	1.538433546
0.7077	0.65008782	0.75985909	0.855537333	1.168856065	1.316033483	1.538253718
0.7078	0.65016380	0.75979407	0.855710542	1.168619470	1.316146091	1.538073947
0.7079	0.65023977	0.75972905	0.855883781	1.168382930	1.316258731	1.537894233
0.7080	0.65031574	0.75966403	0.856057049	1.168146446	1.316371403	1.537714577
0.7081	0.65039171	0.75959899	0.856230348	1.167910017	1.316484109	1.537534978
0.7082	0.65046766	0.75953395	0.856403676	1.167673643	1.316596846	1.537355436
0.7083	0.65054361	0.75946890	0.856577033	1.167437325	1.316709616	1.537175952
0.7084	0.65061956	0.75940384	0.856750420	1.167201061	1.316822419	1.536996525
0.7085	0.65069550	0.75933877	0.856923837	1.166964853	1.316935254	1.536817155
0.7086	0.65077143	0.75927370	0.857097284	1.166728700	1.317048122	1.536637843
0.7087	0.65084735	0.75920862	0.857270761	1.166492602	1.317161022	1.536458587
0.7088	0.65092327	0.75914353	0.857444267	1.166256559	1.317273954	1.536279389
0.7089	0.65099918	0.75907843	0.857617803	1.166020571	1.317386919	1.536100248
0.7090	0.65107508	0.75901333	0.857791368	1.165784638	1.317499917	1.535921164
0.7091	0.65115098	0.75894822	0.857964964	1.165548760	1.317612947	1.535742137
0.7092	0.65122687	0.75888310	0.858138589	1.165312937	1.317726010	1.535563168
0.7093	0.65130276	0.75881797	0.858312244	1.165077169	1.317839106	1.535384255
0.7094	0.65137864	0.75875284	0.858485929	1.164841456	1.317952234	1.535205399
0.7095	0.65145451	0.75868770	0.858659644	1.164605798	1.318065394	1.535026601
0.7096	0.65153037	0.75862255	0.858833388	1.164370195	1.318178588	1.534847859
0.7097	0.65160623	0.75855739	0.859007163	1.164134647	1.318291814	1.534669175
0.7098	0.65168209	0.75849223	0.859180967	1.163899153	1.318405072	1.534490547
0.7099	0.65175793	0.75842706	0.859354801	1.163663714	1.318518363	1.534311976

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.7100	0.65183377	0.75836188	0.859528665	1.163428331	1.318631687	1.534133462
0.7101	0.65190960	0.75829669	0.859702559	1.163193001	1.318745044	1.533955005
0.7102	0.65198543	0.75823149	0.859876483	1.162957727	1.318858433	1.533776605
0.7103	0.65206125	0.75816629	0.860050437	1.162722507	1.318971855	1.533598262
0.7104	0.65213706	0.75810108	0.860224420	1.162487342	1.319085309	1.533419975
0.7105	0.65221287	0.75803586	0.860398434	1.162252232	1.319198797	1.533241746
0.7106	0.65228867	0.75797064	0.860572477	1.162017176	1.319312317	1.533063573
0.7107	0.65236446	0.75790541	0.860746551	1.161782175	1.319425869	1.532885456
0.7108	0.65244025	0.75784017	0.860920654	1.161547229	1.319539455	1.532707397
0.7109	0.65251603	0.75777492	0.861094788	1.161312337	1.319653073	1.532529394
0.7110	0.65259181	0.75770966	0.861268951	1.161077499	1.319766724	1.532351448
0.7111	0.65266757	0.75764440	0.861443145	1.160842716	1.319880408	1.532173558
0.7112	0.65274334	0.75757913	0.861617368	1.160607988	1.319994125	1.531995725
0.7113	0.65281909	0.75751385	0.861791621	1.160373314	1.320107874	1.531817949
0.7114	0.65289484	0.75744857	0.861965905	1.160138695	1.320221656	1.531640229
0.7115	0.65297058	0.75738327	0.862140219	1.159904130	1.320335471	1.531462566
0.7116	0.65304632	0.75731797	0.862314562	1.159669619	1.320449319	1.531284959
0.7117	0.65312204	0.75725266	0.862488936	1.159435163	1.320563200	1.531107409
0.7118	0.65319777	0.75718735	0.862663340	1.159200761	1.320677113	1.530929915
0.7119	0.65327348	0.75712202	0.862837773	1.158966414	1.320791060	1.530752478
0.7120	0.65334919	0.75705669	0.863012237	1.158732121	1.320905039	1.530575097
0.7121	0.65342489	0.75699135	0.863186731	1.158497882	1.321019051	1.530397773
0.7122	0.65350059	0.75692601	0.863361256	1.158263697	1.321133096	1.530220504
0.7123	0.65357628	0.75686065	0.863535810	1.158029567	1.321247174	1.530043293
0.7124	0.65365196	0.75679529	0.863710394	1.157795491	1.321361285	1.529866137
0.7125	0.65372764	0.75672992	0.863885009	1.157561469	1.321475429	1.529689038
0.7126	0.65380331	0.75666455	0.864059654	1.157327501	1.321589606	1.529511996
0.7127	0.65387897	0.75659916	0.864234329	1.157093587	1.321703815	1.529335009
0.7128	0.65395463	0.75653377	0.864409034	1.156859728	1.321818058	1.529158079
0.7129	0.65403028	0.75646837	0.864583770	1.156625922	1.321932334	1.528981205
0.7130	0.65410592	0.75640296	0.864758535	1.156392171	1.322046642	1.528804387
0.7131	0.65418156	0.75633755	0.864933331	1.156158474	1.322160984	1.528627625
0.7132	0.65425719	0.75627213	0.865108157	1.155924831	1.322275358	1.528450920
0.7133	0.65433281	0.75620670	0.865283013	1.155691241	1.322389766	1.528274270
0.7134	0.65440843	0.75614126	0.865457900	1.155457706	1.322504207	1.528097677
0.7135	0.65448404	0.75607582	0.865632817	1.155224225	1.322618680	1.527921140
0.7136	0.65455964	0.75601037	0.865807764	1.154990798	1.322733187	1.527744659
0.7137	0.65463524	0.75594491	0.865982742	1.154757424	1.322847727	1.527568234
0.7138	0.65471083	0.75587944	0.866157749	1.154524105	1.322962300	1.527391865
0.7139	0.65478642	0.75581396	0.866332787	1.154290839	1.323076906	1.527215552
0.7140	0.65486200	0.75574848	0.866507856	1.154057627	1.323191545	1.527039294
0.7141	0.65493757	0.75568299	0.866682955	1.153824469	1.323306217	1.526863093
0.7142	0.65501313	0.75561749	0.866858084	1.153591365	1.323420922	1.526686948
0.7143	0.65508869	0.75555199	0.867033243	1.153358315	1.323535661	1.526510859
0.7144	0.65516424	0.75548648	0.867208433	1.153125318	1.323650432	1.526334825
0.7145	0.65523979	0.75542096	0.867383653	1.152892375	1.323765237	1.526158848
0.7146	0.65531533	0.75535543	0.867558904	1.152659486	1.323880075	1.525982926
0.7147	0.65539086	0.75528989	0.867734185	1.152426650	1.323994946	1.525807060
0.7148	0.65546638	0.75522435	0.867909496	1.152193868	1.324109850	1.525631250
0.7149	0.65554190	0.75515880	0.868084838	1.151961140	1.324224787	1.525455495

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.7150	0.65561742	0.75509324	0.868260211	1.151728465	1.324339758	1.525279797
0.7151	0.65569292	0.75502768	0.868435613	1.151495844	1.324454761	1.525104154
0.7152	0.65576842	0.75496210	0.868611047	1.151263277	1.324569798	1.524928566
0.7153	0.65584392	0.75489652	0.868786511	1.151030763	1.324684869	1.524753035
0.7154	0.65591940	0.75483093	0.868962005	1.150798302	1.324799972	1.524577559
0.7155	0.65599488	0.75476534	0.869137530	1.150565896	1.324915109	1.524402139
0.7156	0.65607035	0.75469973	0.869313085	1.150333542	1.325030279	1.524226774
0.7157	0.65614582	0.75463412	0.869488671	1.150101242	1.325145482	1.524051465
0.7158	0.65622128	0.75456851	0.869664287	1.149868996	1.325260718	1.523876211
0.7159	0.65629673	0.75450288	0.869839934	1.149636802	1.325375988	1.523701013
0.7160	0.65637218	0.75443725	0.870015611	1.149404663	1.325491291	1.523525871
0.7161	0.65644762	0.75437161	0.870191319	1.149172576	1.325606628	1.523350784
0.7162	0.65652306	0.75430596	0.870367058	1.148940543	1.325721998	1.523175752
0.7163	0.65659848	0.75424030	0.870542827	1.148708563	1.325837401	1.523000776
0.7164	0.65667390	0.75417464	0.870718627	1.148476637	1.325952837	1.522825855
0.7165	0.65674932	0.75410897	0.870894457	1.148244764	1.326068307	1.522650990
0.7166	0.65682473	0.75404329	0.871070318	1.148012944	1.326183811	1.522476180
0.7167	0.65690013	0.75397760	0.871246210	1.147781177	1.326299347	1.522301425
0.7168	0.65697552	0.75391191	0.871422132	1.147549463	1.326414917	1.522126726
0.7169	0.65705091	0.75384621	0.871598085	1.147317803	1.326530521	1.521952082
0.7170	0.65712629	0.75378050	0.871774069	1.147086196	1.326646157	1.521777494
0.7171	0.65720167	0.75371478	0.871950083	1.146854641	1.326761828	1.521602960
0.7172	0.65727703	0.75364906	0.872126128	1.146623140	1.326877531	1.521428482
0.7173	0.65735240	0.75358333	0.872302204	1.146391693	1.326993269	1.521254059
0.7174	0.65742775	0.75351759	0.872478310	1.146160298	1.327109039	1.521079691
0.7175	0.65750310	0.75345184	0.872654448	1.145928956	1.327224843	1.520905379
0.7176	0.65757844	0.75338609	0.872830616	1.145697667	1.327340681	1.520731122
0.7177	0.65765378	0.75332032	0.873006814	1.145466431	1.327456552	1.520556919
0.7178	0.65772910	0.75325455	0.873183044	1.145235248	1.327572457	1.520382772
0.7179	0.65780443	0.75318878	0.873359304	1.145004118	1.327688395	1.520208680
0.7180	0.65787974	0.75312299	0.873535595	1.144773041	1.327804367	1.520034643
0.7181	0.65795505	0.75305720	0.873711917	1.144542017	1.327920372	1.519860661
0.7182	0.65803035	0.75299140	0.873888270	1.144311046	1.328036411	1.519686734
0.7183	0.65810565	0.75292560	0.874064653	1.144080128	1.328152483	1.519512862
0.7184	0.65818094	0.75285978	0.874241067	1.143849262	1.328268589	1.519339045
0.7185	0.65825622	0.75279396	0.874417513	1.143618450	1.328384728	1.519165283
0.7186	0.65833150	0.75272813	0.874593989	1.143387690	1.328500901	1.518991576
0.7187	0.65840677	0.75266229	0.874770496	1.143156982	1.328617108	1.518817924
0.7188	0.65848203	0.75259645	0.874947033	1.142926328	1.328733348	1.518644327
0.7189	0.65855729	0.75253060	0.875123602	1.142695726	1.328849622	1.518470784
0.7190	0.65863254	0.75246474	0.875300202	1.142465177	1.328965930	1.518297297
0.7191	0.65870778	0.75239887	0.875476832	1.142234681	1.329082271	1.518123864
0.7192	0.65878302	0.75233300	0.875653494	1.142004237	1.329198646	1.517950486
0.7193	0.65885825	0.75226711	0.875830186	1.141773846	1.329315055	1.517777163
0.7194	0.65893347	0.75220122	0.876006909	1.141543508	1.329431497	1.517603894
0.7195	0.65900869	0.75213533	0.876183664	1.141313222	1.329547973	1.517430681
0.7196	0.65908390	0.75206942	0.876360449	1.141082989	1.329664483	1.517257522
0.7197	0.65915910	0.75200351	0.876537265	1.140852808	1.329781026	1.517084417
0.7198	0.65923430	0.75193759	0.876714112	1.140622680	1.329897603	1.516911368
0.7199	0.65930949	0.75187166	0.876890991	1.140392604	1.330014214	1.516738373

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.7200	0.65938467	0.75180573	0.877067900	1.140162581	1.330130859	1.516565432
0.7201	0.65945985	0.75173979	0.877244840	1.139932610	1.330247537	1.516392546
0.7202	0.65953502	0.75167384	0.877421812	1.139702691	1.330364249	1.516219715
0.7203	0.65961018	0.75160788	0.877598814	1.139472825	1.330480995	1.516046938
0.7204	0.65968534	0.75154192	0.877775848	1.139243012	1.330597775	1.515874216
0.7205	0.65976049	0.75147594	0.877952912	1.139013250	1.330714588	1.515701549
0.7206	0.65983564	0.75140996	0.878130008	1.138783541	1.330831436	1.515528935
0.7207	0.65991077	0.75134398	0.878307135	1.138553885	1.330948317	1.515356377
0.7208	0.65998591	0.75127798	0.878484292	1.138324280	1.331065232	1.515183872
0.7209	0.66006103	0.75121198	0.878661482	1.138094728	1.331182181	1.515011423
0.7210	0.66013615	0.75114597	0.878838702	1.137865228	1.331299164	1.514839027
0.7211	0.66021126	0.75107995	0.879015953	1.137635781	1.331416180	1.514666686
0.7212	0.66028636	0.75101393	0.879193235	1.137406385	1.331533231	1.514494399
0.7213	0.66036146	0.75094789	0.879370549	1.137177042	1.331650315	1.514322167
0.7214	0.66043655	0.75088185	0.879547894	1.136947751	1.331767434	1.514149989
0.7215	0.66051164	0.75081581	0.879725270	1.136718512	1.331884586	1.513977865
0.7216	0.66058672	0.75074975	0.879902677	1.136489325	1.332001772	1.513805795
0.7217	0.66066179	0.75068369	0.880080116	1.136260190	1.332118993	1.513633780
0.7218	0.66073685	0.75061762	0.880257586	1.136031108	1.332236247	1.513461819
0.7219	0.66081191	0.75055154	0.880435086	1.135802077	1.332353535	1.513289912
0.7220	0.66088696	0.75048546	0.880612619	1.135573098	1.332470857	1.513118060
0.7221	0.66096201	0.75041936	0.880790182	1.135344172	1.332588213	1.512946261
0.7222	0.66103705	0.75035326	0.880967777	1.135115297	1.332705603	1.512774517
0.7223	0.66111208	0.75028716	0.881145403	1.134886474	1.332823027	1.512602826
0.7224	0.66118710	0.75022104	0.881323060	1.134657704	1.332940485	1.512431190
0.7225	0.66126212	0.75015492	0.881500749	1.134428985	1.333057977	1.512259608
0.7226	0.66133714	0.75008879	0.881678469	1.134200318	1.333175503	1.512088080
0.7227	0.66141214	0.75002265	0.881856221	1.133971703	1.333293064	1.511916606
0.7228	0.66148714	0.74995651	0.882034003	1.133743140	1.333410658	1.511745186
0.7229	0.66156213	0.74989035	0.882211817	1.133514628	1.333528286	1.511573820
0.7230	0.66163712	0.74982419	0.882389663	1.133286168	1.333645949	1.511402507
0.7231	0.66171210	0.74975803	0.882567540	1.133057761	1.333763645	1.511231249
0.7232	0.66178707	0.74969185	0.882745448	1.132829404	1.333881376	1.511060045
0.7233	0.66186204	0.74962567	0.882923388	1.132601100	1.333999141	1.510888895
0.7234	0.66193700	0.74955948	0.883101359	1.132372847	1.334116940	1.510717798
0.7235	0.66201195	0.74949328	0.883279361	1.132144646	1.334234773	1.510546755
0.7236	0.66208689	0.74942708	0.883457395	1.131916497	1.334352640	1.510375767
0.7237	0.66216183	0.74936087	0.883635461	1.131688399	1.334470542	1.510204832
0.7238	0.66223677	0.74929465	0.883813557	1.131460353	1.334588478	1.510033950
0.7239	0.66231169	0.74922842	0.883991686	1.131232359	1.334706447	1.509863123
0.7240	0.66238661	0.74916218	0.884169846	1.131004416	1.334824451	1.509692349
0.7241	0.66246152	0.74909594	0.884348037	1.130776525	1.334942490	1.509521629
0.7242	0.66253643	0.74902969	0.884526260	1.130548685	1.335060562	1.509350963
0.7243	0.66261133	0.74896343	0.884704514	1.130320897	1.335178669	1.509180350
0.7244	0.66268622	0.74889717	0.884882800	1.130093160	1.335296810	1.509009791
0.7245	0.66276111	0.74883090	0.885061118	1.129865474	1.335414985	1.508839286
0.7246	0.66283599	0.74876462	0.885239467	1.129637841	1.335533195	1.508668834
0.7247	0.66291086	0.74869833	0.885417848	1.129410258	1.335651438	1.508498436
0.7248	0.66298573	0.74863203	0.885596260	1.129182727	1.335769717	1.508328091
0.7249	0.66306059	0.74856573	0.885774704	1.128955247	1.335888029	1.508157800

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.7250	0.66313544	0.74849942	0.885953179	1.128727819	1.336006376	1.507987563
0.7251	0.66321029	0.74843310	0.886131687	1.128500442	1.336124757	1.507817379
0.7252	0.66328513	0.74836678	0.886310225	1.128273116	1.336243172	1.507647248
0.7253	0.66335996	0.74830045	0.886488796	1.128045842	1.336361622	1.507477171
0.7254	0.66343479	0.74823411	0.886667398	1.127818619	1.336480106	1.507307148
0.7255	0.66350961	0.74816776	0.886846031	1.127591447	1.336598625	1.507137177
0.7256	0.66358442	0.74810141	0.887024697	1.127364326	1.336717178	1.506967261
0.7257	0.66365923	0.74803504	0.887203394	1.127137257	1.336835765	1.506797397
0.7258	0.66373403	0.74796867	0.887382123	1.126910239	1.336954387	1.506627587
0.7259	0.66380882	0.74790230	0.887560883	1.126683272	1.337073043	1.506457830
0.7260	0.66388361	0.74783591	0.887739676	1.126456356	1.337191733	1.506288127
0.7261	0.66395839	0.74776952	0.887918500	1.126229491	1.337310458	1.506118477
0.7262	0.66403316	0.74770312	0.888097356	1.126002677	1.337429218	1.505948880
0.7263	0.66410793	0.74763671	0.888276243	1.125775914	1.337548012	1.505779336
0.7264	0.66418269	0.74757030	0.888455163	1.125549203	1.337666840	1.505609846
0.7265	0.66425745	0.74750388	0.888634114	1.125322542	1.337785703	1.505440409
0.7266	0.66433219	0.74743745	0.888813097	1.125095933	1.337904601	1.505271025
0.7267	0.66440693	0.74737101	0.888992111	1.124869374	1.338023533	1.505101694
0.7268	0.66448167	0.74730457	0.889171158	1.124642866	1.338142499	1.504932416
0.7269	0.66455639	0.74723811	0.889350237	1.124416410	1.338261500	1.504763192
0.7270	0.66463111	0.74717165	0.889529347	1.124190004	1.338380536	1.504594020
0.7271	0.66470583	0.74710519	0.889708489	1.123963649	1.338499606	1.504424902
0.7272	0.66478054	0.74703871	0.889887663	1.123737345	1.338618711	1.504255836
0.7273	0.66485524	0.74697223	0.890066869	1.123511092	1.338737850	1.504086824
0.7274	0.66492993	0.74690574	0.890246107	1.123284890	1.338857024	1.503917865
0.7275	0.66500462	0.74683925	0.890425377	1.123058738	1.338976233	1.503748958
0.7276	0.66507930	0.74677274	0.890604678	1.122832637	1.339095476	1.503580105
0.7277	0.66515397	0.74670623	0.890784012	1.122606588	1.339214754	1.503411304
0.7278	0.66522864	0.74663971	0.890963378	1.122380588	1.339334066	1.503242557
0.7279	0.66530330	0.74657318	0.891142775	1.122154640	1.339453413	1.503073862
0.7280	0.66537795	0.74650665	0.891322205	1.121928742	1.339572795	1.502905221
0.7281	0.66545260	0.74644011	0.891501666	1.121702895	1.339692211	1.502736632
0.7282	0.66552724	0.74637356	0.891681160	1.121477099	1.339811662	1.502568096
0.7283	0.66560188	0.74630700	0.891860685	1.121251353	1.339931148	1.502399613
0.7284	0.66567650	0.74624044	0.892040243	1.121025658	1.340050669	1.502231182
0.7285	0.66575112	0.74617387	0.892219832	1.120800013	1.340170224	1.502062805
0.7286	0.66582574	0.74610729	0.892399454	1.120574419	1.340289814	1.501894480
0.7287	0.66590035	0.74604070	0.892579108	1.120348876	1.340409439	1.501726208
0.7288	0.66597495	0.74597411	0.892758794	1.120123383	1.340529098	1.501557989
0.7289	0.66604954	0.74590751	0.892938511	1.119897940	1.340648793	1.501389822
0.7290	0.66612413	0.74584090	0.893118261	1.119672549	1.340768522	1.501221708
0.7291	0.66619871	0.74577428	0.893298044	1.119447207	1.340888286	1.501053646
0.7292	0.66627328	0.74570766	0.893477858	1.119221916	1.341008084	1.500885638
0.7293	0.66634785	0.74564103	0.893657704	1.118996676	1.341127918	1.500717682
0.7294	0.66642241	0.74557439	0.893837583	1.118771485	1.341247786	1.500549778
0.7295	0.66649696	0.74550774	0.894017493	1.118546346	1.341367689	1.500381927
0.7296	0.66657151	0.74544109	0.894197436	1.118321256	1.341487627	1.500214129
0.7297	0.66664605	0.74537443	0.894377411	1.118096217	1.341607600	1.500046383
0.7298	0.66672059	0.74530776	0.894557418	1.117871228	1.341727608	1.499878690
0.7299	0.66679511	0.74524109	0.894737458	1.117646290	1.341847651	1.499711049

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.7300	0.66686964	0.74517440	0.894917529	1.117421402	1.341967728	1.499543460
0.7301	0.66694415	0.74510771	0.895097633	1.117196564	1.342087841	1.499375924
0.7302	0.66701866	0.74504101	0.895277769	1.116971776	1.342207988	1.499208441
0.7303	0.66709316	0.74497431	0.895457938	1.116747039	1.342328171	1.499041010
0.7304	0.66716765	0.74490759	0.895638138	1.116522351	1.342448388	1.498873631
0.7305	0.66724214	0.74484087	0.895818371	1.116297714	1.342568640	1.498706304
0.7306	0.66731662	0.74477415	0.895998636	1.116073127	1.342688928	1.498539030
0.7307	0.66739109	0.74470741	0.896178934	1.115848590	1.342809250	1.498371809
0.7308	0.66746556	0.74464067	0.896359264	1.115624104	1.342929607	1.498204639
0.7309	0.66754002	0.74457392	0.896539626	1.115399667	1.343049999	1.498037522
0.7310	0.66761448	0.74450716	0.896720020	1.115175280	1.343170427	1.497870457
0.7311	0.66768892	0.74444040	0.896900447	1.114950944	1.343290889	1.497703444
0.7312	0.66776336	0.74437362	0.897080906	1.114726657	1.343411386	1.497536484
0.7313	0.66783780	0.74430684	0.897261398	1.114502421	1.343531919	1.497369575
0.7314	0.66791223	0.74424005	0.897441922	1.114278234	1.343652486	1.497202719
0.7315	0.66798665	0.74417326	0.897622478	1.114054097	1.343773089	1.497035915
0.7316	0.66806106	0.74410646	0.897803067	1.113830011	1.343893726	1.496869164
0.7317	0.66813547	0.74403965	0.897983688	1.113605974	1.344014399	1.496702464
0.7318	0.66820987	0.74397283	0.898164342	1.113381987	1.344135107	1.496535816
0.7319	0.66828426	0.74390601	0.898345028	1.113158050	1.344255850	1.496369221
0.7320	0.66835865	0.74383917	0.898525747	1.112934163	1.344376628	1.496202677
0.7321	0.66843303	0.74377233	0.898706498	1.112710326	1.344497441	1.496036186
0.7322	0.66850740	0.74370549	0.898887282	1.112486538	1.344618290	1.495869746
0.7323	0.66858177	0.74363863	0.899068098	1.112262800	1.344739173	1.495703359
0.7324	0.66865613	0.74357177	0.899248946	1.112039112	1.344860092	1.495537023
0.7325	0.66873049	0.74350490	0.899429827	1.111815474	1.344981046	1.495370739
0.7326	0.66880483	0.74343802	0.899610741	1.111591886	1.345102035	1.495204508
0.7327	0.66887917	0.74337114	0.899791687	1.111368347	1.345223060	1.495038328
0.7328	0.66895351	0.74330425	0.899972666	1.111144858	1.345344119	1.494872200
0.7329	0.66902783	0.74323735	0.900153678	1.110921418	1.345465214	1.494706124
0.7330	0.66910215	0.74317044	0.900334721	1.110698028	1.345586345	1.494540100
0.7331	0.66917647	0.74310353	0.900515798	1.110474688	1.345707510	1.494374128
0.7332	0.66925077	0.74303661	0.900696907	1.110251398	1.345828711	1.494208207
0.7333	0.66932507	0.74296968	0.900878049	1.110028157	1.345949947	1.494042338
0.7334	0.66939937	0.74290274	0.901059223	1.109804965	1.346071218	1.493876521
0.7335	0.66947366	0.74283580	0.901240431	1.109581823	1.346192525	1.493710756
0.7336	0.66954794	0.74276885	0.901421670	1.109358731	1.346313867	1.493545042
0.7337	0.66962221	0.74270189	0.901602943	1.109135688	1.346435244	1.493379380
0.7338	0.66969648	0.74263492	0.901784248	1.108912694	1.346556657	1.493213770
0.7339	0.66977074	0.74256795	0.901965586	1.108689750	1.346678105	1.493048212
0.7340	0.66984499	0.74250097	0.902146956	1.108466856	1.346799588	1.492882705
0.7341	0.66991924	0.74243398	0.902328360	1.108244010	1.346921107	1.492717249
0.7342	0.66999348	0.74236699	0.902509796	1.108021215	1.347042661	1.492551846
0.7343	0.67006771	0.74229998	0.902691264	1.107798468	1.347164251	1.492386494
0.7344	0.67014194	0.74223297	0.902872766	1.107575771	1.347285876	1.492221193
0.7345	0.67021616	0.74216595	0.903054300	1.107353123	1.347407536	1.492055944
0.7346	0.67029037	0.74209893	0.903235867	1.107130525	1.347529232	1.491890746
0.7347	0.67036458	0.74203190	0.903417467	1.106907976	1.347650964	1.491725600
0.7348	0.67043878	0.74196486	0.903599100	1.106685476	1.347772731	1.491560506
0.7349	0.67051297	0.74189781	0.903780766	1.106463025	1.347894533	1.491395463

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.7350	0.67058716	0.74183075	0.903962464	1.106240624	1.348016371	1.491230471
0.7351	0.67066134	0.74176369	0.904144195	1.106018272	1.348138244	1.491065531
0.7352	0.67073551	0.74169662	0.904325959	1.105795969	1.348260153	1.490900642
0.7353	0.67080967	0.74162954	0.904507756	1.105573715	1.348382098	1.490735804
0.7354	0.67088383	0.74156246	0.904689586	1.105351510	1.348504078	1.490571018
0.7355	0.67095799	0.74149537	0.904871449	1.105129354	1.348626093	1.490406283
0.7356	0.67103213	0.74142827	0.905053345	1.104907248	1.348748144	1.490241600
0.7357	0.67110627	0.74136116	0.905235273	1.104685190	1.348870231	1.490076968
0.7358	0.67118041	0.74129405	0.905417235	1.104463182	1.348992353	1.489912387
0.7359	0.67125453	0.74122692	0.905599229	1.104241222	1.349114511	1.489747857
0.7360	0.67132865	0.74115980	0.905781257	1.104019312	1.349236705	1.489583378
0.7361	0.67140276	0.74109266	0.905963317	1.103797451	1.349358934	1.489418951
0.7362	0.67147687	0.74102551	0.906145411	1.103575638	1.349481199	1.489254575
0.7363	0.67155097	0.74095836	0.906327537	1.103353875	1.349603499	1.489090250
0.7364	0.67162506	0.74089120	0.906509697	1.103132160	1.349725835	1.488925976
0.7365	0.67169915	0.74082404	0.906691889	1.102910495	1.349848207	1.488761754
0.7366	0.67177323	0.74075686	0.906874115	1.102688878	1.349970614	1.488597582
0.7367	0.67184730	0.74068968	0.907056373	1.102467310	1.350093058	1.488433462
0.7368	0.67192136	0.74062250	0.907238665	1.102245791	1.350215537	1.488269392
0.7369	0.67199542	0.74055530	0.907420990	1.102024321	1.350338051	1.488105374
0.7370	0.67206947	0.74048810	0.907603347	1.101802900	1.350460602	1.487941407
0.7371	0.67214352	0.74042089	0.907785738	1.101581527	1.350583188	1.487777490
0.7372	0.67221756	0.74035367	0.907968162	1.101360203	1.350705810	1.487613625
0.7373	0.67229159	0.74028644	0.908150620	1.101138928	1.350828467	1.487449811
0.7374	0.67236562	0.74021921	0.908333110	1.100917702	1.350951161	1.487286047
0.7375	0.67243964	0.74015197	0.908515633	1.100696524	1.351073890	1.487122335
0.7376	0.67251365	0.74008472	0.908698190	1.100475395	1.351196655	1.486958673
0.7377	0.67258765	0.74001747	0.908880780	1.100254315	1.351319456	1.486795062
0.7378	0.67266165	0.73995020	0.909063403	1.100033283	1.351442293	1.486631503
0.7379	0.67273564	0.73988293	0.909246059	1.099812300	1.351565165	1.486467994
0.7380	0.67280963	0.73981566	0.909428749	1.099591366	1.351688074	1.486304535
0.7381	0.67288361	0.73974837	0.909611471	1.099370480	1.351811018	1.486141128
0.7382	0.67295758	0.73968108	0.909794227	1.099149643	1.351933998	1.485977772
0.7383	0.67303154	0.73961378	0.909977016	1.098928854	1.352057014	1.485814466
0.7384	0.67310550	0.73954647	0.910159839	1.098708114	1.352180067	1.485651211
0.7385	0.67317945	0.73947916	0.910342695	1.098487422	1.352303155	1.485488006
0.7386	0.67325340	0.73941184	0.910525584	1.098266779	1.352426278	1.485324853
0.7387	0.67332733	0.73934451	0.910708506	1.098046184	1.352549438	1.485161750
0.7388	0.67340126	0.73927717	0.910891462	1.097825638	1.352672634	1.484998697
0.7389	0.67347519	0.73920983	0.911074451	1.097605140	1.352795866	1.484835696
0.7390	0.67354911	0.73914248	0.911257473	1.097384691	1.352919134	1.484672745
0.7391	0.67362302	0.73907512	0.911440529	1.097164289	1.353042437	1.484509844
0.7392	0.67369692	0.73900775	0.911623618	1.096943937	1.353165777	1.484346995
0.7393	0.67377082	0.73894038	0.911806740	1.096723632	1.353289153	1.484184195
0.7394	0.67384471	0.73887300	0.911989896	1.096503376	1.353412565	1.484021447
0.7395	0.67391859	0.73880561	0.912173085	1.096283168	1.353536013	1.483858748
0.7396	0.67399247	0.73873821	0.912356308	1.096063009	1.353659497	1.483696101
0.7397	0.67406634	0.73867081	0.912539564	1.095842897	1.353783017	1.483533503
0.7398	0.67414020	0.73860340	0.912722854	1.095622834	1.353906573	1.483370957
0.7399	0.67421406	0.73853598	0.912906177	1.095402820	1.354030165	1.483208460

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.7400	0.67428791	0.73846856	0.913089533	1.095182853	1.354153793	1.483046015
0.7401	0.67436176	0.73840113	0.913272923	1.094962934	1.354277458	1.482883619
0.7402	0.67443559	0.73833369	0.913456347	1.094743064	1.354401158	1.482721274
0.7403	0.67450942	0.73826624	0.913639804	1.094523242	1.354524895	1.482558979
0.7404	0.67458325	0.73819878	0.913823294	1.094303468	1.354648668	1.482396735
0.7405	0.67465706	0.73813132	0.914006818	1.094083742	1.354772477	1.482234541
0.7406	0.67473087	0.73806385	0.914190376	1.093864064	1.354896322	1.482072397
0.7407	0.67480467	0.73799638	0.914373967	1.093644434	1.355020203	1.481910304
0.7408	0.67487847	0.73792889	0.914557592	1.093424852	1.355144121	1.481748261
0.7409	0.67495226	0.73786140	0.914741250	1.093205319	1.355268075	1.481586268
0.7410	0.67502604	0.73779390	0.914924942	1.092985833	1.355392065	1.481424325
0.7411	0.67509982	0.73772640	0.915108668	1.092766395	1.355516091	1.481262433
0.7412	0.67517359	0.73765888	0.915292427	1.092547005	1.355640154	1.481100590
0.7413	0.67524735	0.73759136	0.915476220	1.092327663	1.355764253	1.480938798
0.7414	0.67532111	0.73752383	0.915660046	1.092108369	1.355888388	1.480777056
0.7415	0.67539486	0.73745630	0.915843907	1.091889123	1.356012559	1.480615364
0.7416	0.67546860	0.73738875	0.916027800	1.091669925	1.356136767	1.480453723
0.7417	0.67554233	0.73732120	0.916211728	1.091450774	1.356261011	1.480292131
0.7418	0.67561606	0.73725364	0.916395689	1.091231672	1.356385292	1.480130589
0.7419	0.67568978	0.73718608	0.916579684	1.091012617	1.356509608	1.479969098
0.7420	0.67576350	0.73711851	0.916763713	1.090793610	1.356633961	1.479807656
0.7421	0.67583721	0.73705093	0.916947775	1.090574651	1.356758351	1.479646265
0.7422	0.67591091	0.73698334	0.917131872	1.090355740	1.356882777	1.479484923
0.7423	0.67598460	0.73691574	0.917316001	1.090136876	1.357007239	1.479323632
0.7424	0.67605829	0.73684814	0.917500165	1.089918060	1.357131738	1.479162390
0.7425	0.67613197	0.73678053	0.917684363	1.089699292	1.357256273	1.479001199
0.7426	0.67620565	0.73671292	0.917868594	1.089480571	1.357380844	1.478840057
0.7427	0.67627932	0.73664529	0.918052859	1.089261898	1.357505452	1.478678965
0.7428	0.67635298	0.73657766	0.918237158	1.089043273	1.357630097	1.478517923
0.7429	0.67642663	0.73651002	0.918421491	1.088824695	1.357754777	1.478356931
0.7430	0.67650028	0.73644237	0.918605858	1.088606165	1.357879495	1.478195989
0.7431	0.67657392	0.73637472	0.918790259	1.088387682	1.358004249	1.478035097
0.7432	0.67664755	0.73630706	0.918974693	1.088169247	1.358129039	1.477874254
0.7433	0.67672118	0.73623939	0.919159162	1.087950860	1.358253866	1.477713461
0.7434	0.67679480	0.73617172	0.919343664	1.087732520	1.358378729	1.477552718
0.7435	0.67686842	0.73610403	0.919528200	1.087514227	1.358503629	1.477392025
0.7436	0.67694202	0.73603634	0.919712770	1.087295982	1.358628566	1.477231381
0.7437	0.67701562	0.73596864	0.919897374	1.087077785	1.358753539	1.477070787
0.7438	0.67708922	0.73590094	0.920082013	1.086859635	1.358878549	1.476910243
0.7439	0.67716280	0.73583323	0.920266685	1.086641532	1.359003595	1.476749748
0.7440	0.67723638	0.73576551	0.920451391	1.086423477	1.359128678	1.476589303
0.7441	0.67730996	0.73569778	0.920636131	1.086205469	1.359253797	1.476428908
0.7442	0.67738352	0.73563004	0.920820905	1.085987508	1.359378953	1.476268562
0.7443	0.67745708	0.73556230	0.921005713	1.085769595	1.359504146	1.476108266
0.7444	0.67753064	0.73549455	0.921190555	1.085551729	1.359629376	1.475948020
0.7445	0.67760418	0.73542680	0.921375431	1.085333911	1.359754642	1.475787823
0.7446	0.67767772	0.73535903	0.921560342	1.085116139	1.359879944	1.475627675
0.7447	0.67775125	0.73529126	0.921745286	1.084898415	1.360005284	1.475467577
0.7448	0.67782478	0.73522348	0.921930265	1.084680738	1.360130660	1.475307529
0.7449	0.67789830	0.73515570	0.922115277	1.084463109	1.360256073	1.475147530

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.7450	0.67797181	0.73508790	0.922300324	1.084245526	1.360381523	1.474987580
0.7451	0.67804532	0.73502010	0.922485405	1.084027991	1.360507009	1.474827680
0.7452	0.67811881	0.73495229	0.922670520	1.083810503	1.360632532	1.474667829
0.7453	0.67819231	0.73488448	0.922855669	1.083593062	1.360758092	1.474508028
0.7454	0.67826579	0.73481665	0.923040852	1.083375668	1.360883689	1.474348276
0.7455	0.67833927	0.73474882	0.923226070	1.083158321	1.361009323	1.474188573
0.7456	0.67841274	0.73468099	0.923411322	1.082941022	1.361134993	1.474028920
0.7457	0.67848621	0.73461314	0.923596608	1.082723769	1.361260700	1.473869316
0.7458	0.67855966	0.73454529	0.923781928	1.082506564	1.361386444	1.473709761
0.7459	0.67863311	0.73447743	0.923967282	1.082289405	1.361512225	1.473550256
0.7460	0.67870656	0.73440956	0.924152671	1.082072293	1.361638043	1.473390800
0.7461	0.67878000	0.73434169	0.924338094	1.081855229	1.361763897	1.473231393
0.7462	0.67885343	0.73427381	0.924523551	1.081638211	1.361889789	1.473072035
0.7463	0.67892685	0.73420592	0.924709043	1.081421241	1.362015717	1.472912726
0.7464	0.67900027	0.73413802	0.924894568	1.081204317	1.362141682	1.472753467
0.7465	0.67907368	0.73407012	0.925080129	1.080987440	1.362267684	1.472594257
0.7466	0.67914708	0.73400221	0.925265723	1.080770610	1.362393724	1.472435096
0.7467	0.67922048	0.73393429	0.925451352	1.080553827	1.362519800	1.472275984
0.7468	0.67929387	0.73386636	0.925637015	1.080337091	1.362645913	1.472116921
0.7469	0.67936725	0.73379843	0.925822713	1.080120401	1.362772063	1.471957908
0.7470	0.67944063	0.73373049	0.926008445	1.079903759	1.362898250	1.471798943
0.7471	0.67951400	0.73366254	0.926194211	1.079687163	1.363024474	1.471640027
0.7472	0.67958736	0.73359459	0.926380012	1.079470614	1.363150735	1.471481161
0.7473	0.67966072	0.73352662	0.926565847	1.079254112	1.363277033	1.471322343
0.7474	0.67973407	0.73345865	0.926751717	1.079037656	1.363403368	1.471163575
0.7475	0.67980741	0.73339068	0.926937621	1.078821247	1.363529740	1.471004855
0.7476	0.67988075	0.73332269	0.927123559	1.078604885	1.363656150	1.470846184
0.7477	0.67995407	0.73325470	0.927309532	1.078388569	1.363782596	1.470687563
0.7478	0.68002740	0.73318670	0.927495540	1.078172301	1.363909079	1.470528990
0.7479	0.68010071	0.73311870	0.927681582	1.077956078	1.364035600	1.470370466
0.7480	0.68017402	0.73305068	0.927867659	1.077739903	1.364162157	1.470211991
0.7481	0.68024732	0.73298266	0.928053770	1.077523774	1.364288752	1.470053565
0.7482	0.68032062	0.73291463	0.928239915	1.077307691	1.364415384	1.469895187
0.7483	0.68039390	0.73284660	0.928426096	1.077091655	1.364542053	1.469736859
0.7484	0.68046719	0.73277855	0.928612310	1.076875666	1.364668759	1.469578579
0.7485	0.68054046	0.73271050	0.928798560	1.076659723	1.364795503	1.469420348
0.7486	0.68061373	0.73264245	0.928984844	1.076443827	1.364922283	1.469262166
0.7487	0.68068699	0.73257438	0.929171162	1.076227977	1.365049101	1.469104032
0.7488	0.68076024	0.73250631	0.929357515	1.076012173	1.365175956	1.468945948
0.7489	0.68083349	0.73243823	0.929543903	1.075796416	1.365302849	1.468787912
0.7490	0.68090673	0.73237014	0.929730326	1.075580706	1.365429778	1.468629924
0.7491	0.68097996	0.73230205	0.929916783	1.075365042	1.365556745	1.468471986
0.7492	0.68105319	0.73223395	0.930103275	1.075149424	1.365683749	1.468314096
0.7493	0.68112641	0.73216584	0.930289801	1.074933852	1.365810790	1.468156254
0.7494	0.68119962	0.73209772	0.930476363	1.074718327	1.365937869	1.467998461
0.7495	0.68127283	0.73202960	0.930662959	1.074502848	1.366064985	1.467840717
0.7496	0.68134603	0.73196147	0.930849589	1.074287416	1.366192138	1.467683022
0.7497	0.68141922	0.73189333	0.931036255	1.074072030	1.366319329	1.467525375
0.7498	0.68149241	0.73182518	0.931222955	1.073856690	1.366446557	1.467367776
0.7499	0.68156559	0.73175703	0.931409690	1.073641396	1.366573822	1.467210226

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.7500	0.68163876	0.73168887	0.931596460	1.073426149	1.366701125	1.467052724
0.7501	0.68171193	0.73162070	0.931783265	1.073210947	1.366828465	1.466895271
0.7502	0.68178508	0.73155253	0.931970104	1.072995792	1.366955842	1.466737867
0.7503	0.68185824	0.73148434	0.932156978	1.072780683	1.367083257	1.466580511
0.7504	0.68193138	0.73141615	0.932343887	1.072565621	1.367210709	1.466423203
0.7505	0.68200452	0.73134796	0.932530831	1.072350604	1.367338199	1.466265944
0.7506	0.68207765	0.73127975	0.932717810	1.072135633	1.367465727	1.466108733
0.7507	0.68215078	0.73121154	0.932904824	1.071920709	1.367593291	1.465951570
0.7508	0.68222389	0.73114332	0.933091872	1.071705831	1.367720893	1.465794456
0.7509	0.68229700	0.73107510	0.933278956	1.071490998	1.367848533	1.465637390
0.7510	0.68237011	0.73100686	0.933466074	1.071276212	1.367976210	1.465480373
0.7511	0.68244321	0.73093862	0.933653228	1.071061472	1.368103925	1.465323403
0.7512	0.68251630	0.73087038	0.933840416	1.070846777	1.368231677	1.465166482
0.7513	0.68258938	0.73080212	0.934027639	1.070632129	1.368359467	1.465009609
0.7514	0.68266246	0.73073386	0.934214897	1.070417527	1.368487294	1.464852785
0.7515	0.68273553	0.73066559	0.934402191	1.070202970	1.368615159	1.464696009
0.7516	0.68280859	0.73059731	0.934589519	1.069988460	1.368743062	1.464539281
0.7517	0.68288165	0.73052903	0.934776882	1.069773995	1.368871002	1.464382601
0.7518	0.68295470	0.73046073	0.934964281	1.069559577	1.368998979	1.464225969
0.7519	0.68302774	0.73039244	0.935151714	1.069345204	1.369126995	1.464069385
0.7520	0.68310077	0.73032413	0.935339182	1.069130877	1.369255048	1.463912850
0.7521	0.68317380	0.73025582	0.935526686	1.068916596	1.369383138	1.463756362
0.7522	0.68324682	0.73018749	0.935714224	1.068702360	1.369511267	1.463599923
0.7523	0.68331984	0.73011917	0.935901798	1.068488171	1.369639433	1.463443532
0.7524	0.68339285	0.73005083	0.936089407	1.068274027	1.369767636	1.463287189
0.7525	0.68346585	0.72998249	0.936277051	1.068059929	1.369895878	1.463130893
0.7526	0.68353885	0.72991414	0.936464730	1.067845876	1.370024157	1.462974646
0.7527	0.68361183	0.72984578	0.936652444	1.067631870	1.370152474	1.462818447
0.7528	0.68368481	0.72977741	0.936840193	1.067417909	1.370280828	1.462662296
0.7529	0.68375779	0.72970904	0.937027978	1.067203994	1.370409220	1.462506193
0.7530	0.68383076	0.72964066	0.937215798	1.066990124	1.370537650	1.462350137
0.7531	0.68390372	0.72957228	0.937403653	1.066776300	1.370666118	1.462194130
0.7532	0.68397667	0.72950388	0.937591543	1.066562522	1.370794624	1.462038171
0.7533	0.68404962	0.72943548	0.937779468	1.066348789	1.370923167	1.461882259
0.7534	0.68412256	0.72936707	0.937967429	1.066135102	1.371051749	1.461726395
0.7535	0.68419549	0.72929866	0.938155425	1.065921460	1.371180368	1.461570580
0.7536	0.68426842	0.72923023	0.938343456	1.065707864	1.371309025	1.461414811
0.7537	0.68434134	0.72916180	0.938531522	1.065494313	1.371437720	1.461259091
0.7538	0.68441425	0.72909337	0.938719624	1.065280808	1.371566452	1.461103419
0.7539	0.68448716	0.72902492	0.938907761	1.065067349	1.371695223	1.460947794
0.7540	0.68456005	0.72895647	0.939095934	1.064853935	1.371824031	1.460792217
0.7541	0.68463295	0.72888801	0.939284142	1.064640566	1.371952878	1.460636688
0.7542	0.68470583	0.72881954	0.939472385	1.064427243	1.372081762	1.460481207
0.7543	0.68477871	0.72875107	0.939660663	1.064213965	1.372210684	1.460325773
0.7544	0.68485158	0.72868259	0.939848977	1.064000732	1.372339644	1.460170387
0.7545	0.68492445	0.72861410	0.940037326	1.063787545	1.372468643	1.460015048
0.7546	0.68499731	0.72854560	0.940225711	1.063574404	1.372597679	1.459859758
0.7547	0.68507016	0.72847710	0.940414131	1.063361307	1.372726753	1.459704515
0.7548	0.68514300	0.72840859	0.940602587	1.063148256	1.372855865	1.459549319
0.7549	0.68521584	0.72834007	0.940791078	1.062935250	1.372985015	1.459394171

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.7550	0.68528867	0.72827154	0.940979604	1.062722290	1.373114204	1.459239071
0.7551	0.68536149	0.72820301	0.941168166	1.062509375	1.373243430	1.459084018
0.7552	0.68543431	0.72813447	0.941356764	1.062296505	1.373372694	1.458929013
0.7553	0.68550712	0.72806592	0.941545397	1.062083680	1.373501997	1.458774055
0.7554	0.68557992	0.72799737	0.941734066	1.061870900	1.373631337	1.458619145
0.7555	0.68565272	0.72792881	0.941922770	1.061658166	1.373760716	1.458464282
0.7556	0.68572551	0.72786024	0.942111509	1.061445477	1.373890132	1.458309466
0.7557	0.68579829	0.72779166	0.942300284	1.061232833	1.374019587	1.458154699
0.7558	0.68587107	0.72772308	0.942489095	1.061020234	1.374149080	1.457999978
0.7559	0.68594384	0.72765449	0.942677942	1.060807680	1.374278611	1.457845305
0.7560	0.68601660	0.72758589	0.942866824	1.060595171	1.374408181	1.457690679
0.7561	0.68608935	0.72751729	0.943055741	1.060382707	1.374537788	1.457536101
0.7562	0.68616210	0.72744867	0.943244694	1.060170289	1.374667434	1.457381570
0.7563	0.68623484	0.72738005	0.943433683	1.059957915	1.374797118	1.457227087
0.7564	0.68630758	0.72731143	0.943622708	1.059745587	1.374926840	1.457072650
0.7565	0.68638030	0.72724279	0.943811768	1.059533303	1.375056600	1.456918261
0.7566	0.68645303	0.72717415	0.944000864	1.059321064	1.375186399	1.456763920
0.7567	0.68652574	0.72710550	0.944189996	1.059108871	1.375316236	1.456609625
0.7568	0.68659845	0.72703684	0.944379163	1.058896722	1.375446111	1.456455378
0.7569	0.68667115	0.72696818	0.944568366	1.058684618	1.375576024	1.456301178
0.7570	0.68674384	0.72689951	0.944757605	1.058472559	1.375705976	1.456147025
0.7571	0.68681653	0.72683083	0.944946879	1.058260545	1.375835966	1.455992920
0.7572	0.68688921	0.72676215	0.945136190	1.058048576	1.375965994	1.455838861
0.7573	0.68696188	0.72669345	0.945325536	1.057836652	1.376096061	1.455684850
0.7574	0.68703455	0.72662475	0.945514918	1.057624773	1.376226166	1.455530886
0.7575	0.68710720	0.72655605	0.945704336	1.057412938	1.376356309	1.455376969
0.7576	0.68717986	0.72648733	0.945893789	1.057201148	1.376486491	1.455223099
0.7577	0.68725250	0.72641861	0.946083279	1.056989403	1.376616711	1.455069276
0.7578	0.68732514	0.72634988	0.946272804	1.056777703	1.376746970	1.454915500
0.7579	0.68739777	0.72628115	0.946462365	1.056566047	1.376877267	1.454761772
0.7580	0.68747040	0.72621240	0.946651962	1.056354437	1.377007602	1.454608090
0.7581	0.68754301	0.72614365	0.946841595	1.056142870	1.377137976	1.454454455
0.7582	0.68761562	0.72607489	0.947031264	1.055931349	1.377268389	1.454300868
0.7583	0.68768823	0.72600613	0.947220969	1.055719872	1.377398840	1.454147327
0.7584	0.68776083	0.72593736	0.947410709	1.055508440	1.377529329	1.453993833
0.7585	0.68783342	0.72586858	0.947600486	1.055297053	1.377659857	1.453840386
0.7586	0.68790600	0.72579979	0.947790299	1.055085710	1.377790423	1.453686987
0.7587	0.68797858	0.72573100	0.947980147	1.054874411	1.377921028	1.453533634
0.7588	0.68805115	0.72566219	0.948170032	1.054663158	1.378051672	1.453380327
0.7589	0.68812371	0.72559339	0.948359953	1.054451949	1.378182354	1.453227068
0.7590	0.68819626	0.72552457	0.948549909	1.054240784	1.378313074	1.453073856
0.7591	0.68826881	0.72545575	0.948739902	1.054029664	1.378443833	1.452920690
0.7592	0.68834136	0.72538692	0.948929931	1.053818588	1.378574631	1.452767572
0.7593	0.68841389	0.72531808	0.949119996	1.053607557	1.378705468	1.452614500
0.7594	0.68848642	0.72524923	0.949310097	1.053396570	1.378836343	1.452461474
0.7595	0.68855894	0.72518038	0.949500234	1.053185628	1.378967256	1.452308496
0.7596	0.68863146	0.72511152	0.949690407	1.052974730	1.379098208	1.452155564
0.7597	0.68870396	0.72504265	0.949880616	1.052763877	1.379229199	1.452002679
0.7598	0.68877646	0.72497378	0.950070861	1.052553068	1.379360229	1.451849841
0.7599	0.68884896	0.72490490	0.950261143	1.052342303	1.379491297	1.451697050

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.7600	0.68892145	0.72483601	0.950451461	1.052131583	1.379622404	1.451544305
0.7601	0.68899393	0.72476711	0.950641814	1.051920907	1.379753550	1.451391606
0.7602	0.68906640	0.72469821	0.950832205	1.051710276	1.379884735	1.451238955
0.7603	0.68913886	0.72462930	0.951022631	1.051499688	1.380015958	1.451086350
0.7604	0.68921132	0.72456038	0.951213093	1.051289145	1.380147220	1.450933791
0.7605	0.68928378	0.72449146	0.951403592	1.051078647	1.380278521	1.450781280
0.7606	0.68935622	0.72442253	0.951594127	1.050868192	1.380409860	1.450628814
0.7607	0.68942866	0.72435359	0.951784698	1.050657782	1.380541239	1.450476396
0.7608	0.68950109	0.72428464	0.951975306	1.050447416	1.380672656	1.450324024
0.7609	0.68957352	0.72421569	0.952165950	1.050237094	1.380804112	1.450171698
0.7610	0.68964594	0.72414673	0.952356630	1.050026816	1.380935607	1.450019419
0.7611	0.68971835	0.72407776	0.952547346	1.049816583	1.381067141	1.449867186
0.7612	0.68979075	0.72400878	0.952738099	1.049606393	1.381198713	1.449715000
0.7613	0.68986315	0.72393980	0.952928888	1.049396248	1.381330325	1.449562860
0.7614	0.68993554	0.72387081	0.953119714	1.049186147	1.381461975	1.449410767
0.7615	0.69000792	0.72380181	0.953310576	1.048976090	1.381593665	1.449258720
0.7616	0.69008030	0.72373281	0.953501474	1.048766076	1.381725393	1.449106719
0.7617	0.69015267	0.72366380	0.953692409	1.048556107	1.381857160	1.448954765
0.7618	0.69022503	0.72359478	0.953883380	1.048346182	1.381988966	1.448802857
0.7619	0.69029739	0.72352575	0.954074388	1.048136302	1.382120811	1.448650995
0.7620	0.69036974	0.72345672	0.954265432	1.047926465	1.382252695	1.448499180
0.7621	0.69044208	0.72338768	0.954456512	1.047716672	1.382384619	1.448347411
0.7622	0.69051442	0.72331863	0.954647629	1.047506922	1.382516581	1.448195689
0.7623	0.69058674	0.72324958	0.954838783	1.047297217	1.382648582	1.448044012
0.7624	0.69065907	0.72318051	0.955029973	1.047087556	1.382780622	1.447892382
0.7625	0.69073138	0.72311144	0.955221199	1.046877939	1.382912701	1.447740798
0.7626	0.69080369	0.72304237	0.955412462	1.046668365	1.383044819	1.447589261
0.7627	0.69087599	0.72297328	0.955603762	1.046458836	1.383176977	1.447437769
0.7628	0.69094828	0.72290419	0.955795098	1.046249350	1.383309173	1.447286324
0.7629	0.69102057	0.72283509	0.955986470	1.046039908	1.383441409	1.447134925
0.7630	0.69109285	0.72276599	0.956177880	1.045830510	1.383573684	1.446983572
0.7631	0.69116512	0.72269687	0.956369326	1.045621156	1.383705997	1.446832265
0.7632	0.69123739	0.72262775	0.956560808	1.045411846	1.383838350	1.446681004
0.7633	0.69130965	0.72255863	0.956752327	1.045202579	1.383970742	1.446529789
0.7634	0.69138190	0.72248949	0.956943883	1.044993356	1.384103174	1.446378621
0.7635	0.69145415	0.72242035	0.957135476	1.044784177	1.384235644	1.446227498
0.7636	0.69152638	0.72235120	0.957327105	1.044575041	1.384368154	1.446076421
0.7637	0.69159862	0.72228205	0.957518771	1.044365949	1.384500703	1.445925391
0.7638	0.69167084	0.72221288	0.957710473	1.044156901	1.384633291	1.445774406
0.7639	0.69174306	0.72214371	0.957902213	1.043947897	1.384765918	1.445623468
0.7640	0.69181527	0.72207453	0.958093989	1.043738936	1.384898585	1.445472575
0.7641	0.69188747	0.72200535	0.958285801	1.043530018	1.385031291	1.445321729
0.7642	0.69195967	0.72193616	0.958477651	1.043321145	1.385164036	1.445170928
0.7643	0.69203186	0.72186696	0.958669537	1.043112315	1.385296821	1.445020173
0.7644	0.69210404	0.72179775	0.958861460	1.042903528	1.385429645	1.444869464
0.7645	0.69217622	0.72172854	0.959053420	1.042694785	1.385562508	1.444718801
0.7646	0.69224839	0.72165931	0.959245417	1.042486085	1.385695410	1.444568184
0.7647	0.69232055	0.72159009	0.959437451	1.042277430	1.385828352	1.444417613
0.7648	0.69239271	0.72152085	0.959629521	1.042068817	1.385961334	1.444267087
0.7649	0.69246486	0.72145161	0.959821629	1.041860248	1.386094354	1.444116608

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.7650	0.69253700	0.72138236	0.960013773	1.041651722	1.386227414	1.443966174
0.7651	0.69260913	0.72131310	0.960205954	1.041443240	1.386360514	1.443815786
0.7652	0.69268126	0.72124384	0.960398172	1.041234802	1.386493653	1.443665443
0.7653	0.69275338	0.72117456	0.960590427	1.041026406	1.386626831	1.443515147
0.7654	0.69282550	0.72110528	0.960782719	1.040818054	1.386760049	1.443364896
0.7655	0.69289760	0.72103600	0.960975047	1.040609746	1.386893306	1.443214691
0.7656	0.69296970	0.72096671	0.961167413	1.040401481	1.387026603	1.443064531
0.7657	0.69304180	0.72089740	0.961359816	1.040193259	1.387159939	1.442914417
0.7658	0.69311388	0.72082810	0.961552256	1.039985080	1.387293315	1.442764349
0.7659	0.69318596	0.72075878	0.961744733	1.039776945	1.387426730	1.442614327
0.7660	0.69325803	0.72068946	0.961937246	1.039568853	1.387560185	1.442464350
0.7661	0.69333010	0.72062013	0.962129797	1.039360804	1.387693679	1.442314418
0.7662	0.69340216	0.72055079	0.962322385	1.039152799	1.387827213	1.442164533
0.7663	0.69347421	0.72048145	0.962515010	1.038944837	1.387960786	1.442014693
0.7664	0.69354625	0.72041210	0.962707672	1.038736918	1.388094400	1.441864898
0.7665	0.69361829	0.72034274	0.962900371	1.038529042	1.388228052	1.441715149
0.7666	0.69369032	0.72027338	0.963093108	1.038321209	1.388361745	1.441565445
0.7667	0.69376235	0.72020400	0.963285881	1.038113420	1.388495477	1.441415787
0.7668	0.69383436	0.72013462	0.963478692	1.037905673	1.388629248	1.441266175
0.7669	0.69390637	0.72006524	0.963671539	1.037697970	1.388763060	1.441116608
0.7670	0.69397838	0.71999584	0.963864424	1.037490310	1.388896911	1.440967086
0.7671	0.69405037	0.71992644	0.964057346	1.037282693	1.389030801	1.440817610
0.7672	0.69412236	0.71985703	0.964250305	1.037075119	1.389164732	1.440668179
0.7673	0.69419434	0.71978762	0.964443302	1.036867588	1.389298702	1.440518794
0.7674	0.69426632	0.71971819	0.964636336	1.036660100	1.389432712	1.440369454
0.7675	0.69433829	0.71964876	0.964829407	1.036452655	1.389566761	1.440220159
0.7676	0.69441025	0.71957932	0.965022515	1.036245253	1.389700851	1.440070909
0.7677	0.69448220	0.71950988	0.965215660	1.036037894	1.389834980	1.439921705
0.7678	0.69455415	0.71944043	0.965408843	1.035830578	1.389969149	1.439772547
0.7679	0.69462609	0.71937097	0.965602063	1.035623305	1.390103357	1.439623433
0.7680	0.69469803	0.71930150	0.965795321	1.035416075	1.390237606	1.439474365
0.7681	0.69476995	0.71923203	0.965988615	1.035208888	1.390371894	1.439325342
0.7682	0.69484187	0.71916255	0.966181947	1.035001743	1.390506223	1.439176365
0.7683	0.69491379	0.71909306	0.966375317	1.034794642	1.390640591	1.439027432
0.7684	0.69498569	0.71902357	0.966568724	1.034587583	1.390774999	1.438878545
0.7685	0.69505759	0.71895406	0.966762168	1.034380568	1.390909447	1.438729703
0.7686	0.69512948	0.71888456	0.966955649	1.034173595	1.391043935	1.438580906
0.7687	0.69520137	0.71881504	0.967149168	1.033966665	1.391178462	1.438432155
0.7688	0.69527324	0.71874551	0.967342725	1.033759777	1.391313030	1.438283448
0.7689	0.69534512	0.71867598	0.967536319	1.033552933	1.391447638	1.438134787
0.7690	0.69541698	0.71860645	0.967729950	1.033346131	1.391582285	1.437986171
0.7691	0.69548884	0.71853690	0.967923619	1.033139372	1.391716973	1.437837599
0.7692	0.69556069	0.71846735	0.968117325	1.032932656	1.391851700	1.437689073
0.7693	0.69563253	0.71839779	0.968311069	1.032725982	1.391986468	1.437540592
0.7694	0.69570437	0.71832822	0.968504851	1.032519351	1.392121276	1.437392156
0.7695	0.69577620	0.71825865	0.968698670	1.032312763	1.392256123	1.437243765
0.7696	0.69584802	0.71818907	0.968892526	1.032106217	1.392391011	1.437095419
0.7697	0.69591983	0.71811948	0.969086420	1.031899714	1.392525939	1.436947118
0.7698	0.69599164	0.71804988	0.969280352	1.031693254	1.392660907	1.436798862
0.7699	0.69606344	0.71798028	0.969474321	1.031486836	1.392795914	1.436650651

x	sin(x)	cos(x)	tan(x)	cot(x)	sec(x)	csc(x)
0.7700	0.69613524	0.71791067	0.969668328	1.031280461	1.392930962	1.436502485
0.7701	0.69620703	0.71784105	0.969862372	1.031074128	1.393066051	1.436354363
0.7702	0.69627881	0.71777143	0.970056455	1.030867838	1.393201179	1.436206287
0.7703	0.69635058	0.71770180	0.970250574	1.030661590	1.393336347	1.436058256
0.7704	0.69642235	0.71763216	0.970444732	1.030455385	1.393471556	1.435910269
0.7705	0.69649411	0.71756251	0.970638927	1.030249223	1.393606805	1.435762327
0.7706	0.69656586	0.71749286	0.970833160	1.030043103	1.393742094	1.435614431
0.7707	0.69663761	0.71742320	0.971027430	1.029837025	1.393877423	1.435466578
0.7708	0.69670934	0.71735353	0.971221739	1.029630990	1.394012792	1.435318771
0.7709	0.69678108	0.71728386	0.971416085	1.029424997	1.394148202	1.435171009
0.7710	0.69685280	0.71721418	0.971610469	1.029219047	1.394283652	1.435023291
0.7711	0.69692452	0.71714449	0.971804890	1.029013139	1.394419142	1.434875618
0.7712	0.69699623	0.71707479	0.971999349	1.028807273	1.394554673	1.434727990
0.7713	0.69706793	0.71700509	0.972193847	1.028601450	1.394690244	1.434580406
0.7714	0.69713963	0.71693538	0.972388382	1.028395669	1.394825855	1.434432868
0.7715	0.69721132	0.71686566	0.972582954	1.028189930	1.394961506	1.434285373
0.7716	0.69728300	0.71679593	0.972777565	1.027984234	1.395097198	1.434137924
0.7717	0.69735468	0.71672620	0.972972214	1.027778580	1.395232930	1.433990519
0.7718	0.69742635	0.71665646	0.973166900	1.027572968	1.395368702	1.433843159
0.7719	0.69749801	0.71658672	0.973361624	1.027367399	1.395504515	1.433695843
0.7720	0.69756967	0.71651696	0.973556387	1.027161871	1.395640368	1.433548573
0.7721	0.69764131	0.71644720	0.973751187	1.026956386	1.395776262	1.433401346
0.7722	0.69771296	0.71637744	0.973946025	1.026750943	1.395912196	1.433254164
0.7723	0.69778459	0.71630766	0.974140901	1.026545543	1.396048171	1.433107027
0.7724	0.69785622	0.71623788	0.974335815	1.026340184	1.396184186	1.432959934
0.7725	0.69792784	0.71616809	0.974530767	1.026134868	1.396320241	1.432812886
0.7726	0.69799945	0.71609829	0.974725757	1.025929594	1.396456337	1.432665883
0.7727	0.69807106	0.71602849	0.974920785	1.025724362	1.396592474	1.432518923
0.7728	0.69814266	0.71595868	0.975115851	1.025519172	1.396728651	1.432372009
0.7729	0.69821425	0.71588886	0.975310955	1.025314024	1.396864868	1.432225138
0.7730	0.69828583	0.71581904	0.975506098	1.025108918	1.397001126	1.432078313
0.7731	0.69835741	0.71574920	0.975701278	1.024903854	1.397137425	1.431931531
0.7732	0.69842898	0.71567936	0.975896496	1.024698832	1.397273764	1.431784794
0.7733	0.69850055	0.71560952	0.976091753	1.024493852	1.397410144	1.431638102
0.7734	0.69857211	0.71553966	0.976287047	1.024288915	1.397546564	1.431491453
0.7735	0.69864366	0.71546980	0.976482380	1.024084019	1.397683025	1.431344849
0.7736	0.69871520	0.71539994	0.976677751	1.023879165	1.397819527	1.431198290
0.7737	0.69878674	0.71533006	0.976873160	1.023674353	1.397956069	1.431051775
0.7738	0.69885827	0.71526018	0.977068607	1.023469583	1.398092652	1.430905304
0.7739	0.69892979	0.71519029	0.977264092	1.023264855	1.398229275	1.430758877
0.7740	0.69900130	0.71512039	0.977459616	1.023060169	1.398365940	1.430612495
0.7741	0.69907281	0.71505049	0.977655178	1.022855525	1.398502645	1.430466156
0.7742	0.69914431	0.71498058	0.977850778	1.022650922	1.398639390	1.430319862
0.7743	0.69921581	0.71491066	0.978046416	1.022446362	1.398776177	1.430173613
0.7744	0.69928730	0.71484074	0.978242093	1.022241843	1.398913004	1.430027407
0.7745	0.69935878	0.71477080	0.978437808	1.022037366	1.399049872	1.429881246
0.7746	0.69943025	0.71470086	0.978633561	1.021832931	1.399186781	1.429735129
0.7747	0.69950172	0.71463092	0.978829353	1.021628538	1.399323730	1.429589056
0.7748	0.69957318	0.71456096	0.979025182	1.021424186	1.399460720	1.429443027
0.7749	0.69964463	0.71449100	0.979221051	1.021219876	1.399597752	1.429297042

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.7750	0.69971608	0.71442103	0.979416957	1.021015608	1.399734823	1.429151102
0.7751	0.69978751	0.71435106	0.979612902	1.020811382	1.399871936	1.429005205
0.7752	0.69985895	0.71428108	0.979808886	1.020607197	1.400009090	1.428859353
0.7753	0.69993037	0.71421109	0.980004907	1.020403054	1.400146285	1.428713544
0.7754	0.70000179	0.71414109	0.980200967	1.020198952	1.400283520	1.428567780
0.7755	0.70007320	0.71407109	0.980397066	1.019994893	1.400420796	1.428422060
0.7756	0.70014460	0.71400108	0.980593203	1.019790874	1.400558114	1.428276383
0.7757	0.70021600	0.71393106	0.980789379	1.019586898	1.400695472	1.428130751
0.7758	0.70028739	0.71386103	0.980985593	1.019382963	1.400832871	1.427985163
0.7759	0.70035877	0.71379100	0.981181845	1.019179069	1.400970311	1.427839618
0.7760	0.70043015	0.71372096	0.981378136	1.018975218	1.401107793	1.427694118
0.7761	0.70050151	0.71365091	0.981574466	1.018771407	1.401245315	1.427548661
0.7762	0.70057288	0.71358086	0.981770834	1.018567639	1.401382878	1.427403249
0.7763	0.70064423	0.71351080	0.981967241	1.018363911	1.401520482	1.427257880
0.7764	0.70071558	0.71344073	0.982163686	1.018160226	1.401658127	1.427112555
0.7765	0.70078692	0.71337066	0.982360170	1.017956581	1.401795814	1.426967274
0.7766	0.70085825	0.71330057	0.982556692	1.017752978	1.401933541	1.426822037
0.7767	0.70092958	0.71323048	0.982753253	1.017549417	1.402071309	1.426676844
0.7768	0.70100090	0.71316039	0.982949853	1.017345897	1.402209119	1.426531694
0.7769	0.70107221	0.71309028	0.983146491	1.017142419	1.402346970	1.426386588
0.7770	0.70114352	0.71302017	0.983343168	1.016938981	1.402484862	1.426241526
0.7771	0.70121482	0.71295006	0.983539884	1.016735586	1.402622795	1.426096508
0.7772	0.70128611	0.71287993	0.983736639	1.016532231	1.402760769	1.425951534
0.7773	0.70135739	0.71280980	0.983933432	1.016328918	1.402898784	1.425806603
0.7774	0.70142867	0.71273966	0.984130264	1.016125646	1.403036840	1.425661716
0.7775	0.70149994	0.71266951	0.984327134	1.015922416	1.403174938	1.425516873
0.7776	0.70157120	0.71259936	0.984524044	1.015719227	1.403313077	1.425372073
0.7777	0.70164246	0.71252920	0.984720992	1.015516079	1.403451257	1.425227317
0.7778	0.70171371	0.71245903	0.984917979	1.015312972	1.403589479	1.425082605
0.7779	0.70178495	0.71238886	0.985115004	1.015109907	1.403727741	1.424937936
0.7780	0.70185619	0.71231867	0.985312069	1.014906882	1.403866045	1.424793311
0.7781	0.70192741	0.71224848	0.985509172	1.014703899	1.404004391	1.424648730
0.7782	0.70199864	0.71217829	0.985706315	1.014500958	1.404142777	1.424504192
0.7783	0.70206985	0.71210809	0.985903496	1.014298057	1.404281205	1.424359698
0.7784	0.70214106	0.71203787	0.986100716	1.014095197	1.404419674	1.424215247
0.7785	0.70221226	0.71196766	0.986297975	1.013892379	1.404558185	1.424070840
0.7786	0.70228345	0.71189743	0.986495273	1.013689602	1.404696737	1.423926476
0.7787	0.70235464	0.71182720	0.986692609	1.013486866	1.404835330	1.423782156
0.7788	0.70242582	0.71175696	0.986889985	1.013284171	1.404973965	1.423637879
0.7789	0.70249699	0.71168672	0.987087400	1.013081517	1.405112641	1.423493646
0.7790	0.70256815	0.71161646	0.987284853	1.012878904	1.405251359	1.423349456
0.7791	0.70263931	0.71154620	0.987482346	1.012676332	1.405390118	1.423205310
0.7792	0.70271046	0.71147593	0.987679878	1.012473801	1.405528918	1.423061207
0.7793	0.70278161	0.71140566	0.987877448	1.012271311	1.405667760	1.422917147
0.7794	0.70285274	0.71133538	0.988075058	1.012068863	1.405806644	1.422773131
0.7795	0.70292387	0.71126509	0.988272707	1.011866455	1.405945569	1.422629158
0.7796	0.70299500	0.71119479	0.988470395	1.011664088	1.406084535	1.422485229
0.7797	0.70306611	0.71112449	0.988668121	1.011461762	1.406223544	1.422341343
0.7798	0.70313722	0.71105418	0.988865887	1.011259477	1.406362593	1.422197500
0.7799	0.70320832	0.71098386	0.989063693	1.011057233	1.406501684	1.422053701

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.7800	0.70327942	0.71091354	0.989261537	1.010855029	1.406640817	1.421909945
0.7801	0.70335051	0.71084321	0.989459420	1.010652867	1.406779991	1.421766232
0.7802	0.70342159	0.71077287	0.989657343	1.010450746	1.406919207	1.421622562
0.7803	0.70349266	0.71070252	0.989855305	1.010248665	1.407058465	1.421478936
0.7804	0.70356373	0.71063217	0.990053306	1.010046625	1.407197764	1.421335353
0.7805	0.70363479	0.71056181	0.990251346	1.009844626	1.407337105	1.421191813
0.7806	0.70370584	0.71049144	0.990449425	1.009642668	1.407476488	1.421048316
0.7807	0.70377689	0.71042107	0.990647544	1.009440750	1.407615912	1.420904863
0.7808	0.70384792	0.71035069	0.990845702	1.009238874	1.407755378	1.420761452
0.7809	0.70391896	0.71028030	0.991043899	1.009037038	1.407894886	1.420618085
0.7810	0.70398998	0.71020990	0.991242135	1.008835243	1.408034435	1.420474761
0.7811	0.70406100	0.71013950	0.991440411	1.008633488	1.408174026	1.420331480
0.7812	0.70413201	0.71006909	0.991638726	1.008431774	1.408313659	1.420188242
0.7813	0.70420301	0.70999867	0.991837080	1.008230101	1.408453334	1.420045047
0.7814	0.70427401	0.70992825	0.992035474	1.008028469	1.408593051	1.419901896
0.7815	0.70434500	0.70985782	0.992233907	1.007826877	1.408732809	1.419758787
0.7816	0.70441598	0.70978738	0.992432380	1.007625326	1.408872609	1.419615722
0.7817	0.70448696	0.70971694	0.992630892	1.007423815	1.409012451	1.419472699
0.7818	0.70455792	0.70964648	0.992829443	1.007222345	1.409152335	1.419329719
0.7819	0.70462888	0.70957602	0.993028034	1.007020916	1.409292261	1.419186783
0.7820	0.70469984	0.70950556	0.993226664	1.006819527	1.409432228	1.419043889
0.7821	0.70477079	0.70943508	0.993425334	1.006618179	1.409572238	1.418901039
0.7822	0.70484173	0.70936460	0.993624043	1.006416871	1.409712289	1.418758231
0.7823	0.70491266	0.70929412	0.993822791	1.006215604	1.409852383	1.418615466
0.7824	0.70498358	0.70922362	0.994021580	1.006014377	1.409992518	1.418472744
0.7825	0.70505450	0.70915312	0.994220407	1.005813191	1.410132695	1.418330065
0.7826	0.70512542	0.70908261	0.994419274	1.005612045	1.410272914	1.418187429
0.7827	0.70519632	0.70901209	0.994618181	1.005410940	1.410413176	1.418044836
0.7828	0.70526722	0.70894157	0.994817127	1.005209875	1.410553479	1.417902286
0.7829	0.70533811	0.70887104	0.995016113	1.005008850	1.410693824	1.417759778
0.7830	0.70540899	0.70880050	0.995215139	1.004807866	1.410834212	1.417617314
0.7831	0.70547987	0.70872996	0.995414204	1.004606922	1.410974641	1.417474892
0.7832	0.70555074	0.70865941	0.995613309	1.004406019	1.411115112	1.417332513
0.7833	0.70562160	0.70858885	0.995812453	1.004205156	1.411255626	1.417190176
0.7834	0.70569246	0.70851828	0.996011637	1.004004333	1.411396182	1.417047883
0.7835	0.70576330	0.70844771	0.996210861	1.003803551	1.411536779	1.416905632
0.7836	0.70583415	0.70837713	0.996410125	1.003602809	1.411677419	1.416763424
0.7837	0.70590498	0.70830654	0.996609428	1.003402107	1.411818101	1.416621258
0.7838	0.70597581	0.70823595	0.996808771	1.003201446	1.411958826	1.416479135
0.7839	0.70604663	0.70816535	0.997008153	1.003000825	1.412099592	1.416337055
0.7840	0.70611744	0.70809474	0.997207576	1.002800244	1.412240401	1.416195018
0.7841	0.70618825	0.70802413	0.997407038	1.002599703	1.412381251	1.416053023
0.7842	0.70625904	0.70795350	0.997606540	1.002399203	1.412522144	1.415911071
0.7843	0.70632984	0.70788287	0.997806082	1.002198742	1.412663080	1.415769162
0.7844	0.70640062	0.70781224	0.998005663	1.001998322	1.412804057	1.415627295
0.7845	0.70647140	0.70774159	0.998205285	1.001797942	1.412945077	1.415485470
0.7846	0.70654217	0.70767094	0.998404946	1.001597602	1.413086139	1.415343689
0.7847	0.70661293	0.70760028	0.998604647	1.001397303	1.413227243	1.415201949
0.7848	0.70668369	0.70752962	0.998804388	1.001197043	1.413368390	1.415060253
0.7849	0.70675444	0.70745895	0.999004169	1.000996823	1.413509579	1.414918599

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.7850	0.70682518	0.70738827	0.999203990	1.000796644	1.413650810	1.414776987
0.7851	0.70689592	0.70731758	0.999403851	1.000596505	1.413792084	1.414635418
0.7852	0.70696664	0.70724689	0.999603752	1.000396405	1.413933400	1.414493891
0.7853	0.70703737	0.70717619	0.999803692	1.000196346	1.414074759	1.414352407
0.7854	0.70710808	0.70710548	1.000003673	0.999996327	1.414216160	1.414210965
0.7855	0.70717879	0.70703477	1.000203694	0.999796348	1.414357603	1.414069566
0.7856	0.70724949	0.70696405	1.000403755	0.999596408	1.414499089	1.413928209
0.7857	0.70732018	0.70689332	1.000603855	0.999396509	1.414640617	1.413786894
0.7858	0.70739087	0.70682258	1.000803996	0.999196650	1.414782188	1.413645622
0.7859	0.70746154	0.70675184	1.001004177	0.998996830	1.414923801	1.413504392
0.7860	0.70753222	0.70668109	1.001204398	0.998797051	1.415065457	1.413363205
0.7861	0.70760288	0.70661033	1.001404659	0.998597311	1.415207155	1.413222060
0.7862	0.70767354	0.70653957	1.001604960	0.998397611	1.415348896	1.413080957
0.7863	0.70774419	0.70646880	1.001805302	0.998197951	1.415490679	1.412939896
0.7864	0.70781483	0.70639802	1.002005683	0.997998331	1.415632505	1.412798878
0.7865	0.70788547	0.70632724	1.002206105	0.997798751	1.415774373	1.412657902
0.7866	0.70795610	0.70625644	1.002406567	0.997599211	1.415916285	1.412516968
0.7867	0.70802672	0.70618564	1.002607069	0.997399710	1.416058238	1.412376077
0.7868	0.70809733	0.70611484	1.002807611	0.997200250	1.416200235	1.412235228
0.7869	0.70816794	0.70604403	1.003008193	0.997000829	1.416342274	1.412094421
0.7870	0.70823854	0.70597320	1.003208816	0.996801448	1.416484355	1.411953656
0.7871	0.70830914	0.70590238	1.003409479	0.996602106	1.416626479	1.411812933
0.7872	0.70837972	0.70583154	1.003610182	0.996402804	1.416768646	1.411672253
0.7873	0.70845030	0.70576070	1.003810926	0.996203542	1.416910856	1.411531614
0.7874	0.70852088	0.70568985	1.004011709	0.996004320	1.417053109	1.411391018
0.7875	0.70859144	0.70561900	1.004212533	0.995805138	1.417195404	1.411250464
0.7876	0.70866200	0.70554813	1.004413398	0.995605995	1.417337742	1.411109952
0.7877	0.70873255	0.70547727	1.004614303	0.995406891	1.417480122	1.410969482
0.7878	0.70880309	0.70540639	1.004815248	0.995207828	1.417622546	1.410829054
0.7879	0.70887363	0.70533550	1.005016233	0.995008804	1.417765012	1.410688668
0.7880	0.70894416	0.70526461	1.005217259	0.994809819	1.417907521	1.410548325
0.7881	0.70901468	0.70519372	1.005418326	0.994610874	1.418050073	1.410408023
0.7882	0.70908520	0.70512281	1.005619433	0.994411969	1.418192668	1.410267763
0.7883	0.70915571	0.70505190	1.005820580	0.994213103	1.418335306	1.410127545
0.7884	0.70922621	0.70498098	1.006021768	0.994014277	1.418477986	1.409987370
0.7885	0.70929671	0.70491005	1.006222996	0.993815490	1.418620710	1.409847236
0.7886	0.70936719	0.70483912	1.006424265	0.993616743	1.418763476	1.409707144
0.7887	0.70943767	0.70476818	1.006625574	0.993418035	1.418906285	1.409567094
0.7888	0.70950815	0.70469723	1.006826924	0.993219367	1.419049137	1.409427086
0.7889	0.70957861	0.70462628	1.007028314	0.993020738	1.419192032	1.409287120
0.7890	0.70964907	0.70455532	1.007229745	0.992822149	1.419334971	1.409147196
0.7891	0.70971952	0.70448435	1.007431216	0.992623599	1.419477952	1.409007314
0.7892	0.70978997	0.70441337	1.007632728	0.992425089	1.419620976	1.408867473
0.7893	0.70986041	0.70434239	1.007834281	0.992226618	1.419764043	1.408727675
0.7894	0.70993084	0.70427140	1.008035874	0.992028186	1.419907153	1.408587918
0.7895	0.71000126	0.70420040	1.008237508	0.991829794	1.420050307	1.408448203
0.7896	0.71007168	0.70412940	1.008439183	0.991631441	1.420193503	1.408308530
0.7897	0.71014209	0.70405839	1.008640898	0.991433127	1.420336742	1.408168898
0.7898	0.71021249	0.70398737	1.008842654	0.991234853	1.420480025	1.408029309
0.7899	0.71028288	0.70391635	1.009044451	0.991036618	1.420623350	1.407889761

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.7900	0.71035327	0.70384532	1.009246288	0.990838422	1.420766719	1.407750254
0.7901	0.71042365	0.70377428	1.009448167	0.990640266	1.420910131	1.407610790
0.7902	0.71049403	0.70370323	1.009650086	0.990442149	1.421053586	1.407471367
0.7903	0.71056439	0.70363218	1.009852045	0.990244071	1.421197085	1.407331986
0.7904	0.71063475	0.70356112	1.010054046	0.990046032	1.421340626	1.407192647
0.7905	0.71070511	0.70349005	1.010256087	0.989848032	1.421484211	1.407053349
0.7906	0.71077545	0.70341898	1.010458169	0.989650072	1.421627839	1.406914093
0.7907	0.71084579	0.70334790	1.010660292	0.989452151	1.421771510	1.406774879
0.7908	0.71091612	0.70327681	1.010862456	0.989254269	1.421915224	1.406635706
0.7909	0.71098645	0.70320571	1.011064661	0.989056426	1.422058982	1.406496574
0.7910	0.71105676	0.70313461	1.011266906	0.988858622	1.422202783	1.406357485
0.7911	0.71112707	0.70306350	1.011469193	0.988660858	1.422346627	1.406218437
0.7912	0.71119738	0.70299239	1.011671520	0.988463132	1.422490515	1.406079430
0.7913	0.71126767	0.70292126	1.011873889	0.988265446	1.422634446	1.405940465
0.7914	0.71133796	0.70285013	1.012076298	0.988067799	1.422778420	1.405801542
0.7915	0.71140824	0.70277899	1.012278749	0.987870190	1.422922438	1.405662660
0.7916	0.71147852	0.70270785	1.012481240	0.987672621	1.423066499	1.405523819
0.7917	0.71154878	0.70263670	1.012683772	0.987475091	1.423210604	1.405385020
0.7918	0.71161904	0.70256554	1.012886346	0.987277600	1.423354752	1.405246263
0.7919	0.71168930	0.70249437	1.013088960	0.987080148	1.423498943	1.405107547
0.7920	0.71175954	0.70242320	1.013291615	0.986882734	1.423643178	1.404968872
0.7921	0.71182978	0.70235202	1.013494312	0.986685360	1.423787456	1.404830239
0.7922	0.71190001	0.70228084	1.013697050	0.986488025	1.423931778	1.404691647
0.7923	0.71197024	0.70220964	1.013899828	0.986290728	1.424076143	1.404553096
0.7924	0.71204045	0.70213844	1.014102648	0.986093471	1.424220552	1.404414587
0.7925	0.71211066	0.70206723	1.014305509	0.985896252	1.424365004	1.404276120
0.7926	0.71218087	0.70199602	1.014508411	0.985699072	1.424509500	1.404137693
0.7927	0.71225106	0.70192480	1.014711355	0.985501932	1.424654040	1.403999308
0.7928	0.71232125	0.70185357	1.014914339	0.985304830	1.424798623	1.403860964
0.7929	0.71239143	0.70178233	1.015117365	0.985107767	1.424943250	1.403722662
0.7930	0.71246161	0.70171109	1.015320432	0.984910742	1.425087920	1.403584401
0.7931	0.71253178	0.70163984	1.015523540	0.984713757	1.425232634	1.403446181
0.7932	0.71260194	0.70156859	1.015726689	0.984516810	1.425377391	1.403308002
0.7933	0.71267209	0.70149732	1.015929880	0.984319902	1.425522192	1.403169865
0.7934	0.71274224	0.70142605	1.016133112	0.984123033	1.425667037	1.403031769
0.7935	0.71281238	0.70135477	1.016336385	0.983926202	1.425811926	1.402893714
0.7936	0.71288251	0.70128349	1.016539700	0.983729411	1.425956858	1.402755700
0.7937	0.71295263	0.70121220	1.016743056	0.983532658	1.426101834	1.402617727
0.7938	0.71302275	0.70114090	1.016946453	0.983335943	1.426246854	1.402479796
0.7939	0.71309286	0.70106959	1.017149892	0.983139268	1.426391918	1.402341905
0.7940	0.71316296	0.70099828	1.017353372	0.982942631	1.426537025	1.402204056
0.7941	0.71323306	0.70092696	1.017556894	0.982746032	1.426682176	1.402066248
0.7942	0.71330315	0.70085563	1.017760456	0.982549473	1.426827371	1.401928481
0.7943	0.71337323	0.70078430	1.017964061	0.982352952	1.426972610	1.401790755
0.7944	0.71344331	0.70071296	1.018167707	0.982156469	1.427117892	1.401653071
0.7945	0.71351337	0.70064161	1.018371394	0.981960026	1.427263219	1.401515427
0.7946	0.71358343	0.70057026	1.018575123	0.981763620	1.427408589	1.401377824
0.7947	0.71365349	0.70049889	1.018778893	0.981567254	1.427554003	1.401240263
0.7948	0.71372353	0.70042752	1.018982705	0.981370925	1.427699462	1.401102742
0.7949	0.71379357	0.70035615	1.019186558	0.981174636	1.427844964	1.400965262

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.7950	0.71386360	0.70028477	1.019390453	0.980978385	1.427990510	1.400827824
0.7951	0.71393363	0.70021338	1.019594390	0.980782172	1.428136100	1.400690426
0.7952	0.71400365	0.70014198	1.019798368	0.980585998	1.428281734	1.400553069
0.7953	0.71407366	0.70007058	1.020002387	0.980389862	1.428427412	1.400415753
0.7954	0.71414366	0.69999916	1.020206449	0.980193765	1.428573134	1.400278478
0.7955	0.71421366	0.69992775	1.020410552	0.979997706	1.428718899	1.400141244
0.7956	0.71428365	0.69985632	1.020614696	0.979801686	1.428864709	1.400004051
0.7957	0.71435363	0.69978489	1.020818882	0.979605704	1.429010564	1.399866899
0.7958	0.71442360	0.69971345	1.021023110	0.979409760	1.429156462	1.399729788
0.7959	0.71449357	0.69964201	1.021227380	0.979213855	1.429302404	1.399592717
0.7960	0.71456353	0.69957055	1.021431691	0.979017989	1.429448390	1.399455688
0.7961	0.71463349	0.69949909	1.021636045	0.978822160	1.429594421	1.399318699
0.7962	0.71470343	0.69942763	1.021840440	0.978626370	1.429740495	1.399181751
0.7963	0.71477337	0.69935615	1.022044876	0.978430618	1.429886614	1.399044844
0.7964	0.71484330	0.69928467	1.022249355	0.978234905	1.430032777	1.398907977
0.7965	0.71491323	0.69921318	1.022453875	0.978039229	1.430178984	1.398771152
0.7966	0.71498315	0.69914169	1.022658437	0.977843593	1.430325235	1.398634367
0.7967	0.71505306	0.69907019	1.022863041	0.977647994	1.430471531	1.398497622
0.7968	0.71512296	0.69899868	1.023067687	0.977452433	1.430617871	1.398360919
0.7969	0.71519286	0.69892716	1.023272375	0.977256911	1.430764255	1.398224256
0.7970	0.71526275	0.69885564	1.023477104	0.977061427	1.430910683	1.398087634
0.7971	0.71533263	0.69878411	1.023681876	0.976865981	1.431057156	1.397951053
0.7972	0.71540250	0.69871257	1.023886689	0.976670574	1.431203672	1.397814512
0.7973	0.71547237	0.69864103	1.024091544	0.976475204	1.431350234	1.397678012
0.7974	0.71554223	0.69856948	1.024296442	0.976279873	1.431496839	1.397541552
0.7975	0.71561208	0.69849792	1.024501381	0.976084580	1.431643489	1.397405133
0.7976	0.71568193	0.69842636	1.024706362	0.975889325	1.431790183	1.397268755
0.7977	0.71575177	0.69835478	1.024911386	0.975694108	1.431936922	1.397132417
0.7978	0.71582160	0.69828321	1.025116451	0.975498929	1.432083705	1.396996120
0.7979	0.71589143	0.69821162	1.025321558	0.975303788	1.432230532	1.396859864
0.7980	0.71596124	0.69814003	1.025526708	0.975108685	1.432377404	1.396723648
0.7981	0.71603105	0.69806843	1.025731899	0.974913621	1.432524321	1.396587472
0.7982	0.71610086	0.69799682	1.025937133	0.974718594	1.432671282	1.396451337
0.7983	0.71617065	0.69792521	1.026142409	0.974523605	1.432818287	1.396315243
0.7984	0.71624044	0.69785359	1.026347727	0.974328655	1.432965337	1.396179189
0.7985	0.71631022	0.69778196	1.026553087	0.974133742	1.433112431	1.396043175
0.7986	0.71638000	0.69771032	1.026758489	0.973938868	1.433259570	1.395907202
0.7987	0.71644977	0.69763868	1.026963933	0.973744031	1.433406753	1.395771270
0.7988	0.71651953	0.69756703	1.027169420	0.973549232	1.433553981	1.395635378
0.7989	0.71658928	0.69749538	1.027374949	0.973354471	1.433701254	1.395499526
0.7990	0.71665903	0.69742372	1.027580520	0.973159748	1.433848571	1.395363714
0.7991	0.71672876	0.69735205	1.027786133	0.972965063	1.433995933	1.395227943
0.7992	0.71679850	0.69728037	1.027991789	0.972770416	1.434143339	1.395092213
0.7993	0.71686822	0.69720869	1.028197487	0.972575807	1.434290790	1.394956523
0.7994	0.71693794	0.69713700	1.028403227	0.972381235	1.434438286	1.394820873
0.7995	0.71700765	0.69706530	1.028609009	0.972186702	1.434585827	1.394685263
0.7996	0.71707735	0.69699360	1.028814834	0.971992206	1.434733412	1.394549694
0.7997	0.71714705	0.69692188	1.029020701	0.971797748	1.434881042	1.394414165
0.7998	0.71721674	0.69685017	1.029226611	0.971603328	1.435028716	1.394278676
0.7999	0.71728642	0.69677844	1.029432563	0.971408945	1.435176436	1.394143228

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.8000	0.71735609	0.69670671	1.029638557	0.971214601	1.435324200	1.394007819
0.8001	0.71742576	0.69663497	1.029844594	0.971020294	1.435472009	1.393872451
0.8002	0.71749542	0.69656322	1.030050673	0.970826025	1.435619862	1.393737124
0.8003	0.71756507	0.69649147	1.030256795	0.970631793	1.435767761	1.393601836
0.8004	0.71763472	0.69641971	1.030462959	0.970437599	1.435915704	1.393466589
0.8005	0.71770435	0.69634794	1.030669165	0.970243443	1.436063692	1.393331382
0.8006	0.71777399	0.69627617	1.030875415	0.970049325	1.436211726	1.393196215
0.8007	0.71784361	0.69620439	1.031081706	0.969855244	1.436359804	1.393061088
0.8008	0.71791323	0.69613260	1.031288041	0.969661201	1.436507926	1.392926001
0.8009	0.71798284	0.69606081	1.031494417	0.969467196	1.436656094	1.392790955
0.8010	0.71805244	0.69598901	1.031700837	0.969273228	1.436804307	1.392655948
0.8011	0.71812203	0.69591720	1.031907299	0.969079297	1.436952565	1.392520982
0.8012	0.71819162	0.69584538	1.032113803	0.968885405	1.437100867	1.392386055
0.8013	0.71826120	0.69577356	1.032320350	0.968691550	1.437249215	1.392251169
0.8014	0.71833078	0.69570173	1.032526940	0.968497732	1.437397608	1.392116323
0.8015	0.71840034	0.69562989	1.032733573	0.968303952	1.437546045	1.391981517
0.8016	0.71846990	0.69555805	1.032940248	0.968110210	1.437694528	1.391846751
0.8017	0.71853946	0.69548620	1.033146966	0.967916505	1.437843056	1.391712025
0.8018	0.71860900	0.69541434	1.033353727	0.967722837	1.437991629	1.391577339
0.8019	0.71867854	0.69534248	1.033560530	0.967529207	1.438140247	1.391442693
0.8020	0.71874807	0.69527060	1.033767376	0.967335615	1.438288910	1.391308086
0.8021	0.71881759	0.69519873	1.033974265	0.967142059	1.438437618	1.391173520
0.8022	0.71888711	0.69512684	1.034181197	0.966948542	1.438586371	1.391038994
0.8023	0.71895662	0.69505495	1.034388171	0.966755062	1.438735170	1.390904508
0.8024	0.71902612	0.69498305	1.034595188	0.966561619	1.438884013	1.390770061
0.8025	0.71909561	0.69491114	1.034802249	0.966368213	1.439032902	1.390635655
0.8026	0.71916510	0.69483923	1.035009352	0.966174845	1.439181836	1.390501288
0.8027	0.71923458	0.69476731	1.035216497	0.965981514	1.439330816	1.390366961
0.8028	0.71930406	0.69469538	1.035423686	0.965788221	1.439479840	1.390232674
0.8029	0.71937352	0.69462345	1.035630918	0.965594965	1.439628910	1.390098427
0.8030	0.71944298	0.69455151	1.035838192	0.965401746	1.439778025	1.389964220
0.8031	0.71951243	0.69447956	1.036045510	0.965208565	1.439927185	1.389830052
0.8032	0.71958188	0.69440761	1.036252871	0.965015421	1.440076391	1.389695924
0.8033	0.71965131	0.69433564	1.036460274	0.964822314	1.440225642	1.389561837
0.8034	0.71972074	0.69426368	1.036667721	0.964629244	1.440374938	1.389427788
0.8035	0.71979017	0.69419170	1.036875210	0.964436212	1.440524280	1.389293780
0.8036	0.71985958	0.69411972	1.037082743	0.964243217	1.440673667	1.389159811
0.8037	0.71992899	0.69404773	1.037290318	0.964050259	1.440823100	1.389025882
0.8038	0.71999839	0.69397573	1.037497937	0.963857338	1.440972577	1.388891993
0.8039	0.72006778	0.69390373	1.037705599	0.963664455	1.441122101	1.388758144
0.8040	0.72013717	0.69383172	1.037913303	0.963471609	1.441271670	1.388624334
0.8041	0.72020655	0.69375970	1.038121051	0.963278799	1.441421284	1.388490564
0.8042	0.72027592	0.69368768	1.038328842	0.963086027	1.441570943	1.388356833
0.8043	0.72034529	0.69361565	1.038536677	0.962893292	1.441720649	1.388223142
0.8044	0.72041465	0.69354361	1.038744554	0.962700595	1.441870399	1.388089491
0.8045	0.72048400	0.69347156	1.038952475	0.962507934	1.442020196	1.387955879
0.8046	0.72055334	0.69339951	1.039160439	0.962315310	1.442170038	1.387822307
0.8047	0.72062268	0.69332745	1.039368446	0.962122724	1.442319925	1.387688775
0.8048	0.72069201	0.69325539	1.039576496	0.961930174	1.442469858	1.387555282
0.8049	0.72076133	0.69318331	1.039784590	0.961737662	1.442619836	1.387421829

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.8050	0.72083064	0.69311124	1.039992726	0.961545186	1.442769861	1.387288415
0.8051	0.72089995	0.69303915	1.040200907	0.961352748	1.442919931	1.387155040
0.8052	0.72096925	0.69296706	1.040409130	0.961160347	1.443070046	1.387021706
0.8053	0.72103854	0.69289495	1.040617397	0.960967982	1.443220207	1.386888410
0.8054	0.72110783	0.69282285	1.040825707	0.960775655	1.443370414	1.386755155
0.8055	0.72117711	0.69275073	1.041034060	0.960583364	1.443520667	1.386621938
0.8056	0.72124638	0.69267861	1.041242457	0.960391111	1.443670965	1.386488761
0.8057	0.72131564	0.69260648	1.041450898	0.960198894	1.443821309	1.386355624
0.8058	0.72138490	0.69253435	1.041659381	0.960006714	1.443971699	1.386222526
0.8059	0.72145415	0.69246221	1.041867908	0.959814571	1.444122134	1.386089467
0.8060	0.72152339	0.69239006	1.042076479	0.959622465	1.444272616	1.385956448
0.8061	0.72159263	0.69231790	1.042285093	0.959430396	1.444423143	1.385823468
0.8062	0.72166186	0.69224574	1.042493751	0.959238364	1.444573716	1.385690528
0.8063	0.72173108	0.69217357	1.042702452	0.959046369	1.444724335	1.385557627
0.8064	0.72180029	0.69210139	1.042911196	0.958854410	1.444874999	1.385424765
0.8065	0.72186950	0.69202921	1.043119985	0.958662488	1.445025710	1.385291943
0.8066	0.72193870	0.69195702	1.043328816	0.958470603	1.445176466	1.385159160
0.8067	0.72200789	0.69188482	1.043537692	0.958278755	1.445327269	1.385026416
0.8068	0.72207707	0.69181262	1.043746610	0.958086944	1.445478117	1.384893711
0.8069	0.72214625	0.69174041	1.043955573	0.957895169	1.445629011	1.384761046
0.8070	0.72221542	0.69166819	1.044164579	0.957703431	1.445779952	1.384628420
0.8071	0.72228459	0.69159596	1.044373629	0.957511730	1.445930938	1.384495833
0.8072	0.72235374	0.69152373	1.044582722	0.957320065	1.446081970	1.384363286
0.8073	0.72242289	0.69145149	1.044791859	0.957128438	1.446233048	1.384230778
0.8074	0.72249203	0.69137925	1.045001040	0.956936846	1.446384172	1.384098309
0.8075	0.72256117	0.69130699	1.045210265	0.956745292	1.446535343	1.383965879
0.8076	0.72263029	0.69123473	1.045419533	0.956553774	1.446686559	1.383833488
0.8077	0.72269941	0.69116247	1.045628845	0.956362293	1.446837822	1.383701137
0.8078	0.72276853	0.69109019	1.045838201	0.956170848	1.446989130	1.383568824
0.8079	0.72283763	0.69101791	1.046047601	0.955979440	1.447140485	1.383436551
0.8080	0.72290673	0.69094563	1.046257044	0.955788069	1.447291886	1.383304317
0.8081	0.72297582	0.69087333	1.046466532	0.955596734	1.447443333	1.383172122
0.8082	0.72304490	0.69080103	1.046676063	0.955405436	1.447594826	1.383039966
0.8083	0.72311398	0.69072872	1.046885638	0.955214174	1.447746365	1.382907849
0.8084	0.72318305	0.69065641	1.047095257	0.955022949	1.447897951	1.382775771
0.8085	0.72325211	0.69058409	1.047304919	0.954831760	1.448049583	1.382643732
0.8086	0.72332117	0.69051176	1.047514626	0.954640608	1.448201261	1.382511733
0.8087	0.72339021	0.69043942	1.047724377	0.954449493	1.448352985	1.382379772
0.8088	0.72345925	0.69036708	1.047934171	0.954258414	1.448504756	1.382247850
0.8089	0.72352829	0.69029473	1.048144010	0.954067371	1.448656573	1.382115968
0.8090	0.72359731	0.69022238	1.048353893	0.953876365	1.448808436	1.381984124
0.8091	0.72366633	0.69015001	1.048563819	0.953685395	1.448960346	1.381852319
0.8092	0.72373534	0.69007764	1.048773790	0.953494461	1.449112302	1.381720554
0.8093	0.72380435	0.69000527	1.048983805	0.953303565	1.449264304	1.381588827
0.8094	0.72387334	0.68993288	1.049193863	0.953112704	1.449416352	1.381457139
0.8095	0.72394233	0.68986049	1.049403966	0.952921880	1.449568448	1.381325490
0.8096	0.72401132	0.68978809	1.049614113	0.952731092	1.449720589	1.381193880
0.8097	0.72408029	0.68971569	1.049824304	0.952540340	1.449872777	1.381062309
0.8098	0.72414926	0.68964328	1.050034539	0.952349625	1.450025011	1.380930776
0.8099	0.72421822	0.68957086	1.050244819	0.952158946	1.450177292	1.380799283

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.8100	0.72428717	0.68949843	1.050455142	0.951968304	1.450329620	1.380667828
0.8101	0.72435612	0.68942600	1.050665510	0.951777698	1.450481994	1.380536412
0.8102	0.72442506	0.68935356	1.050875922	0.951587128	1.450634414	1.380405035
0.8103	0.72449399	0.68928112	1.051086378	0.951396594	1.450786881	1.380273697
0.8104	0.72456292	0.68920866	1.051296878	0.951206097	1.450939394	1.380142398
0.8105	0.72463183	0.68913620	1.051507423	0.951015635	1.451091954	1.380011137
0.8106	0.72470074	0.68906374	1.051718012	0.950825211	1.451244561	1.379879915
0.8107	0.72476965	0.68899126	1.051928645	0.950634822	1.451397215	1.379748732
0.8108	0.72483854	0.68891878	1.052139323	0.950444469	1.451549914	1.379617588
0.8109	0.72490743	0.68884630	1.052350044	0.950254153	1.451702661	1.379486482
0.8110	0.72497631	0.68877380	1.052560811	0.950063873	1.451855454	1.379355415
0.8111	0.72504518	0.68870130	1.052771621	0.949873629	1.452008294	1.379224387
0.8112	0.72511405	0.68862879	1.052982476	0.949683421	1.452161181	1.379093398
0.8113	0.72518291	0.68855628	1.053193376	0.949493249	1.452314114	1.378962447
0.8114	0.72525176	0.68848376	1.053404320	0.949303113	1.452467094	1.378831535
0.8115	0.72532061	0.68841123	1.053615308	0.949113014	1.452620121	1.378700661
0.8116	0.72538944	0.68833869	1.053826341	0.948922950	1.452773195	1.378569826
0.8117	0.72545827	0.68826615	1.054037418	0.948732923	1.452926316	1.378439030
0.8118	0.72552710	0.68819360	1.054248540	0.948542931	1.453079483	1.378308272
0.8119	0.72559591	0.68812104	1.054459706	0.948352976	1.453232697	1.378177553
0.8120	0.72566472	0.68804848	1.054670917	0.948163057	1.453385958	1.378046872
0.8121	0.72573352	0.68797591	1.054882172	0.947973173	1.453539266	1.377916230
0.8122	0.72580232	0.68790333	1.055093472	0.947783326	1.453692620	1.377785627
0.8123	0.72587110	0.68783075	1.055304817	0.947593515	1.453846022	1.377655062
0.8124	0.72593988	0.68775816	1.055516206	0.947403739	1.453999471	1.377524535
0.8125	0.72600866	0.68768556	1.055727639	0.947214000	1.454152966	1.377394047
0.8126	0.72607742	0.68761296	1.055939118	0.947024296	1.454306508	1.377263598
0.8127	0.72614618	0.68754035	1.056150641	0.946834629	1.454460098	1.377133187
0.8128	0.72621493	0.68746773	1.056362209	0.946644997	1.454613734	1.377002814
0.8129	0.72628367	0.68739510	1.056573821	0.946455401	1.454767418	1.376872480
0.8130	0.72635241	0.68732247	1.056785478	0.946265842	1.454921148	1.376742185
0.8131	0.72642114	0.68724983	1.056997180	0.946076318	1.455074926	1.376611927
0.8132	0.72648986	0.68717719	1.057208927	0.945886829	1.455228750	1.376481709
0.8133	0.72655857	0.68710454	1.057420718	0.945697377	1.455382622	1.376351528
0.8134	0.72662728	0.68703188	1.057632555	0.945507961	1.455536540	1.376221386
0.8135	0.72669598	0.68695921	1.057844436	0.945318580	1.455690506	1.376091283
0.8136	0.72676467	0.68688654	1.058056362	0.945129235	1.455844519	1.375961217
0.8137	0.72683336	0.68681386	1.058268332	0.944939926	1.455998579	1.375831190
0.8138	0.72690203	0.68674117	1.058480348	0.944750653	1.456152687	1.375701202
0.8139	0.72697070	0.68666848	1.058692409	0.944561416	1.456306841	1.375571251
0.8140	0.72703937	0.68659578	1.058904514	0.944372214	1.456461043	1.375441339
0.8141	0.72710802	0.68652307	1.059116664	0.944183048	1.456615292	1.375311466
0.8142	0.72717667	0.68645035	1.059328860	0.943993917	1.456769588	1.375181630
0.8143	0.72724531	0.68637763	1.059541100	0.943804823	1.456923932	1.375051833
0.8144	0.72731395	0.68630491	1.059753385	0.943615764	1.457078322	1.374922074
0.8145	0.72738257	0.68623217	1.059965715	0.943426741	1.457232760	1.374792353
0.8146	0.72745119	0.68615943	1.060178091	0.943237753	1.457387246	1.374662671
0.8147	0.72751981	0.68608668	1.060390511	0.943048801	1.457541778	1.374533027
0.8148	0.72758841	0.68601392	1.060602976	0.942859885	1.457696358	1.374403421
0.8149	0.72765701	0.68594116	1.060815487	0.942671004	1.457850986	1.374273853

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.8150	0.72772560	0.68586839	1.061028042	0.942482159	1.458005660	1.374144323
0.8151	0.72779418	0.68579562	1.061240643	0.942293350	1.458160383	1.374014831
0.8152	0.72786276	0.68572283	1.061453288	0.942104576	1.458315152	1.373885378
0.8153	0.72793133	0.68565004	1.061665979	0.941915837	1.458469969	1.373755963
0.8154	0.72799989	0.68557725	1.061878715	0.941727135	1.458624834	1.373626585
0.8155	0.72806844	0.68550444	1.062091497	0.941538467	1.458779746	1.373497246
0.8156	0.72813699	0.68543163	1.062304323	0.941349836	1.458934705	1.373367945
0.8157	0.72820553	0.68535882	1.062517195	0.941161240	1.459089712	1.373238682
0.8158	0.72827406	0.68528599	1.062730112	0.940972679	1.459244767	1.373109458
0.8159	0.72834259	0.68521316	1.062943074	0.940784154	1.459399869	1.372980271
0.8160	0.72841110	0.68514033	1.063156081	0.940595664	1.459555019	1.372851122
0.8161	0.72847961	0.68506748	1.063369134	0.940407210	1.459710216	1.372722011
0.8162	0.72854812	0.68499463	1.063582232	0.940218791	1.459865461	1.372592938
0.8163	0.72861661	0.68492177	1.063795375	0.940030407	1.460020753	1.372463904
0.8164	0.72868510	0.68484891	1.064008564	0.939842059	1.460176094	1.372334907
0.8165	0.72875358	0.68477603	1.064221798	0.939653747	1.460331481	1.372205948
0.8166	0.72882206	0.68470316	1.064435078	0.939465469	1.460486917	1.372077027
0.8167	0.72889052	0.68463027	1.064648403	0.939277228	1.460642400	1.371948144
0.8168	0.72895898	0.68455738	1.064861773	0.939089021	1.460797931	1.371819299
0.8169	0.72902743	0.68448448	1.065075189	0.938900850	1.460953510	1.371690492
0.8170	0.72909588	0.68441157	1.065288650	0.938712714	1.461109136	1.371561723
0.8171	0.72916432	0.68433866	1.065502157	0.938524614	1.461264810	1.371432992
0.8172	0.72923275	0.68426574	1.065715709	0.938336548	1.461420532	1.371304298
0.8173	0.72930117	0.68419281	1.065929307	0.938148519	1.461576302	1.371175643
0.8174	0.72936959	0.68411988	1.066142950	0.937960524	1.461732120	1.371047025
0.8175	0.72943799	0.68404694	1.066356639	0.937772565	1.461887985	1.370918445
0.8176	0.72950639	0.68397399	1.066570373	0.937584640	1.462043899	1.370789903
0.8177	0.72957479	0.68390104	1.066784153	0.937396752	1.462199860	1.370661399
0.8178	0.72964317	0.68382808	1.066997979	0.937208898	1.462355869	1.370532932
0.8179	0.72971155	0.68375511	1.067211850	0.937021079	1.462511926	1.370404504
0.8180	0.72977993	0.68368213	1.067425767	0.936833296	1.462668031	1.370276113
0.8181	0.72984829	0.68360915	1.067639730	0.936645548	1.462824184	1.370147760
0.8182	0.72991665	0.68353616	1.067853738	0.936457835	1.462980385	1.370019444
0.8183	0.72998500	0.68346317	1.068067792	0.936270157	1.463136634	1.369891166
0.8184	0.73005334	0.68339017	1.068281892	0.936082515	1.463292931	1.369762926
0.8185	0.73012168	0.68331716	1.068496037	0.935894907	1.463449276	1.369634724
0.8186	0.73019000	0.68324414	1.068710229	0.935707335	1.463605669	1.369506560
0.8187	0.73025832	0.68317112	1.068924466	0.935519798	1.463762110	1.369378433
0.8188	0.73032664	0.68309809	1.069138749	0.935332296	1.463918599	1.369250343
0.8189	0.73039494	0.68302505	1.069353077	0.935144828	1.464075136	1.369122292
0.8190	0.73046324	0.68295201	1.069567452	0.934957396	1.464231721	1.368994278
0.8191	0.73053153	0.68287896	1.069781872	0.934769999	1.464388355	1.368866302
0.8192	0.73059982	0.68280591	1.069996338	0.934582637	1.464545037	1.368738363
0.8193	0.73066810	0.68273284	1.070210851	0.934395310	1.464701767	1.368610462
0.8194	0.73073637	0.68265977	1.070425409	0.934208018	1.464858545	1.368482598
0.8195	0.73080463	0.68258669	1.070640013	0.934020761	1.465015371	1.368354772
0.8196	0.73087288	0.68251361	1.070854663	0.933833540	1.465172245	1.368226984
0.8197	0.73094113	0.68244052	1.071069359	0.933646352	1.465329168	1.368099233
0.8198	0.73100937	0.68236742	1.071284101	0.933459200	1.465486139	1.367971520
0.8199	0.73107760	0.68229432	1.071498889	0.933272083	1.465643159	1.367843844

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.8200	0.73114583	0.68222121	1.071713723	0.933085001	1.465800226	1.367716206
0.8201	0.73121405	0.68214809	1.071928603	0.932897954	1.465957342	1.367588605
0.8202	0.73128226	0.68207496	1.072143529	0.932710941	1.466114507	1.367461042
0.8203	0.73135046	0.68200183	1.072358501	0.932523964	1.466271719	1.367333516
0.8204	0.73141866	0.68192869	1.072573519	0.932337021	1.466428980	1.367206027
0.8205	0.73148685	0.68185555	1.072788584	0.932150113	1.466586290	1.367078576
0.8206	0.73155503	0.68178240	1.073003694	0.931963240	1.466743648	1.366951163
0.8207	0.73162321	0.68170924	1.073218851	0.931776402	1.466901054	1.366823787
0.8208	0.73169137	0.68163607	1.073434054	0.931589599	1.467058509	1.366696448
0.8209	0.73175953	0.68156290	1.073649303	0.931402830	1.467216012	1.366569147
0.8210	0.73182769	0.68148972	1.073864599	0.931216097	1.467373564	1.366441883
0.8211	0.73189583	0.68141653	1.074079940	0.931029398	1.467531164	1.366314656
0.8212	0.73196397	0.68134334	1.074295328	0.930842733	1.467688813	1.366187467
0.8213	0.73203210	0.68127014	1.074510763	0.930656104	1.467846511	1.366060315
0.8214	0.73210022	0.68119693	1.074726243	0.930469509	1.468004257	1.365933200
0.8215	0.73216834	0.68112372	1.074941770	0.930282949	1.468162051	1.365806123
0.8216	0.73223645	0.68105050	1.075157343	0.930096424	1.468319894	1.365679083
0.8217	0.73230455	0.68097727	1.075372962	0.929909933	1.468477786	1.365552080
0.8218	0.73237264	0.68090404	1.075588628	0.929723478	1.468635727	1.365425115
0.8219	0.73244073	0.68083080	1.075804341	0.929537056	1.468793716	1.365298187
0.8220	0.73250881	0.68075755	1.076020099	0.929350670	1.468951754	1.365171296
0.8221	0.73257688	0.68068430	1.076235905	0.929164318	1.469109840	1.365044442
0.8222	0.73264495	0.68061104	1.076451756	0.928978000	1.469267975	1.364917626
0.8223	0.73271300	0.68053777	1.076667654	0.928791718	1.469426159	1.364790847
0.8224	0.73278105	0.68046449	1.076883599	0.928605470	1.469584392	1.364664105
0.8225	0.73284910	0.68039121	1.077099590	0.928419256	1.469742674	1.364537400
0.8226	0.73291713	0.68031792	1.077315628	0.928233077	1.469901004	1.364410732
0.8227	0.73298516	0.68024463	1.077531712	0.928046933	1.470059383	1.364284101
0.8228	0.73305318	0.68017133	1.077747842	0.927860823	1.470217811	1.364157508
0.8229	0.73312119	0.68009802	1.077964020	0.927674748	1.470376288	1.364030952
0.8230	0.73318920	0.68002470	1.078180244	0.927488707	1.470534814	1.363904433
0.8231	0.73325720	0.67995138	1.078396514	0.927302701	1.470693388	1.363777951
0.8232	0.73332519	0.67987805	1.078612832	0.927116729	1.470852012	1.363651506
0.8233	0.73339317	0.67980472	1.078829195	0.926930791	1.471010684	1.363525098
0.8234	0.73346115	0.67973137	1.079045606	0.926744889	1.471169406	1.363398727
0.8235	0.73352912	0.67965802	1.079262063	0.926559020	1.471328176	1.363272393
0.8236	0.73359708	0.67958467	1.079478567	0.926373186	1.471486995	1.363146096
0.8237	0.73366504	0.67951130	1.079695118	0.926187387	1.471645864	1.363019837
0.8238	0.73373299	0.67943793	1.079911716	0.926001622	1.471804781	1.362893614
0.8239	0.73380093	0.67936456	1.080128360	0.925815891	1.471963748	1.362767428
0.8240	0.73386886	0.67929117	1.080345051	0.925630195	1.472122763	1.362641280
0.8241	0.73393678	0.67921778	1.080561789	0.925444533	1.472281828	1.362515168
0.8242	0.73400470	0.67914439	1.080778574	0.925258905	1.472440941	1.362389093
0.8243	0.73407261	0.67907098	1.080995406	0.925073312	1.472600104	1.362263056
0.8244	0.73414052	0.67899757	1.081212284	0.924887753	1.472759316	1.362137055
0.8245	0.73420841	0.67892415	1.081429210	0.924702228	1.472918577	1.362011091
0.8246	0.73427630	0.67885073	1.081646182	0.924516738	1.473077888	1.361885164
0.8247	0.73434418	0.67877730	1.081863201	0.924331282	1.473237247	1.361759274
0.8248	0.73441206	0.67870386	1.082080268	0.924145861	1.473396656	1.361633420
0.8249	0.73447992	0.67863042	1.082297381	0.923960473	1.473556114	1.361507604

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.8250	0.73454778	0.67855697	1.082514541	0.923775120	1.473715621	1.361381825
0.8251	0.73461563	0.67848351	1.082731748	0.923589801	1.473875178	1.361256082
0.8252	0.73468348	0.67841004	1.082949003	0.923404516	1.474034783	1.361130376
0.8253	0.73475132	0.67833657	1.083166304	0.923219266	1.474194438	1.361004707
0.8254	0.73481915	0.67826309	1.083383653	0.923034050	1.474354143	1.360879075
0.8255	0.73488697	0.67818961	1.083601048	0.922848867	1.474513897	1.360753480
0.8256	0.73495478	0.67811611	1.083818491	0.922663720	1.474673700	1.360627921
0.8257	0.73502259	0.67804262	1.084035981	0.922478606	1.474833552	1.360502399
0.8258	0.73509039	0.67796911	1.084253518	0.922293526	1.474993454	1.360376914
0.8259	0.73515819	0.67789560	1.084471102	0.922108481	1.475153406	1.360251466
0.8260	0.73522597	0.67782208	1.084688733	0.921923469	1.475313407	1.360126054
0.8261	0.73529375	0.67774855	1.084906412	0.921738492	1.475473457	1.360000679
0.8262	0.73536152	0.67767502	1.085124138	0.921553549	1.475633557	1.359875341
0.8263	0.73542929	0.67760148	1.085341911	0.921368640	1.475793706	1.359750040
0.8264	0.73549704	0.67752793	1.085559731	0.921183765	1.475953905	1.359624775
0.8265	0.73556479	0.67745438	1.085777599	0.920998924	1.476114153	1.359499547
0.8266	0.73563253	0.67738082	1.085995514	0.920814117	1.476274451	1.359374355
0.8267	0.73570027	0.67730725	1.086213476	0.920629344	1.476434799	1.359249201
0.8268	0.73576799	0.67723368	1.086431486	0.920444605	1.476595196	1.359124083
0.8269	0.73583571	0.67716010	1.086649543	0.920259901	1.476755643	1.358999001
0.8270	0.73590343	0.67708651	1.086867647	0.920075230	1.476916139	1.358873956
0.8271	0.73597113	0.67701292	1.087085799	0.919890593	1.477076685	1.358748948
0.8272	0.73603883	0.67693932	1.087303998	0.919705990	1.477237281	1.358623976
0.8273	0.73610652	0.67686571	1.087522245	0.919521421	1.477397926	1.358499041
0.8274	0.73617420	0.67679210	1.087740539	0.919336886	1.477558622	1.358374142
0.8275	0.73624188	0.67671848	1.087958881	0.919152385	1.477719366	1.358249280
0.8276	0.73630955	0.67664485	1.088177270	0.918967918	1.477880161	1.358124455
0.8277	0.73637721	0.67657122	1.088395707	0.918783485	1.478041006	1.357999666
0.8278	0.73644486	0.67649757	1.088614191	0.918599085	1.478201900	1.357874913
0.8279	0.73651251	0.67642393	1.088832723	0.918414720	1.478362844	1.357750197
0.8280	0.73658014	0.67635027	1.089051302	0.918230388	1.478523838	1.357625517
0.8281	0.73664778	0.67627661	1.089269929	0.918046090	1.478684882	1.357500874
0.8282	0.73671540	0.67620294	1.089488604	0.917861826	1.478845975	1.357376268
0.8283	0.73678302	0.67612927	1.089707326	0.917677596	1.479007119	1.357251698
0.8284	0.73685063	0.67605559	1.089926097	0.917493400	1.479168312	1.357127164
0.8285	0.73691823	0.67598190	1.090144914	0.917309237	1.479329556	1.357002667
0.8286	0.73698582	0.67590820	1.090363780	0.917125109	1.479490849	1.356878206
0.8287	0.73705341	0.67583450	1.090582693	0.916941014	1.479652192	1.356753781
0.8288	0.73712099	0.67576079	1.090801654	0.916756953	1.479813586	1.356629393
0.8289	0.73718856	0.67568708	1.091020663	0.916572925	1.479975029	1.356505041
0.8290	0.73725613	0.67561335	1.091239719	0.916388931	1.480136522	1.356380726
0.8291	0.73732368	0.67553962	1.091458823	0.916204971	1.480298066	1.356256447
0.8292	0.73739123	0.67546589	1.091677976	0.916021045	1.480459659	1.356132204
0.8293	0.73745878	0.67539215	1.091897176	0.915837152	1.480621303	1.356007998
0.8294	0.73752631	0.67531840	1.092116423	0.915653293	1.480782996	1.355883828
0.8295	0.73759384	0.67524464	1.092335719	0.915469468	1.480944740	1.355759694
0.8296	0.73766136	0.67517088	1.092555063	0.915285677	1.481106534	1.355635596
0.8297	0.73772888	0.67509711	1.092774455	0.915101919	1.481268378	1.355511535
0.8298	0.73779638	0.67502333	1.092993894	0.914918194	1.481430273	1.355387510
0.8299	0.73786388	0.67494955	1.093213382	0.914734504	1.481592217	1.355263521

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.8300	0.73793137	0.67487576	1.093432917	0.914550846	1.481754212	1.355139569
0.8301	0.73799885	0.67480196	1.093652501	0.914367223	1.481916257	1.355015652
0.8302	0.73806633	0.67472816	1.093872132	0.914183633	1.482078352	1.354891772
0.8303	0.73813380	0.67465435	1.094091812	0.914000077	1.482240498	1.354767928
0.8304	0.73820126	0.67458053	1.094311540	0.913816554	1.482402694	1.354644121
0.8305	0.73826872	0.67450671	1.094531316	0.913633064	1.482564940	1.354520349
0.8306	0.73833616	0.67443288	1.094751140	0.913449609	1.482727236	1.354396614
0.8307	0.73840360	0.67435904	1.094971012	0.913266186	1.482889583	1.354272915
0.8308	0.73847104	0.67428520	1.095190932	0.913082798	1.483051981	1.354149251
0.8309	0.73853846	0.67421135	1.095410900	0.912899442	1.483214428	1.354025625
0.8310	0.73860588	0.67413749	1.095630917	0.912716121	1.483376926	1.353902034
0.8311	0.73867329	0.67406363	1.095850982	0.912532832	1.483539475	1.353778479
0.8312	0.73874069	0.67398976	1.096071095	0.912349577	1.483702074	1.353654960
0.8313	0.73880809	0.67391588	1.096291256	0.912166356	1.483864724	1.353531478
0.8314	0.73887547	0.67384200	1.096511466	0.911983168	1.484027424	1.353408031
0.8315	0.73894285	0.67376810	1.096731724	0.911800013	1.484190174	1.353284620
0.8316	0.73901023	0.67369421	1.096952030	0.911616892	1.484352975	1.353161246
0.8317	0.73907759	0.67362030	1.097172384	0.911433804	1.484515827	1.353037908
0.8318	0.73914495	0.67354639	1.097392787	0.911250750	1.484678729	1.352914605
0.8319	0.73921230	0.67347247	1.097613239	0.911067729	1.484841682	1.352791339
0.8320	0.73927965	0.67339855	1.097833738	0.910884741	1.485004686	1.352668108
0.8321	0.73934698	0.67332462	1.098054286	0.910701786	1.485167740	1.352544914
0.8322	0.73941431	0.67325068	1.098274883	0.910518865	1.485330845	1.352421755
0.8323	0.73948163	0.67317673	1.098495528	0.910335977	1.485494000	1.352298633
0.8324	0.73954895	0.67310278	1.098716221	0.910153123	1.485657206	1.352175546
0.8325	0.73961625	0.67302882	1.098936963	0.909970302	1.485820463	1.352052495
0.8326	0.73968355	0.67295486	1.099157754	0.909787514	1.485983771	1.351929480
0.8327	0.73975084	0.67288089	1.099378593	0.909604759	1.486147129	1.351806502
0.8328	0.73981813	0.67280691	1.099599481	0.909422038	1.486310539	1.351683558
0.8329	0.73988541	0.67273292	1.099820417	0.909239349	1.486473999	1.351560651
0.8330	0.73995267	0.67265893	1.100041402	0.909056694	1.486637510	1.351437780
0.8331	0.74001994	0.67258493	1.100262435	0.908874072	1.486801071	1.351314945
0.8332	0.74008719	0.67251093	1.100483517	0.908691484	1.486964684	1.351192145
0.8333	0.74015444	0.67243692	1.100704648	0.908508928	1.487128347	1.351069381
0.8334	0.74022168	0.67236290	1.100925827	0.908326406	1.487292062	1.350946653
0.8335	0.74028891	0.67228887	1.101147055	0.908143917	1.487455827	1.350823961
0.8336	0.74035614	0.67221484	1.101368332	0.907961461	1.487619643	1.350701305
0.8337	0.74042335	0.67214080	1.101589658	0.907779038	1.487783510	1.350578684
0.8338	0.74049056	0.67206676	1.101811032	0.907596649	1.487947429	1.350456099
0.8339	0.74055777	0.67199270	1.102032455	0.907414292	1.488111398	1.350333550
0.8340	0.74062496	0.67191864	1.102253927	0.907231968	1.488275418	1.350211037
0.8341	0.74069215	0.67184458	1.102475448	0.907049678	1.488439489	1.350088559
0.8342	0.74075933	0.67177051	1.102697018	0.906867421	1.488603612	1.349966118
0.8343	0.74082651	0.67169643	1.102918636	0.906685196	1.488767785	1.349843711
0.8344	0.74089367	0.67162234	1.103140304	0.906503005	1.488932010	1.349721341
0.8345	0.74096083	0.67154825	1.103362020	0.906320847	1.489096285	1.349599006
0.8346	0.74102798	0.67147415	1.103583785	0.906138721	1.489260612	1.349476707
0.8347	0.74109513	0.67140004	1.103805599	0.905956629	1.489424990	1.349354443
0.8348	0.74116226	0.67132593	1.104027462	0.905774570	1.489589419	1.349232216
0.8349	0.74122939	0.67125181	1.104249375	0.905592544	1.489753900	1.349110023

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.8350	0.74129651	0.67117768	1.104471336	0.905410550	1.489918431	1.348987867
0.8351	0.74136363	0.67110355	1.104693346	0.905228590	1.490083014	1.348865746
0.8352	0.74143073	0.67102941	1.104915405	0.905046663	1.490247648	1.348743660
0.8353	0.74149783	0.67095526	1.105137514	0.904864768	1.490412334	1.348621611
0.8354	0.74156492	0.67088111	1.105359671	0.904682907	1.490577070	1.348499596
0.8355	0.74163201	0.67080695	1.105581878	0.904501078	1.490741858	1.348377618
0.8356	0.74169908	0.67073278	1.105804133	0.904319282	1.490906698	1.348255675
0.8357	0.74176615	0.67065861	1.106026438	0.904137519	1.491071588	1.348133767
0.8358	0.74183322	0.67058443	1.106248792	0.903955789	1.491236531	1.348011895
0.8359	0.74190027	0.67051024	1.106471195	0.903774092	1.491401524	1.347890058
0.8360	0.74196732	0.67043605	1.106693648	0.903592428	1.491566569	1.347768257
0.8361	0.74203436	0.67036185	1.106916150	0.903410796	1.491731666	1.347646492
0.8362	0.74210139	0.67028764	1.107138701	0.903229197	1.491896814	1.347524762
0.8363	0.74216842	0.67021343	1.107361301	0.903047632	1.492062013	1.347403067
0.8364	0.74223543	0.67013921	1.107583950	0.902866098	1.492227264	1.347281408
0.8365	0.74230244	0.67006498	1.107806649	0.902684598	1.492392566	1.347159784
0.8366	0.74236945	0.66999075	1.108029398	0.902503131	1.492557920	1.347038196
0.8367	0.74243644	0.66991651	1.108252195	0.902321696	1.492723326	1.346916643
0.8368	0.74250343	0.66984226	1.108475042	0.902140294	1.492888783	1.346795125
0.8369	0.74257041	0.66976801	1.108697939	0.901958924	1.493054292	1.346673643
0.8370	0.74263738	0.66969375	1.108920884	0.901777588	1.493219852	1.346552196
0.8371	0.74270435	0.66961948	1.109143880	0.901596284	1.493385465	1.346430785
0.8372	0.74277131	0.66954521	1.109366924	0.901415012	1.493551128	1.346309409
0.8373	0.74283826	0.66947093	1.109590019	0.901233774	1.493716844	1.346188068
0.8374	0.74290520	0.66939664	1.109813162	0.901052568	1.493882611	1.346066763
0.8375	0.74297214	0.66932235	1.110036356	0.900871395	1.494048430	1.345945493
0.8376	0.74303907	0.66924805	1.110259599	0.900690254	1.494214301	1.345824258
0.8377	0.74310599	0.66917374	1.110482891	0.900509146	1.494380223	1.345703059
0.8378	0.74317290	0.66909942	1.110706233	0.900328071	1.494546197	1.345581895
0.8379	0.74323981	0.66902510	1.110929625	0.900147028	1.494712223	1.345460766
0.8380	0.74330671	0.66895078	1.111153066	0.899966018	1.494878301	1.345339672
0.8381	0.74337360	0.66887644	1.111376557	0.899785040	1.495044431	1.345218614
0.8382	0.74344048	0.66880210	1.111600098	0.899604095	1.495210613	1.345097591
0.8383	0.74350736	0.66872775	1.111823688	0.899423183	1.495376846	1.344976603
0.8384	0.74357423	0.66865340	1.112047328	0.899242303	1.495543132	1.344855650
0.8385	0.74364109	0.66857904	1.112271018	0.899061455	1.495709469	1.344734732
0.8386	0.74370794	0.66850467	1.112494757	0.898880640	1.495875859	1.344613850
0.8387	0.74377479	0.66843030	1.112718547	0.898699858	1.496042300	1.344493003
0.8388	0.74384163	0.66835592	1.112942386	0.898519108	1.496208794	1.344372191
0.8389	0.74390846	0.66828153	1.113166275	0.898338391	1.496375339	1.344251414
0.8390	0.74397528	0.66820714	1.113390214	0.898157706	1.496541937	1.344130672
0.8391	0.74404210	0.66813273	1.113614202	0.897977053	1.496708586	1.344009966
0.8392	0.74410891	0.66805833	1.113838241	0.897796433	1.496875288	1.343889294
0.8393	0.74417571	0.66798391	1.114062330	0.897615846	1.497042042	1.343768658
0.8394	0.74424251	0.66790949	1.114286468	0.897435290	1.497208847	1.343648057
0.8395	0.74430930	0.66783506	1.114510656	0.897254768	1.497375705	1.343527491
0.8396	0.74437608	0.66776063	1.114734895	0.897074277	1.497542616	1.343406959
0.8397	0.74444285	0.66768619	1.114959183	0.896893819	1.497709578	1.343286463
0.8398	0.74450961	0.66761174	1.115183522	0.896713393	1.497876593	1.343166002
0.8399	0.74457637	0.66753729	1.115407910	0.896533000	1.498043660	1.343045576

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.8400	0.74464312	0.66746283	1.115632349	0.896352639	1.498210779	1.342925185
0.8401	0.74470986	0.66738836	1.115856837	0.896172311	1.498377950	1.342804830
0.8402	0.74477660	0.66731388	1.116081376	0.895992014	1.498545174	1.342684509
0.8403	0.74484333	0.66723940	1.116305965	0.895811750	1.498712450	1.342564223
0.8404	0.74491005	0.66716492	1.116530604	0.895631518	1.498879778	1.342443972
0.8405	0.74497676	0.66709042	1.116755293	0.895451319	1.499047159	1.342323756
0.8406	0.74504346	0.66701592	1.116980032	0.895271152	1.499214592	1.342203574
0.8407	0.74511016	0.66694141	1.117204822	0.895091017	1.499382077	1.342083428
0.8408	0.74517685	0.66686690	1.117429661	0.894910914	1.499549615	1.341963317
0.8409	0.74524353	0.66679238	1.117654552	0.894730844	1.499717206	1.341843241
0.8410	0.74531021	0.66671785	1.117879492	0.894550806	1.499884848	1.341723199
0.8411	0.74537688	0.66664331	1.118104482	0.894370800	1.500052544	1.341603193
0.8412	0.74544354	0.66656877	1.118329523	0.894190826	1.500220291	1.341483221
0.8413	0.74551019	0.66649423	1.118554615	0.894010884	1.500388092	1.341363284
0.8414	0.74557684	0.66641967	1.118779756	0.893830975	1.500555945	1.341243383
0.8415	0.74564348	0.66634511	1.119004948	0.893651097	1.500723850	1.341123516
0.8416	0.74571011	0.66627054	1.119230191	0.893471252	1.500891808	1.341003683
0.8417	0.74577673	0.66619597	1.119455484	0.893291439	1.501059819	1.340883886
0.8418	0.74584335	0.66612139	1.119680827	0.893111658	1.501227882	1.340764123
0.8419	0.74590995	0.66604680	1.119906221	0.892931910	1.501395998	1.340644395
0.8420	0.74597656	0.66597221	1.120131665	0.892752193	1.501564167	1.340524702
0.8421	0.74604315	0.66589760	1.120357160	0.892572508	1.501732388	1.340405044
0.8422	0.74610973	0.66582300	1.120582705	0.892392856	1.501900662	1.340285421
0.8423	0.74617631	0.66574838	1.120808301	0.892213235	1.502068989	1.340165832
0.8424	0.74624288	0.66567376	1.121033947	0.892033647	1.502237368	1.340046278
0.8425	0.74630945	0.66559913	1.121259644	0.891854090	1.502405801	1.339926759
0.8426	0.74637600	0.66552450	1.121485392	0.891674566	1.502574286	1.339807274
0.8427	0.74644255	0.66544986	1.121711190	0.891495074	1.502742824	1.339687824
0.8428	0.74650909	0.66537521	1.121937039	0.891315613	1.502911414	1.339568409
0.8429	0.74657563	0.66530056	1.122162939	0.891136185	1.503080058	1.339449029
0.8430	0.74664215	0.66522590	1.122388889	0.890956789	1.503248754	1.339329683
0.8431	0.74670867	0.66515123	1.122614890	0.890777424	1.503417504	1.339210372
0.8432	0.74677518	0.66507655	1.122840942	0.890598092	1.503586306	1.339091095
0.8433	0.74684169	0.66500187	1.123067044	0.890418791	1.503755162	1.338971853
0.8434	0.74690819	0.66492719	1.123293198	0.890239523	1.503924070	1.338852646
0.8435	0.74697467	0.66485249	1.123519402	0.890060286	1.504093031	1.338733473
0.8436	0.74704116	0.66477779	1.123745657	0.889881081	1.504262045	1.338614335
0.8437	0.74710763	0.66470308	1.123971963	0.889701908	1.504431113	1.338495232
0.8438	0.74717410	0.66462837	1.124198319	0.889522767	1.504600233	1.338376163
0.8439	0.74724056	0.66455365	1.124424727	0.889343658	1.504769407	1.338257129
0.8440	0.74730701	0.66447892	1.124651186	0.889164581	1.504938633	1.338138129
0.8441	0.74737345	0.66440419	1.124877695	0.888985535	1.505107913	1.338019164
0.8442	0.74743989	0.66432945	1.125104256	0.888806522	1.505277246	1.337900233
0.8443	0.74750632	0.66425470	1.125330867	0.888627540	1.505446632	1.337781337
0.8444	0.74757274	0.66417995	1.125557530	0.888448590	1.505616071	1.337662475
0.8445	0.74763915	0.66410519	1.125784243	0.888269672	1.505785563	1.337543648
0.8446	0.74770556	0.66403042	1.126011008	0.888090785	1.505955109	1.337424855
0.8447	0.74777196	0.66395564	1.126237823	0.887911931	1.506124707	1.337306097
0.8448	0.74783835	0.66388086	1.126464690	0.887733108	1.506294360	1.337187373
0.8449	0.74790474	0.66380608	1.126691608	0.887554317	1.506464065	1.337068684

x	sin(x)	cos(x)	tan(x)	cot(x)	sec(x)	csc(x)
0.8450	0.74797111	0.66373128	1.126918577	0.887375557	1.506633824	1.336950029
0.8451	0.74803748	0.66365648	1.127145597	0.887196830	1.506803636	1.336831408
0.8452	0.74810384	0.66358167	1.127372668	0.887018134	1.506973501	1.336712822
0.8453	0.74817020	0.66350686	1.127599791	0.886839469	1.507143420	1.336594271
0.8454	0.74823654	0.66343204	1.127826964	0.886660837	1.507313392	1.336475753
0.8455	0.74830288	0.66335721	1.128054189	0.886482236	1.507483418	1.336357271
0.8456	0.74836922	0.66328238	1.128281466	0.886303667	1.507653497	1.336238822
0.8457	0.74843554	0.66320754	1.128508793	0.886125129	1.507823629	1.336120408
0.8458	0.74850186	0.66313269	1.128736172	0.885946623	1.507993815	1.336002028
0.8459	0.74856817	0.66305784	1.128963602	0.885768149	1.508164055	1.335883683
0.8460	0.74863447	0.66298298	1.129191084	0.885589706	1.508334348	1.335765371
0.8461	0.74870076	0.66290811	1.129418617	0.885411295	1.508504694	1.335647095
0.8462	0.74876705	0.66283324	1.129646201	0.885232915	1.508675094	1.335528852
0.8463	0.74883333	0.66275836	1.129873837	0.885054567	1.508845548	1.335410644
0.8464	0.74889960	0.66268347	1.130101524	0.884876251	1.509016055	1.335292470
0.8465	0.74896587	0.66260858	1.130329263	0.884697966	1.509186616	1.335174330
0.8466	0.74903212	0.66253368	1.130557053	0.884519713	1.509357231	1.335056225
0.8467	0.74909837	0.66245877	1.130784895	0.884341491	1.509527899	1.334938153
0.8468	0.74916462	0.66238386	1.131012788	0.884163301	1.509698621	1.334820116
0.8469	0.74923085	0.66230894	1.131240733	0.883985142	1.509869397	1.334702113
0.8470	0.74929708	0.66223401	1.131468729	0.883807015	1.510040226	1.334584145
0.8471	0.74936330	0.66215908	1.131696777	0.883628919	1.510211109	1.334466211
0.8472	0.74942951	0.66208414	1.131924877	0.883450855	1.510382046	1.334348310
0.8473	0.74949571	0.66200919	1.132153028	0.883272822	1.510553037	1.334230444
0.8474	0.74956191	0.66193424	1.132381231	0.883094821	1.510724082	1.334112612
0.8475	0.74962810	0.66185928	1.132609485	0.882916851	1.510895180	1.333994815
0.8476	0.74969428	0.66178432	1.132837792	0.882738912	1.511066333	1.333877051
0.8477	0.74976046	0.66170934	1.133066150	0.882561005	1.511237539	1.333759322
0.8478	0.74982663	0.66163436	1.133294559	0.882383130	1.511408799	1.333641626
0.8479	0.74989278	0.66155938	1.133523021	0.882205285	1.511580113	1.333523965
0.8480	0.74995894	0.66148439	1.133751534	0.882027472	1.511751481	1.333406338
0.8481	0.75002508	0.66140939	1.133980099	0.881849691	1.511922903	1.333288745
0.8482	0.75009122	0.66133438	1.134208716	0.881671941	1.512094379	1.333171186
0.8483	0.75015735	0.66125937	1.134437385	0.881494222	1.512265910	1.333053661
0.8484	0.75022347	0.66118435	1.134666106	0.881316534	1.512437494	1.332936170
0.8485	0.75028959	0.66110932	1.134894879	0.881138878	1.512609132	1.332818713
0.8486	0.75035569	0.66103429	1.135123703	0.880961253	1.512780824	1.332701290
0.8487	0.75042179	0.66095925	1.135352580	0.880783659	1.512952571	1.332583902
0.8488	0.75048788	0.66088421	1.135581508	0.880606097	1.513124371	1.332466547
0.8489	0.75055397	0.66080915	1.135810489	0.880428566	1.513296226	1.332349226
0.8490	0.75062005	0.66073410	1.136039522	0.880251066	1.513468135	1.332231939
0.8491	0.75068612	0.66065903	1.136268606	0.880073598	1.513640098	1.332114686
0.8492	0.75075218	0.66058396	1.136497743	0.879896160	1.513812115	1.331997467
0.8493	0.75081823	0.66050888	1.136726932	0.879718754	1.513984186	1.331880282
0.8494	0.75088428	0.66043380	1.136956172	0.879541379	1.514156312	1.331763131
0.8495	0.75095032	0.66035870	1.137185465	0.879364036	1.514328492	1.331646014
0.8496	0.75101635	0.66028361	1.137414811	0.879186723	1.514500727	1.331528931
0.8497	0.75108238	0.66020850	1.137644208	0.879009442	1.514673015	1.331411882
0.8498	0.75114839	0.66013339	1.137873657	0.878832191	1.514845359	1.331294866
0.8499	0.75121440	0.66005827	1.138103159	0.878654972	1.515017756	1.331177885

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.8500	0.75128041	0.65998315	1.138332713	0.878477785	1.515190208	1.331060937
0.8501	0.75134640	0.65990801	1.138562320	0.878300628	1.515362714	1.330944023
0.8502	0.75141239	0.65983288	1.138791978	0.878123502	1.515535275	1.330827143
0.8503	0.75147837	0.65975773	1.139021689	0.877946408	1.515707890	1.330710297
0.8504	0.75154434	0.65968258	1.139251452	0.877769344	1.515880560	1.330593485
0.8505	0.75161030	0.65960742	1.139481268	0.877592312	1.516053284	1.330476706
0.8506	0.75167626	0.65953226	1.139711136	0.877415311	1.516226063	1.330359961
0.8507	0.75174221	0.65945709	1.139941056	0.877238340	1.516398896	1.330243251
0.8508	0.75180815	0.65938191	1.140171029	0.877061401	1.516571784	1.330126573
0.8509	0.75187409	0.65930673	1.140401054	0.876884493	1.516744726	1.330009930
0.8510	0.75194001	0.65923154	1.140631132	0.876707616	1.516917723	1.329893320
0.8511	0.75200593	0.65915634	1.140861262	0.876530770	1.517090775	1.329776744
0.8512	0.75207184	0.65908113	1.141091445	0.876353955	1.517263881	1.329660202
0.8513	0.75213775	0.65900592	1.141321680	0.876177170	1.517437042	1.329543694
0.8514	0.75220364	0.65893071	1.141551968	0.876000417	1.517610258	1.329427219
0.8515	0.75226953	0.65885548	1.141782308	0.875823695	1.517783528	1.329310778
0.8516	0.75233542	0.65878025	1.142012701	0.875647004	1.517956854	1.329194371
0.8517	0.75240129	0.65870502	1.142243147	0.875470344	1.518130234	1.329077997
0.8518	0.75246716	0.65862977	1.142473645	0.875293714	1.518303668	1.328961657
0.8519	0.75253302	0.65855452	1.142704196	0.875117116	1.518477158	1.328845351
0.8520	0.75259887	0.65847927	1.142934800	0.874940548	1.518650702	1.328729078
0.8521	0.75266471	0.65840400	1.143165456	0.874764012	1.518824302	1.328612839
0.8522	0.75273055	0.65832873	1.143396165	0.874587506	1.518997956	1.328496633
0.8523	0.75279638	0.65825346	1.143626927	0.874411031	1.519171665	1.328380462
0.8524	0.75286220	0.65817817	1.143857741	0.874234587	1.519345429	1.328264323
0.8525	0.75292801	0.65810288	1.144088609	0.874058174	1.519519248	1.328148219
0.8526	0.75299382	0.65802759	1.144319529	0.873881791	1.519693122	1.328032148
0.8527	0.75305962	0.65795229	1.144550502	0.873705440	1.519867051	1.327916110
0.8528	0.75312541	0.65787698	1.144781528	0.873529119	1.520041035	1.327800106
0.8529	0.75319119	0.65780166	1.145012607	0.873352829	1.520215074	1.327684136
0.8530	0.75325697	0.65772634	1.145243739	0.873176570	1.520389168	1.327568199
0.8531	0.75332274	0.65765101	1.145474924	0.873000342	1.520563317	1.327452295
0.8532	0.75338850	0.65757567	1.145706162	0.872824144	1.520737521	1.327336426
0.8533	0.75345425	0.65750033	1.145937453	0.872647977	1.520911781	1.327220589
0.8534	0.75352000	0.65742498	1.146168796	0.872471841	1.521086095	1.327104786
0.8535	0.75358574	0.65734963	1.146400193	0.872295736	1.521260465	1.326989017
0.8536	0.75365147	0.65727427	1.146631643	0.872119661	1.521434890	1.326873281
0.8537	0.75371719	0.65719890	1.146863146	0.871943617	1.521609370	1.326757578
0.8538	0.75378291	0.65712352	1.147094702	0.871767604	1.521783906	1.326641909
0.8539	0.75384862	0.65704814	1.147326311	0.871591622	1.521958496	1.326526274
0.8540	0.75391432	0.65697275	1.147557974	0.871415670	1.522133142	1.326410671
0.8541	0.75398001	0.65689736	1.147789689	0.871239748	1.522307843	1.326295103
0.8542	0.75404570	0.65682196	1.148021458	0.871063858	1.522482600	1.326179567
0.8543	0.75411138	0.65674655	1.148253280	0.870887998	1.522657412	1.326064065
0.8544	0.75417705	0.65667113	1.148485155	0.870712169	1.522832279	1.325948597
0.8545	0.75424271	0.65659571	1.148717083	0.870536370	1.523007202	1.325833161
0.8546	0.75430837	0.65652029	1.148949065	0.870360602	1.523182180	1.325717759
0.8547	0.75437402	0.65644485	1.149181100	0.870184865	1.523357214	1.325602391
0.8548	0.75443966	0.65636941	1.149413189	0.870009158	1.523532303	1.325487056
0.8549	0.75450529	0.65629396	1.149645330	0.869833481	1.523707447	1.325371754

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.8550	0.75457092	0.65621851	1.149877525	0.869657836	1.523882648	1.325256485
0.8551	0.75463653	0.65614305	1.150109774	0.869482220	1.524057903	1.325141250
0.8552	0.75470214	0.65606758	1.150342076	0.869306636	1.524233214	1.325026048
0.8553	0.75476775	0.65599211	1.150574431	0.869131082	1.524408581	1.324910879
0.8554	0.75483334	0.65591663	1.150806840	0.868955558	1.524584003	1.324795743
0.8555	0.75489893	0.65584114	1.151039303	0.868780065	1.524759481	1.324680641
0.8556	0.75496451	0.65576565	1.151271819	0.868604602	1.524935015	1.324565572
0.8557	0.75503008	0.65569015	1.151504388	0.868429170	1.525110604	1.324450536
0.8558	0.75509565	0.65561464	1.151737011	0.868253768	1.525286249	1.324335534
0.8559	0.75516121	0.65553913	1.151969688	0.868078397	1.525461950	1.324220565
0.8560	0.75522676	0.65546361	1.152202418	0.867903056	1.525637707	1.324105628
0.8561	0.75529230	0.65538808	1.152435202	0.867727746	1.525813519	1.323990725
0.8562	0.75535783	0.65531255	1.152668039	0.867552466	1.525989387	1.323875856
0.8563	0.75542336	0.65523701	1.152900930	0.867377217	1.526165311	1.323761019
0.8564	0.75548888	0.65516147	1.153133875	0.867201997	1.526341290	1.323646216
0.8565	0.75555439	0.65508592	1.153366874	0.867026809	1.526517326	1.323531445
0.8566	0.75561990	0.65501036	1.153599926	0.866851650	1.526693417	1.323416708
0.8567	0.75568540	0.65493479	1.153833033	0.866676522	1.526869565	1.323302004
0.8568	0.75575089	0.65485922	1.154066193	0.866501425	1.527045768	1.323187333
0.8569	0.75581637	0.65478364	1.154299406	0.866326357	1.527222027	1.323072695
0.8570	0.75588184	0.65470806	1.154532674	0.866151320	1.527398342	1.322958091
0.8571	0.75594731	0.65463247	1.154765996	0.865976314	1.527574713	1.322843519
0.8572	0.75601277	0.65455687	1.154999371	0.865801337	1.527751140	1.322728980
0.8573	0.75607822	0.65448126	1.155232800	0.865626391	1.527927624	1.322614475
0.8574	0.75614367	0.65440565	1.155466283	0.865451476	1.528104163	1.322500002
0.8575	0.75620910	0.65433003	1.155699821	0.865276590	1.528280758	1.322385563
0.8576	0.75627453	0.65425441	1.155933412	0.865101735	1.528457410	1.322271157
0.8577	0.75633995	0.65417878	1.156167057	0.864926910	1.528634117	1.322156783
0.8578	0.75640537	0.65410314	1.156400756	0.864752115	1.528810881	1.322042443
0.8579	0.75647077	0.65402750	1.156634510	0.864577351	1.528987701	1.321928135
0.8580	0.75653617	0.65395185	1.156868317	0.864402616	1.529164577	1.321813861
0.8581	0.75660156	0.65387619	1.157102179	0.864227912	1.529341509	1.321699620
0.8582	0.75666695	0.65380053	1.157336094	0.864053238	1.529518498	1.321585411
0.8583	0.75673232	0.65372486	1.157570064	0.863878595	1.529695543	1.321471236
0.8584	0.75679769	0.65364918	1.157804088	0.863703981	1.529872644	1.321357093
0.8585	0.75686305	0.65357350	1.158038166	0.863529398	1.530049801	1.321242983
0.8586	0.75692841	0.65349781	1.158272298	0.863354844	1.530227015	1.321128906
0.8587	0.75699375	0.65342211	1.158506485	0.863180321	1.530404285	1.321014863
0.8588	0.75705909	0.65334641	1.158740726	0.863005828	1.530581612	1.320900852
0.8589	0.75712442	0.65327070	1.158975021	0.862831366	1.530758994	1.320786874
0.8590	0.75718975	0.65319498	1.159209370	0.862656933	1.530936434	1.320672928
0.8591	0.75725506	0.65311926	1.159443774	0.862482530	1.531113930	1.320559016
0.8592	0.75732037	0.65304353	1.159678232	0.862308158	1.531291482	1.320445137
0.8593	0.75738567	0.65296780	1.159912745	0.862133815	1.531469091	1.320331290
0.8594	0.75745096	0.65289206	1.160147312	0.861959503	1.531646756	1.320217476
0.8595	0.75751625	0.65281631	1.160381933	0.861785220	1.531824478	1.320103695
0.8596	0.75758153	0.65274055	1.160616609	0.861610968	1.532002256	1.319989947
0.8597	0.75764680	0.65266479	1.160851340	0.861436746	1.532180091	1.319876232
0.8598	0.75771206	0.65258902	1.161086124	0.861262553	1.532357983	1.319762549
0.8599	0.75777732	0.65251325	1.161320964	0.861088391	1.532535931	1.319648899

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.8600	0.75784256	0.65243747	1.161555858	0.860914259	1.532713936	1.319535282
0.8601	0.75790780	0.65236168	1.161790806	0.860740156	1.532891998	1.319421698
0.8602	0.75797304	0.65228589	1.162025809	0.860566084	1.533070116	1.319308146
0.8603	0.75803826	0.65221009	1.162260867	0.860392041	1.533248291	1.319194627
0.8604	0.75810348	0.65213428	1.162495979	0.860218029	1.533426523	1.319081141
0.8605	0.75816869	0.65205847	1.162731146	0.860044046	1.533604812	1.318967688
0.8606	0.75823389	0.65198265	1.162966368	0.859870094	1.533783157	1.318854267
0.8607	0.75829908	0.65190682	1.163201644	0.859696171	1.533961559	1.318740879
0.8608	0.75836427	0.65183099	1.163436976	0.859522278	1.534140019	1.318627524
0.8609	0.75842945	0.65175515	1.163672362	0.859348415	1.534318534	1.318514201
0.8610	0.75849462	0.65167930	1.163907802	0.859174582	1.534497107	1.318400911
0.8611	0.75855979	0.65160345	1.164143298	0.859000779	1.534675737	1.318287654
0.8612	0.75862494	0.65152759	1.164378848	0.858827006	1.534854424	1.318174429
0.8613	0.75869009	0.65145172	1.164614454	0.858653262	1.535033168	1.318061237
0.8614	0.75875523	0.65137585	1.164850114	0.858479549	1.535211968	1.317948078
0.8615	0.75882037	0.65129997	1.165085829	0.858305865	1.535390826	1.317834951
0.8616	0.75888549	0.65122409	1.165321599	0.858132211	1.535569741	1.317721857
0.8617	0.75895061	0.65114819	1.165557424	0.857958587	1.535748712	1.317608795
0.8618	0.75901572	0.65107230	1.165793303	0.857784992	1.535927741	1.317495766
0.8619	0.75908083	0.65099639	1.166029238	0.857611428	1.536106827	1.317382769
0.8620	0.75914592	0.65092048	1.166265228	0.857437893	1.536285970	1.317269805
0.8621	0.75921101	0.65084456	1.166501273	0.857264388	1.536465171	1.317156874
0.8622	0.75927609	0.65076864	1.166737373	0.857090912	1.536644428	1.317043975
0.8623	0.75934116	0.65069271	1.166973529	0.856917467	1.536823743	1.316931109
0.8624	0.75940623	0.65061677	1.167209739	0.856744051	1.537003115	1.316818275
0.8625	0.75947129	0.65054082	1.167446004	0.856570665	1.537182544	1.316705473
0.8626	0.75953634	0.65046487	1.167682325	0.856397308	1.537362030	1.316592705
0.8627	0.75960138	0.65038892	1.167918701	0.856223982	1.537541574	1.316479968
0.8628	0.75966641	0.65031295	1.168155132	0.856050684	1.537721175	1.316367264
0.8629	0.75973144	0.65023698	1.168391618	0.855877417	1.537900833	1.316254593
0.8630	0.75979646	0.65016101	1.168628160	0.855704179	1.538080549	1.316141954
0.8631	0.75986147	0.65008503	1.168864756	0.855530971	1.538260322	1.316029347
0.8632	0.75992648	0.65000904	1.169101408	0.855357793	1.538440153	1.315916773
0.8633	0.75999148	0.64993304	1.169338116	0.855184644	1.538620041	1.315804231
0.8634	0.76005647	0.64985704	1.169574879	0.855011524	1.538799986	1.315691722
0.8635	0.76012145	0.64978103	1.169811697	0.854838435	1.538979989	1.315579245
0.8636	0.76018642	0.64970501	1.170048571	0.854665375	1.539160049	1.315466800
0.8637	0.76025139	0.64962899	1.170285500	0.854492344	1.539340167	1.315354388
0.8638	0.76031635	0.64955296	1.170522484	0.854319343	1.539520343	1.315242008
0.8639	0.76038130	0.64947693	1.170759524	0.854146372	1.539700576	1.315129661
0.8640	0.76044624	0.64940089	1.170996620	0.853973430	1.539880867	1.315017346
0.8641	0.76051118	0.64932484	1.171233771	0.853800518	1.540061215	1.314905063
0.8642	0.76057611	0.64924878	1.171470978	0.853627635	1.540241621	1.314792812
0.8643	0.76064103	0.64917272	1.171708240	0.853454782	1.540422085	1.314680594
0.8644	0.76070594	0.64909666	1.171945558	0.853281958	1.540602606	1.314568408
0.8645	0.76077085	0.64902058	1.172182931	0.853109164	1.540783185	1.314456255
0.8646	0.76083575	0.64894450	1.172420360	0.852936399	1.540963822	1.314344133
0.8647	0.76090064	0.64886842	1.172657845	0.852763664	1.541144517	1.314232044
0.8648	0.76096552	0.64879232	1.172895386	0.852590958	1.541325269	1.314119987
0.8649	0.76103040	0.64871622	1.173132982	0.852418281	1.541506079	1.314007963

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.8650	0.76109526	0.64864012	1.173370634	0.852245634	1.541686948	1.313895970
0.8651	0.76116012	0.64856400	1.173608342	0.852073017	1.541867873	1.313784010
0.8652	0.76122498	0.64848788	1.173846105	0.851900429	1.542048857	1.313672082
0.8653	0.76128982	0.64841176	1.174083924	0.851727870	1.542229899	1.313560187
0.8654	0.76135466	0.64833563	1.174321800	0.851555340	1.542410999	1.313448323
0.8655	0.76141949	0.64825949	1.174559731	0.851382841	1.542592156	1.313336492
0.8656	0.76148431	0.64818334	1.174797718	0.851210370	1.542773372	1.313224693
0.8657	0.76154913	0.64810719	1.175035761	0.851037929	1.542954646	1.313112926
0.8658	0.76161393	0.64803103	1.175273860	0.850865517	1.543135978	1.313001191
0.8659	0.76167873	0.64795487	1.175512014	0.850693134	1.543317367	1.312889488
0.8660	0.76174352	0.64787870	1.175750225	0.850520781	1.543498815	1.312777818
0.8661	0.76180831	0.64780252	1.175988492	0.850348457	1.543680321	1.312666179
0.8662	0.76187308	0.64772633	1.176226815	0.850176163	1.543861885	1.312554573
0.8663	0.76193785	0.64765014	1.176465194	0.850003897	1.544043507	1.312442999
0.8664	0.76200261	0.64757395	1.176703629	0.849831661	1.544225188	1.312331457
0.8665	0.76206737	0.64749774	1.176942120	0.849659454	1.544406927	1.312219947
0.8666	0.76213211	0.64742153	1.177180668	0.849487277	1.544588723	1.312108469
0.8667	0.76219685	0.64734532	1.177419271	0.849315129	1.544770579	1.311997023
0.8668	0.76226158	0.64726909	1.177657931	0.849143010	1.544952492	1.311885609
0.8669	0.76232631	0.64719286	1.177896647	0.848970920	1.545134464	1.311774227
0.8670	0.76239102	0.64711663	1.178135419	0.848798859	1.545316494	1.311662877
0.8671	0.76245573	0.64704039	1.178374248	0.848626828	1.545498582	1.311551560
0.8672	0.76252043	0.64696414	1.178613132	0.848454826	1.545680729	1.311440274
0.8673	0.76258512	0.64688788	1.178852073	0.848282853	1.545862934	1.311329020
0.8674	0.76264981	0.64681162	1.179091071	0.848110909	1.546045198	1.311217798
0.8675	0.76271448	0.64673535	1.179330125	0.847938995	1.546227520	1.311106608
0.8676	0.76277915	0.64665908	1.179569235	0.847767109	1.546409900	1.310995450
0.8677	0.76284382	0.64658280	1.179808401	0.847595253	1.546592339	1.310884325
0.8678	0.76290847	0.64650651	1.180047624	0.847423425	1.546774837	1.310773231
0.8679	0.76297312	0.64643021	1.180286904	0.847251627	1.546957393	1.310662169
0.8680	0.76303776	0.64635391	1.180526240	0.847079858	1.547140007	1.310551138
0.8681	0.76310239	0.64627761	1.180765632	0.846908119	1.547322681	1.310440140
0.8682	0.76316701	0.64620129	1.181005081	0.846736408	1.547505413	1.310329174
0.8683	0.76323163	0.64612497	1.181244587	0.846564726	1.547688203	1.310218240
0.8684	0.76329624	0.64604865	1.181484149	0.846393073	1.547871052	1.310107337
0.8685	0.76336084	0.64597231	1.181723768	0.846221450	1.548053960	1.309996466
0.8686	0.76342543	0.64589598	1.181963443	0.846049855	1.548236927	1.309885628
0.8687	0.76349002	0.64581963	1.182203175	0.845878290	1.548419952	1.309774821
0.8688	0.76355460	0.64574328	1.182442964	0.845706753	1.548603036	1.309664046
0.8689	0.76361917	0.64566692	1.182682810	0.845535246	1.548786179	1.309553302
0.8690	0.76368373	0.64559055	1.182922712	0.845363767	1.548969381	1.309442591
0.8691	0.76374828	0.64551418	1.183162671	0.845192318	1.549152641	1.309331911
0.8692	0.76381283	0.64543780	1.183402687	0.845020897	1.549335961	1.309221263
0.8693	0.76387737	0.64536142	1.183642759	0.844849506	1.549519339	1.309110647
0.8694	0.76394190	0.64528503	1.183882889	0.844678143	1.549702776	1.309000063
0.8695	0.76400643	0.64520863	1.184123075	0.844506809	1.549886272	1.308889511
0.8696	0.76407095	0.64513223	1.184363318	0.844335505	1.550069827	1.308778990
0.8697	0.76413545	0.64505582	1.184603618	0.844164229	1.550253441	1.308668501
0.8698	0.76419996	0.64497940	1.184843975	0.843992982	1.550437114	1.308558044
0.8699	0.76426445	0.64490298	1.185084389	0.843821764	1.550620847	1.308447618

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.8700	0.76432894	0.64482655	1.185324860	0.843650575	1.550804638	1.308337224
0.8701	0.76439342	0.64475011	1.185565388	0.843479415	1.550988488	1.308226862
0.8702	0.76445789	0.64467367	1.185805973	0.843308284	1.551172397	1.308116532
0.8703	0.76452235	0.64459722	1.186046615	0.843137181	1.551356366	1.308006233
0.8704	0.76458681	0.64452076	1.186287315	0.842966107	1.551540394	1.307895966
0.8705	0.76465125	0.64444430	1.186528071	0.842795063	1.551724480	1.307785731
0.8706	0.76471570	0.64436783	1.186768884	0.842624047	1.551908627	1.307675527
0.8707	0.76478013	0.64429136	1.187009755	0.842453060	1.552092832	1.307565355
0.8708	0.76484455	0.64421488	1.187250683	0.842282101	1.552277096	1.307455215
0.8709	0.76490897	0.64413839	1.187491668	0.842111172	1.552461420	1.307345106
0.8710	0.76497338	0.64406190	1.187732710	0.841940271	1.552645803	1.307235029
0.8711	0.76503778	0.64398540	1.187973810	0.841769399	1.552830246	1.307124983
0.8712	0.76510218	0.64390889	1.188214967	0.841598556	1.553014748	1.307014969
0.8713	0.76516657	0.64383238	1.188456181	0.841427741	1.553199309	1.306904987
0.8714	0.76523094	0.64375586	1.188697452	0.841256956	1.553383930	1.306795036
0.8715	0.76529532	0.64367933	1.188938781	0.841086199	1.553568610	1.306685117
0.8716	0.76535968	0.64360280	1.189180167	0.840915471	1.553753349	1.306575229
0.8717	0.76542404	0.64352626	1.189421611	0.840744771	1.553938148	1.306465373
0.8718	0.76548839	0.64344971	1.189663112	0.840574100	1.554123007	1.306355548
0.8719	0.76555273	0.64337316	1.189904671	0.840403458	1.554307925	1.306245755
0.8720	0.76561706	0.64329660	1.190146287	0.840232845	1.554492902	1.306135993
0.8721	0.76568139	0.64322004	1.190387960	0.840062260	1.554677940	1.306026263
0.8722	0.76574570	0.64314346	1.190629691	0.839891704	1.554863036	1.305916565
0.8723	0.76581002	0.64306689	1.190871480	0.839721176	1.555048193	1.305806898
0.8724	0.76587432	0.64299030	1.191113326	0.839550677	1.555233409	1.305697262
0.8725	0.76593861	0.64291371	1.191355230	0.839380207	1.555418685	1.305587658
0.8726	0.76600290	0.64283711	1.191597192	0.839209766	1.555604020	1.305478085
0.8727	0.76606718	0.64276051	1.191839211	0.839039353	1.555789415	1.305368544
0.8728	0.76613145	0.64268390	1.192081288	0.838868968	1.555974870	1.305259034
0.8729	0.76619572	0.64260728	1.192323423	0.838698612	1.556160385	1.305149556
0.8730	0.76625997	0.64253066	1.192565615	0.838528285	1.556345960	1.305040109
0.8731	0.76632422	0.64245403	1.192807865	0.838357986	1.556531594	1.304930693
0.8732	0.76638847	0.64237740	1.193050173	0.838187716	1.556717288	1.304821309
0.8733	0.76645270	0.64230076	1.193292539	0.838017475	1.556903042	1.304711956
0.8734	0.76651693	0.64222411	1.193534963	0.837847262	1.557088856	1.304602634
0.8735	0.76658114	0.64214745	1.193777444	0.837677077	1.557274730	1.304493344
0.8736	0.76664535	0.64207079	1.194019984	0.837506921	1.557460664	1.304384086
0.8737	0.76670956	0.64199412	1.194262581	0.837336793	1.557646658	1.304274858
0.8738	0.76677375	0.64191745	1.194505236	0.837166694	1.557832712	1.304165662
0.8739	0.76683794	0.64184077	1.194747949	0.836996624	1.558018826	1.304056497
0.8740	0.76690212	0.64176408	1.194990721	0.836826582	1.558205000	1.303947364
0.8741	0.76696629	0.64168739	1.195233550	0.836656568	1.558391234	1.303838262
0.8742	0.76703046	0.64161069	1.195476437	0.836486583	1.558577528	1.303729191
0.8743	0.76709462	0.64153398	1.195719383	0.836316626	1.558763883	1.303620151
0.8744	0.76715877	0.64145727	1.195962386	0.836146698	1.558950297	1.303511143
0.8745	0.76722291	0.64138055	1.196205448	0.835976798	1.559136772	1.303402166
0.8746	0.76728704	0.64130382	1.196448568	0.835806926	1.559323307	1.303293220
0.8747	0.76735117	0.64122709	1.196691746	0.835637083	1.559509902	1.303184306
0.8748	0.76741529	0.64115035	1.196934982	0.835467268	1.559696557	1.303075422
0.8749	0.76747940	0.64107361	1.197178277	0.835297482	1.559883273	1.302966570

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.8750	0.76754350	0.64099686	1.197421629	0.835127724	1.560070049	1.302857750
0.8751	0.76760760	0.64092010	1.197665040	0.834957994	1.560256885	1.302748960
0.8752	0.76767169	0.64084334	1.197908510	0.834788293	1.560443782	1.302640201
0.8753	0.76773577	0.64076657	1.198152037	0.834618620	1.560630739	1.302531474
0.8754	0.76779984	0.64068979	1.198395623	0.834448975	1.560817757	1.302422778
0.8755	0.76786390	0.64061301	1.198639268	0.834279359	1.561004835	1.302314113
0.8756	0.76792796	0.64053622	1.198882970	0.834109771	1.561191973	1.302205479
0.8757	0.76799201	0.64045942	1.199126732	0.833940211	1.561379172	1.302096877
0.8758	0.76805605	0.64038262	1.199370551	0.833770680	1.561566431	1.301988305
0.8759	0.76812009	0.64030581	1.199614430	0.833601177	1.561753751	1.301879765
0.8760	0.76818412	0.64022899	1.199858366	0.833431702	1.561941132	1.301771255
0.8761	0.76824813	0.64015217	1.200102362	0.833262255	1.562128573	1.301662777
0.8762	0.76831215	0.64007534	1.200346416	0.833092836	1.562316075	1.301554330
0.8763	0.76837615	0.63999851	1.200590528	0.832923446	1.562503637	1.301445914
0.8764	0.76844015	0.63992167	1.200834699	0.832754084	1.562691260	1.301337529
0.8765	0.76850413	0.63984482	1.201078929	0.832584750	1.562878944	1.301229175
0.8766	0.76856811	0.63976797	1.201323217	0.832415445	1.563066688	1.301120852
0.8767	0.76863209	0.63969111	1.201567564	0.832246167	1.563254494	1.301012561
0.8768	0.76869605	0.63961424	1.201811970	0.832076918	1.563442360	1.300904300
0.8769	0.76876001	0.63953737	1.202056435	0.831907697	1.563630286	1.300796070
0.8770	0.76882396	0.63946049	1.202300958	0.831738504	1.563818274	1.300687871
0.8771	0.76888790	0.63938360	1.202545540	0.831569339	1.564006322	1.300579704
0.8772	0.76895184	0.63930671	1.202790181	0.831400202	1.564194432	1.300471567
0.8773	0.76901576	0.63922981	1.203034881	0.831231094	1.564382602	1.300363461
0.8774	0.76907968	0.63915291	1.203279640	0.831062013	1.564570833	1.300255386
0.8775	0.76914359	0.63907600	1.203524457	0.830892961	1.564759125	1.300147343
0.8776	0.76920750	0.63899908	1.203769334	0.830723937	1.564947478	1.300039330
0.8777	0.76927139	0.63892216	1.204014270	0.830554940	1.565135892	1.299931348
0.8778	0.76933528	0.63884523	1.204259264	0.830385972	1.565324367	1.299823397
0.8779	0.76939916	0.63876829	1.204504318	0.830217032	1.565512904	1.299715477
0.8780	0.76946304	0.63869135	1.204749430	0.830048120	1.565701501	1.299607588
0.8781	0.76952690	0.63861440	1.204994602	0.829879236	1.565890159	1.299499729
0.8782	0.76959076	0.63853744	1.205239833	0.829710380	1.566078879	1.299391902
0.8783	0.76965461	0.63846048	1.205485123	0.829541552	1.566267659	1.299284106
0.8784	0.76971845	0.63838351	1.205730472	0.829372753	1.566456501	1.299176340
0.8785	0.76978229	0.63830654	1.205975880	0.829203981	1.566645404	1.299068605
0.8786	0.76984611	0.63822955	1.206221347	0.829035237	1.566834369	1.298960901
0.8787	0.76990993	0.63815257	1.206466874	0.828866521	1.567023394	1.298853228
0.8788	0.76997374	0.63807557	1.206712460	0.828697833	1.567212481	1.298745586
0.8789	0.77003755	0.63799857	1.206958105	0.828529173	1.567401629	1.298637975
0.8790	0.77010134	0.63792156	1.207203809	0.828360541	1.567590839	1.298530394
0.8791	0.77016513	0.63784455	1.207449573	0.828191936	1.567780109	1.298422845
0.8792	0.77022891	0.63776753	1.207695396	0.828023360	1.567969442	1.298315326
0.8793	0.77029268	0.63769051	1.207941279	0.827854812	1.568158835	1.298207838
0.8794	0.77035645	0.63761347	1.208187221	0.827686291	1.568348290	1.298100380
0.8795	0.77042021	0.63753643	1.208433222	0.827517799	1.568537807	1.297992954
0.8796	0.77048396	0.63745939	1.208679283	0.827349334	1.568727385	1.297885558
0.8797	0.77054770	0.63738234	1.208925403	0.827180898	1.568917025	1.297778193
0.8798	0.77061143	0.63730528	1.209171583	0.827012489	1.569106726	1.297670858
0.8799	0.77067516	0.63722821	1.209417822	0.826844108	1.569296488	1.297563555

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.8800	0.77073888	0.63715114	1.209664121	0.826675754	1.569486313	1.297456282
0.8801	0.77080259	0.63707407	1.209910480	0.826507429	1.569676199	1.297349040
0.8802	0.77086629	0.63699698	1.210156898	0.826339132	1.569866146	1.297241828
0.8803	0.77092999	0.63691989	1.210403376	0.826170862	1.570056156	1.297134647
0.8804	0.77099368	0.63684280	1.210649913	0.826002620	1.570246227	1.297027497
0.8805	0.77105736	0.63676570	1.210896510	0.825834406	1.570436359	1.296920378
0.8806	0.77112103	0.63668859	1.211143167	0.825666219	1.570626554	1.296813289
0.8807	0.77118470	0.63661147	1.211389884	0.825498061	1.570816810	1.296706231
0.8808	0.77124835	0.63653435	1.211636660	0.825329930	1.571007128	1.296599203
0.8809	0.77131200	0.63645722	1.211883497	0.825161827	1.571197508	1.296492206
0.8810	0.77137564	0.63638009	1.212130393	0.824993752	1.571387950	1.296385240
0.8811	0.77143928	0.63630295	1.212377349	0.824825704	1.571578453	1.296278304
0.8812	0.77150291	0.63622580	1.212624364	0.824657684	1.571769019	1.296171399
0.8813	0.77156652	0.63614865	1.212871440	0.824489692	1.571959647	1.296064525
0.8814	0.77163013	0.63607149	1.213118576	0.824321727	1.572150336	1.295957681
0.8815	0.77169374	0.63599432	1.213365772	0.824153791	1.572341088	1.295850867
0.8816	0.77175733	0.63591715	1.213613027	0.823985882	1.572531901	1.295744085
0.8817	0.77182092	0.63583997	1.213860343	0.823818000	1.572722777	1.295637332
0.8818	0.77188450	0.63576278	1.214107719	0.823650146	1.572913714	1.295530611
0.8819	0.77194807	0.63568559	1.214355154	0.823482320	1.573104714	1.295423920
0.8820	0.77201164	0.63560839	1.214602650	0.823314522	1.573295776	1.295317259
0.8821	0.77207520	0.63553119	1.214850206	0.823146751	1.573486900	1.295210629
0.8822	0.77213875	0.63545398	1.215097822	0.822979008	1.573678086	1.295104029
0.8823	0.77220229	0.63537676	1.215345499	0.822811292	1.573869334	1.294997460
0.8824	0.77226582	0.63529954	1.215593235	0.822643604	1.574060645	1.294890922
0.8825	0.77232935	0.63522231	1.215841032	0.822475943	1.574252018	1.294784414
0.8826	0.77239286	0.63514507	1.216088889	0.822308311	1.574443453	1.294677936
0.8827	0.77245638	0.63506783	1.216336807	0.822140705	1.574634950	1.294571489
0.8828	0.77251988	0.63499058	1.216584784	0.821973127	1.574826510	1.294465072
0.8829	0.77258337	0.63491333	1.216832822	0.821805577	1.575018132	1.294358686
0.8830	0.77264686	0.63483606	1.217080921	0.821638055	1.575209817	1.294252330
0.8831	0.77271034	0.63475880	1.217329080	0.821470559	1.575401564	1.294146004
0.8832	0.77277381	0.63468152	1.217577299	0.821303092	1.575593373	1.294039709
0.8833	0.77283728	0.63460424	1.217825578	0.821135652	1.575785245	1.293933444
0.8834	0.77290073	0.63452695	1.218073919	0.820968239	1.575977180	1.293827210
0.8835	0.77296418	0.63444966	1.218322319	0.820800854	1.576169177	1.293721006
0.8836	0.77302762	0.63437236	1.218570781	0.820633496	1.576361236	1.293614833
0.8837	0.77309106	0.63429506	1.218819302	0.820466166	1.576553358	1.293508689
0.8838	0.77315448	0.63421774	1.219067885	0.820298863	1.576745543	1.293402577
0.8839	0.77321790	0.63414042	1.219316528	0.820131588	1.576937790	1.293296494
0.8840	0.77328131	0.63406310	1.219565231	0.819964340	1.577130100	1.293190442
0.8841	0.77334471	0.63398577	1.219813995	0.819797120	1.577322473	1.293084420
0.8842	0.77340811	0.63390843	1.220062820	0.819629927	1.577514908	1.292978429
0.8843	0.77347149	0.63383109	1.220311706	0.819462761	1.577707406	1.292872467
0.8844	0.77353487	0.63375374	1.220560653	0.819295623	1.577899967	1.292766536
0.8845	0.77359825	0.63367638	1.220809660	0.819128512	1.578092591	1.292660636
0.8846	0.77366161	0.63359902	1.221058728	0.818961428	1.578285277	1.292554765
0.8847	0.77372497	0.63352165	1.221307857	0.818794372	1.578478027	1.292448925
0.8848	0.77378831	0.63344427	1.221557046	0.818627344	1.578670839	1.292343115
0.8849	0.77385165	0.63336689	1.221806297	0.818460342	1.578863714	1.292237336

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.8850	0.77391499	0.63328950	1.222055609	0.818293368	1.579056652	1.292131586
0.8851	0.77397831	0.63321211	1.222304981	0.818126421	1.579249653	1.292025867
0.8852	0.77404163	0.63313471	1.222554414	0.817959502	1.579442717	1.291920178
0.8853	0.77410494	0.63305730	1.222803909	0.817792610	1.579635844	1.291814519
0.8854	0.77416824	0.63297988	1.223053464	0.817625745	1.579829034	1.291708891
0.8855	0.77423154	0.63290246	1.223303081	0.817458907	1.580022287	1.291603293
0.8856	0.77429482	0.63282504	1.223552758	0.817292097	1.580215603	1.291497724
0.8857	0.77435810	0.63274761	1.223802497	0.817125314	1.580408983	1.291392186
0.8858	0.77442137	0.63267017	1.224052297	0.816958558	1.580602425	1.291286679
0.8859	0.77448463	0.63259272	1.224302158	0.816791830	1.580795931	1.291181201
0.8860	0.77454789	0.63251527	1.224552080	0.816625129	1.580989499	1.291075753
0.8861	0.77461114	0.63243781	1.224802064	0.816458455	1.581183131	1.290970336
0.8862	0.77467438	0.63236035	1.225052108	0.816291808	1.581376827	1.290864949
0.8863	0.77473761	0.63228288	1.225302214	0.816125188	1.581570585	1.290759591
0.8864	0.77480083	0.63220540	1.225552381	0.815958596	1.581764407	1.290654264
0.8865	0.77486405	0.63212792	1.225802610	0.815792030	1.581958292	1.290548967
0.8866	0.77492726	0.63205043	1.226052900	0.815625492	1.582152241	1.290443700
0.8867	0.77499046	0.63197293	1.226303251	0.815458981	1.582346253	1.290338464
0.8868	0.77505365	0.63189543	1.226553664	0.815292498	1.582540328	1.290233257
0.8869	0.77511684	0.63181792	1.226804138	0.815126041	1.582734467	1.290128080
0.8870	0.77518002	0.63174041	1.227054673	0.814959612	1.582928669	1.290022933
0.8871	0.77524319	0.63166288	1.227305270	0.814793209	1.583122935	1.289917817
0.8872	0.77530635	0.63158536	1.227555929	0.814626834	1.583317264	1.289812730
0.8873	0.77536950	0.63150782	1.227806649	0.814460486	1.583511657	1.289707673
0.8874	0.77543265	0.63143028	1.228057431	0.814294165	1.583706113	1.289602647
0.8875	0.77549579	0.63135274	1.228308274	0.814127871	1.583900633	1.289497650
0.8876	0.77555892	0.63127518	1.228559179	0.813961604	1.584095217	1.289392684
0.8877	0.77562205	0.63119763	1.228810146	0.813795364	1.584289864	1.289287747
0.8878	0.77568516	0.63112006	1.229061174	0.813629151	1.584484575	1.289182840
0.8879	0.77574827	0.63104249	1.229312264	0.813462966	1.584679350	1.289077964
0.8880	0.77581137	0.63096491	1.229563416	0.813296807	1.584874188	1.288973117
0.8881	0.77587446	0.63088733	1.229814629	0.813130675	1.585069091	1.288868300
0.8882	0.77593755	0.63080974	1.230065904	0.812964571	1.585264057	1.288763513
0.8883	0.77600062	0.63073214	1.230317242	0.812798493	1.585459087	1.288658756
0.8884	0.77606369	0.63065454	1.230568641	0.812632442	1.585654180	1.288554029
0.8885	0.77612676	0.63057693	1.230820101	0.812466419	1.585849338	1.288449332
0.8886	0.77618981	0.63049931	1.231071624	0.812300422	1.586044559	1.288344665
0.8887	0.77625286	0.63042169	1.231323209	0.812134452	1.586239845	1.288240028
0.8888	0.77631589	0.63034406	1.231574856	0.811968510	1.586435194	1.288135420
0.8889	0.77637892	0.63026642	1.231826564	0.811802594	1.586630607	1.288030843
0.8890	0.77644195	0.63018878	1.232078335	0.811636705	1.586826085	1.287926295
0.8891	0.77650496	0.63011114	1.232330168	0.811470843	1.587021626	1.287821777
0.8892	0.77656797	0.63003348	1.232582063	0.811305008	1.587217232	1.287717289
0.8893	0.77663097	0.62995582	1.232834019	0.811139200	1.587412901	1.287612831
0.8894	0.77669396	0.62987816	1.233086038	0.810973419	1.587608635	1.287508402
0.8895	0.77675694	0.62980048	1.233338120	0.810807664	1.587804433	1.287404004
0.8896	0.77681992	0.62972280	1.233590263	0.810641937	1.588000295	1.287299635
0.8897	0.77688289	0.62964512	1.233842469	0.810476236	1.588196221	1.287195296
0.8898	0.77694585	0.62956743	1.234094737	0.810310562	1.588392212	1.287090987
0.8899	0.77700880	0.62948973	1.234347067	0.810144916	1.588588267	1.286986707

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.8900	0.77707175	0.62941203	1.234599459	0.809979295	1.588784386	1.286882457
0.8901	0.77713468	0.62933432	1.234851914	0.809813702	1.588980569	1.286778237
0.8902	0.77719761	0.62925660	1.235104431	0.809648136	1.589176817	1.286674047
0.8903	0.77726054	0.62917888	1.235357010	0.809482596	1.589373129	1.286569887
0.8904	0.77732345	0.62910115	1.235609652	0.809317083	1.589569506	1.286465756
0.8905	0.77738636	0.62902341	1.235862357	0.809151597	1.589765946	1.286361655
0.8906	0.77744925	0.62894567	1.236115123	0.808986138	1.589962452	1.286257584
0.8907	0.77751215	0.62886792	1.236367953	0.808820706	1.590159022	1.286153542
0.8908	0.77757503	0.62879017	1.236620845	0.808655300	1.590355656	1.286049530
0.8909	0.77763790	0.62871241	1.236873799	0.808489921	1.590552355	1.285945548
0.8910	0.77770077	0.62863464	1.237126816	0.808324569	1.590749119	1.285841595
0.8911	0.77776363	0.62855687	1.237379896	0.808159243	1.590945947	1.285737672
0.8912	0.77782648	0.62847909	1.237633038	0.807993944	1.591142840	1.285633779
0.8913	0.77788933	0.62840130	1.237886243	0.807828672	1.591339797	1.285529916
0.8914	0.77795216	0.62832351	1.238139510	0.807663427	1.591536819	1.285426082
0.8915	0.77801499	0.62824571	1.238392841	0.807498208	1.591733906	1.285322277
0.8916	0.77807781	0.62816791	1.238646234	0.807333016	1.591931058	1.285218503
0.8917	0.77814062	0.62809010	1.238899689	0.807167851	1.592128274	1.285114757
0.8918	0.77820343	0.62801228	1.239153208	0.807002712	1.592325555	1.285011042
0.8919	0.77826623	0.62793446	1.239406790	0.806837600	1.592522901	1.284907356
0.8920	0.77832902	0.62785663	1.239660434	0.806672515	1.592720312	1.284803700
0.8921	0.77839180	0.62777879	1.239914141	0.806507456	1.592917787	1.284700073
0.8922	0.77845457	0.62770095	1.240167911	0.806342424	1.593115328	1.284596476
0.8923	0.77851734	0.62762310	1.240421745	0.806177419	1.593312934	1.284492908
0.8924	0.77858010	0.62754524	1.240675641	0.806012440	1.593510604	1.284389370
0.8925	0.77864285	0.62746738	1.240929600	0.805847487	1.593708340	1.284285861
0.8926	0.77870559	0.62738951	1.241183622	0.805682562	1.593906140	1.284182382
0.8927	0.77876833	0.62731164	1.241437707	0.805517663	1.594104006	1.284078932
0.8928	0.77883105	0.62723376	1.241691855	0.805352790	1.594301936	1.283975512
0.8929	0.77889377	0.62715587	1.241946067	0.805187944	1.594499932	1.283872122
0.8930	0.77895648	0.62707798	1.242200341	0.805023124	1.594697993	1.283768761
0.8931	0.77901919	0.62700008	1.242454679	0.804858331	1.594896119	1.283665429
0.8932	0.77908188	0.62692218	1.242709080	0.804693565	1.595094310	1.283562127
0.8933	0.77914457	0.62684427	1.242963544	0.804528825	1.595292566	1.283458854
0.8934	0.77920725	0.62676635	1.243218072	0.804364112	1.595490888	1.283355611
0.8935	0.77926993	0.62668843	1.243472663	0.804199425	1.595689275	1.283252397
0.8936	0.77933259	0.62661050	1.243727317	0.804034764	1.595887727	1.283149213
0.8937	0.77939525	0.62653256	1.243982034	0.803870130	1.596086245	1.283046058
0.8938	0.77945790	0.62645462	1.244236815	0.803705523	1.596284828	1.282942932
0.8939	0.77952054	0.62637667	1.244491659	0.803540942	1.596483476	1.282839836
0.8940	0.77958317	0.62629871	1.244746567	0.803376387	1.596682190	1.282736769
0.8941	0.77964580	0.62622075	1.245001538	0.803211859	1.596880969	1.282633732
0.8942	0.77970842	0.62614278	1.245256573	0.803047357	1.597079814	1.282530724
0.8943	0.77977103	0.62606481	1.245511671	0.802882882	1.597278724	1.282427745
0.8944	0.77983363	0.62598683	1.245766833	0.802718433	1.597477700	1.282324796
0.8945	0.77989622	0.62590884	1.246022058	0.802554011	1.597676741	1.282221876
0.8946	0.77995881	0.62583085	1.246277347	0.802389615	1.597875848	1.282118986
0.8947	0.78002139	0.62575285	1.246532699	0.802225245	1.598075020	1.282016125
0.8948	0.78008396	0.62567485	1.246788116	0.802060902	1.598274258	1.281913293
0.8949	0.78014653	0.62559683	1.247043595	0.801896585	1.598473562	1.281810490

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.8950	0.78020908	0.62551882	1.247299139	0.801732294	1.598672932	1.281707717
0.8951	0.78027163	0.62544079	1.247554746	0.801568030	1.598872367	1.281604973
0.8952	0.78033417	0.62536276	1.247810418	0.801403792	1.599071868	1.281502258
0.8953	0.78039670	0.62528473	1.248066153	0.801239580	1.599271435	1.281399573
0.8954	0.78045923	0.62520668	1.248321952	0.801075395	1.599471067	1.281296916
0.8955	0.78052174	0.62512863	1.248577814	0.800911236	1.599670766	1.281194289
0.8956	0.78058425	0.62505058	1.248833741	0.800747103	1.599870530	1.281091692
0.8957	0.78064675	0.62497252	1.249089731	0.800582996	1.600070360	1.280989123
0.8958	0.78070925	0.62489445	1.249345786	0.800418916	1.600270256	1.280886584
0.8959	0.78077173	0.62481637	1.249601904	0.800254862	1.600470218	1.280784074
0.8960	0.78083421	0.62473829	1.249858087	0.800090835	1.600670246	1.280681593
0.8961	0.78089668	0.62466021	1.250114333	0.799926833	1.600870340	1.280579142
0.8962	0.78095914	0.62458212	1.250370644	0.799762858	1.601070500	1.280476720
0.8963	0.78102160	0.62450402	1.250627019	0.799598909	1.601270727	1.280374326
0.8964	0.78108404	0.62442591	1.250883458	0.799434986	1.601471019	1.280271962
0.8965	0.78114648	0.62434780	1.251139961	0.799271090	1.601671377	1.280169628
0.8966	0.78120891	0.62426968	1.251396528	0.799107220	1.601871802	1.280067322
0.8967	0.78127134	0.62419156	1.251653159	0.798943375	1.602072293	1.279965045
0.8968	0.78133375	0.62411343	1.251909855	0.798779557	1.602272850	1.279862798
0.8969	0.78139616	0.62403529	1.252166615	0.798615766	1.602473473	1.279760580
0.8970	0.78145856	0.62395715	1.252423439	0.798452000	1.602674163	1.279658391
0.8971	0.78152095	0.62387900	1.252680328	0.798288261	1.602874918	1.279556230
0.8972	0.78158333	0.62380084	1.252937281	0.798124547	1.603075741	1.279454100
0.8973	0.78164571	0.62372268	1.253194298	0.797960860	1.603276629	1.279351998
0.8974	0.78170808	0.62364451	1.253451380	0.797797199	1.603477584	1.279249925
0.8975	0.78177044	0.62356634	1.253708526	0.797633564	1.603678605	1.279147881
0.8976	0.78183279	0.62348816	1.253965737	0.797469955	1.603879693	1.279045867
0.8977	0.78189514	0.62340997	1.254223012	0.797306372	1.604080847	1.278943881
0.8978	0.78195747	0.62333178	1.254480352	0.797142816	1.604282068	1.278841925
0.8979	0.78201980	0.62325358	1.254737757	0.796979285	1.604483355	1.278739997
0.8980	0.78208212	0.62317538	1.254995226	0.796815780	1.604684709	1.278638099
0.8981	0.78214444	0.62309717	1.255252759	0.796652302	1.604886130	1.278536229
0.8982	0.78220674	0.62301895	1.255510357	0.796488849	1.605087617	1.278434389
0.8983	0.78226904	0.62294073	1.255768020	0.796325423	1.605289171	1.278332578
0.8984	0.78233133	0.62286250	1.256025748	0.796162023	1.605490791	1.278230795
0.8985	0.78239361	0.62278426	1.256283541	0.795998648	1.605692478	1.278129042
0.8986	0.78245589	0.62270602	1.256541398	0.795835300	1.605894232	1.278027318
0.8987	0.78251815	0.62262777	1.256799320	0.795671977	1.606096053	1.277925622
0.8988	0.78258041	0.62254951	1.257057307	0.795508681	1.606297940	1.277823956
0.8989	0.78264266	0.62247125	1.257315358	0.795345411	1.606499894	1.277722318
0.8990	0.78270491	0.62239298	1.257573475	0.795182166	1.606701916	1.277620709
0.8991	0.78276714	0.62231471	1.257831657	0.795018948	1.606904004	1.277519130
0.8992	0.78282937	0.62223643	1.258089903	0.794855755	1.607106158	1.277417579
0.8993	0.78289159	0.62215814	1.258348215	0.794692588	1.607308380	1.277316057
0.8994	0.78295380	0.62207985	1.258606591	0.794529448	1.607510669	1.277214564
0.8995	0.78301601	0.62200155	1.258865033	0.794366333	1.607713025	1.277113100
0.8996	0.78307820	0.62192325	1.259123540	0.794203244	1.607915448	1.277011665
0.8997	0.78314039	0.62184494	1.259382111	0.794040181	1.608117938	1.276910259
0.8998	0.78320257	0.62176662	1.259640748	0.793877144	1.608320495	1.276808882
0.8999	0.78326474	0.62168830	1.259899450	0.793714133	1.608523119	1.276707533

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.9000	0.78332691	0.62160997	1.260158218	0.793551148	1.608725810	1.276606213
0.9001	0.78338907	0.62153163	1.260417050	0.793388188	1.608928569	1.276504923
0.9002	0.78345122	0.62145329	1.260675948	0.793225255	1.609131395	1.276403661
0.9003	0.78351336	0.62137494	1.260934911	0.793062347	1.609334288	1.276302428
0.9004	0.78357549	0.62129659	1.261193939	0.792899465	1.609537248	1.276201223
0.9005	0.78363762	0.62121823	1.261453033	0.792736609	1.609740275	1.276100048
0.9006	0.78369973	0.62113986	1.261712192	0.792573779	1.609943370	1.275998901
0.9007	0.78376184	0.62106149	1.261971416	0.792410975	1.610146532	1.275897783
0.9008	0.78382395	0.62098311	1.262230706	0.792248196	1.610349762	1.275796694
0.9009	0.78388604	0.62090472	1.262490062	0.792085443	1.610553059	1.275695633
0.9010	0.78394813	0.62082633	1.262749483	0.791922716	1.610756423	1.275594602
0.9011	0.78401021	0.62074793	1.263008969	0.791760015	1.610959855	1.275493599
0.9012	0.78407228	0.62066953	1.263268521	0.791597339	1.611163355	1.275392625
0.9013	0.78413434	0.62059112	1.263528138	0.791434690	1.611366922	1.275291680
0.9014	0.78419640	0.62051270	1.263787822	0.791272066	1.611570556	1.275190763
0.9015	0.78425844	0.62043428	1.264047570	0.791109467	1.611774258	1.275089875
0.9016	0.78432048	0.62035585	1.264307385	0.790946895	1.611978028	1.274989016
0.9017	0.78438251	0.62027741	1.264567265	0.790784348	1.612181866	1.274888185
0.9018	0.78444454	0.62019897	1.264827211	0.790621827	1.612385771	1.274787383
0.9019	0.78450655	0.62012053	1.265087223	0.790459331	1.612589743	1.274686610
0.9020	0.78456856	0.62004207	1.265347300	0.790296862	1.612793784	1.274585866
0.9021	0.78463056	0.61996361	1.265607443	0.790134417	1.612997892	1.274485150
0.9022	0.78469255	0.61988515	1.265867653	0.789971999	1.613202068	1.274384463
0.9023	0.78475454	0.61980667	1.266127928	0.789809606	1.613406312	1.274283804
0.9024	0.78481652	0.61972820	1.266388269	0.789647239	1.613610624	1.274183175
0.9025	0.78487849	0.61964971	1.266648675	0.789484898	1.613815004	1.274082573
0.9026	0.78494045	0.61957122	1.266909148	0.789322582	1.614019452	1.273982001
0.9027	0.78500240	0.61949272	1.267169687	0.789160292	1.614223967	1.273881457
0.9028	0.78506434	0.61941422	1.267430292	0.788998027	1.614428551	1.273780941
0.9029	0.78512628	0.61933571	1.267690963	0.788835788	1.614633202	1.273680455
0.9030	0.78518821	0.61925719	1.267951700	0.788673575	1.614837922	1.273579997
0.9031	0.78525013	0.61917867	1.268212503	0.788511387	1.615042710	1.273479567
0.9032	0.78531205	0.61910014	1.268473373	0.788349225	1.615247565	1.273379166
0.9033	0.78537395	0.61902161	1.268734308	0.788187088	1.615452489	1.273278793
0.9034	0.78543585	0.61894307	1.268995310	0.788024977	1.615657481	1.273178449
0.9035	0.78549774	0.61886452	1.269256378	0.787862891	1.615862542	1.273078134
0.9036	0.78555962	0.61878597	1.269517513	0.787700831	1.616067670	1.272977847
0.9037	0.78562150	0.61870741	1.269778713	0.787538797	1.616272867	1.272877589
0.9038	0.78568337	0.61862885	1.270039980	0.787376788	1.616478132	1.272777359
0.9039	0.78574523	0.61855027	1.270301313	0.787214804	1.616683465	1.272677158
0.9040	0.78580708	0.61847170	1.270562713	0.787052846	1.616888867	1.272576985
0.9041	0.78586892	0.61839311	1.270824179	0.786890914	1.617094337	1.272476841
0.9042	0.78593075	0.61831452	1.271085712	0.786729007	1.617299876	1.272376725
0.9043	0.78599258	0.61823593	1.271347311	0.786567125	1.617505482	1.272276638
0.9044	0.78605440	0.61815732	1.271608977	0.786405269	1.617711158	1.272176579
0.9045	0.78611621	0.61807872	1.271870709	0.786243439	1.617916902	1.272076548
0.9046	0.78617802	0.61800010	1.272132508	0.786081634	1.618122714	1.271976546
0.9047	0.78623981	0.61792148	1.272394373	0.785919854	1.618328595	1.271876573
0.9048	0.78630160	0.61784285	1.272656305	0.785758100	1.618534544	1.271776628
0.9049	0.78636338	0.61776422	1.272918304	0.785596371	1.618740563	1.271676711

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.9050	0.78642515	0.61768558	1.273180370	0.785434667	1.618946649	1.271576823
0.9051	0.78648692	0.61760693	1.273442502	0.785272989	1.619152805	1.271476963
0.9052	0.78654868	0.61752828	1.273704701	0.785111337	1.619359029	1.271377132
0.9053	0.78661043	0.61744962	1.273966967	0.784949709	1.619565322	1.271277329
0.9054	0.78667217	0.61737096	1.274229299	0.784788107	1.619771684	1.271177554
0.9055	0.78673390	0.61729229	1.274491699	0.784626531	1.619978114	1.271077808
0.9056	0.78679562	0.61721361	1.274754165	0.784464980	1.620184613	1.270978090
0.9057	0.78685734	0.61713493	1.275016698	0.784303454	1.620391181	1.270878400
0.9058	0.78691905	0.61705624	1.275279298	0.784141953	1.620597818	1.270778739
0.9059	0.78698075	0.61697755	1.275541966	0.783980478	1.620804524	1.270679106
0.9060	0.78704245	0.61689885	1.275804700	0.783819028	1.621011299	1.270579501
0.9061	0.78710413	0.61682014	1.276067501	0.783657604	1.621218143	1.270479925
0.9062	0.78716581	0.61674143	1.276330370	0.783496204	1.621425056	1.270380377
0.9063	0.78722748	0.61666271	1.276593305	0.783334830	1.621632038	1.270280857
0.9064	0.78728914	0.61658398	1.276856308	0.783173482	1.621839089	1.270181366
0.9065	0.78735080	0.61650525	1.277119378	0.783012158	1.622046209	1.270081903
0.9066	0.78741244	0.61642651	1.277382515	0.782850860	1.622253398	1.269982468
0.9067	0.78747408	0.61634777	1.277645719	0.782689587	1.622460657	1.269883061
0.9068	0.78753571	0.61626901	1.277908990	0.782528339	1.622667984	1.269783683
0.9069	0.78759734	0.61619026	1.278172329	0.782367117	1.622875381	1.269684333
0.9070	0.78765895	0.61611150	1.278435735	0.782205920	1.623082847	1.269585011
0.9071	0.78772056	0.61603273	1.278699209	0.782044748	1.623290383	1.269485718
0.9072	0.78778216	0.61595395	1.278962750	0.781883601	1.623497987	1.269386452
0.9073	0.78784375	0.61587517	1.279226358	0.781722479	1.623705661	1.269287215
0.9074	0.78790533	0.61579638	1.279490034	0.781561383	1.623913405	1.269188006
0.9075	0.78796691	0.61571759	1.279753777	0.781400312	1.624121217	1.269088826
0.9076	0.78802848	0.61563879	1.280017587	0.781239266	1.624329100	1.268989673
0.9077	0.78809004	0.61555998	1.280281466	0.781078245	1.624537051	1.268890549
0.9078	0.78815159	0.61548117	1.280545412	0.780917249	1.624745073	1.268791452
0.9079	0.78821313	0.61540235	1.280809425	0.780756278	1.624953163	1.268692384
0.9080	0.78827467	0.61532353	1.281073506	0.780595333	1.625161324	1.268593344
0.9081	0.78833620	0.61524470	1.281337655	0.780434413	1.625369554	1.268494333
0.9082	0.78839772	0.61516586	1.281601871	0.780273517	1.625577853	1.268395349
0.9083	0.78845923	0.61508702	1.281866156	0.780112647	1.625786222	1.268296394
0.9084	0.78852074	0.61500817	1.282130508	0.779951802	1.625994661	1.268197466
0.9085	0.78858223	0.61492931	1.282394927	0.779790982	1.626203170	1.268098567
0.9086	0.78864372	0.61485045	1.282659415	0.779630187	1.626411748	1.267999696
0.9087	0.78870520	0.61477159	1.282923970	0.779469418	1.626620396	1.267900853
0.9088	0.78876668	0.61469271	1.283188594	0.779308673	1.626829114	1.267802038
0.9089	0.78882814	0.61461383	1.283453285	0.779147953	1.627037902	1.267703251
0.9090	0.78888960	0.61453495	1.283718044	0.778987259	1.627246760	1.267604492
0.9091	0.78895105	0.61445605	1.283982871	0.778826589	1.627455687	1.267505762
0.9092	0.78901249	0.61437716	1.284247767	0.778665944	1.627664685	1.267407059
0.9093	0.78907392	0.61429825	1.284512730	0.778505325	1.627873752	1.267308384
0.9094	0.78913535	0.61421934	1.284777761	0.778344730	1.628082890	1.267209738
0.9095	0.78919677	0.61414042	1.285042861	0.778184161	1.628292097	1.267111119
0.9096	0.78925818	0.61406150	1.285308028	0.778023616	1.628501375	1.267012528
0.9097	0.78931958	0.61398257	1.285573264	0.777863097	1.628710722	1.266913966
0.9098	0.78938097	0.61390364	1.285838568	0.777702602	1.628920140	1.266815431
0.9099	0.78944236	0.61382470	1.286103940	0.777542132	1.629129628	1.266716925

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.9100	0.78950374	0.61374575	1.286369381	0.777381688	1.629339186	1.266618446
0.9101	0.78956511	0.61366680	1.286634889	0.777221268	1.629548815	1.266519996
0.9102	0.78962647	0.61358784	1.286900467	0.777060873	1.629758513	1.266421573
0.9103	0.78968783	0.61350887	1.287166112	0.776900503	1.629968282	1.266323178
0.9104	0.78974917	0.61342990	1.287431826	0.776740158	1.630178121	1.266224811
0.9105	0.78981051	0.61335092	1.287697608	0.776579838	1.630388031	1.266126473
0.9106	0.78987185	0.61327194	1.287963459	0.776419543	1.630598010	1.266028162
0.9107	0.78993317	0.61319295	1.288229378	0.776259273	1.630808061	1.265929879
0.9108	0.78999448	0.61311395	1.288495366	0.776099027	1.631018181	1.265831624
0.9109	0.79005579	0.61303495	1.288761422	0.775938807	1.631228373	1.265733397
0.9110	0.79011709	0.61295594	1.289027547	0.775778611	1.631438634	1.265635198
0.9111	0.79017838	0.61287692	1.289293741	0.775618440	1.631648966	1.265537026
0.9112	0.79023967	0.61279790	1.289560003	0.775458294	1.631859369	1.265438883
0.9113	0.79030094	0.61271888	1.289826334	0.775298173	1.632069843	1.265340767
0.9114	0.79036221	0.61263984	1.290092733	0.775138077	1.632280387	1.265242679
0.9115	0.79042347	0.61256080	1.290359202	0.774978005	1.632491001	1.265144620
0.9116	0.79048472	0.61248176	1.290625739	0.774817958	1.632701687	1.265046588
0.9117	0.79054597	0.61240271	1.290892345	0.774657937	1.632912443	1.264948583
0.9118	0.79060720	0.61232365	1.291159019	0.774497940	1.633123269	1.264850607
0.9119	0.79066843	0.61224459	1.291425763	0.774337967	1.633334167	1.264752659
0.9120	0.79072965	0.61216552	1.291692575	0.774178020	1.633545135	1.264654738
0.9121	0.79079086	0.61208644	1.291959457	0.774018097	1.633756175	1.264556845
0.9122	0.79085207	0.61200736	1.292226407	0.773858199	1.633967285	1.264458980
0.9123	0.79091327	0.61192827	1.292493427	0.773698326	1.634178466	1.264361143
0.9124	0.79097445	0.61184917	1.292760515	0.773538477	1.634389718	1.264263333
0.9125	0.79103564	0.61177007	1.293027673	0.773378653	1.634601041	1.264165551
0.9126	0.79109681	0.61169097	1.293294899	0.773218854	1.634812435	1.264067797
0.9127	0.79115797	0.61161185	1.293562195	0.773059080	1.635023900	1.263970071
0.9128	0.79121913	0.61153274	1.293829560	0.772899330	1.635235436	1.263872373
0.9129	0.79128028	0.61145361	1.294096994	0.772739605	1.635447043	1.263774702
0.9130	0.79134142	0.61137448	1.294364497	0.772579905	1.635658721	1.263677059
0.9131	0.79140255	0.61129534	1.294632070	0.772420229	1.635870471	1.263579444
0.9132	0.79146368	0.61121620	1.294899712	0.772260578	1.636082291	1.263481856
0.9133	0.79152480	0.61113705	1.295167423	0.772100952	1.636294183	1.263384296
0.9134	0.79158591	0.61105789	1.295435203	0.771941350	1.636506146	1.263286764
0.9135	0.79164701	0.61097873	1.295703053	0.771781773	1.636718181	1.263189260
0.9136	0.79170810	0.61089957	1.295970973	0.771622221	1.636930286	1.263091783
0.9137	0.79176919	0.61082039	1.296238962	0.771462693	1.637142463	1.262994334
0.9138	0.79183027	0.61074121	1.296507020	0.771303190	1.637354712	1.262896912
0.9139	0.79189134	0.61066203	1.296775148	0.771143711	1.637567032	1.262799518
0.9140	0.79195240	0.61058283	1.297043345	0.770984257	1.637779423	1.262702152
0.9141	0.79201345	0.61050363	1.297311612	0.770824828	1.637991886	1.262604814
0.9142	0.79207450	0.61042443	1.297579949	0.770665423	1.638204420	1.262507503
0.9143	0.79213554	0.61034522	1.297848355	0.770506043	1.638417026	1.262410219
0.9144	0.79219657	0.61026600	1.298116831	0.770346687	1.638629704	1.262312964
0.9145	0.79225759	0.61018678	1.298385376	0.770187356	1.638842453	1.262215736
0.9146	0.79231861	0.61010755	1.298653992	0.770028049	1.639055274	1.262118535
0.9147	0.79237961	0.61002832	1.298922677	0.769868767	1.639268166	1.262021362
0.9148	0.79244061	0.60994908	1.299191432	0.769709510	1.639481130	1.261924217
0.9149	0.79250160	0.60986983	1.299460256	0.769550277	1.639694166	1.261827099

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.9150	0.79256259	0.60979058	1.299729151	0.769391068	1.639907274	1.261730009
0.9151	0.79262356	0.60971132	1.299998116	0.769231884	1.640120453	1.261632947
0.9152	0.79268453	0.60963205	1.300267150	0.769072725	1.640333704	1.261535912
0.9153	0.79274549	0.60955278	1.300536254	0.768913590	1.640547027	1.261438904
0.9154	0.79280644	0.60947350	1.300805429	0.768754479	1.640760422	1.261341924
0.9155	0.79286738	0.60939422	1.301074673	0.768595393	1.640973889	1.261244972
0.9156	0.79292832	0.60931493	1.301343988	0.768436331	1.641187428	1.261148047
0.9157	0.79298925	0.60923563	1.301613373	0.768277294	1.641401039	1.261051149
0.9158	0.79305017	0.60915633	1.301882827	0.768118281	1.641614722	1.260954279
0.9159	0.79311108	0.60907702	1.302152352	0.767959293	1.641828477	1.260857437
0.9160	0.79317198	0.60899771	1.302421948	0.767800329	1.642042304	1.260760622
0.9161	0.79323288	0.60891839	1.302691613	0.767641390	1.642256204	1.260663834
0.9162	0.79329376	0.60883906	1.302961349	0.767482474	1.642470175	1.260567074
0.9163	0.79335464	0.60875973	1.303231155	0.767323584	1.642684219	1.260470342
0.9164	0.79341552	0.60868039	1.303501031	0.767164717	1.642898335	1.260373636
0.9165	0.79347638	0.60860105	1.303770978	0.767005875	1.643112523	1.260276959
0.9166	0.79353724	0.60852170	1.304040995	0.766847058	1.643326783	1.260180308
0.9167	0.79359809	0.60844234	1.304311082	0.766688264	1.643541116	1.260083686
0.9168	0.79365893	0.60836298	1.304581240	0.766529496	1.643755521	1.259987090
0.9169	0.79371976	0.60828361	1.304851469	0.766370751	1.643969998	1.259890522
0.9170	0.79378058	0.60820423	1.305121768	0.766212031	1.644184548	1.259793982
0.9171	0.79384140	0.60812485	1.305392137	0.766053335	1.644399171	1.259697468
0.9172	0.79390221	0.60804546	1.305662578	0.765894663	1.644613865	1.259600982
0.9173	0.79396301	0.60796607	1.305933088	0.765736016	1.644828633	1.259504524
0.9174	0.79402380	0.60788667	1.306203670	0.765577393	1.645043473	1.259408093
0.9175	0.79408458	0.60780727	1.306474322	0.765418794	1.645258385	1.259311689
0.9176	0.79414536	0.60772785	1.306745045	0.765260220	1.645473370	1.259215313
0.9177	0.79420613	0.60764844	1.307015838	0.765101669	1.645688428	1.259118964
0.9178	0.79426689	0.60756901	1.307286703	0.764943144	1.645903558	1.259022642
0.9179	0.79432764	0.60748958	1.307557638	0.764784642	1.646118762	1.258926347
0.9180	0.79438839	0.60741015	1.307828644	0.764626164	1.646334037	1.258830080
0.9181	0.79444913	0.60733071	1.308099721	0.764467711	1.646549386	1.258733841
0.9182	0.79450986	0.60725126	1.308370869	0.764309282	1.646764808	1.258637628
0.9183	0.79457058	0.60717180	1.308642088	0.764150877	1.646980302	1.258541443
0.9184	0.79463129	0.60709234	1.308913378	0.763992497	1.647195869	1.258445285
0.9185	0.79469200	0.60701288	1.309184739	0.763834141	1.647411509	1.258349154
0.9186	0.79475269	0.60693340	1.309456171	0.763675808	1.647627222	1.258253051
0.9187	0.79481338	0.60685393	1.309727674	0.763517500	1.647843008	1.258156975
0.9188	0.79487406	0.60677444	1.309999248	0.763359217	1.648058868	1.258060926
0.9189	0.79493474	0.60669495	1.310270894	0.763200957	1.648274800	1.257964904
0.9190	0.79499540	0.60661546	1.310542610	0.763042721	1.648490805	1.257868910
0.9191	0.79505606	0.60653595	1.310814398	0.762884510	1.648706883	1.257772943
0.9192	0.79511671	0.60645644	1.311086257	0.762726323	1.648923035	1.257677003
0.9193	0.79517735	0.60637693	1.311358188	0.762568160	1.649139259	1.257581090
0.9194	0.79523798	0.60629741	1.311630189	0.762410021	1.649355557	1.257485205
0.9195	0.79529861	0.60621788	1.311902262	0.762251906	1.649571928	1.257389346
0.9196	0.79535923	0.60613835	1.312174407	0.762093815	1.649788372	1.257293515
0.9197	0.79541984	0.60605881	1.312446623	0.761935749	1.650004890	1.257197711
0.9198	0.79548044	0.60597926	1.312718910	0.761777706	1.650221481	1.257101934
0.9199	0.79554103	0.60589971	1.312991269	0.761619688	1.650438146	1.257006185

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.9200	0.79560162	0.60582016	1.313263699	0.761461693	1.650654883	1.256910462
0.9201	0.79566220	0.60574059	1.313536201	0.761303723	1.650871695	1.256814767
0.9202	0.79572277	0.60566102	1.313808775	0.761145776	1.651088579	1.256719099
0.9203	0.79578333	0.60558145	1.314081420	0.760987854	1.651305538	1.256623458
0.9204	0.79584388	0.60550187	1.314354137	0.760829956	1.651522569	1.256527844
0.9205	0.79590443	0.60542228	1.314626925	0.760672082	1.651739675	1.256432257
0.9206	0.79596497	0.60534269	1.314899786	0.760514232	1.651956854	1.256336697
0.9207	0.79602550	0.60526309	1.315172718	0.760356405	1.652174106	1.256241164
0.9208	0.79608602	0.60518348	1.315445721	0.760198603	1.652391432	1.256145659
0.9209	0.79614654	0.60510387	1.315718797	0.760040825	1.652608832	1.256050180
0.9210	0.79620704	0.60502425	1.315991945	0.759883071	1.652826306	1.255954729
0.9211	0.79626754	0.60494463	1.316265164	0.759725341	1.653043854	1.255859305
0.9212	0.79632803	0.60486500	1.316538455	0.759567634	1.653261475	1.255763907
0.9213	0.79638851	0.60478536	1.316811819	0.759409952	1.653479170	1.255668537
0.9214	0.79644899	0.60470572	1.317085254	0.759252294	1.653696939	1.255573194
0.9215	0.79650945	0.60462607	1.317358762	0.759094659	1.653914782	1.255477878
0.9216	0.79656991	0.60454642	1.317632341	0.758937049	1.654132699	1.255382589
0.9217	0.79663036	0.60446676	1.317905993	0.758779462	1.654350690	1.255287326
0.9218	0.79669081	0.60438709	1.318179716	0.758621899	1.654568755	1.255192091
0.9219	0.79675124	0.60430742	1.318453512	0.758464361	1.654786894	1.255096883
0.9220	0.79681167	0.60422774	1.318727380	0.758306846	1.655005107	1.255001702
0.9221	0.79687209	0.60414806	1.319001321	0.758149355	1.655223394	1.254906548
0.9222	0.79693250	0.60406837	1.319275333	0.757991888	1.655441755	1.254811421
0.9223	0.79699290	0.60398867	1.319549418	0.757834444	1.655660191	1.254716321
0.9224	0.79705330	0.60390897	1.319823575	0.757677025	1.655878700	1.254621247
0.9225	0.79711368	0.60382926	1.320097805	0.757519629	1.656097284	1.254526201
0.9226	0.79717406	0.60374955	1.320372107	0.757362258	1.656315942	1.254431182
0.9227	0.79723443	0.60366983	1.320646481	0.757204910	1.656534675	1.254336189
0.9228	0.79729480	0.60359010	1.320920928	0.757047586	1.656753482	1.254241224
0.9229	0.79735515	0.60351037	1.321195448	0.756890286	1.656972363	1.254146285
0.9230	0.79741550	0.60343063	1.321470040	0.756733009	1.657191319	1.254051374
0.9231	0.79747584	0.60335088	1.321744704	0.756575757	1.657410349	1.253956489
0.9232	0.79753617	0.60327113	1.322019442	0.756418528	1.657629453	1.253861631
0.9233	0.79759649	0.60319138	1.322294252	0.756261323	1.657848632	1.253766800
0.9234	0.79765681	0.60311161	1.322569134	0.756104142	1.658067886	1.253671996
0.9235	0.79771711	0.60303185	1.322844089	0.755946984	1.658287214	1.253577219
0.9236	0.79777741	0.60295207	1.323119117	0.755789851	1.658506617	1.253482468
0.9237	0.79783770	0.60287229	1.323394218	0.755632741	1.658726095	1.253387745
0.9238	0.79789799	0.60279250	1.323669392	0.755475654	1.658945647	1.253293048
0.9239	0.79795826	0.60271271	1.323944638	0.755318592	1.659165274	1.253198378
0.9240	0.79801853	0.60263291	1.324219958	0.755161553	1.659384975	1.253103735
0.9241	0.79807879	0.60255311	1.324495350	0.755004538	1.659604752	1.253009119
0.9242	0.79813904	0.60247330	1.324770815	0.754847547	1.659824603	1.252914530
0.9243	0.79819928	0.60239348	1.325046354	0.754690579	1.660044529	1.252819967
0.9244	0.79825952	0.60231366	1.325321965	0.754533635	1.660264530	1.252725431
0.9245	0.79831975	0.60223383	1.325597649	0.754376715	1.660484606	1.252630923
0.9246	0.79837997	0.60215399	1.325873407	0.754219818	1.660704757	1.252536440
0.9247	0.79844018	0.60207415	1.326149237	0.754062945	1.660924983	1.252441985
0.9248	0.79850038	0.60199430	1.326425141	0.753906096	1.661145284	1.252347556
0.9249	0.79856058	0.60191445	1.326701118	0.753749271	1.661365660	1.252253154

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.9250	0.79862076	0.60183459	1.326977168	0.753592469	1.661586111	1.252158779
0.9251	0.79868094	0.60175473	1.327253292	0.753435690	1.661806638	1.252064431
0.9252	0.79874111	0.60167486	1.327529489	0.753278935	1.662027239	1.251970109
0.9253	0.79880128	0.60159498	1.327805759	0.753122204	1.662247916	1.251875814
0.9254	0.79886143	0.60151510	1.328082102	0.752965497	1.662468667	1.251781546
0.9255	0.79892158	0.60143521	1.328358519	0.752808813	1.662689495	1.251687305
0.9256	0.79898172	0.60135531	1.328635010	0.752652153	1.662910397	1.251593090
0.9257	0.79904185	0.60127541	1.328911573	0.752495516	1.663131375	1.251498902
0.9258	0.79910198	0.60119550	1.329188211	0.752338903	1.663352428	1.251404741
0.9259	0.79916209	0.60111559	1.329464922	0.752182313	1.663573556	1.251310606
0.9260	0.79922220	0.60103567	1.329741706	0.752025747	1.663794760	1.251216498
0.9261	0.79928230	0.60095575	1.330018564	0.751869205	1.664016040	1.251122416
0.9262	0.79934239	0.60087581	1.330295496	0.751712686	1.664237395	1.251028362
0.9263	0.79940247	0.60079588	1.330572501	0.751556190	1.664458825	1.250934334
0.9264	0.79946255	0.60071593	1.330849581	0.751399718	1.664680332	1.250840332
0.9265	0.79952262	0.60063598	1.331126734	0.751243270	1.664901913	1.250746357
0.9266	0.79958268	0.60055603	1.331403960	0.751086845	1.665123571	1.250652409
0.9267	0.79964273	0.60047607	1.331681261	0.750930444	1.665345304	1.250558488
0.9268	0.79970277	0.60039610	1.331958635	0.750774066	1.665567113	1.250464593
0.9269	0.79976281	0.60031613	1.332236084	0.750617711	1.665788997	1.250370724
0.9270	0.79982283	0.60023615	1.332513606	0.750461380	1.666010957	1.250276883
0.9271	0.79988285	0.60015616	1.332791202	0.750305073	1.666232994	1.250183068
0.9272	0.79994287	0.60007617	1.333068872	0.750148789	1.666455106	1.250089279
0.9273	0.80000287	0.59999617	1.333346617	0.749992528	1.666677293	1.249995517
0.9274	0.80006286	0.59991617	1.333624435	0.749836291	1.666899557	1.249901781
0.9275	0.80012285	0.59983616	1.333902328	0.749680077	1.667121897	1.249808073
0.9276	0.80018283	0.59975615	1.334180294	0.749523887	1.667344313	1.249714390
0.9277	0.80024280	0.59967613	1.334458335	0.749367720	1.667566805	1.249620734
0.9278	0.80030277	0.59959610	1.334736450	0.749211577	1.667789373	1.249527105
0.9279	0.80036272	0.59951606	1.335014639	0.749055456	1.668012016	1.249433502
0.9280	0.80042267	0.59943603	1.335292903	0.748899360	1.668234737	1.249339926
0.9281	0.80048261	0.59935598	1.335571241	0.748743286	1.668457533	1.249246376
0.9282	0.80054254	0.59927593	1.335849653	0.748587236	1.668680405	1.249152853
0.9283	0.80060247	0.59919587	1.336128140	0.748431210	1.668903354	1.249059356
0.9284	0.80066238	0.59911581	1.336406701	0.748275207	1.669126379	1.248965886
0.9285	0.80072229	0.59903574	1.336685336	0.748119227	1.669349480	1.248872442
0.9286	0.80078219	0.59895566	1.336964046	0.747963270	1.669572658	1.248779025
0.9287	0.80084208	0.59887558	1.337242831	0.747807337	1.669795912	1.248685634
0.9288	0.80090196	0.59879550	1.337521690	0.747651427	1.670019243	1.248592270
0.9289	0.80096184	0.59871540	1.337800624	0.747495540	1.670242650	1.248498932
0.9290	0.80102171	0.59863530	1.338079632	0.747339677	1.670466133	1.248405620
0.9291	0.80108157	0.59855520	1.338358715	0.747183837	1.670689693	1.248312335
0.9292	0.80114142	0.59847509	1.338637873	0.747028020	1.670913329	1.248219077
0.9293	0.80120126	0.59839497	1.338917105	0.746872227	1.671137043	1.248125844
0.9294	0.80126110	0.59831485	1.339196413	0.746716457	1.671360832	1.248032638
0.9295	0.80132092	0.59823472	1.339475795	0.746560710	1.671584699	1.247939459
0.9296	0.80138074	0.59815458	1.339755252	0.746404986	1.671808642	1.247846306
0.9297	0.80144055	0.59807444	1.340034784	0.746249286	1.672032662	1.247753179
0.9298	0.80150036	0.59799429	1.340314390	0.746093608	1.672256758	1.247660079
0.9299	0.80156015	0.59791414	1.340594072	0.745937954	1.672480932	1.247567005

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.9300	0.80161994	0.59783398	1.340873829	0.745782324	1.672705182	1.247473957
0.9301	0.80167972	0.59775382	1.341153661	0.745626716	1.672929509	1.247380936
0.9302	0.80173949	0.59767365	1.341433568	0.745471132	1.673153913	1.247287941
0.9303	0.80179926	0.59759347	1.341713550	0.745315571	1.673378394	1.247194973
0.9304	0.80185901	0.59751329	1.341993607	0.745160033	1.673602952	1.247102031
0.9305	0.80191876	0.59743310	1.342273739	0.745004518	1.673827587	1.247009115
0.9306	0.80197850	0.59735290	1.342553946	0.744849027	1.674052299	1.246916225
0.9307	0.80203823	0.59727270	1.342834229	0.744693558	1.674277088	1.246823362
0.9308	0.80209795	0.59719250	1.343114587	0.744538113	1.674501954	1.246730525
0.9309	0.80215767	0.59711228	1.343395020	0.744382691	1.674726897	1.246637714
0.9310	0.80221737	0.59703206	1.343675529	0.744227292	1.674951918	1.246544930
0.9311	0.80227707	0.59695184	1.343956113	0.744071916	1.675177016	1.246452172
0.9312	0.80233676	0.59687161	1.344236773	0.743916563	1.675402191	1.246359440
0.9313	0.80239645	0.59679137	1.344517508	0.743761233	1.675627443	1.246266734
0.9314	0.80245612	0.59671113	1.344798318	0.743605927	1.675852773	1.246174055
0.9315	0.80251579	0.59663088	1.345079204	0.743450643	1.676078180	1.246081402
0.9316	0.80257545	0.59655063	1.345360166	0.743295383	1.676303665	1.245988775
0.9317	0.80263510	0.59647037	1.345641203	0.743140146	1.676529227	1.245896174
0.9318	0.80269474	0.59639010	1.345922316	0.742984932	1.676754866	1.245803600
0.9319	0.80275438	0.59630983	1.346203505	0.742829741	1.676980583	1.245711051
0.9320	0.80281400	0.59622955	1.346484769	0.742674572	1.677206377	1.245618529
0.9321	0.80287362	0.59614926	1.346766109	0.742519427	1.677432250	1.245526034
0.9322	0.80293323	0.59606897	1.347047525	0.742364305	1.677658199	1.245433564
0.9323	0.80299284	0.59598868	1.347329016	0.742209206	1.677884227	1.245341120
0.9324	0.80305243	0.59590837	1.347610584	0.742054131	1.678110332	1.245248703
0.9325	0.80311202	0.59582807	1.347892227	0.741899078	1.678336514	1.245156312
0.9326	0.80317160	0.59574775	1.348173946	0.741744048	1.678562775	1.245063947
0.9327	0.80323117	0.59566743	1.348455742	0.741589041	1.678789113	1.244971608
0.9328	0.80329073	0.59558711	1.348737613	0.741434057	1.679015530	1.244879296
0.9329	0.80335029	0.59550677	1.349019560	0.741279096	1.679242024	1.244787009
0.9330	0.80340983	0.59542644	1.349301584	0.741124158	1.679468596	1.244694749
0.9331	0.80346937	0.59534609	1.349583683	0.740969243	1.679695246	1.244602514
0.9332	0.80352890	0.59526574	1.349865859	0.740814351	1.679921974	1.244510306
0.9333	0.80358842	0.59518539	1.350148111	0.740659482	1.680148780	1.244418124
0.9334	0.80364794	0.59510502	1.350430439	0.740504636	1.680375664	1.244325968
0.9335	0.80370745	0.59502466	1.350712843	0.740349812	1.680602626	1.244233838
0.9336	0.80376694	0.59494428	1.350995324	0.740195012	1.680829666	1.244141735
0.9337	0.80382643	0.59486390	1.351277881	0.740040235	1.681056784	1.244049657
0.9338	0.80388592	0.59478352	1.351560514	0.739885480	1.681283981	1.243957605
0.9339	0.80394539	0.59470313	1.351843224	0.739730748	1.681511256	1.243865580
0.9340	0.80400486	0.59462273	1.352126010	0.739576040	1.681738609	1.243773580
0.9341	0.80406432	0.59454232	1.352408873	0.739421354	1.681966040	1.243681607
0.9342	0.80412377	0.59446192	1.352691812	0.739266691	1.682193550	1.243589659
0.9343	0.80418321	0.59438150	1.352974828	0.739112051	1.682421138	1.243497738
0.9344	0.80424264	0.59430108	1.353257921	0.738957434	1.682648805	1.243405842
0.9345	0.80430207	0.59422065	1.353541090	0.738802839	1.682876550	1.243313973
0.9346	0.80436149	0.59414022	1.353824335	0.738648268	1.683104373	1.243222130
0.9347	0.80442090	0.59405978	1.354107658	0.738493719	1.683332275	1.243130312
0.9348	0.80448030	0.59397933	1.354391057	0.738339193	1.683560256	1.243038521
0.9349	0.80453969	0.59389888	1.354674533	0.738184690	1.683788315	1.242946755

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.9350	0.80459908	0.59381843	1.354958085	0.738030210	1.684016453	1.242855016
0.9351	0.80465846	0.59373796	1.355241715	0.737875752	1.684244669	1.242763302
0.9352	0.80471783	0.59365749	1.355525421	0.737721318	1.684472965	1.242671615
0.9353	0.80477719	0.59357702	1.355809205	0.737566906	1.684701339	1.242579953
0.9354	0.80483654	0.59349654	1.356093065	0.737412517	1.684929791	1.242488318
0.9355	0.80489589	0.59341605	1.356377003	0.737258150	1.685158323	1.242396708
0.9356	0.80495522	0.59333556	1.356661017	0.737103807	1.685386933	1.242305124
0.9357	0.80501455	0.59325506	1.356945108	0.736949486	1.685615623	1.242213566
0.9358	0.80507388	0.59317456	1.357229277	0.736795188	1.685844391	1.242122035
0.9359	0.80513319	0.59309405	1.357513523	0.736640912	1.686073238	1.242030529
0.9360	0.80519249	0.59301353	1.357797846	0.736486660	1.686302164	1.241939048
0.9361	0.80525179	0.59293301	1.358082246	0.736332430	1.686531170	1.241847594
0.9362	0.80531108	0.59285248	1.358366723	0.736178223	1.686760254	1.241756166
0.9363	0.80537036	0.59277195	1.358651278	0.736024038	1.686989417	1.241664763
0.9364	0.80542964	0.59269141	1.358935910	0.735869876	1.687218660	1.241573387
0.9365	0.80548890	0.59261086	1.359220619	0.735715737	1.687447982	1.241482036
0.9366	0.80554816	0.59253031	1.359505406	0.735561621	1.687677383	1.241390711
0.9367	0.80560741	0.59244975	1.359790270	0.735407527	1.687906863	1.241299412
0.9368	0.80566665	0.59236919	1.360075212	0.735253456	1.688136423	1.241208139
0.9369	0.80572588	0.59228862	1.360360231	0.735099408	1.688366062	1.241116892
0.9370	0.80578510	0.59220804	1.360645328	0.734945382	1.688595780	1.241025670
0.9371	0.80584432	0.59212746	1.360930502	0.734791379	1.688825578	1.240934475
0.9372	0.80590353	0.59204687	1.361215754	0.734637398	1.689055455	1.240843305
0.9373	0.80596273	0.59196628	1.361501084	0.734483440	1.689285411	1.240752161
0.9374	0.80602192	0.59188568	1.361786491	0.734329505	1.689515448	1.240661042
0.9375	0.80608111	0.59180508	1.362071976	0.734175592	1.689745563	1.240569950
0.9376	0.80614028	0.59172446	1.362357539	0.734021702	1.689975759	1.240478883
0.9377	0.80619945	0.59164385	1.362643180	0.733867835	1.690206034	1.240387842
0.9378	0.80625861	0.59156322	1.362928899	0.733713990	1.690436388	1.240296827
0.9379	0.80631777	0.59148260	1.363214695	0.733560167	1.690666823	1.240205837
0.9380	0.80637691	0.59140196	1.363500569	0.733406368	1.690897337	1.240114874
0.9381	0.80643605	0.59132132	1.363786522	0.733252590	1.691127930	1.240023936
0.9382	0.80649517	0.59124067	1.364072552	0.733098836	1.691358604	1.239933024
0.9383	0.80655429	0.59116002	1.364358661	0.732945104	1.691589358	1.239842137
0.9384	0.80661341	0.59107936	1.364644847	0.732791394	1.691820191	1.239751276
0.9385	0.80667251	0.59099870	1.364931112	0.732637707	1.692051104	1.239660441
0.9386	0.80673161	0.59091803	1.365217455	0.732484043	1.692282098	1.239569632
0.9387	0.80679069	0.59083735	1.365503875	0.732330400	1.692513171	1.239478848
0.9388	0.80684977	0.59075667	1.365790375	0.732176781	1.692744324	1.239388090
0.9389	0.80690885	0.59067598	1.366076952	0.732023184	1.692975558	1.239297358
0.9390	0.80696791	0.59059529	1.366363608	0.731869609	1.693206871	1.239206651
0.9391	0.80702696	0.59051459	1.366650342	0.731716057	1.693438265	1.239115971
0.9392	0.80708601	0.59043388	1.366937155	0.731562528	1.693669739	1.239025315
0.9393	0.80714505	0.59035317	1.367224046	0.731409021	1.693901293	1.238934686
0.9394	0.80720408	0.59027245	1.367511015	0.731255536	1.694132927	1.238844082
0.9395	0.80726311	0.59019173	1.367798063	0.731102074	1.694364642	1.238753503
0.9396	0.80732212	0.59011100	1.368085189	0.730948634	1.694596437	1.238662951
0.9397	0.80738113	0.59003027	1.368372394	0.730795216	1.694828313	1.238572424
0.9398	0.80744013	0.58994952	1.368659678	0.730641821	1.695060268	1.238481922
0.9399	0.80749912	0.58986878	1.368947040	0.730488449	1.695292305	1.238391446

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.9400	0.80755810	0.58978803	1.369234481	0.730335099	1.695524422	1.238300996
0.9401	0.80761708	0.58970727	1.369522001	0.730181771	1.695756619	1.238210571
0.9402	0.80767604	0.58962650	1.369809599	0.730028466	1.695988897	1.238120172
0.9403	0.80773500	0.58954573	1.370097276	0.729875183	1.696221255	1.238029799
0.9404	0.80779395	0.58946495	1.370385033	0.729721922	1.696453694	1.237939451
0.9405	0.80785289	0.58938417	1.370672867	0.729568684	1.696686214	1.237849128
0.9406	0.80791183	0.58930338	1.370960781	0.729415468	1.696918815	1.237758832
0.9407	0.80797075	0.58922259	1.371248774	0.729262275	1.697151496	1.237668560
0.9408	0.80802967	0.58914179	1.371536846	0.729109103	1.697384258	1.237578315
0.9409	0.80808858	0.58906098	1.371824997	0.728955955	1.697617101	1.237488094
0.9410	0.80814748	0.58898017	1.372113227	0.728802828	1.697850025	1.237397900
0.9411	0.80820638	0.58889935	1.372401536	0.728649724	1.698083030	1.237307731
0.9412	0.80826526	0.58881853	1.372689924	0.728496642	1.698316115	1.237217587
0.9413	0.80832414	0.58873770	1.372978391	0.728343582	1.698549282	1.237127469
0.9414	0.80838301	0.58865687	1.373266938	0.728190545	1.698782530	1.237037376
0.9415	0.80844187	0.58857602	1.373555564	0.728037530	1.699015858	1.236947309
0.9416	0.80850073	0.58849518	1.373844269	0.727884537	1.699249268	1.236857267
0.9417	0.80855957	0.58841432	1.374133053	0.727731567	1.699482759	1.236767251
0.9418	0.80861841	0.58833347	1.374421917	0.727578619	1.699716331	1.236677260
0.9419	0.80867724	0.58825260	1.374710861	0.727425693	1.699949985	1.236587295
0.9420	0.80873606	0.58817173	1.374999883	0.727272789	1.700183719	1.236497355
0.9421	0.80879487	0.58809085	1.375288985	0.727119908	1.700417535	1.236407441
0.9422	0.80885368	0.58800997	1.375578167	0.726967048	1.700651432	1.236317552
0.9423	0.80891248	0.58792908	1.375867429	0.726814211	1.700885411	1.236227688
0.9424	0.80897126	0.58784819	1.376156769	0.726661397	1.701119471	1.236137850
0.9425	0.80903005	0.58776729	1.376446190	0.726508604	1.701353612	1.236048038
0.9426	0.80908882	0.58768638	1.376735690	0.726355834	1.701587835	1.235958251
0.9427	0.80914758	0.58760547	1.377025270	0.726203085	1.701822140	1.235868489
0.9428	0.80920634	0.58752455	1.377314930	0.726050359	1.702056526	1.235778752
0.9429	0.80926509	0.58744363	1.377604670	0.725897656	1.702290993	1.235689041
0.9430	0.80932383	0.58736270	1.377894489	0.725744974	1.702525542	1.235599355
0.9431	0.80938256	0.58728177	1.378184388	0.725592314	1.702760173	1.235509695
0.9432	0.80944128	0.58720082	1.378474367	0.725439677	1.702994886	1.235420060
0.9433	0.80950000	0.58711988	1.378764427	0.725287062	1.703229680	1.235330451
0.9434	0.80955871	0.58703892	1.379054566	0.725134469	1.703464557	1.235240866
0.9435	0.80961741	0.58695797	1.379344785	0.724981898	1.703699514	1.235151307
0.9436	0.80967610	0.58687700	1.379635084	0.724829349	1.703934554	1.235061774
0.9437	0.80973478	0.58679603	1.379925464	0.724676822	1.704169676	1.234972266
0.9438	0.80979346	0.58671505	1.380215923	0.724524318	1.704404880	1.234882783
0.9439	0.80985213	0.58663407	1.380506463	0.724371835	1.704640165	1.234793325
0.9440	0.80991079	0.58655308	1.380797083	0.724219375	1.704875533	1.234703893
0.9441	0.80996944	0.58647209	1.381087783	0.724066937	1.705110983	1.234614486
0.9442	0.81002808	0.58639109	1.381378563	0.723914520	1.705346515	1.234525104
0.9443	0.81008672	0.58631008	1.381669424	0.723762126	1.705582129	1.234435748
0.9444	0.81014534	0.58622907	1.381960365	0.723609754	1.705817825	1.234346417
0.9445	0.81020396	0.58614805	1.382251387	0.723457404	1.706053603	1.234257111
0.9446	0.81026257	0.58606703	1.382542489	0.723305076	1.706289464	1.234167830
0.9447	0.81032117	0.58598600	1.382833672	0.723152770	1.706525407	1.234078575
0.9448	0.81037977	0.58590497	1.383124935	0.723000486	1.706761432	1.233989345
0.9449	0.81043836	0.58582393	1.383416279	0.722848224	1.706997540	1.233900140

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.9450	0.81049693	0.58574288	1.383707703	0.722695984	1.707233730	1.233810960
0.9451	0.81055550	0.58566183	1.383999208	0.722543766	1.707470002	1.233721806
0.9452	0.81061407	0.58558077	1.384290794	0.722391570	1.707706357	1.233632676
0.9453	0.81067262	0.58549970	1.384582460	0.722239396	1.707942795	1.233543572
0.9454	0.81073117	0.58541863	1.384874208	0.722087244	1.708179315	1.233454494
0.9455	0.81078970	0.58533756	1.385166036	0.721935114	1.708415917	1.233365440
0.9456	0.81084823	0.58525648	1.385457945	0.721783006	1.708652603	1.233276412
0.9457	0.81090676	0.58517539	1.385749935	0.721630920	1.708889371	1.233187409
0.9458	0.81096527	0.58509429	1.386042005	0.721478856	1.709126221	1.233098430
0.9459	0.81102377	0.58501319	1.386334157	0.721326814	1.709363155	1.233009478
0.9460	0.81108227	0.58493209	1.386626390	0.721174793	1.709600171	1.232920550
0.9461	0.81114076	0.58485098	1.386918704	0.721022795	1.709837270	1.232831647
0.9462	0.81119924	0.58476986	1.387211098	0.720870818	1.710074452	1.232742770
0.9463	0.81125771	0.58468874	1.387503575	0.720718864	1.710311717	1.232653918
0.9464	0.81131618	0.58460761	1.387796132	0.720566931	1.710549065	1.232565091
0.9465	0.81137464	0.58452648	1.388088770	0.720415021	1.710786496	1.232476289
0.9466	0.81143308	0.58444533	1.388381490	0.720263132	1.711024010	1.232387512
0.9467	0.81149153	0.58436419	1.388674291	0.720111265	1.711261607	1.232298760
0.9468	0.81154996	0.58428304	1.388967173	0.719959420	1.711499287	1.232210033
0.9469	0.81160838	0.58420188	1.389260137	0.719807597	1.711737050	1.232121332
0.9470	0.81166680	0.58412071	1.389553182	0.719655795	1.711974896	1.232032655
0.9471	0.81172521	0.58403955	1.389846308	0.719504016	1.712212826	1.231944004
0.9472	0.81178361	0.58395837	1.390139516	0.719352258	1.712450839	1.231855377
0.9473	0.81184200	0.58387719	1.390432806	0.719200522	1.712688935	1.231766776
0.9474	0.81190038	0.58379600	1.390726177	0.719048808	1.712927115	1.231678200
0.9475	0.81195876	0.58371481	1.391019630	0.718897116	1.713165378	1.231589649
0.9476	0.81201712	0.58363361	1.391313164	0.718745445	1.713403724	1.231501123
0.9477	0.81207548	0.58355240	1.391606780	0.718593797	1.713642154	1.231412622
0.9478	0.81213383	0.58347119	1.391900478	0.718442170	1.713880667	1.231324146
0.9479	0.81219218	0.58338998	1.392194258	0.718290565	1.714119264	1.231235695
0.9480	0.81225051	0.58330876	1.392488119	0.718138982	1.714357945	1.231147269
0.9481	0.81230884	0.58322753	1.392782062	0.717987420	1.714596709	1.231058868
0.9482	0.81236716	0.58314629	1.393076088	0.717835881	1.714835556	1.230970492
0.9483	0.81242547	0.58306505	1.393370195	0.717684363	1.715074488	1.230882141
0.9484	0.81248377	0.58298381	1.393664384	0.717532866	1.715313503	1.230793815
0.9485	0.81254207	0.58290256	1.393958655	0.717381392	1.715552602	1.230705514
0.9486	0.81260035	0.58282130	1.394253008	0.717229939	1.715791785	1.230617238
0.9487	0.81265863	0.58274004	1.394547443	0.717078508	1.716031052	1.230528987
0.9488	0.81271690	0.58265877	1.394841960	0.716927099	1.716270402	1.230440760
0.9489	0.81277516	0.58257749	1.395136560	0.716775711	1.716509837	1.230352559
0.9490	0.81283342	0.58249621	1.395431242	0.716624345	1.716749356	1.230264383
0.9491	0.81289166	0.58241493	1.395726006	0.716473001	1.716988958	1.230176232
0.9492	0.81294990	0.58233364	1.396020852	0.716321679	1.717228645	1.230088106
0.9493	0.81300813	0.58225234	1.396315780	0.716170378	1.717468416	1.230000004
0.9494	0.81306635	0.58217103	1.396610791	0.716019099	1.717708270	1.229911928
0.9495	0.81312456	0.58208972	1.396905885	0.715867841	1.717948210	1.229823876
0.9496	0.81318277	0.58200841	1.397201061	0.715716605	1.718188233	1.229735849
0.9497	0.81324096	0.58192709	1.397496319	0.715565391	1.718428340	1.229647848
0.9498	0.81329915	0.58184576	1.397791660	0.715414199	1.718668532	1.229559871
0.9499	0.81335733	0.58176443	1.398087083	0.715263028	1.718908809	1.229471919

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.9500	0.81341550	0.58168309	1.398382589	0.715111878	1.719149169	1.229383991
0.9501	0.81347367	0.58160175	1.398678178	0.714960751	1.719389614	1.229296089
0.9502	0.81353183	0.58152039	1.398973849	0.714809645	1.719630144	1.229208212
0.9503	0.81358997	0.58143904	1.399269604	0.714658560	1.719870758	1.229120359
0.9504	0.81364811	0.58135768	1.399565441	0.714507497	1.720111456	1.229032531
0.9505	0.81370624	0.58127631	1.399861360	0.714356456	1.720352240	1.228944729
0.9506	0.81376437	0.58119494	1.400157363	0.714205436	1.720593107	1.228856951
0.9507	0.81382248	0.58111356	1.400453448	0.714054438	1.720834060	1.228769197
0.9508	0.81388059	0.58103217	1.400749617	0.713903461	1.721075097	1.228681469
0.9509	0.81393869	0.58095078	1.401045868	0.713752506	1.721316219	1.228593765
0.9510	0.81399678	0.58086938	1.401342203	0.713601573	1.721557426	1.228506087
0.9511	0.81405486	0.58078798	1.401638620	0.713450661	1.721798717	1.228418433
0.9512	0.81411294	0.58070657	1.401935121	0.713299770	1.722040093	1.228330803
0.9513	0.81417101	0.58062516	1.402231705	0.713148902	1.722281555	1.228243199
0.9514	0.81422906	0.58054374	1.402528372	0.712998054	1.722523101	1.228155619
0.9515	0.81428711	0.58046231	1.402825122	0.712847228	1.722764732	1.228068064
0.9516	0.81434516	0.58038088	1.403121955	0.712696424	1.723006449	1.227980534
0.9517	0.81440319	0.58029944	1.403418872	0.712545641	1.723248250	1.227893029
0.9518	0.81446122	0.58021800	1.403715872	0.712394880	1.723490136	1.227805548
0.9519	0.81451923	0.58013655	1.404012956	0.712244140	1.723732108	1.227718092
0.9520	0.81457724	0.58005510	1.404310123	0.712093421	1.723974165	1.227630661
0.9521	0.81463524	0.57997364	1.404607373	0.711942724	1.724216307	1.227543255
0.9522	0.81469324	0.57989217	1.404904707	0.711792049	1.724458534	1.227455873
0.9523	0.81475122	0.57981070	1.405202125	0.711641395	1.724700847	1.227368516
0.9524	0.81480920	0.57972922	1.405499626	0.711490762	1.724943245	1.227281184
0.9525	0.81486717	0.57964774	1.405797211	0.711340151	1.725185728	1.227193876
0.9526	0.81492513	0.57956625	1.406094879	0.711189561	1.725428297	1.227106594
0.9527	0.81498308	0.57948475	1.406392631	0.711038993	1.725670952	1.227019335
0.9528	0.81504103	0.57940325	1.406690467	0.710888446	1.725913691	1.226932102
0.9529	0.81509896	0.57932174	1.406988387	0.710737920	1.726156517	1.226844893
0.9530	0.81515689	0.57924023	1.407286390	0.710587416	1.726399428	1.226757709
0.9531	0.81521481	0.57915871	1.407584478	0.710436933	1.726642425	1.226670549
0.9532	0.81527272	0.57907719	1.407882649	0.710286472	1.726885507	1.226583414
0.9533	0.81533063	0.57899566	1.408180905	0.710136032	1.727128675	1.226496304
0.9534	0.81538852	0.57891412	1.408479244	0.709985613	1.727371929	1.226409219
0.9535	0.81544641	0.57883258	1.408777667	0.709835216	1.727615268	1.226322158
0.9536	0.81550429	0.57875103	1.409076175	0.709684840	1.727858694	1.226235121
0.9537	0.81556216	0.57866948	1.409374766	0.709534486	1.728102205	1.226148109
0.9538	0.81562002	0.57858792	1.409673442	0.709384152	1.728345803	1.226061122
0.9539	0.81567788	0.57850635	1.409972202	0.709233840	1.728589486	1.225974160
0.9540	0.81573572	0.57842478	1.410271047	0.709083550	1.728833255	1.225887222
0.9541	0.81579356	0.57834321	1.410569975	0.708933281	1.729077111	1.225800308
0.9542	0.81585139	0.57826162	1.410868988	0.708783033	1.729321052	1.225713420
0.9543	0.81590921	0.57818004	1.411168085	0.708632806	1.729565080	1.225626556
0.9544	0.81596703	0.57809844	1.411467267	0.708482600	1.729809194	1.225539716
0.9545	0.81602483	0.57801684	1.411766533	0.708332416	1.730053394	1.225452901
0.9546	0.81608263	0.57793524	1.412065884	0.708182254	1.730297680	1.225366110
0.9547	0.81614042	0.57785363	1.412365319	0.708032112	1.730542053	1.225279344
0.9548	0.81619820	0.57777201	1.412664839	0.707881992	1.730786512	1.225192603
0.9549	0.81625598	0.57769039	1.412964444	0.707731893	1.731031057	1.225105886

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.9550	0.81631374	0.57760876	1.413264133	0.707581815	1.731275689	1.225019194
0.9551	0.81637150	0.57752712	1.413563907	0.707431758	1.731520407	1.224932526
0.9552	0.81642925	0.57744548	1.413863766	0.707281723	1.731765212	1.224845882
0.9553	0.81648699	0.57736384	1.414163709	0.707131709	1.732010103	1.224759263
0.9554	0.81654472	0.57728219	1.414463738	0.706981716	1.732255081	1.224672669
0.9555	0.81660244	0.57720053	1.414763851	0.706831744	1.732500145	1.224586099
0.9556	0.81666016	0.57711887	1.415064049	0.706681794	1.732745296	1.224499554
0.9557	0.81671787	0.57703720	1.415364332	0.706531864	1.732990534	1.224413033
0.9558	0.81677557	0.57695552	1.415664700	0.706381956	1.733235859	1.224326536
0.9559	0.81683326	0.57687384	1.415965153	0.706232069	1.733481271	1.224240064
0.9560	0.81689094	0.57679216	1.416265692	0.706082203	1.733726769	1.224153617
0.9561	0.81694862	0.57671046	1.416566315	0.705932359	1.733972354	1.224067194
0.9562	0.81700628	0.57662877	1.416867024	0.705782535	1.734218026	1.223980795
0.9563	0.81706394	0.57654706	1.417167817	0.705632733	1.734463785	1.223894421
0.9564	0.81712159	0.57646535	1.417468697	0.705482952	1.734709632	1.223808071
0.9565	0.81717923	0.57638364	1.417769661	0.705333192	1.734955565	1.223721746
0.9566	0.81723687	0.57630192	1.418070711	0.705183453	1.735201585	1.223635445
0.9567	0.81729450	0.57622019	1.418371846	0.705033735	1.735447692	1.223549168
0.9568	0.81735211	0.57613846	1.418673067	0.704884038	1.735693887	1.223462916
0.9569	0.81740972	0.57605672	1.418974373	0.704734363	1.735940169	1.223376688
0.9570	0.81746732	0.57597498	1.419275764	0.704584708	1.736186538	1.223290485
0.9571	0.81752492	0.57589323	1.419577241	0.704435075	1.736432994	1.223204306
0.9572	0.81758250	0.57581147	1.419878804	0.704285462	1.736679538	1.223118151
0.9573	0.81764008	0.57572971	1.420180453	0.704135871	1.736926169	1.223032021
0.9574	0.81769765	0.57564794	1.420482187	0.703986301	1.737172888	1.222945915
0.9575	0.81775521	0.57556617	1.420784006	0.703836752	1.737419694	1.222859834
0.9576	0.81781276	0.57548439	1.421085912	0.703687224	1.737666588	1.222773777
0.9577	0.81787031	0.57540261	1.421387903	0.703537717	1.737913569	1.222687744
0.9578	0.81792784	0.57532082	1.421689981	0.703388231	1.738160637	1.222601735
0.9579	0.81798537	0.57523902	1.421992144	0.703238766	1.738407794	1.222515751
0.9580	0.81804289	0.57515722	1.422294393	0.703089322	1.738655038	1.222429791
0.9581	0.81810040	0.57507541	1.422596728	0.702939899	1.738902370	1.222343856
0.9582	0.81815791	0.57499360	1.422899149	0.702790497	1.739149789	1.222257944
0.9583	0.81821540	0.57491178	1.423201657	0.702641116	1.739397297	1.222172057
0.9584	0.81827289	0.57482996	1.423504250	0.702491756	1.739644892	1.222086195
0.9585	0.81833037	0.57474813	1.423806930	0.702342417	1.739892575	1.222000356
0.9586	0.81838784	0.57466629	1.424109695	0.702193099	1.740140346	1.221914542
0.9587	0.81844530	0.57458445	1.424412547	0.702043802	1.740388205	1.221828752
0.9588	0.81850275	0.57450260	1.424715486	0.701894526	1.740636152	1.221742987
0.9589	0.81856020	0.57442075	1.425018510	0.701745271	1.740884187	1.221657245
0.9590	0.81861764	0.57433889	1.425321621	0.701596036	1.741132311	1.221571528
0.9591	0.81867507	0.57425703	1.425624818	0.701446823	1.741380522	1.221485835
0.9592	0.81873249	0.57417516	1.425928102	0.701297631	1.741628822	1.221400167
0.9593	0.81878990	0.57409328	1.426231473	0.701148460	1.741877210	1.221314522
0.9594	0.81884731	0.57401140	1.426534930	0.700999309	1.742125686	1.221228902
0.9595	0.81890471	0.57392951	1.426838473	0.700850180	1.742374250	1.221143306
0.9596	0.81896209	0.57384762	1.427142103	0.700701071	1.742622903	1.221057734
0.9597	0.81901948	0.57376572	1.427445820	0.700551983	1.742871644	1.220972187
0.9598	0.81907685	0.57368381	1.427749624	0.700402916	1.743120474	1.220886663
0.9599	0.81913421	0.57360190	1.428053514	0.700253870	1.743369392	1.220801164

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.9600	0.81919157	0.57351999	1.428357491	0.700104845	1.743618399	1.220715689
0.9601	0.81924892	0.57343806	1.428661555	0.699955841	1.743867494	1.220630239
0.9602	0.81930626	0.57335614	1.428965706	0.699806858	1.744116678	1.220544812
0.9603	0.81936359	0.57327420	1.429269943	0.699657895	1.744365951	1.220459409
0.9604	0.81942091	0.57319226	1.429574268	0.699508953	1.744615312	1.220374031
0.9605	0.81947823	0.57311032	1.429878680	0.699360032	1.744864763	1.220288677
0.9606	0.81953553	0.57302837	1.430183179	0.699211132	1.745114301	1.220203347
0.9607	0.81959283	0.57294641	1.430487765	0.699062253	1.745363929	1.220118041
0.9608	0.81965012	0.57286445	1.430792438	0.698913395	1.745613646	1.220032759
0.9609	0.81970740	0.57278248	1.431097198	0.698764557	1.745863451	1.219947501
0.9610	0.81976468	0.57270051	1.431402046	0.698615740	1.746113346	1.219862268
0.9611	0.81982194	0.57261853	1.431706981	0.698466944	1.746363329	1.219777058
0.9612	0.81987920	0.57253654	1.432012003	0.698318169	1.746613402	1.219691873
0.9613	0.81993645	0.57245455	1.432317112	0.698169415	1.746863564	1.219606712
0.9614	0.81999369	0.57237256	1.432622309	0.698020681	1.747113815	1.219521575
0.9615	0.82005093	0.57229055	1.432927594	0.697871968	1.747364155	1.219436462
0.9616	0.82010815	0.57220855	1.433232966	0.697723276	1.747614584	1.219351373
0.9617	0.82016537	0.57212653	1.433538425	0.697574605	1.747865102	1.219266308
0.9618	0.82022258	0.57204451	1.433843972	0.697425954	1.748115710	1.219181267
0.9619	0.82027978	0.57196249	1.434149607	0.697277324	1.748366407	1.219096250
0.9620	0.82033697	0.57188046	1.434455329	0.697128715	1.748617194	1.219011257
0.9621	0.82039415	0.57179842	1.434761139	0.696980126	1.748868070	1.218926288
0.9622	0.82045133	0.57171638	1.435067037	0.696831559	1.749119036	1.218841344
0.9623	0.82050850	0.57163433	1.435373023	0.696683011	1.749370091	1.218756423
0.9624	0.82056566	0.57155228	1.435679096	0.696534485	1.749621235	1.218671526
0.9625	0.82062281	0.57147022	1.435985258	0.696385979	1.749872470	1.218586654
0.9626	0.82067995	0.57138815	1.436291507	0.696237494	1.750123794	1.218501805
0.9627	0.82073708	0.57130608	1.436597844	0.696089030	1.750375207	1.218416980
0.9628	0.82079421	0.57122400	1.436904270	0.695940586	1.750626711	1.218332180
0.9629	0.82085133	0.57114192	1.437210783	0.695792163	1.750878304	1.218247403
0.9630	0.82090844	0.57105983	1.437517385	0.695643761	1.751129987	1.218162650
0.9631	0.82096554	0.57097774	1.437824074	0.695495379	1.751381760	1.218077921
0.9632	0.82102263	0.57089564	1.438130852	0.695347018	1.751633623	1.217993217
0.9633	0.82107972	0.57081354	1.438437718	0.695198678	1.751885575	1.217908536
0.9634	0.82113680	0.57073143	1.438744673	0.695050358	1.752137618	1.217823879
0.9635	0.82119387	0.57064931	1.439051716	0.694902059	1.752389751	1.217739246
0.9636	0.82125093	0.57056719	1.439358847	0.694753780	1.752641974	1.217654637
0.9637	0.82130798	0.57048506	1.439666066	0.694605522	1.752894287	1.217570052
0.9638	0.82136502	0.57040292	1.439973375	0.694457285	1.753146691	1.217485491
0.9639	0.82142206	0.57032079	1.440280771	0.694309068	1.753399184	1.217400954
0.9640	0.82147909	0.57023864	1.440588256	0.694160872	1.753651768	1.217316440
0.9641	0.82153611	0.57015649	1.440895830	0.694012696	1.753904442	1.217231951
0.9642	0.82159312	0.57007433	1.441203492	0.693864541	1.754157207	1.217147486
0.9643	0.82165012	0.56999217	1.441511244	0.693716407	1.754410062	1.217063044
0.9644	0.82170712	0.56991000	1.441819083	0.693568293	1.754663007	1.216978626
0.9645	0.82176411	0.56982783	1.442127012	0.693420199	1.754916043	1.216894232
0.9646	0.82182108	0.56974565	1.442435029	0.693272126	1.755169170	1.216809862
0.9647	0.82187805	0.56966347	1.442743136	0.693124074	1.755422387	1.216725516
0.9648	0.82193502	0.56958127	1.443051331	0.692976042	1.755675694	1.216641194
0.9649	0.82199197	0.56949908	1.443359615	0.692828031	1.755929093	1.216556896

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.9650	0.82204892	0.56941688	1.443667988	0.692680040	1.756182582	1.216472621
0.9651	0.82210585	0.56933467	1.443976451	0.692532070	1.756436162	1.216388370
0.9652	0.82216278	0.56925246	1.444285002	0.692384120	1.756689832	1.216304143
0.9653	0.82221970	0.56917024	1.444593643	0.692236191	1.756943594	1.216219940
0.9654	0.82227662	0.56908801	1.444902372	0.692088282	1.757197446	1.216135761
0.9655	0.82233352	0.56900578	1.445211191	0.691940393	1.757451390	1.216051606
0.9656	0.82239042	0.56892354	1.445520099	0.691792525	1.757705424	1.215967474
0.9657	0.82244731	0.56884130	1.445829097	0.691644678	1.757959549	1.215883366
0.9658	0.82250419	0.56875906	1.446138184	0.691496851	1.758213766	1.215799282
0.9659	0.82256106	0.56867680	1.446447360	0.691349044	1.758468073	1.215715222
0.9660	0.82261792	0.56859454	1.446756626	0.691201258	1.758722472	1.215631186
0.9661	0.82267478	0.56851228	1.447065981	0.691053493	1.758976962	1.215547173
0.9662	0.82273162	0.56843001	1.447375426	0.690905747	1.759231543	1.215463184
0.9663	0.82278846	0.56834773	1.447684960	0.690758022	1.759486216	1.215379219
0.9664	0.82284529	0.56826545	1.447994584	0.690610318	1.759740980	1.215295277
0.9665	0.82290212	0.56818316	1.448304298	0.690462634	1.759995835	1.215211360
0.9666	0.82295893	0.56810087	1.448614101	0.690314970	1.760250782	1.215127466
0.9667	0.82301574	0.56801857	1.448923994	0.690167327	1.760505820	1.215043596
0.9668	0.82307253	0.56793627	1.449233977	0.690019704	1.760760949	1.214959749
0.9669	0.82312932	0.56785396	1.449544050	0.689872101	1.761016171	1.214875926
0.9670	0.82318611	0.56777164	1.449854213	0.689724519	1.761271484	1.214792127
0.9671	0.82324288	0.56768932	1.450164466	0.689576957	1.761526888	1.214708352
0.9672	0.82329964	0.56760699	1.450474808	0.689429416	1.761782384	1.214624600
0.9673	0.82335640	0.56752466	1.450785241	0.689281895	1.762037972	1.214540872
0.9674	0.82341315	0.56744232	1.451095764	0.689134394	1.762293652	1.214457168
0.9675	0.82346989	0.56735998	1.451406377	0.688986914	1.762549424	1.214373487
0.9676	0.82352662	0.56727763	1.451717080	0.688839453	1.762805287	1.214289831
0.9677	0.82358334	0.56719527	1.452027873	0.688692014	1.763061243	1.214206197
0.9678	0.82364006	0.56711291	1.452338757	0.688544594	1.763317290	1.214122588
0.9679	0.82369677	0.56703054	1.452649731	0.688397195	1.763573429	1.214039002
0.9680	0.82375347	0.56694817	1.452960795	0.688249816	1.763829661	1.213955440
0.9681	0.82381016	0.56686579	1.453271950	0.688102457	1.764085984	1.213871901
0.9682	0.82386684	0.56678341	1.453583195	0.687955119	1.764342400	1.213788386
0.9683	0.82392351	0.56670102	1.453894531	0.687807801	1.764598908	1.213704895
0.9684	0.82398018	0.56661862	1.454205957	0.687660503	1.764855508	1.213621427
0.9685	0.82403684	0.56653622	1.454517474	0.687513226	1.765112201	1.213537983
0.9686	0.82409349	0.56645382	1.454829081	0.687365968	1.765368986	1.213454562
0.9687	0.82415013	0.56637140	1.455140779	0.687218731	1.765625863	1.213371165
0.9688	0.82420676	0.56628899	1.455452568	0.687071514	1.765882833	1.213287792
0.9689	0.82426338	0.56620656	1.455764448	0.686924318	1.766139895	1.213204442
0.9690	0.82432000	0.56612413	1.456076418	0.686777141	1.766397049	1.213121116
0.9691	0.82437661	0.56604170	1.456388480	0.686629985	1.766654297	1.213037813
0.9692	0.82443321	0.56595926	1.456700632	0.686482849	1.766911636	1.212954534
0.9693	0.82448980	0.56587681	1.457012875	0.686335733	1.767169069	1.212871279
0.9694	0.82454639	0.56579436	1.457325209	0.686188638	1.767426594	1.212788047
0.9695	0.82460296	0.56571190	1.457637634	0.686041562	1.767684212	1.212704838
0.9696	0.82465953	0.56562944	1.457950151	0.685894507	1.767941923	1.212621654
0.9697	0.82471609	0.56554697	1.458262758	0.685747472	1.768199726	1.212538492
0.9698	0.82477264	0.56546450	1.458575457	0.685600457	1.768457623	1.212455355
0.9699	0.82482918	0.56538202	1.458888247	0.685453463	1.768715612	1.212372240

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.9700	0.82488571	0.56529953	1.459201128	0.685306488	1.768973694	1.212289150
0.9701	0.82494224	0.56521704	1.459514100	0.685159534	1.769231870	1.212206082
0.9702	0.82499876	0.56513454	1.459827164	0.685012599	1.769490138	1.212123039
0.9703	0.82505527	0.56505204	1.460140319	0.684865685	1.769748500	1.212040019
0.9704	0.82511177	0.56496953	1.460453566	0.684718791	1.770006954	1.211957022
0.9705	0.82516826	0.56488702	1.460766904	0.684571917	1.770265502	1.211874049
0.9706	0.82522474	0.56480450	1.461080334	0.684425063	1.770524143	1.211791099
0.9707	0.82528122	0.56472197	1.461393855	0.684278230	1.770782878	1.211708173
0.9708	0.82533769	0.56463944	1.461707468	0.684131416	1.771041706	1.211625270
0.9709	0.82539415	0.56455691	1.462021173	0.683984622	1.771300627	1.211542390
0.9710	0.82545060	0.56447436	1.462334970	0.683837849	1.771559641	1.211459534
0.9711	0.82550704	0.56439182	1.462648858	0.683691096	1.771818750	1.211376702
0.9712	0.82556348	0.56430926	1.462962838	0.683544362	1.772077951	1.211293893
0.9713	0.82561991	0.56422670	1.463276910	0.683397649	1.772337246	1.211211107
0.9714	0.82567632	0.56414414	1.463591074	0.683250956	1.772596635	1.211128345
0.9715	0.82573273	0.56406157	1.463905330	0.683104283	1.772856118	1.211045606
0.9716	0.82578914	0.56397899	1.464219678	0.682957629	1.773115694	1.210962891
0.9717	0.82584553	0.56389641	1.464534118	0.682810996	1.773375364	1.210880199
0.9718	0.82590192	0.56381382	1.464848650	0.682664383	1.773635128	1.210797531
0.9719	0.82595829	0.56373123	1.465163274	0.682517790	1.773894985	1.210714886
0.9720	0.82601466	0.56364863	1.465477990	0.682371217	1.774154937	1.210632264
0.9721	0.82607102	0.56356603	1.465792799	0.682224664	1.774414982	1.210549665
0.9722	0.82612738	0.56348342	1.466107700	0.682078131	1.774675122	1.210467090
0.9723	0.82618372	0.56340080	1.466422693	0.681931618	1.774935355	1.210384539
0.9724	0.82624006	0.56331818	1.466737779	0.681785125	1.775195683	1.210302010
0.9725	0.82629638	0.56323555	1.467052957	0.681638652	1.775456105	1.210219506
0.9726	0.82635270	0.56315292	1.467368228	0.681492199	1.775716621	1.210137024
0.9727	0.82640901	0.56307028	1.467683591	0.681345765	1.775977231	1.210054566
0.9728	0.82646532	0.56298764	1.467999047	0.681199352	1.776237935	1.209972131
0.9729	0.82652161	0.56290499	1.468314596	0.681052959	1.776498734	1.209889719
0.9730	0.82657790	0.56282233	1.468630237	0.680906586	1.776759627	1.209807331
0.9731	0.82663418	0.56273967	1.468945970	0.680760232	1.777020614	1.209724966
0.9732	0.82669045	0.56265701	1.469261797	0.680613899	1.777281696	1.209642625
0.9733	0.82674671	0.56257434	1.469577717	0.680467585	1.777542873	1.209560306
0.9734	0.82680296	0.56249166	1.469893729	0.680321292	1.777804144	1.209478011
0.9735	0.82685921	0.56240897	1.470209834	0.680175018	1.778065510	1.209395740
0.9736	0.82691544	0.56232629	1.470526032	0.680028764	1.778326970	1.209313491
0.9737	0.82697167	0.56224359	1.470842323	0.679882530	1.778588525	1.209231266
0.9738	0.82702789	0.56216089	1.471158708	0.679736316	1.778850174	1.209149064
0.9739	0.82708410	0.56207819	1.471475185	0.679590122	1.779111919	1.209066885
0.9740	0.82714031	0.56199547	1.471791756	0.679443947	1.779373758	1.208984730
0.9741	0.82719650	0.56191276	1.472108419	0.679297793	1.779635693	1.208902598
0.9742	0.82725269	0.56183004	1.472425176	0.679151658	1.779897722	1.208820489
0.9743	0.82730887	0.56174731	1.472742026	0.679005543	1.780159846	1.208738403
0.9744	0.82736504	0.56166457	1.473058970	0.678859448	1.780422065	1.208656341
0.9745	0.82742120	0.56158183	1.473376007	0.678713373	1.780684379	1.208574302
0.9746	0.82747735	0.56149909	1.473693137	0.678567318	1.780946788	1.208492286
0.9747	0.82753350	0.56141634	1.474010361	0.678421283	1.781209293	1.208410293
0.9748	0.82758964	0.56133358	1.474327679	0.678275267	1.781471893	1.208328324
0.9749	0.82764577	0.56125082	1.474645090	0.678129271	1.781734588	1.208246377

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.9750	0.82770189	0.56116805	1.474962594	0.677983295	1.781997378	1.208164454
0.9751	0.82775800	0.56108528	1.475280193	0.677837339	1.782260264	1.208082554
0.9752	0.82781411	0.56100250	1.475597885	0.677691402	1.782523245	1.208000678
0.9753	0.82787020	0.56091972	1.475915671	0.677545486	1.782786321	1.207918824
0.9754	0.82792629	0.56083693	1.476233550	0.677399589	1.783049493	1.207836994
0.9755	0.82798237	0.56075413	1.476551524	0.677253712	1.783312761	1.207755186
0.9756	0.82803844	0.56067133	1.476869591	0.677107854	1.783576124	1.207673402
0.9757	0.82809450	0.56058852	1.477187752	0.676962017	1.783839582	1.207591641
0.9758	0.82815056	0.56050571	1.477506008	0.676816199	1.784103137	1.207509903
0.9759	0.82820660	0.56042289	1.477824357	0.676670401	1.784366787	1.207428189
0.9760	0.82826264	0.56034007	1.478142801	0.676524622	1.784630533	1.207346497
0.9761	0.82831867	0.56025724	1.478461339	0.676378864	1.784894375	1.207264829
0.9762	0.82837469	0.56017441	1.478779970	0.676233125	1.785158313	1.207183184
0.9763	0.82843071	0.56009157	1.479098697	0.676087405	1.785422346	1.207101561
0.9764	0.82848671	0.56000872	1.479417517	0.675941706	1.785686476	1.207019962
0.9765	0.82854271	0.55992587	1.479736432	0.675796026	1.785950701	1.206938386
0.9766	0.82859870	0.55984301	1.480055441	0.675650366	1.786215023	1.206856834
0.9767	0.82865468	0.55976015	1.480374545	0.675504725	1.786479441	1.206775304
0.9768	0.82871065	0.55967728	1.480693743	0.675359104	1.786743955	1.206693797
0.9769	0.82876661	0.55959441	1.481013035	0.675213503	1.787008565	1.206612313
0.9770	0.82882257	0.55951153	1.481332423	0.675067922	1.787273271	1.206530853
0.9771	0.82887852	0.55942864	1.481651905	0.674922360	1.787538074	1.206449415
0.9772	0.82893445	0.55934575	1.481971481	0.674776818	1.787802973	1.206368001
0.9773	0.82899038	0.55926286	1.482291153	0.674631295	1.788067969	1.206286610
0.9774	0.82904631	0.55917995	1.482610919	0.674485792	1.788333061	1.206205241
0.9775	0.82910222	0.55909705	1.482930780	0.674340309	1.788598249	1.206123896
0.9776	0.82915813	0.55901413	1.483250735	0.674194845	1.788863534	1.206042574
0.9777	0.82921402	0.55893122	1.483570786	0.674049401	1.789128916	1.205961274
0.9778	0.82926991	0.55884829	1.483890932	0.673903977	1.789394394	1.205879998
0.9779	0.82932579	0.55876536	1.484211173	0.673758572	1.789659969	1.205798745
0.9780	0.82938167	0.55868243	1.484531508	0.673613187	1.789925641	1.205717515
0.9781	0.82943753	0.55859949	1.484851939	0.673467821	1.790191409	1.205636307
0.9782	0.82949339	0.55851654	1.485172466	0.673322475	1.790457275	1.205555123
0.9783	0.82954923	0.55843359	1.485493087	0.673177148	1.790723237	1.205473962
0.9784	0.82960507	0.55835063	1.485813803	0.673031841	1.790989296	1.205392824
0.9785	0.82966090	0.55826767	1.486134615	0.672886554	1.791255452	1.205311708
0.9786	0.82971673	0.55818470	1.486455523	0.672741286	1.791521705	1.205230616
0.9787	0.82977254	0.55810172	1.486776525	0.672596038	1.791788056	1.205149547
0.9788	0.82982835	0.55801874	1.487097624	0.672450809	1.792054503	1.205068500
0.9789	0.82988414	0.55793576	1.487418817	0.672305600	1.792321048	1.204987477
0.9790	0.82993993	0.55785277	1.487740107	0.672160410	1.792587690	1.204906476
0.9791	0.82999571	0.55776977	1.488061491	0.672015240	1.792854429	1.204825499
0.9792	0.83005149	0.55768677	1.488382972	0.671870089	1.793121265	1.204744544
0.9793	0.83010725	0.55760376	1.488704548	0.671724958	1.793388199	1.204663612
0.9794	0.83016301	0.55752074	1.489026220	0.671579846	1.793655230	1.204582704
0.9795	0.83021876	0.55743773	1.489347988	0.671434754	1.793922359	1.204501818
0.9796	0.83027450	0.55735470	1.489669852	0.671289681	1.794189585	1.204420955
0.9797	0.83033023	0.55727167	1.489991811	0.671144628	1.794456909	1.204340115
0.9798	0.83038595	0.55718864	1.490313867	0.670999594	1.794724330	1.204259297
0.9799	0.83044166	0.55710559	1.490636018	0.670854580	1.794991849	1.204178503

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.9800	0.83049737	0.55702255	1.490958266	0.670709585	1.795259466	1.204097732
0.9801	0.83055307	0.55693949	1.491280610	0.670564610	1.795527181	1.204016983
0.9802	0.83060876	0.55685644	1.491603050	0.670419654	1.795794993	1.203936257
0.9803	0.83066444	0.55677337	1.491925586	0.670274717	1.796062904	1.203855555
0.9804	0.83072011	0.55669030	1.492248218	0.670129800	1.796330912	1.203774875
0.9805	0.83077578	0.55660723	1.492570947	0.669984902	1.796599018	1.203694218
0.9806	0.83083143	0.55652415	1.492893772	0.669840024	1.796867222	1.203613583
0.9807	0.83088708	0.55644106	1.493216693	0.669695165	1.797135524	1.203532972
0.9808	0.83094272	0.55635797	1.493539711	0.669550326	1.797403925	1.203452383
0.9809	0.83099835	0.55627487	1.493862825	0.669405506	1.797672423	1.203371817
0.9810	0.83105398	0.55619177	1.494186036	0.669260705	1.797941020	1.203291274
0.9811	0.83110959	0.55610866	1.494509344	0.669115924	1.798209715	1.203210754
0.9812	0.83116520	0.55602555	1.494832748	0.668971162	1.798478508	1.203130257
0.9813	0.83122080	0.55594243	1.495156249	0.668826419	1.798747400	1.203049782
0.9814	0.83127639	0.55585930	1.495479846	0.668681696	1.799016390	1.202969331
0.9815	0.83133197	0.55577617	1.495803541	0.668536992	1.799285478	1.202888902
0.9816	0.83138754	0.55569304	1.496127332	0.668392308	1.799554665	1.202808496
0.9817	0.83144311	0.55560990	1.496451220	0.668247643	1.799823951	1.202728112
0.9818	0.83149867	0.55552675	1.496775205	0.668102997	1.800093335	1.202647752
0.9819	0.83155421	0.55544360	1.497099287	0.667958370	1.800362818	1.202567414
0.9820	0.83160975	0.55536044	1.497423466	0.667813763	1.800632399	1.202487099
0.9821	0.83166529	0.55527728	1.497747743	0.667669175	1.800902080	1.202406806
0.9822	0.83172081	0.55519411	1.498072116	0.667524607	1.801171859	1.202326537
0.9823	0.83177632	0.55511093	1.498396587	0.667380057	1.801441737	1.202246290
0.9824	0.83183183	0.55502775	1.498721155	0.667235527	1.801711714	1.202166065
0.9825	0.83188733	0.55494456	1.499045820	0.667091017	1.801981790	1.202085864
0.9826	0.83194282	0.55486137	1.499370582	0.666946525	1.802251964	1.202005685
0.9827	0.83199830	0.55477818	1.499695442	0.666802053	1.802522238	1.201925529
0.9828	0.83205378	0.55469497	1.500020400	0.666657600	1.802792611	1.201845396
0.9829	0.83210924	0.55461177	1.500345455	0.666513167	1.803063083	1.201765285
0.9830	0.83216470	0.55452855	1.500670607	0.666368752	1.803333655	1.201685198
0.9831	0.83222015	0.55444533	1.500995857	0.666224357	1.803604325	1.201605132
0.9832	0.83227559	0.55436211	1.501321205	0.666079981	1.803875095	1.201525090
0.9833	0.83233102	0.55427888	1.501646650	0.665935625	1.804145965	1.201445070
0.9834	0.83238644	0.55419564	1.501972193	0.665791287	1.804416933	1.201365073
0.9835	0.83244186	0.55411240	1.502297834	0.665646969	1.804688001	1.201285098
0.9836	0.83249727	0.55402915	1.502623573	0.665502670	1.804959169	1.201205146
0.9837	0.83255266	0.55394590	1.502949410	0.665358390	1.805230436	1.201125217
0.9838	0.83260805	0.55386264	1.503275344	0.665214130	1.805501803	1.201045311
0.9839	0.83266344	0.55377938	1.503601377	0.665069888	1.805773270	1.200965427
0.9840	0.83271881	0.55369611	1.503927508	0.664925666	1.806044836	1.200885566
0.9841	0.83277418	0.55361284	1.504253737	0.664781463	1.806316502	1.200805727
0.9842	0.83282953	0.55352956	1.504580064	0.664637279	1.806588267	1.200725911
0.9843	0.83288488	0.55344627	1.504906489	0.664493115	1.806860133	1.200646117
0.9844	0.83294022	0.55336298	1.505233012	0.664348969	1.807132099	1.200566347
0.9845	0.83299555	0.55327968	1.505559634	0.664204843	1.807404164	1.200486598
0.9846	0.83305088	0.55319638	1.505886354	0.664060735	1.807676330	1.200406873
0.9847	0.83310619	0.55311307	1.506213173	0.663916647	1.807948595	1.200327170
0.9848	0.83316150	0.55302976	1.506540090	0.663772578	1.808220961	1.200247489
0.9849	0.83321680	0.55294644	1.506867106	0.663628529	1.808493427	1.200167832

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.9850	0.83327209	0.55286311	1.507194220	0.663484498	1.808765993	1.200088196
0.9851	0.83332737	0.55277978	1.507521433	0.663340486	1.809038659	1.200008584
0.9852	0.83338265	0.55269645	1.507848744	0.663196494	1.809311426	1.199928993
0.9853	0.83343791	0.55261311	1.508176154	0.663052520	1.809584293	1.199849426
0.9854	0.83349317	0.55252976	1.508503663	0.662908566	1.809857260	1.199769881
0.9855	0.83354842	0.55244641	1.508831271	0.662764631	1.810130328	1.199690358
0.9856	0.83360366	0.55236305	1.509158977	0.662620715	1.810403496	1.199610858
0.9857	0.83365889	0.55227969	1.509486783	0.662476817	1.810676765	1.199531381
0.9858	0.83371411	0.55219632	1.509814688	0.662332939	1.810950135	1.199451926
0.9859	0.83376933	0.55211295	1.510142691	0.662189080	1.811223605	1.199372494
0.9860	0.83382454	0.55202957	1.510470794	0.662045241	1.811497176	1.199293084
0.9861	0.83387974	0.55194618	1.510798995	0.661901420	1.811770848	1.199213696
0.9862	0.83393493	0.55186279	1.511127296	0.661757618	1.812044620	1.199134331
0.9863	0.83399011	0.55177939	1.511455697	0.661613835	1.812318494	1.199054989
0.9864	0.83404528	0.55169599	1.511784196	0.661470071	1.812592468	1.198975669
0.9865	0.83410045	0.55161258	1.512112795	0.661326327	1.812866544	1.198896372
0.9866	0.83415560	0.55152917	1.512441493	0.661182601	1.813140720	1.198817097
0.9867	0.83421075	0.55144575	1.512770291	0.661038894	1.813414997	1.198737844
0.9868	0.83426589	0.55136233	1.513099188	0.660895206	1.813689376	1.198658614
0.9869	0.83432103	0.55127890	1.513428185	0.660751538	1.813963856	1.198579407
0.9870	0.83437615	0.55119547	1.513757281	0.660607888	1.814238437	1.198500222
0.9871	0.83443126	0.55111203	1.514086477	0.660464257	1.814513119	1.198421059
0.9872	0.83448637	0.55102858	1.514415773	0.660320645	1.814787903	1.198341919
0.9873	0.83454147	0.55094513	1.514745168	0.660177052	1.815062788	1.198262801
0.9874	0.83459656	0.55086167	1.515074663	0.660033478	1.815337774	1.198183706
0.9875	0.83465164	0.55077821	1.515404258	0.659889923	1.815612862	1.198104633
0.9876	0.83470672	0.55069474	1.515733953	0.659746387	1.815888052	1.198025582
0.9877	0.83476178	0.55061127	1.516063748	0.659602870	1.816163343	1.197946554
0.9878	0.83481684	0.55052779	1.516393643	0.659459372	1.816438736	1.197867548
0.9879	0.83487189	0.55044430	1.516723638	0.659315893	1.816714230	1.197788565
0.9880	0.83492693	0.55036081	1.517053733	0.659172433	1.816989826	1.197709604
0.9881	0.83498196	0.55027732	1.517383929	0.659028991	1.817265524	1.197630666
0.9882	0.83503698	0.55019382	1.517714224	0.658885569	1.817541324	1.197551750
0.9883	0.83509200	0.55011031	1.518044620	0.658742165	1.817817226	1.197472856
0.9884	0.83514701	0.55002680	1.518375116	0.658598781	1.818093230	1.197393984
0.9885	0.83520200	0.54994328	1.518705712	0.658455415	1.818369336	1.197315135
0.9886	0.83525699	0.54985976	1.519036409	0.658312068	1.818645544	1.197236309
0.9887	0.83531198	0.54977623	1.519367207	0.658168740	1.818921853	1.197157504
0.9888	0.83536695	0.54969270	1.519698105	0.658025431	1.819198266	1.197078722
0.9889	0.83542191	0.54960916	1.520029103	0.657882140	1.819474780	1.196999963
0.9890	0.83547687	0.54952561	1.520360202	0.657738869	1.819751397	1.196921225
0.9891	0.83553182	0.54944206	1.520691402	0.657595616	1.820028115	1.196842510
0.9892	0.83558676	0.54935851	1.521022703	0.657452383	1.820304937	1.196763818
0.9893	0.83564169	0.54927494	1.521354104	0.657309168	1.820581860	1.196685147
0.9894	0.83569661	0.54919138	1.521685607	0.657165972	1.820858887	1.196606499
0.9895	0.83575153	0.54910780	1.522017210	0.657022794	1.821136015	1.196527874
0.9896	0.83580644	0.54902423	1.522348914	0.656879636	1.821413247	1.196449270
0.9897	0.83586133	0.54894064	1.522680719	0.656736496	1.821690581	1.196370689
0.9898	0.83591622	0.54885705	1.523012625	0.656593375	1.821968017	1.196292130
0.9899	0.83597111	0.54877346	1.523344633	0.656450273	1.822245557	1.196213593

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.9900	0.83602598	0.54868986	1.523676741	0.656307190	1.822523199	1.196135079
0.9901	0.83608084	0.54860626	1.524008951	0.656164125	1.822800944	1.196056587
0.9902	0.83613570	0.54852264	1.524341262	0.656021079	1.823078792	1.195978117
0.9903	0.83619055	0.54843903	1.524673674	0.655878053	1.823356743	1.195899670
0.9904	0.83624539	0.54835541	1.525006188	0.655735044	1.823634797	1.195821244
0.9905	0.83630022	0.54827178	1.525338803	0.655592055	1.823912954	1.195742841
0.9906	0.83635504	0.54818815	1.525671519	0.655449084	1.824191214	1.195664460
0.9907	0.83640986	0.54810451	1.526004338	0.655306132	1.824469577	1.195586102
0.9908	0.83646466	0.54802086	1.526337257	0.655163199	1.824748044	1.195507765
0.9909	0.83651946	0.54793722	1.526670279	0.655020284	1.825026613	1.195429451
0.9910	0.83657425	0.54785356	1.527003402	0.654877389	1.825305286	1.195351159
0.9911	0.83662903	0.54776990	1.527336627	0.654734511	1.825584063	1.195272890
0.9912	0.83668380	0.54768623	1.527669953	0.654591653	1.825862943	1.195194642
0.9913	0.83673857	0.54760256	1.528003382	0.654448813	1.826141926	1.195116417
0.9914	0.83679332	0.54751889	1.528336912	0.654305992	1.826421013	1.195038214
0.9915	0.83684807	0.54743520	1.528670544	0.654163190	1.826700203	1.194960033
0.9916	0.83690281	0.54735152	1.529004279	0.654020407	1.826979498	1.194881874
0.9917	0.83695754	0.54726782	1.529338115	0.653877642	1.827258895	1.194803737
0.9918	0.83701227	0.54718413	1.529672054	0.653734895	1.827538397	1.194725623
0.9919	0.83706698	0.54710042	1.530006095	0.653592168	1.827818002	1.194647530
0.9920	0.83712169	0.54701671	1.530340238	0.653449459	1.828097711	1.194569460
0.9921	0.83717638	0.54693300	1.530674483	0.653306768	1.828377525	1.194491412
0.9922	0.83723107	0.54684928	1.531008830	0.653164097	1.828657442	1.194413386
0.9923	0.83728575	0.54676555	1.531343280	0.653021444	1.828937463	1.194335383
0.9924	0.83734043	0.54668182	1.531677833	0.652878809	1.829217588	1.194257401
0.9925	0.83739509	0.54659808	1.532012488	0.652736194	1.829497817	1.194179442
0.9926	0.83744974	0.54651434	1.532347245	0.652593597	1.829778151	1.194101504
0.9927	0.83750439	0.54643059	1.532682106	0.652451018	1.830058588	1.194023589
0.9928	0.83755903	0.54634684	1.533017068	0.652308458	1.830339130	1.193945696
0.9929	0.83761366	0.54626308	1.533352134	0.652165917	1.830619777	1.193867825
0.9930	0.83766828	0.54617932	1.533687302	0.652023394	1.830900527	1.193789976
0.9931	0.83772290	0.54609555	1.534022573	0.651880890	1.831181382	1.193712149
0.9932	0.83777750	0.54601177	1.534357947	0.651738404	1.831462342	1.193634344
0.9933	0.83783210	0.54592799	1.534693424	0.651595937	1.831743406	1.193556561
0.9934	0.83788669	0.54584421	1.535029004	0.651453489	1.832024575	1.193478801
0.9935	0.83794127	0.54576041	1.535364687	0.651311059	1.832305848	1.193401062
0.9936	0.83799584	0.54567662	1.535700473	0.651168648	1.832587226	1.193323346
0.9937	0.83805040	0.54559282	1.536036362	0.651026255	1.832868709	1.193245651
0.9938	0.83810496	0.54550901	1.536372354	0.650883881	1.833150297	1.193167979
0.9939	0.83815951	0.54542519	1.536708450	0.650741525	1.833431990	1.193090329
0.9940	0.83821404	0.54534138	1.537044649	0.650599188	1.833713787	1.193012700
0.9941	0.83826857	0.54525755	1.537380951	0.650456869	1.833995690	1.192935094
0.9942	0.83832310	0.54517372	1.537717357	0.650314569	1.834277697	1.192857510
0.9943	0.83837761	0.54508989	1.538053866	0.650172287	1.834559810	1.192779947
0.9944	0.83843211	0.54500605	1.538390479	0.650030024	1.834842028	1.192702407
0.9945	0.83848661	0.54492220	1.538727195	0.649887779	1.835124351	1.192624889
0.9946	0.83854110	0.54483835	1.539064015	0.649745553	1.835406779	1.192547393
0.9947	0.83859558	0.54475449	1.539400939	0.649603345	1.835689312	1.192469918
0.9948	0.83865005	0.54467063	1.539737966	0.649461156	1.835971951	1.192392466
0.9949	0.83870451	0.54458676	1.540075098	0.649318986	1.836254695	1.192315036

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
0.9950	0.83875897	0.54450289	1.540412333	0.649176833	1.836537545	1.192237628
0.9951	0.83881341	0.54441901	1.540749672	0.649034699	1.836820500	1.192160241
0.9952	0.83886785	0.54433513	1.541087115	0.648892584	1.837103561	1.192082877
0.9953	0.83892228	0.54425124	1.541424662	0.648750487	1.837386728	1.192005535
0.9954	0.83897670	0.54416734	1.541762313	0.648608409	1.837670000	1.191928214
0.9955	0.83903111	0.54408344	1.542100068	0.648466349	1.837953378	1.191850916
0.9956	0.83908552	0.54399954	1.542437927	0.648324307	1.838236862	1.191773639
0.9957	0.83913991	0.54391562	1.542775891	0.648182284	1.838520451	1.191696384
0.9958	0.83919430	0.54383171	1.543113959	0.648040279	1.838804147	1.191619152
0.9959	0.83924868	0.54374779	1.543452131	0.647898292	1.839087948	1.191541941
0.9960	0.83930305	0.54366386	1.543790408	0.647756324	1.839371855	1.191464752
0.9961	0.83935741	0.54357993	1.544128789	0.647614375	1.839655869	1.191387585
0.9962	0.83941177	0.54349599	1.544467274	0.647472443	1.839939989	1.191310440
0.9963	0.83946611	0.54341204	1.544805865	0.647330531	1.840224214	1.191233317
0.9964	0.83952045	0.54332809	1.545144559	0.647188636	1.840508546	1.191156216
0.9965	0.83957478	0.54324414	1.545483359	0.647046760	1.840792985	1.191079137
0.9966	0.83962910	0.54316018	1.545822263	0.646904902	1.841077529	1.191002079
0.9967	0.83968341	0.54307621	1.546161272	0.646763063	1.841362181	1.190925044
0.9968	0.83973771	0.54299224	1.546500386	0.646621242	1.841646938	1.190848030
0.9969	0.83979201	0.54290827	1.546839605	0.646479439	1.841931802	1.190771038
0.9970	0.83984629	0.54282428	1.547178929	0.646337655	1.842216773	1.190694068
0.9971	0.83990057	0.54274030	1.547518358	0.646195889	1.842501850	1.190617120
0.9972	0.83995484	0.54265630	1.547857891	0.646054141	1.842787034	1.190540194
0.9973	0.84000910	0.54257231	1.548197530	0.645912411	1.843072324	1.190463289
0.9974	0.84006336	0.54248830	1.548537274	0.645770700	1.843357722	1.190386407
0.9975	0.84011760	0.54240429	1.548877124	0.645629007	1.843643226	1.190309546
0.9976	0.84017184	0.54232028	1.549217079	0.645487333	1.843928837	1.190232707
0.9977	0.84022606	0.54223626	1.549557139	0.645345677	1.844214555	1.190155890
0.9978	0.84028028	0.54215223	1.549897304	0.645204039	1.844500380	1.190079095
0.9979	0.84033450	0.54206820	1.550237575	0.645062419	1.844786313	1.190002321
0.9980	0.84038870	0.54198417	1.550577951	0.644920817	1.845072352	1.189925569
0.9981	0.84044289	0.54190012	1.550918433	0.644779234	1.845358498	1.189848840
0.9982	0.84049708	0.54181608	1.551259021	0.644637669	1.845644752	1.189772131
0.9983	0.84055126	0.54173203	1.551599714	0.644496123	1.845931113	1.189695445
0.9984	0.84060542	0.54164797	1.551940513	0.644354594	1.846217581	1.189618781
0.9985	0.84065958	0.54156390	1.552281418	0.644213084	1.846504157	1.189542138
0.9986	0.84071374	0.54147984	1.552622429	0.644071592	1.846790840	1.189465517
0.9987	0.84076788	0.54139576	1.552963546	0.643930119	1.847077631	1.189388918
0.9988	0.84082202	0.54131168	1.553304768	0.643788663	1.847364529	1.189312340
0.9989	0.84087614	0.54122760	1.553646097	0.643647226	1.847651535	1.189235785
0.9990	0.84093026	0.54114351	1.553987531	0.643505807	1.847938648	1.189159251
0.9991	0.84098437	0.54105941	1.554329072	0.643364406	1.848225869	1.189082738
0.9992	0.84103847	0.54097531	1.554670719	0.643223023	1.848513198	1.189006248
0.9993	0.84109257	0.54089120	1.555012472	0.643081659	1.848800635	1.188929779
0.9994	0.84114665	0.54080709	1.555354332	0.642940312	1.849088180	1.188853332
0.9995	0.84120073	0.54072297	1.555696298	0.642798984	1.849375833	1.188776907
0.9996	0.84125480	0.54063885	1.556038370	0.642657674	1.849663594	1.188700503
0.9997	0.84130886	0.54055472	1.556380549	0.642516382	1.849951462	1.188624121
0.9998	0.84136291	0.54047059	1.556722834	0.642375109	1.850239439	1.188547761
0.9999	0.84141695	0.54038645	1.557065226	0.642233853	1.850527524	1.188471423

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
1.0000	0.84147098	0.54030231	1.557407725	0.642092616	1.850815718	1.188395106
1.0001	0.84152501	0.54021816	1.557750330	0.641951397	1.851104019	1.188318811
1.0002	0.84157903	0.54013400	1.558093042	0.641810196	1.851392429	1.188242537
1.0003	0.84163304	0.54004984	1.558435861	0.641669013	1.851680948	1.188166285
1.0004	0.84168704	0.53996567	1.558778786	0.641527848	1.851969574	1.188090055
1.0005	0.84174103	0.53988150	1.559121819	0.641386701	1.852258310	1.188013847
1.0006	0.84179501	0.53979733	1.559464959	0.641245572	1.852547154	1.187937660
1.0007	0.84184899	0.53971314	1.559808205	0.641104462	1.852836106	1.187861495
1.0008	0.84190296	0.53962896	1.560151559	0.640963369	1.853125168	1.187785351
1.0009	0.84195692	0.53954476	1.560495020	0.640822295	1.853414338	1.187709229
1.0010	0.84201087	0.53946056	1.560838588	0.640681239	1.853703616	1.187633129
1.0011	0.84206481	0.53937636	1.561182263	0.640540201	1.853993004	1.187557051
1.0012	0.84211874	0.53929215	1.561526046	0.640399180	1.854282501	1.187480994
1.0013	0.84217267	0.53920794	1.561869936	0.640258178	1.854572106	1.187404958
1.0014	0.84222658	0.53912372	1.562213933	0.640117194	1.854861821	1.187328945
1.0015	0.84228049	0.53903949	1.562558038	0.639976228	1.855151644	1.187252952
1.0016	0.84233439	0.53895526	1.562902251	0.639835280	1.855441577	1.187176982
1.0017	0.84238828	0.53887103	1.563246571	0.639694350	1.855731619	1.187101033
1.0018	0.84244217	0.53878678	1.563590999	0.639553439	1.856021770	1.187025105
1.0019	0.84249604	0.53870254	1.563935535	0.639412545	1.856312031	1.186949200
1.0020	0.84254991	0.53861828	1.564280178	0.639271669	1.856602401	1.186873315
1.0021	0.84260376	0.53853403	1.564624929	0.639130811	1.856892880	1.186797453
1.0022	0.84265761	0.53844976	1.564969788	0.638989971	1.857183469	1.186721612
1.0023	0.84271145	0.53836550	1.565314755	0.638849149	1.857474167	1.186645792
1.0024	0.84276529	0.53828122	1.565659830	0.638708346	1.857764975	1.186569994
1.0025	0.84281911	0.53819694	1.566005013	0.638567560	1.858055893	1.186494218
1.0026	0.84287293	0.53811266	1.566350305	0.638426792	1.858346920	1.186418463
1.0027	0.84292673	0.53802837	1.566695704	0.638286042	1.858638058	1.186342729
1.0028	0.84298053	0.53794407	1.567041212	0.638145310	1.858929304	1.186267018
1.0029	0.84303432	0.53785977	1.567386828	0.638004596	1.859220661	1.186191327
1.0030	0.84308810	0.53777547	1.567732552	0.637863900	1.859512128	1.186115658
1.0031	0.84314188	0.53769115	1.568078385	0.637723222	1.859803705	1.186040011
1.0032	0.84319564	0.53760684	1.568424326	0.637582562	1.860095392	1.185964385
1.0033	0.84324940	0.53752251	1.568770376	0.637441920	1.860387189	1.185888781
1.0034	0.84330315	0.53743819	1.569116534	0.637301296	1.860679096	1.185813198
1.0035	0.84335689	0.53735385	1.569462801	0.637160689	1.860971113	1.185737637
1.0036	0.84341062	0.53726952	1.569809177	0.637020101	1.861263241	1.185662097
1.0037	0.84346434	0.53718517	1.570155661	0.636879530	1.861555479	1.185586579
1.0038	0.84351805	0.53710082	1.570502255	0.636738978	1.861847827	1.185511082
1.0039	0.84357176	0.53701647	1.570848957	0.636598443	1.862140286	1.185435607
1.0040	0.84362546	0.53693211	1.571195768	0.636457926	1.862432855	1.185360153
1.0041	0.84367915	0.53684774	1.571542688	0.636317427	1.862725535	1.185284720
1.0042	0.84373283	0.53676337	1.571889717	0.636176946	1.863018326	1.185209309
1.0043	0.84378650	0.53667900	1.572236855	0.636036483	1.863311227	1.185133920
1.0044	0.84384016	0.53659462	1.572584103	0.635896038	1.863604239	1.185058552
1.0045	0.84389382	0.53651023	1.572931460	0.635755610	1.863897362	1.184983205
1.0046	0.84394746	0.53642584	1.573278926	0.635615201	1.864190596	1.184907880
1.0047	0.84400110	0.53634144	1.573626501	0.635474809	1.864483941	1.184832576
1.0048	0.84405473	0.53625704	1.573974186	0.635334435	1.864777396	1.184757293
1.0049	0.84410835	0.53617263	1.574321980	0.635194079	1.865070963	1.184682032

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
1.0050	0.84416197	0.53608821	1.574669884	0.635053741	1.865364641	1.184606793
1.0051	0.84421557	0.53600380	1.575017897	0.634913420	1.865658430	1.184531575
1.0052	0.84426917	0.53591937	1.575366020	0.634773118	1.865952330	1.184456378
1.0053	0.84432276	0.53583494	1.575714253	0.634632833	1.866246341	1.184381202
1.0054	0.84437633	0.53575051	1.576062595	0.634492566	1.866540464	1.184306048
1.0055	0.84442991	0.53566607	1.576411047	0.634352317	1.866834698	1.184230916
1.0056	0.84448347	0.53558162	1.576759609	0.634212085	1.867129044	1.184155804
1.0057	0.84453702	0.53549717	1.577108282	0.634071872	1.867423501	1.184080715
1.0058	0.84459057	0.53541271	1.577457064	0.633931676	1.867718070	1.184005646
1.0059	0.84464410	0.53532825	1.577805956	0.633791498	1.868012750	1.183930599
1.0060	0.84469763	0.53524378	1.578154958	0.633651338	1.868307542	1.183855573
1.0061	0.84475115	0.53515931	1.578504070	0.633511195	1.868602446	1.183780568
1.0062	0.84480466	0.53507483	1.578853293	0.633371070	1.868897461	1.183705585
1.0063	0.84485817	0.53499035	1.579202626	0.633230963	1.869192589	1.183630623
1.0064	0.84491166	0.53490586	1.579552069	0.633090874	1.869487828	1.183555683
1.0065	0.84496515	0.53482137	1.579901623	0.632950802	1.869783179	1.183480764
1.0066	0.84501863	0.53473687	1.580251287	0.632810749	1.870078643	1.183405866
1.0067	0.84507210	0.53465237	1.580601062	0.632670713	1.870374218	1.183330989
1.0068	0.84512556	0.53456786	1.580950947	0.632530694	1.870669906	1.183256134
1.0069	0.84517901	0.53448334	1.581300943	0.632390694	1.870965706	1.183181300
1.0070	0.84523245	0.53439882	1.581651050	0.632250711	1.871261618	1.183106488
1.0071	0.84528589	0.53431429	1.582001267	0.632110745	1.871557642	1.183031696
1.0072	0.84533932	0.53422976	1.582351595	0.631970798	1.871853779	1.182956926
1.0073	0.84539274	0.53414523	1.582702034	0.631830868	1.872150029	1.182882177
1.0074	0.84544615	0.53406068	1.583052584	0.631690956	1.872446390	1.182807450
1.0075	0.84549955	0.53397614	1.583403245	0.631551061	1.872742865	1.182732744
1.0076	0.84555294	0.53389158	1.583754018	0.631411184	1.873039452	1.182658059
1.0077	0.84560633	0.53380703	1.584104901	0.631271325	1.873336152	1.182583395
1.0078	0.84565970	0.53372246	1.584455895	0.631131484	1.873632964	1.182508752
1.0079	0.84571307	0.53363789	1.584807001	0.630991660	1.873929889	1.182434131
1.0080	0.84576643	0.53355332	1.585158218	0.630851854	1.874226927	1.182359531
1.0081	0.84581978	0.53346874	1.585509546	0.630712065	1.874524079	1.182284953
1.0082	0.84587312	0.53338416	1.585860986	0.630572294	1.874821343	1.182210395
1.0083	0.84592646	0.53329957	1.586212537	0.630432541	1.875118720	1.182135859
1.0084	0.84597978	0.53321497	1.586564200	0.630292805	1.875416210	1.182061344
1.0085	0.84603310	0.53313037	1.586915974	0.630153087	1.875713813	1.181986850
1.0086	0.84608641	0.53304576	1.587267861	0.630013386	1.876011530	1.181912377
1.0087	0.84613971	0.53296115	1.587619858	0.629873704	1.876309360	1.181837926
1.0088	0.84619300	0.53287654	1.587971968	0.629734038	1.876607303	1.181763495
1.0089	0.84624629	0.53279191	1.588324189	0.629594391	1.876905360	1.181689086
1.0090	0.84629956	0.53270729	1.588676523	0.629454760	1.877203530	1.181614698
1.0091	0.84635283	0.53262265	1.589028968	0.629315148	1.877501814	1.181540332
1.0092	0.84640609	0.53253802	1.589381525	0.629175553	1.877800211	1.181465986
1.0093	0.84645933	0.53245337	1.589734195	0.629035976	1.878098722	1.181391662
1.0094	0.84651258	0.53236872	1.590086976	0.628896416	1.878397347	1.181317359
1.0095	0.84656581	0.53228407	1.590439870	0.628756873	1.878696085	1.181243077
1.0096	0.84661903	0.53219941	1.590792876	0.628617349	1.878994937	1.181168816
1.0097	0.84667225	0.53211475	1.591145995	0.628477841	1.879293904	1.181094576
1.0098	0.84672546	0.53203008	1.591499225	0.628338352	1.879592984	1.181020357
1.0099	0.84677865	0.53194540	1.591852568	0.628198880	1.879892178	1.180946160

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
1.0100	0.84683184	0.53186072	1.592206024	0.628059425	1.880191486	1.180871983
1.0101	0.84688503	0.53177604	1.592559593	0.627919988	1.880490908	1.180797828
1.0102	0.84693820	0.53169134	1.592913273	0.627780568	1.880790445	1.180723694
1.0103	0.84699136	0.53160665	1.593267067	0.627641166	1.881090095	1.180649581
1.0104	0.84704452	0.53152195	1.593620973	0.627501782	1.881389860	1.180575489
1.0105	0.84709767	0.53143724	1.593974993	0.627362414	1.881689740	1.180501419
1.0106	0.84715081	0.53135253	1.594329125	0.627223065	1.881989734	1.180427369
1.0107	0.84720394	0.53126781	1.594683370	0.627083733	1.882289842	1.180353340
1.0108	0.84725706	0.53118309	1.595037728	0.626944418	1.882590065	1.180279333
1.0109	0.84731018	0.53109836	1.595392199	0.626805121	1.882890403	1.180205346
1.0110	0.84736328	0.53101362	1.595746783	0.626665841	1.883190855	1.180131381
1.0111	0.84741638	0.53092888	1.596101480	0.626526579	1.883491422	1.180057437
1.0112	0.84746947	0.53084414	1.596456291	0.626387334	1.883792104	1.179983514
1.0113	0.84752255	0.53075939	1.596811215	0.626248107	1.884092900	1.179909611
1.0114	0.84757562	0.53067464	1.597166252	0.626108897	1.884393812	1.179835730
1.0115	0.84762868	0.53058988	1.597521403	0.625969704	1.884694838	1.179761870
1.0116	0.84768174	0.53050511	1.597876667	0.625830529	1.884995980	1.179688031
1.0117	0.84773478	0.53042034	1.598232045	0.625691371	1.885297236	1.179614213
1.0118	0.84778782	0.53033556	1.598587536	0.625552231	1.885598608	1.179540416
1.0119	0.84784085	0.53025078	1.598943141	0.625413108	1.885900095	1.179466640
1.0120	0.84789387	0.53016600	1.599298860	0.625274003	1.886201698	1.179392886
1.0121	0.84794688	0.53008120	1.599654693	0.625134915	1.886503415	1.179319152
1.0122	0.84799989	0.52999641	1.600010639	0.624995844	1.886805249	1.179245439
1.0123	0.84805288	0.52991160	1.600366700	0.624856791	1.887107197	1.179171747
1.0124	0.84810587	0.52982680	1.600722874	0.624717755	1.887409261	1.179098076
1.0125	0.84815885	0.52974198	1.601079162	0.624578736	1.887711441	1.179024426
1.0126	0.84821182	0.52965716	1.601435565	0.624439735	1.888013736	1.178950797
1.0127	0.84826478	0.52957234	1.601792082	0.624300751	1.888316147	1.178877190
1.0128	0.84831773	0.52948751	1.602148713	0.624161785	1.888618674	1.178803603
1.0129	0.84837068	0.52940268	1.602505458	0.624022836	1.888921317	1.178730037
1.0130	0.84842361	0.52931784	1.602862317	0.623883904	1.889224076	1.178656492
1.0131	0.84847654	0.52923299	1.603219291	0.623744989	1.889526950	1.178582968
1.0132	0.84852946	0.52914814	1.603576380	0.623606092	1.889829941	1.178509465
1.0133	0.84858237	0.52906329	1.603933583	0.623467213	1.890133048	1.178435983
1.0134	0.84863527	0.52897842	1.604290900	0.623328350	1.890436271	1.178362521
1.0135	0.84868817	0.52889356	1.604648333	0.623189505	1.890739610	1.178289081
1.0136	0.84874105	0.52880869	1.605005880	0.623050677	1.891043065	1.178215662
1.0137	0.84879393	0.52872381	1.605363541	0.622911867	1.891346637	1.178142264
1.0138	0.84884680	0.52863893	1.605721318	0.622773073	1.891650325	1.178068886
1.0139	0.84889966	0.52855404	1.606079210	0.622634297	1.891954129	1.177995530
1.0140	0.84895251	0.52846915	1.606437216	0.622495539	1.892258050	1.177922194
1.0141	0.84900535	0.52838425	1.606795338	0.622356797	1.892562088	1.177848879
1.0142	0.84905818	0.52829935	1.607153574	0.622218073	1.892866242	1.177775586
1.0143	0.84911101	0.52821444	1.607511926	0.622079366	1.893170514	1.177702313
1.0144	0.84916383	0.52812952	1.607870393	0.621940676	1.893474901	1.177629061
1.0145	0.84921664	0.52804461	1.608228976	0.621802004	1.893779406	1.177555830
1.0146	0.84926944	0.52795968	1.608587673	0.621663349	1.894084028	1.177482620
1.0147	0.84932223	0.52787475	1.608946487	0.621524711	1.894388766	1.177409430
1.0148	0.84937501	0.52778982	1.609305415	0.621386090	1.894693622	1.177336262
1.0149	0.84942779	0.52770488	1.609664459	0.621247487	1.894998594	1.177263114

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
1.0150	0.84948055	0.52761993	1.610023619	0.621108901	1.895303684	1.177189987
1.0151	0.84953331	0.52753498	1.610382895	0.620970332	1.895608891	1.177116881
1.0152	0.84958606	0.52745002	1.610742286	0.620831780	1.895914215	1.177043796
1.0153	0.84963880	0.52736506	1.611101793	0.620693245	1.896219657	1.176970732
1.0154	0.84969153	0.52728010	1.611461416	0.620554728	1.896525216	1.176897689
1.0155	0.84974426	0.52719513	1.611821154	0.620416227	1.896830892	1.176824666
1.0156	0.84979697	0.52711015	1.612181009	0.620277744	1.897136686	1.176751665
1.0157	0.84984968	0.52702517	1.612540980	0.620139279	1.897442598	1.176678684
1.0158	0.84990238	0.52694018	1.612901067	0.620000830	1.897748627	1.176605724
1.0159	0.84995507	0.52685519	1.613261270	0.619862398	1.898054774	1.176532784
1.0160	0.85000775	0.52677019	1.613621589	0.619723984	1.898361039	1.176459866
1.0161	0.85006042	0.52668518	1.613982025	0.619585587	1.898667421	1.176386968
1.0162	0.85011308	0.52660018	1.614342577	0.619447207	1.898973922	1.176314092
1.0163	0.85016574	0.52651516	1.614703245	0.619308844	1.899280540	1.176241235
1.0164	0.85021839	0.52643014	1.615064030	0.619170498	1.899587277	1.176168400
1.0165	0.85027103	0.52634512	1.615424932	0.619032169	1.899894131	1.176095586
1.0166	0.85032366	0.52626009	1.615785950	0.618893858	1.900201104	1.176022792
1.0167	0.85037628	0.52617505	1.616147085	0.618755563	1.900508195	1.175950019
1.0168	0.85042889	0.52609001	1.616508336	0.618617286	1.900815404	1.175877267
1.0169	0.85048150	0.52600497	1.616869704	0.618479026	1.901122732	1.175804535
1.0170	0.85053409	0.52591992	1.617231190	0.618340783	1.901430178	1.175731825
1.0171	0.85058668	0.52583486	1.617592792	0.618202557	1.901737742	1.175659135
1.0172	0.85063926	0.52574980	1.617954511	0.618064348	1.902045425	1.175586466
1.0173	0.85069183	0.52566473	1.618316347	0.617926156	1.902353227	1.175513817
1.0174	0.85074439	0.52557966	1.618678301	0.617787982	1.902661147	1.175441190
1.0175	0.85079695	0.52549458	1.619040371	0.617649824	1.902969186	1.175368583
1.0176	0.85084949	0.52540950	1.619402559	0.617511683	1.903277344	1.175295996
1.0177	0.85090203	0.52532441	1.619764864	0.617373560	1.903585621	1.175223431
1.0178	0.85095456	0.52523932	1.620127287	0.617235453	1.903894016	1.175150886
1.0179	0.85100708	0.52515422	1.620489827	0.617097364	1.904202531	1.175078362
1.0180	0.85105959	0.52506912	1.620852484	0.616959291	1.904511164	1.175005858
1.0181	0.85111209	0.52498401	1.621215259	0.616821236	1.904819917	1.174933376
1.0182	0.85116458	0.52489890	1.621578152	0.616683198	1.905128789	1.174860914
1.0183	0.85121707	0.52481378	1.621941162	0.616545176	1.905437780	1.174788472
1.0184	0.85126955	0.52472865	1.622304291	0.616407172	1.905746891	1.174716052
1.0185	0.85132201	0.52464352	1.622667537	0.616269185	1.906056120	1.174643652
1.0186	0.85137447	0.52455839	1.623030901	0.616131215	1.906365470	1.174571272
1.0187	0.85142693	0.52447325	1.623394382	0.615993261	1.906674938	1.174498914
1.0188	0.85147937	0.52438810	1.623757982	0.615855325	1.906984527	1.174426576
1.0189	0.85153180	0.52430295	1.624121700	0.615717406	1.907294235	1.174354258
1.0190	0.85158423	0.52421780	1.624485537	0.615579503	1.907604062	1.174281961
1.0191	0.85163665	0.52413264	1.624849491	0.615441618	1.907914010	1.174209685
1.0192	0.85168906	0.52404747	1.625213564	0.615303750	1.908224077	1.174137430
1.0193	0.85174146	0.52396230	1.625577755	0.615165898	1.908534264	1.174065195
1.0194	0.85179385	0.52387712	1.625942065	0.615028064	1.908844571	1.173992981
1.0195	0.85184623	0.52379194	1.626306493	0.614890246	1.909154998	1.173920787
1.0196	0.85189861	0.52370675	1.626671039	0.614752446	1.909465545	1.173848615
1.0197	0.85195097	0.52362156	1.627035704	0.614614662	1.909776213	1.173776462
1.0198	0.85200333	0.52353636	1.627400488	0.614476896	1.910087000	1.173704330
1.0199	0.85205568	0.52345116	1.627765391	0.614339146	1.910397908	1.173632219

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
1.0200	0.85210802	0.52336595	1.628130412	0.614201413	1.910708936	1.173560129
1.0201	0.85216035	0.52328074	1.628495553	0.614063697	1.911020085	1.173488059
1.0202	0.85221268	0.52319552	1.628860812	0.613925998	1.911331354	1.173416010
1.0203	0.85226499	0.52311030	1.629226190	0.613788316	1.911642743	1.173343981
1.0204	0.85231730	0.52302507	1.629591687	0.613650651	1.911954254	1.173271973
1.0205	0.85236960	0.52293983	1.629957304	0.613513003	1.912265884	1.173199985
1.0206	0.85242189	0.52285459	1.630323040	0.613375371	1.912577636	1.173128018
1.0207	0.85247417	0.52276935	1.630688895	0.613237757	1.912889508	1.173056071
1.0208	0.85252644	0.52268410	1.631054869	0.613100159	1.913201501	1.172984145
1.0209	0.85257871	0.52259884	1.631420963	0.612962579	1.913513616	1.172912240
1.0210	0.85263096	0.52251358	1.631787176	0.612825015	1.913825851	1.172840355
1.0211	0.85268321	0.52242832	1.632153508	0.612687468	1.914138207	1.172768491
1.0212	0.85273545	0.52234305	1.632519961	0.612549938	1.914450684	1.172696647
1.0213	0.85278768	0.52225777	1.632886533	0.612412424	1.914763283	1.172624824
1.0214	0.85283990	0.52217249	1.633253225	0.612274928	1.915076002	1.172553021
1.0215	0.85289211	0.52208720	1.633620036	0.612137448	1.915388844	1.172481239
1.0216	0.85294432	0.52200191	1.633986967	0.611999985	1.915701806	1.172409477
1.0217	0.85299651	0.52191661	1.634354019	0.611862539	1.916014890	1.172337736
1.0218	0.85304870	0.52183131	1.634721190	0.611725110	1.916328095	1.172266015
1.0219	0.85310088	0.52174600	1.635088481	0.611587698	1.916641422	1.172194315
1.0220	0.85315305	0.52166069	1.635455893	0.611450302	1.916954871	1.172122635
1.0221	0.85320521	0.52157537	1.635823425	0.611312923	1.917268441	1.172050976
1.0222	0.85325736	0.52149005	1.636191077	0.611175562	1.917582134	1.171979337
1.0223	0.85330951	0.52140472	1.636558849	0.611038216	1.917895948	1.171907719
1.0224	0.85336164	0.52131939	1.636926742	0.610900888	1.918209884	1.171836121
1.0225	0.85341377	0.52123405	1.637294755	0.610763576	1.918523941	1.171764544
1.0226	0.85346589	0.52114870	1.637662888	0.610626282	1.918838121	1.171692987
1.0227	0.85351800	0.52106335	1.638031143	0.610489003	1.919152423	1.171621451
1.0228	0.85357010	0.52097800	1.638399518	0.610351742	1.919466848	1.171549935
1.0229	0.85362220	0.52089264	1.638768013	0.610214498	1.919781394	1.171478439
1.0230	0.85367428	0.52080728	1.639136630	0.610077270	1.920096063	1.171406964
1.0231	0.85372636	0.52072191	1.639505367	0.609940059	1.920410854	1.171335509
1.0232	0.85377843	0.52063653	1.639874225	0.609802864	1.920725768	1.171264075
1.0233	0.85383049	0.52055115	1.640243205	0.609665687	1.921040804	1.171192661
1.0234	0.85388254	0.52046576	1.640612305	0.609528526	1.921355963	1.171121268
1.0235	0.85393458	0.52038037	1.640981526	0.609391382	1.921671244	1.171049895
1.0236	0.85398661	0.52029498	1.641350869	0.609254254	1.921986648	1.170978542
1.0237	0.85403864	0.52020958	1.641720333	0.609117144	1.922302175	1.170907210
1.0238	0.85409066	0.52012417	1.642089918	0.608980050	1.922617825	1.170835898
1.0239	0.85414266	0.52003876	1.642459625	0.608842972	1.922933597	1.170764607
1.0240	0.85419466	0.51995334	1.642829453	0.608705912	1.923249493	1.170693336
1.0241	0.85424665	0.51986792	1.643199403	0.608568868	1.923565511	1.170622085
1.0242	0.85429864	0.51978249	1.643569474	0.608431841	1.923881653	1.170550855
1.0243	0.85435061	0.51969706	1.643939667	0.608294830	1.924197918	1.170479645
1.0244	0.85440258	0.51961162	1.644309981	0.608157836	1.924514306	1.170408456
1.0245	0.85445453	0.51952618	1.644680418	0.608020859	1.924830818	1.170337287
1.0246	0.85450648	0.51944073	1.645050976	0.607883898	1.925147453	1.170266138
1.0247	0.85455842	0.51935528	1.645421656	0.607746954	1.925464211	1.170195010
1.0248	0.85461035	0.51926982	1.645792459	0.607610027	1.925781093	1.170123901
1.0249	0.85466228	0.51918436	1.646163383	0.607473116	1.926098098	1.170052814

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
1.0250	0.85471419	0.51909889	1.646534429	0.607336222	1.926415227	1.169981746
1.0251	0.85476610	0.51901341	1.646905598	0.607199345	1.926732480	1.169910699
1.0252	0.85481799	0.51892793	1.647276889	0.607062484	1.927049856	1.169839673
1.0253	0.85486988	0.51884245	1.647648302	0.606925640	1.927367357	1.169768666
1.0254	0.85492176	0.51875696	1.648019838	0.606788812	1.927684981	1.169697680
1.0255	0.85497363	0.51867146	1.648391496	0.606652001	1.928002730	1.169626714
1.0256	0.85502549	0.51858596	1.648763277	0.606515207	1.928320602	1.169555769
1.0257	0.85507735	0.51850046	1.649135180	0.606378429	1.928638598	1.169484844
1.0258	0.85512920	0.51841495	1.649507206	0.606241668	1.928956719	1.169413939
1.0259	0.85518103	0.51832943	1.649879355	0.606104923	1.929274964	1.169343054
1.0260	0.85523286	0.51824391	1.650251627	0.605968195	1.929593333	1.169272190
1.0261	0.85528468	0.51815839	1.650624021	0.605831484	1.929911827	1.169201346
1.0262	0.85533649	0.51807286	1.650996539	0.605694789	1.930230445	1.169130522
1.0263	0.85538830	0.51798732	1.651369179	0.605558111	1.930549188	1.169059718
1.0264	0.85544009	0.51790178	1.651741943	0.605421449	1.930868055	1.168988935
1.0265	0.85549188	0.51781623	1.652114830	0.605284804	1.931187047	1.168918172
1.0266	0.85554365	0.51773068	1.652487840	0.605148175	1.931506164	1.168847430
1.0267	0.85559542	0.51764512	1.652860973	0.605011563	1.931825405	1.168776707
1.0268	0.85564718	0.51755956	1.653234229	0.604874967	1.932144771	1.168706005
1.0269	0.85569893	0.51747399	1.653607610	0.604738388	1.932464263	1.168635323
1.0270	0.85575068	0.51738842	1.653981113	0.604601825	1.932783879	1.168564661
1.0271	0.85580241	0.51730284	1.654354740	0.604465279	1.933103620	1.168494020
1.0272	0.85585414	0.51721726	1.654728491	0.604328750	1.933423487	1.168423398
1.0273	0.85590586	0.51713167	1.655102366	0.604192237	1.933743478	1.168352797
1.0274	0.85595756	0.51704608	1.655476364	0.604055740	1.934063595	1.168282216
1.0275	0.85600926	0.51696048	1.655850486	0.603919260	1.934383838	1.168211656
1.0276	0.85606096	0.51687488	1.656224732	0.603782796	1.934704206	1.168141115
1.0277	0.85611264	0.51678927	1.656599102	0.603646349	1.935024699	1.168070595
1.0278	0.85616431	0.51670366	1.656973596	0.603509919	1.935345318	1.168000095
1.0279	0.85621598	0.51661804	1.657348214	0.603373504	1.935666062	1.167929615
1.0280	0.85626764	0.51653241	1.657722957	0.603237107	1.935986932	1.167859155
1.0281	0.85631929	0.51644678	1.658097823	0.603100725	1.936307928	1.167788716
1.0282	0.85637093	0.51636115	1.658472815	0.602964360	1.936629050	1.167718297
1.0283	0.85642256	0.51627551	1.658847930	0.602828012	1.936950297	1.167647897
1.0284	0.85647418	0.51618986	1.659223170	0.602691680	1.937271671	1.167577518
1.0285	0.85652580	0.51610421	1.659598534	0.602555365	1.937593171	1.167507159
1.0286	0.85657740	0.51601856	1.659974023	0.602419066	1.937914796	1.167436821
1.0287	0.85662900	0.51593290	1.660349637	0.602282783	1.938236548	1.167366502
1.0288	0.85668059	0.51584723	1.660725376	0.602146517	1.938558426	1.167296204
1.0289	0.85673217	0.51576156	1.661101239	0.602010267	1.938880431	1.167225926
1.0290	0.85678374	0.51567589	1.661477227	0.601874033	1.939202562	1.167155667
1.0291	0.85683531	0.51559021	1.661853340	0.601737816	1.939524819	1.167085429
1.0292	0.85688686	0.51550452	1.662229578	0.601601616	1.939847203	1.167015212
1.0293	0.85693841	0.51541883	1.662605942	0.601465431	1.940169713	1.166945014
1.0294	0.85698994	0.51533313	1.662982430	0.601329264	1.940492351	1.166874836
1.0295	0.85704147	0.51524743	1.663359044	0.601193112	1.940815114	1.166804679
1.0296	0.85709299	0.51516172	1.663735783	0.601056977	1.941138005	1.166734541
1.0297	0.85714450	0.51507601	1.664112647	0.600920858	1.941461023	1.166664424
1.0298	0.85719601	0.51499029	1.664489637	0.600784756	1.941784167	1.166594327
1.0299	0.85724750	0.51490457	1.664866752	0.600648670	1.942107439	1.166524249

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
1.0300	0.85729899	0.51481884	1.665243993	0.600512600	1.942430837	1.166454192
1.0301	0.85735047	0.51473311	1.665621360	0.600376547	1.942754363	1.166384155
1.0302	0.85740194	0.51464737	1.665998852	0.600240510	1.943078016	1.166314138
1.0303	0.85745340	0.51456163	1.666376470	0.600104489	1.943401796	1.166244142
1.0304	0.85750485	0.51447588	1.666754214	0.599968485	1.943725704	1.166174165
1.0305	0.85755629	0.51439013	1.667132084	0.599832496	1.944049739	1.166104208
1.0306	0.85760773	0.51430437	1.667510080	0.599696525	1.944373901	1.166034271
1.0307	0.85765915	0.51421861	1.667888202	0.599560569	1.944698191	1.165964355
1.0308	0.85771057	0.51413284	1.668266450	0.599424630	1.945022609	1.165894458
1.0309	0.85776198	0.51404707	1.668644825	0.599288707	1.945347154	1.165824581
1.0310	0.85781338	0.51396129	1.669023326	0.599152801	1.945671828	1.165754725
1.0311	0.85786477	0.51387550	1.669401953	0.599016910	1.945996629	1.165684888
1.0312	0.85791615	0.51378972	1.669780706	0.598881036	1.946321558	1.165615072
1.0313	0.85796753	0.51370392	1.670159586	0.598745179	1.946646615	1.165545275
1.0314	0.85801890	0.51361812	1.670538593	0.598609337	1.946971800	1.165475499
1.0315	0.85807025	0.51353232	1.670917726	0.598473512	1.947297113	1.165405743
1.0316	0.85812160	0.51344651	1.671296986	0.598337703	1.947622555	1.165336006
1.0317	0.85817294	0.51336069	1.671676373	0.598201911	1.947948124	1.165266290
1.0318	0.85822427	0.51327487	1.672055886	0.598066134	1.948273822	1.165196593
1.0319	0.85827560	0.51318905	1.672435527	0.597930374	1.948599649	1.165126917
1.0320	0.85832691	0.51310322	1.672815295	0.597794630	1.948925604	1.165057260
1.0321	0.85837822	0.51301738	1.673195189	0.597658902	1.949251688	1.164987624
1.0322	0.85842952	0.51293154	1.673575211	0.597523191	1.949577900	1.164918007
1.0323	0.85848080	0.51284570	1.673955360	0.597387495	1.949904241	1.164848411
1.0324	0.85853208	0.51275985	1.674335636	0.597251816	1.950230710	1.164778834
1.0325	0.85858336	0.51267399	1.674716040	0.597116153	1.950557309	1.164709277
1.0326	0.85863462	0.51258813	1.675096571	0.596980507	1.950884036	1.164639741
1.0327	0.85868587	0.51250226	1.675477230	0.596844876	1.951210893	1.164570224
1.0328	0.85873712	0.51241639	1.675858016	0.596709262	1.951537878	1.164500727
1.0329	0.85878836	0.51233052	1.676238930	0.596573664	1.951864993	1.164431250
1.0330	0.85883959	0.51224464	1.676619971	0.596438082	1.952192237	1.164361793
1.0331	0.85889081	0.51215875	1.677001141	0.596302516	1.952519610	1.164292356
1.0332	0.85894202	0.51207286	1.677382438	0.596166967	1.952847112	1.164222939
1.0333	0.85899322	0.51198696	1.677763863	0.596031433	1.953174744	1.164153542
1.0334	0.85904441	0.51190106	1.678145416	0.595895916	1.953502505	1.164084165
1.0335	0.85909560	0.51181515	1.678527098	0.595760415	1.953830396	1.164014807
1.0336	0.85914678	0.51172924	1.678908907	0.595624930	1.954158417	1.163945470
1.0337	0.85919795	0.51164332	1.679290845	0.595489461	1.954486567	1.163876152
1.0338	0.85924911	0.51155740	1.679672911	0.595354008	1.954814847	1.163806855
1.0339	0.85930026	0.51147147	1.680055105	0.595218572	1.955143257	1.163737577
1.0340	0.85935140	0.51138554	1.680437428	0.595083151	1.955471797	1.163668319
1.0341	0.85940253	0.51129960	1.680819879	0.594947747	1.955800467	1.163599081
1.0342	0.85945366	0.51121366	1.681202459	0.594812359	1.956129266	1.163529863
1.0343	0.85950478	0.51112771	1.681585167	0.594676987	1.956458196	1.163460665
1.0344	0.85955589	0.51104176	1.681968004	0.594541631	1.956787257	1.163391486
1.0345	0.85960699	0.51095580	1.682350971	0.594406291	1.957116447	1.163322328
1.0346	0.85965808	0.51086984	1.682734065	0.594270967	1.957445768	1.163253189
1.0347	0.85970916	0.51078387	1.683117289	0.594135659	1.957775219	1.163184070
1.0348	0.85976023	0.51069789	1.683500642	0.594000367	1.958104801	1.163114971
1.0349	0.85981130	0.51061192	1.683884124	0.593865092	1.958434514	1.163045892

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
1.0350	0.85986236	0.51052593	1.684267735	0.593729832	1.958764357	1.162976833
1.0351	0.85991340	0.51043994	1.684651476	0.593594589	1.959094330	1.162907793
1.0352	0.85996444	0.51035395	1.685035346	0.593459361	1.959424435	1.162838774
1.0353	0.86001548	0.51026795	1.685419345	0.593324150	1.959754670	1.162769774
1.0354	0.86006650	0.51018195	1.685803473	0.593188955	1.960085037	1.162700794
1.0355	0.86011751	0.51009594	1.686187731	0.593053775	1.960415534	1.162631834
1.0356	0.86016852	0.51000992	1.686572119	0.592918612	1.960746162	1.162562893
1.0357	0.86021951	0.50992390	1.686956636	0.592783465	1.961076922	1.162493973
1.0358	0.86027050	0.50983788	1.687341284	0.592648334	1.961407813	1.162425072
1.0359	0.86032148	0.50975185	1.687726061	0.592513218	1.961738835	1.162356191
1.0360	0.86037245	0.50966582	1.688110968	0.592378119	1.962069988	1.162287329
1.0361	0.86042341	0.50957978	1.688496004	0.592243036	1.962401273	1.162218488
1.0362	0.86047437	0.50949373	1.688881171	0.592107969	1.962732690	1.162149666
1.0363	0.86052531	0.50940768	1.689266468	0.591972918	1.963064238	1.162080864
1.0364	0.86057625	0.50932163	1.689651896	0.591837882	1.963395917	1.162012082
1.0365	0.86062718	0.50923557	1.690037453	0.591702863	1.963727729	1.161943320
1.0366	0.86067810	0.50914950	1.690423141	0.591567860	1.964059672	1.161874577
1.0367	0.86072901	0.50906343	1.690808959	0.591432873	1.964391747	1.161805854
1.0368	0.86077991	0.50897735	1.691194908	0.591297901	1.964723954	1.161737151
1.0369	0.86083080	0.50889127	1.691580987	0.591162946	1.965056293	1.161668468
1.0370	0.86088169	0.50880519	1.691967197	0.591028007	1.965388765	1.161599804
1.0371	0.86093256	0.50871910	1.692353538	0.590893083	1.965721368	1.161531160
1.0372	0.86098343	0.50863300	1.692740009	0.590758176	1.966054104	1.161462536
1.0373	0.86103429	0.50854690	1.693126612	0.590623284	1.966386972	1.161393931
1.0374	0.86108514	0.50846079	1.693513345	0.590488409	1.966719972	1.161325347
1.0375	0.86113598	0.50837468	1.693900209	0.590353549	1.967053105	1.161256782
1.0376	0.86118682	0.50828857	1.694287204	0.590218705	1.967386371	1.161188236
1.0377	0.86123764	0.50820245	1.694674331	0.590083877	1.967719769	1.161119711
1.0378	0.86128846	0.50811632	1.695061589	0.589949065	1.968053299	1.161051205
1.0379	0.86133926	0.50803019	1.695448978	0.589814269	1.968386963	1.160982718
1.0380	0.86139006	0.50794405	1.695836498	0.589679489	1.968720759	1.160914252
1.0381	0.86144085	0.50785791	1.696224150	0.589544725	1.969054689	1.160845805
1.0382	0.86149163	0.50777176	1.696611934	0.589409977	1.969388751	1.160777378
1.0383	0.86154241	0.50768561	1.696999849	0.589275244	1.969722946	1.160708970
1.0384	0.86159317	0.50759946	1.697387895	0.589140528	1.970057275	1.160640582
1.0385	0.86164393	0.50751329	1.697776074	0.589005827	1.970391737	1.160572214
1.0386	0.86169467	0.50742713	1.698164384	0.588871142	1.970726332	1.160503865
1.0387	0.86174541	0.50734095	1.698552826	0.588736473	1.971061060	1.160435537
1.0388	0.86179614	0.50725478	1.698941400	0.588601820	1.971395922	1.160367227
1.0389	0.86184686	0.50716860	1.699330107	0.588467183	1.971730918	1.160298938
1.0390	0.86189758	0.50708241	1.699718945	0.588332561	1.972066046	1.160230668
1.0391	0.86194828	0.50699622	1.700107915	0.588197955	1.972401309	1.160162417
1.0392	0.86199898	0.50691002	1.700497018	0.588063366	1.972736706	1.160094187
1.0393	0.86204966	0.50682382	1.700886254	0.587928792	1.973072236	1.160025976
1.0394	0.86210034	0.50673761	1.701275621	0.587794234	1.973407900	1.159957784
1.0395	0.86215101	0.50665140	1.701665121	0.587659691	1.973743698	1.159889612
1.0396	0.86220167	0.50656518	1.702054754	0.587525165	1.974079630	1.159821460
1.0397	0.86225232	0.50647896	1.702444519	0.587390654	1.974415696	1.159753327
1.0398	0.86230297	0.50639273	1.702834418	0.587256159	1.974751897	1.159685214
1.0399	0.86235360	0.50630650	1.703224448	0.587121680	1.975088231	1.159617121

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
1.0400	0.86240423	0.50622026	1.703614612	0.586987217	1.975424700	1.159549047
1.0401	0.86245484	0.50613401	1.704004909	0.586852769	1.975761304	1.159480993
1.0402	0.86250545	0.50604777	1.704395339	0.586718338	1.976098042	1.159412958
1.0403	0.86255605	0.50596151	1.704785902	0.586583922	1.976434914	1.159344943
1.0404	0.86260665	0.50587526	1.705176598	0.586449522	1.976771922	1.159276948
1.0405	0.86265723	0.50578899	1.705567427	0.586315137	1.977109063	1.159208972
1.0406	0.86270780	0.50570272	1.705958390	0.586180768	1.977446340	1.159141015
1.0407	0.86275837	0.50561645	1.706349486	0.586046416	1.977783752	1.159073078
1.0408	0.86280893	0.50553017	1.706740716	0.585912078	1.978121298	1.159005161
1.0409	0.86285948	0.50544389	1.707132079	0.585777757	1.978458980	1.158937263
1.0410	0.86291002	0.50535760	1.707523576	0.585643451	1.978796796	1.158869385
1.0411	0.86296055	0.50527131	1.707915206	0.585509161	1.979134748	1.158801527
1.0412	0.86301107	0.50518501	1.708306971	0.585374887	1.979472835	1.158733687
1.0413	0.86306158	0.50509870	1.708698869	0.585240629	1.979811058	1.158665868
1.0414	0.86311209	0.50501240	1.709090901	0.585106386	1.980149416	1.158598068
1.0415	0.86316259	0.50492608	1.709483067	0.584972159	1.980487909	1.158530287
1.0416	0.86321308	0.50483976	1.709875367	0.584837947	1.980826538	1.158462526
1.0417	0.86326356	0.50475344	1.710267802	0.584703752	1.981165302	1.158394785
1.0418	0.86331403	0.50466711	1.710660371	0.584569572	1.981504202	1.158327063
1.0419	0.86336449	0.50458078	1.711053074	0.584435407	1.981843238	1.158259360
1.0420	0.86341494	0.50449444	1.711445911	0.584301259	1.982182410	1.158191677
1.0421	0.86346539	0.50440809	1.711838883	0.584167126	1.982521718	1.158124014
1.0422	0.86351582	0.50432174	1.712231990	0.584033008	1.982861162	1.158056369
1.0423	0.86356625	0.50423539	1.712625231	0.583898907	1.983200742	1.157988745
1.0424	0.86361667	0.50414903	1.713018607	0.583764821	1.983540458	1.157921140
1.0425	0.86366708	0.50406267	1.713412117	0.583630750	1.983880310	1.157853554
1.0426	0.86371748	0.50397630	1.713805763	0.583496696	1.984220299	1.157785988
1.0427	0.86376788	0.50388992	1.714199544	0.583362657	1.984560424	1.157718441
1.0428	0.86381826	0.50380354	1.714593459	0.583228633	1.984900685	1.157650914
1.0429	0.86386864	0.50371716	1.714987510	0.583094626	1.985241083	1.157583406
1.0430	0.86391900	0.50363077	1.715381696	0.582960634	1.985581618	1.157515918
1.0431	0.86396936	0.50354438	1.715776017	0.582826657	1.985922289	1.157448449
1.0432	0.86401971	0.50345798	1.716170473	0.582692696	1.986263097	1.157381000
1.0433	0.86407006	0.50337157	1.716565065	0.582558751	1.986604043	1.157313570
1.0434	0.86412039	0.50328516	1.716959792	0.582424821	1.986945125	1.157246159
1.0435	0.86417071	0.50319875	1.717354655	0.582290907	1.987286344	1.157178768
1.0436	0.86422103	0.50311233	1.717749654	0.582157009	1.987627700	1.157111396
1.0437	0.86427133	0.50302590	1.718144788	0.582023126	1.987969193	1.157044044
1.0438	0.86432163	0.50293947	1.718540058	0.581889258	1.988310823	1.156976711
1.0439	0.86437192	0.50285304	1.718935464	0.581755407	1.988652591	1.156909397
1.0440	0.86442220	0.50276660	1.719331006	0.581621571	1.988994497	1.156842103
1.0441	0.86447248	0.50268016	1.719726684	0.581487750	1.989336539	1.156774828
1.0442	0.86452274	0.50259371	1.720122498	0.581353945	1.989678720	1.156707573
1.0443	0.86457299	0.50250725	1.720518448	0.581220156	1.990021038	1.156640337
1.0444	0.86462324	0.50242079	1.720914535	0.581086382	1.990363493	1.156573120
1.0445	0.86467348	0.50233433	1.721310757	0.580952623	1.990706087	1.156505923
1.0446	0.86472371	0.50224786	1.721707117	0.580818880	1.991048818	1.156438745
1.0447	0.86477393	0.50216138	1.722103613	0.580685153	1.991391687	1.156371587
1.0448	0.86482414	0.50207490	1.722500245	0.580551441	1.991734695	1.156304448
1.0449	0.86487434	0.50198842	1.722897014	0.580417745	1.992077840	1.156237328

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
1.0450	0.86492454	0.50190193	1.723293920	0.580284064	1.992421124	1.156170228
1.0451	0.86497472	0.50181543	1.723690962	0.580150399	1.992764546	1.156103147
1.0452	0.86502490	0.50172893	1.724088142	0.580016750	1.993108106	1.156036085
1.0453	0.86507507	0.50164243	1.724485458	0.579883115	1.993451804	1.155969043
1.0454	0.86512523	0.50155592	1.724882912	0.579749497	1.993795641	1.155902020
1.0455	0.86517538	0.50146940	1.725280503	0.579615893	1.994139617	1.155835016
1.0456	0.86522552	0.50138288	1.725678231	0.579482306	1.994483732	1.155768032
1.0457	0.86527566	0.50129636	1.726076096	0.579348734	1.994827985	1.155701066
1.0458	0.86532578	0.50120983	1.726474098	0.579215177	1.995172377	1.155634121
1.0459	0.86537590	0.50112329	1.726872238	0.579081635	1.995516907	1.155567194
1.0460	0.86542601	0.50103675	1.727270516	0.578948110	1.995861577	1.155500287
1.0461	0.86547611	0.50095021	1.727668931	0.578814599	1.996206386	1.155433399
1.0462	0.86552620	0.50086366	1.728067484	0.578681104	1.996551334	1.155366531
1.0463	0.86557628	0.50077710	1.728466175	0.578547625	1.996896421	1.155299682
1.0464	0.86562635	0.50069054	1.728865003	0.578414161	1.997241648	1.155232852
1.0465	0.86567642	0.50060398	1.729263969	0.578280712	1.997587013	1.155166041
1.0466	0.86572647	0.50051741	1.729663074	0.578147279	1.997932519	1.155099250
1.0467	0.86577652	0.50043083	1.730062316	0.578013861	1.998278163	1.155032477
1.0468	0.86582656	0.50034425	1.730461697	0.577880459	1.998623948	1.154965725
1.0469	0.86587659	0.50025766	1.730861216	0.577747072	1.998969872	1.154898991
1.0470	0.86592661	0.50017107	1.731260873	0.577613701	1.999315936	1.154832277
1.0471	0.86597662	0.50008448	1.731660669	0.577480345	1.999662139	1.154765582
1.0472	0.86602663	0.49999788	1.732060603	0.577347004	2.000008483	1.154698906
1.0473	0.86607662	0.49991127	1.732460676	0.577213679	2.000354967	1.154632249
1.0474	0.86612661	0.49982466	1.732860887	0.577080369	2.000701590	1.154565612
1.0475	0.86617659	0.49973805	1.733261237	0.576947075	2.001048354	1.154498994
1.0476	0.86622656	0.49965143	1.733661726	0.576813795	2.001395258	1.154432395
1.0477	0.86627652	0.49956480	1.734062354	0.576680532	2.001742303	1.154365815
1.0478	0.86632647	0.49947817	1.734463120	0.576547283	2.002089487	1.154299255
1.0479	0.86637641	0.49939154	1.734864026	0.576414050	2.002436813	1.154232714
1.0480	0.86642635	0.49930490	1.735265071	0.576280833	2.002784279	1.154166192
1.0481	0.86647628	0.49921825	1.735666255	0.576147630	2.003131885	1.154099689
1.0482	0.86652619	0.49913160	1.736067578	0.576014443	2.003479632	1.154033205
1.0483	0.86657610	0.49904495	1.736469041	0.575881272	2.003827520	1.153966741
1.0484	0.86662600	0.49895829	1.736870643	0.575748116	2.004175549	1.153900296
1.0485	0.86667589	0.49887162	1.737272385	0.575614975	2.004523719	1.153833870
1.0486	0.86672578	0.49878495	1.737674266	0.575481849	2.004872030	1.153767463
1.0487	0.86677565	0.49869828	1.738076288	0.575348739	2.005220482	1.153701075
1.0488	0.86682552	0.49861160	1.738478448	0.575215644	2.005569075	1.153634707
1.0489	0.86687537	0.49852491	1.738880749	0.575082564	2.005917810	1.153568358
1.0490	0.86692522	0.49843822	1.739283190	0.574949500	2.006266686	1.153502027
1.0491	0.86697506	0.49835153	1.739685770	0.574816451	2.006615703	1.153435717
1.0492	0.86702489	0.49826483	1.740088491	0.574683417	2.006964862	1.153369425
1.0493	0.86707471	0.49817812	1.740491352	0.574550399	2.007314162	1.153303152
1.0494	0.86712453	0.49809141	1.740894353	0.574417395	2.007663604	1.153236899
1.0495	0.86717433	0.49800470	1.741297495	0.574284408	2.008013188	1.153170664
1.0496	0.86722413	0.49791798	1.741700776	0.574151435	2.008362914	1.153104449
1.0497	0.86727392	0.49783125	1.742104199	0.574018478	2.008712782	1.153038253
1.0498	0.86732369	0.49774452	1.742507762	0.573885535	2.009062792	1.152972076
1.0499	0.86737346	0.49765779	1.742911466	0.573752609	2.009412943	1.152905918

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
1.0500	0.86742323	0.49757105	1.743315310	0.573619697	2.009763237	1.152839779
1.0501	0.86747298	0.49748430	1.743719295	0.573486801	2.010113674	1.152773660
1.0502	0.86752272	0.49739755	1.744123421	0.573353920	2.010464252	1.152707559
1.0503	0.86757246	0.49731080	1.744527689	0.573221054	2.010814973	1.152641478
1.0504	0.86762218	0.49722404	1.744932097	0.573088203	2.011165837	1.152575416
1.0505	0.86767190	0.49713727	1.745336646	0.572955368	2.011516843	1.152509372
1.0506	0.86772161	0.49705050	1.745741337	0.572822548	2.011867991	1.152443348
1.0507	0.86777131	0.49696373	1.746146169	0.572689743	2.012219283	1.152377343
1.0508	0.86782100	0.49687695	1.746551142	0.572556953	2.012570717	1.152311357
1.0509	0.86787069	0.49679017	1.746956257	0.572424178	2.012922295	1.152245391
1.0510	0.86792036	0.49670338	1.747361513	0.572291419	2.013274015	1.152179443
1.0511	0.86797003	0.49661658	1.747766911	0.572158675	2.013625878	1.152113514
1.0512	0.86801969	0.49652978	1.748172451	0.572025946	2.013977885	1.152047604
1.0513	0.86806933	0.49644298	1.748578133	0.571893232	2.014330034	1.151981714
1.0514	0.86811897	0.49635617	1.748983956	0.571760534	2.014682327	1.151915842
1.0515	0.86816861	0.49626935	1.749389922	0.571627850	2.015034764	1.151849990
1.0516	0.86821823	0.49618253	1.749796029	0.571495182	2.015387344	1.151784156
1.0517	0.86826784	0.49609571	1.750202279	0.571362529	2.015740067	1.151718342
1.0518	0.86831745	0.49600888	1.750608671	0.571229891	2.016092934	1.151652547
1.0519	0.86836704	0.49592205	1.751015205	0.571097268	2.016445945	1.151586770
1.0520	0.86841663	0.49583521	1.751421882	0.570964660	2.016799100	1.151521013
1.0521	0.86846621	0.49574836	1.751828701	0.570832068	2.017152398	1.151455275
1.0522	0.86851578	0.49566151	1.752235663	0.570699491	2.017505841	1.151389555
1.0523	0.86856534	0.49557466	1.752642767	0.570566928	2.017859427	1.151323855
1.0524	0.86861490	0.49548780	1.753050014	0.570434381	2.018213158	1.151258174
1.0525	0.86866444	0.49540094	1.753457404	0.570301849	2.018567033	1.151192512
1.0526	0.86871398	0.49531407	1.753864937	0.570169332	2.018921052	1.151126869
1.0527	0.86876350	0.49522719	1.754272612	0.570036831	2.019275216	1.151061244
1.0528	0.86881302	0.49514032	1.754680431	0.569904344	2.019629524	1.150995639
1.0529	0.86886253	0.49505343	1.755088393	0.569771872	2.019983977	1.150930053
1.0530	0.86891203	0.49496654	1.755496498	0.569639416	2.020338574	1.150864486
1.0531	0.86896153	0.49487965	1.755904747	0.569506975	2.020693317	1.150798937
1.0532	0.86901101	0.49479275	1.756313139	0.569374548	2.021048204	1.150733408
1.0533	0.86906048	0.49470585	1.756721674	0.569242137	2.021403235	1.150667898
1.0534	0.86910995	0.49461894	1.757130353	0.569109741	2.021758412	1.150602406
1.0535	0.86915941	0.49453203	1.757539175	0.568977360	2.022113734	1.150536934
1.0536	0.86920886	0.49444511	1.757948142	0.568844994	2.022469201	1.150471480
1.0537	0.86925830	0.49435818	1.758357252	0.568712643	2.022824813	1.150406046
1.0538	0.86930773	0.49427126	1.758766506	0.568580307	2.023180571	1.150340630
1.0539	0.86935715	0.49418432	1.759175904	0.568447986	2.023536474	1.150275234
1.0540	0.86940657	0.49409738	1.759585446	0.568315681	2.023892522	1.150209856
1.0541	0.86945597	0.49401044	1.759995132	0.568183390	2.024248716	1.150144497
1.0542	0.86950537	0.49392349	1.760404962	0.568051114	2.024605056	1.150079157
1.0543	0.86955476	0.49383654	1.760814937	0.567918853	2.024961541	1.150013836
1.0544	0.86960413	0.49374958	1.761225056	0.567786608	2.025318172	1.149948534
1.0545	0.86965351	0.49366262	1.761635320	0.567654377	2.025674949	1.149883251
1.0546	0.86970287	0.49357565	1.762045728	0.567522161	2.026031872	1.149817987
1.0547	0.86975222	0.49348868	1.762456281	0.567389961	2.026388941	1.149752742
1.0548	0.86980156	0.49340170	1.762866979	0.567257775	2.026746157	1.149687516
1.0549	0.86985090	0.49331472	1.763277821	0.567125604	2.027103518	1.149622308

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
1.0550	0.86990023	0.49322773	1.763688808	0.566993449	2.027461026	1.149557119
1.0551	0.86994955	0.49314074	1.764099941	0.566861308	2.027818680	1.149491950
1.0552	0.86999886	0.49305374	1.764511218	0.566729182	2.028176481	1.149426799
1.0553	0.87004816	0.49296674	1.764922641	0.566597072	2.028534428	1.149361667
1.0554	0.87009745	0.49287973	1.765334208	0.566464976	2.028892522	1.149296554
1.0555	0.87014673	0.49279272	1.765745922	0.566332895	2.029250763	1.149231460
1.0556	0.87019601	0.49270570	1.766157780	0.566200829	2.029609151	1.149166384
1.0557	0.87024527	0.49261868	1.766569784	0.566068779	2.029967685	1.149101328
1.0558	0.87029453	0.49253165	1.766981934	0.565936743	2.030326367	1.149036290
1.0559	0.87034378	0.49244462	1.767394229	0.565804722	2.030685195	1.148971272
1.0560	0.87039302	0.49235758	1.767806670	0.565672716	2.031044171	1.148906272
1.0561	0.87044225	0.49227054	1.768219257	0.565540725	2.031403294	1.148841291
1.0562	0.87049147	0.49218350	1.768631990	0.565408748	2.031762564	1.148776328
1.0563	0.87054069	0.49209644	1.769044869	0.565276787	2.032121982	1.148711385
1.0564	0.87058989	0.49200939	1.769457894	0.565144841	2.032481547	1.148646460
1.0565	0.87063909	0.49192233	1.769871066	0.565012909	2.032841260	1.148581555
1.0566	0.87068828	0.49183526	1.770284383	0.564880993	2.033201121	1.148516668
1.0567	0.87073746	0.49174819	1.770697847	0.564749091	2.033561129	1.148451800
1.0568	0.87078663	0.49166111	1.771111457	0.564617205	2.033921285	1.148386950
1.0569	0.87083579	0.49157403	1.771525214	0.564485333	2.034281589	1.148322120
1.0570	0.87088494	0.49148694	1.771939118	0.564353476	2.034642041	1.148257308
1.0571	0.87093409	0.49139985	1.772353168	0.564221634	2.035002642	1.148192515
1.0572	0.87098322	0.49131276	1.772767365	0.564089807	2.035363390	1.148127741
1.0573	0.87103235	0.49122566	1.773181709	0.563957994	2.035724287	1.148062986
1.0574	0.87108147	0.49113855	1.773596200	0.563826197	2.036085332	1.147998249
1.0575	0.87113058	0.49105144	1.774010837	0.563694414	2.036446526	1.147933531
1.0576	0.87117968	0.49096433	1.774425622	0.563562647	2.036807868	1.147868833
1.0577	0.87122877	0.49087720	1.774840555	0.563430894	2.037169358	1.147804152
1.0578	0.87127785	0.49079008	1.775255634	0.563299156	2.037530998	1.147739491
1.0579	0.87132693	0.49070295	1.775670861	0.563167433	2.037892786	1.147674848
1.0580	0.87137599	0.49061581	1.776086236	0.563035724	2.038254723	1.147610224
1.0581	0.87142505	0.49052867	1.776501758	0.562904031	2.038616809	1.147545619
1.0582	0.87147410	0.49044153	1.776917427	0.562772352	2.038979045	1.147481033
1.0583	0.87152314	0.49035438	1.777333245	0.562640688	2.039341429	1.147416465
1.0584	0.87157217	0.49026722	1.777749210	0.562509039	2.039703962	1.147351916
1.0585	0.87162119	0.49018006	1.778165323	0.562377405	2.040066645	1.147287386
1.0586	0.87167021	0.49009290	1.778581585	0.562245785	2.040429478	1.147222874
1.0587	0.87171921	0.49000573	1.778997994	0.562114181	2.040792459	1.147158382
1.0588	0.87176821	0.48991856	1.779414551	0.561982591	2.041155591	1.147093907
1.0589	0.87181720	0.48983138	1.779831257	0.561851016	2.041518872	1.147029452
1.0590	0.87186617	0.48974419	1.780248111	0.561719456	2.041882303	1.146965016
1.0591	0.87191514	0.48965700	1.780665114	0.561587910	2.042245883	1.146900598
1.0592	0.87196411	0.48956981	1.781082265	0.561456379	2.042609614	1.146836198
1.0593	0.87201306	0.48948261	1.781499565	0.561324864	2.042973494	1.146771818
1.0594	0.87206200	0.48939541	1.781917013	0.561193362	2.043337525	1.146707456
1.0595	0.87211094	0.48930820	1.782334610	0.561061876	2.043701706	1.146643113
1.0596	0.87215986	0.48922098	1.782752356	0.560930404	2.044066037	1.146578789
1.0597	0.87220878	0.48913377	1.783170252	0.560798947	2.044430519	1.146514483
1.0598	0.87225769	0.48904654	1.783588296	0.560667505	2.044795151	1.146450196
1.0599	0.87230659	0.48895931	1.784006489	0.560536078	2.045159933	1.146385927

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
1.0600	0.87235548	0.48887208	1.784424832	0.560404665	2.045524867	1.146321678
1.0601	0.87240437	0.48878484	1.784843323	0.560273267	2.045889950	1.146257447
1.0602	0.87245324	0.48869760	1.785261965	0.560141884	2.046255185	1.146193234
1.0603	0.87250210	0.48861035	1.785680756	0.560010515	2.046620571	1.146129040
1.0604	0.87255096	0.48852310	1.786099696	0.559879161	2.046986107	1.146064865
1.0605	0.87259981	0.48843584	1.786518786	0.559747822	2.047351795	1.146000709
1.0606	0.87264865	0.48834858	1.786938026	0.559616498	2.047717634	1.145936571
1.0607	0.87269748	0.48826131	1.787357416	0.559485188	2.048083624	1.145872452
1.0608	0.87274630	0.48817404	1.787776955	0.559353893	2.048449765	1.145808351
1.0609	0.87279511	0.48808676	1.788196645	0.559222613	2.048816058	1.145744269
1.0610	0.87284392	0.48799948	1.788616485	0.559091347	2.049182503	1.145680206
1.0611	0.87289271	0.48791220	1.789036475	0.558960096	2.049549099	1.145616161
1.0612	0.87294150	0.48782490	1.789456615	0.558828860	2.049915846	1.145552135
1.0613	0.87299028	0.48773761	1.789876906	0.558697638	2.050282746	1.145488128
1.0614	0.87303905	0.48765031	1.790297347	0.558566431	2.050649797	1.145424139
1.0615	0.87308781	0.48756300	1.790717939	0.558435239	2.051017000	1.145360169
1.0616	0.87313656	0.48747569	1.791138681	0.558304061	2.051384356	1.145296217
1.0617	0.87318530	0.48738837	1.791559574	0.558172898	2.051751863	1.145232284
1.0618	0.87323404	0.48730105	1.791980618	0.558041750	2.052119523	1.145168370
1.0619	0.87328276	0.48721373	1.792401813	0.557910616	2.052487335	1.145104474
1.0620	0.87333148	0.48712639	1.792823159	0.557779497	2.052855299	1.145040596
1.0621	0.87338019	0.48703906	1.793244656	0.557648393	2.053223416	1.144976738
1.0622	0.87342889	0.48695172	1.793666304	0.557517303	2.053591686	1.144912897
1.0623	0.87347758	0.48686437	1.794088104	0.557386227	2.053960108	1.144849076
1.0624	0.87352626	0.48677702	1.794510055	0.557255167	2.054328683	1.144785273
1.0625	0.87357494	0.48668967	1.794932157	0.557124121	2.054697411	1.144721488
1.0626	0.87362360	0.48660231	1.795354411	0.556993089	2.055066291	1.144657722
1.0627	0.87367226	0.48651494	1.795776817	0.556862073	2.055435325	1.144593975
1.0628	0.87372090	0.48642757	1.796199374	0.556731070	2.055804512	1.144530246
1.0629	0.87376954	0.48634020	1.796622083	0.556600083	2.056173852	1.144466536
1.0630	0.87381817	0.48625282	1.797044944	0.556469110	2.056543345	1.144402844
1.0631	0.87386679	0.48616544	1.797467957	0.556338151	2.056912992	1.144339171
1.0632	0.87391540	0.48607805	1.797891123	0.556207207	2.057282793	1.144275516
1.0633	0.87396401	0.48599065	1.798314440	0.556076278	2.057652746	1.144211880
1.0634	0.87401260	0.48590325	1.798737910	0.555945363	2.058022854	1.144148263
1.0635	0.87406119	0.48581585	1.799161532	0.555814463	2.058393115	1.144084663
1.0636	0.87410977	0.48572844	1.799585306	0.555683577	2.058763530	1.144021083
1.0637	0.87415833	0.48564103	1.800009233	0.555552706	2.059134099	1.143957521
1.0638	0.87420689	0.48555361	1.800433313	0.555421849	2.059504822	1.143893977
1.0639	0.87425544	0.48546619	1.800857545	0.555291007	2.059875700	1.143830452
1.0640	0.87430399	0.48537876	1.801281930	0.555160180	2.060246731	1.143766945
1.0641	0.87435252	0.48529133	1.801706468	0.555029367	2.060617917	1.143703457
1.0642	0.87440104	0.48520389	1.802131160	0.554898568	2.060989257	1.143639987
1.0643	0.87444956	0.48511645	1.802556004	0.554767784	2.061360751	1.143576536
1.0644	0.87449807	0.48502900	1.802981001	0.554637015	2.061732400	1.143513104
1.0645	0.87454657	0.48494155	1.803406152	0.554506260	2.062104204	1.143449689
1.0646	0.87459506	0.48485409	1.803831456	0.554375519	2.062476163	1.143386294
1.0647	0.87464354	0.48476663	1.804256914	0.554244793	2.062848276	1.143322916
1.0648	0.87469201	0.48467916	1.804682525	0.554114082	2.063220544	1.143259557
1.0649	0.87474047	0.48459169	1.805108289	0.553983385	2.063592968	1.143196217

x	sin(x)	cos(x)	tan(x)	cot(x)	sec(x)	csc(x)
1.0650	0.87478893	0.48450421	1.805534208	0.553852702	2.063965546	1.143132895
1.0651	0.87483737	0.48441673	1.805960280	0.553722034	2.064338280	1.143069592
1.0652	0.87488581	0.48432924	1.806386506	0.553591381	2.064711169	1.143006306
1.0653	0.87493424	0.48424175	1.806812887	0.553460741	2.065084213	1.142943040
1.0654	0.87498266	0.48415426	1.807239421	0.553330117	2.065457413	1.142879792
1.0655	0.87503107	0.48406676	1.807666110	0.553199507	2.065830768	1.142816562
1.0656	0.87507947	0.48397925	1.808092952	0.553068911	2.066204279	1.142753351
1.0657	0.87512787	0.48389174	1.808519950	0.552938330	2.066577946	1.142690158
1.0658	0.87517625	0.48380423	1.808947101	0.552807763	2.066951769	1.142626983
1.0659	0.87522463	0.48371671	1.809374408	0.552677210	2.067325748	1.142563827
1.0660	0.87527299	0.48362918	1.809801868	0.552546672	2.067699882	1.142500689
1.0661	0.87532135	0.48354165	1.810229484	0.552416149	2.068074173	1.142437570
1.0662	0.87536970	0.48345412	1.810657255	0.552285640	2.068448620	1.142374469
1.0663	0.87541804	0.48336658	1.811085180	0.552155145	2.068823223	1.142311387
1.0664	0.87546638	0.48327903	1.811513261	0.552024665	2.069197983	1.142248323
1.0665	0.87551470	0.48319148	1.811941496	0.551894199	2.069572899	1.142185277
1.0666	0.87556301	0.48310393	1.812369887	0.551763747	2.069947972	1.142122249
1.0667	0.87561132	0.48301637	1.812798433	0.551633310	2.070323202	1.142059240
1.0668	0.87565962	0.48292881	1.813227135	0.551502887	2.070698588	1.141996250
1.0669	0.87570791	0.48284124	1.813655992	0.551372479	2.071074131	1.141933278
1.0670	0.87575619	0.48275367	1.814085004	0.551242085	2.071449831	1.141870324
1.0671	0.87580446	0.48266609	1.814514173	0.551111705	2.071825688	1.141807388
1.0672	0.87585272	0.48257851	1.814943497	0.550981340	2.072201703	1.141744471
1.0673	0.87590097	0.48249092	1.815372977	0.550850989	2.072577874	1.141681572
1.0674	0.87594922	0.48240332	1.815802613	0.550720653	2.072954203	1.141618692
1.0675	0.87599745	0.48231573	1.816232405	0.550590331	2.073330689	1.141555830
1.0676	0.87604568	0.48222813	1.816662353	0.550460023	2.073707333	1.141492986
1.0677	0.87609390	0.48214052	1.817092457	0.550329729	2.074084135	1.141430160
1.0678	0.87614211	0.48205291	1.817522718	0.550199450	2.074461094	1.141367353
1.0679	0.87619031	0.48196529	1.817953135	0.550069185	2.074838211	1.141304564
1.0680	0.87623850	0.48187767	1.818383708	0.549938935	2.075215485	1.141241794
1.0681	0.87628669	0.48179004	1.818814439	0.549808699	2.075592918	1.141179042
1.0682	0.87633486	0.48170241	1.819245326	0.549678477	2.075970509	1.141116308
1.0683	0.87638303	0.48161478	1.819676369	0.549548270	2.076348258	1.141053592
1.0684	0.87643118	0.48152713	1.820107570	0.549418076	2.076726166	1.140990895
1.0685	0.87647933	0.48143949	1.820538928	0.549287898	2.077104231	1.140928216
1.0686	0.87652747	0.48135184	1.820970442	0.549157733	2.077482455	1.140865555
1.0687	0.87657560	0.48126418	1.821402114	0.549027583	2.077860838	1.140802913
1.0688	0.87662372	0.48117652	1.821833944	0.548897447	2.078239379	1.140740289
1.0689	0.87667184	0.48108886	1.822265930	0.548767325	2.078618080	1.140677683
1.0690	0.87671994	0.48100119	1.822698074	0.548637218	2.078996938	1.140615096
1.0691	0.87676804	0.48091351	1.823130376	0.548507124	2.079375956	1.140552526
1.0692	0.87681612	0.48082584	1.823562835	0.548377046	2.079755133	1.140489975
1.0693	0.87686420	0.48073815	1.823995452	0.548246981	2.080134469	1.140427443
1.0694	0.87691227	0.48065046	1.824428227	0.548116931	2.080513964	1.140364928
1.0695	0.87696033	0.48056277	1.824861160	0.547986895	2.080893619	1.140302432
1.0696	0.87700838	0.48047507	1.825294251	0.547856873	2.081273433	1.140239954
1.0697	0.87705643	0.48038737	1.825727500	0.547726865	2.081653406	1.140177494
1.0698	0.87710446	0.48029966	1.826160907	0.547596872	2.082033539	1.140115053
1.0699	0.87715249	0.48021195	1.826594473	0.547466893	2.082413832	1.140052630

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
1.0700	0.87720050	0.48012423	1.827028197	0.547336928	2.082794284	1.139990225
1.0701	0.87724851	0.48003651	1.827462079	0.547206977	2.083174897	1.139927838
1.0702	0.87729651	0.47994878	1.827896120	0.547077041	2.083555669	1.139865469
1.0703	0.87734450	0.47986105	1.828330320	0.546947118	2.083936601	1.139803119
1.0704	0.87739248	0.47977331	1.828764678	0.546817210	2.084317694	1.139740787
1.0705	0.87744046	0.47968557	1.829199196	0.546687317	2.084698947	1.139678473
1.0706	0.87748842	0.47959782	1.829633872	0.546557437	2.085080360	1.139616177
1.0707	0.87753638	0.47951007	1.830068708	0.546427572	2.085461934	1.139553900
1.0708	0.87758432	0.47942232	1.830503703	0.546297720	2.085843668	1.139491641
1.0709	0.87763226	0.47933455	1.830938857	0.546167883	2.086225562	1.139429400
1.0710	0.87768019	0.47924679	1.831374170	0.546038061	2.086607618	1.139367177
1.0711	0.87772811	0.47915902	1.831809643	0.545908252	2.086989834	1.139304972
1.0712	0.87777602	0.47907124	1.832245276	0.545778457	2.087372212	1.139242786
1.0713	0.87782392	0.47898346	1.832681068	0.545648677	2.087754750	1.139180617
1.0714	0.87787182	0.47889568	1.833117020	0.545518911	2.088137449	1.139118467
1.0715	0.87791970	0.47880789	1.833553131	0.545389159	2.088520310	1.139056335
1.0716	0.87796758	0.47872009	1.833989403	0.545259421	2.088903332	1.138994221
1.0717	0.87801545	0.47863230	1.834425835	0.545129697	2.089286515	1.138932126
1.0718	0.87806331	0.47854449	1.834862427	0.544999988	2.089669860	1.138870048
1.0719	0.87811116	0.47845668	1.835299179	0.544870292	2.090053367	1.138807989
1.0720	0.87815900	0.47836887	1.835736091	0.544740611	2.090437035	1.138745948
1.0721	0.87820683	0.47828105	1.836173164	0.544610944	2.090820865	1.138683925
1.0722	0.87825465	0.47819323	1.836610398	0.544481291	2.091204857	1.138621920
1.0723	0.87830247	0.47810540	1.837047792	0.544351652	2.091589011	1.138559933
1.0724	0.87835027	0.47801757	1.837485347	0.544222027	2.091973327	1.138497964
1.0725	0.87839807	0.47792973	1.837923062	0.544092416	2.092357805	1.138436014
1.0726	0.87844586	0.47784189	1.838360939	0.543962820	2.092742445	1.138374081
1.0727	0.87849364	0.47775404	1.838798977	0.543833237	2.093127248	1.138312167
1.0728	0.87854141	0.47766619	1.839237175	0.543703669	2.093512213	1.138250271
1.0729	0.87858917	0.47757833	1.839675535	0.543574114	2.093897341	1.138188393
1.0730	0.87863693	0.47749047	1.840114057	0.543444574	2.094282632	1.138126533
1.0731	0.87868467	0.47740260	1.840552739	0.543315048	2.094668085	1.138064691
1.0732	0.87873241	0.47731473	1.840991584	0.543185536	2.095053701	1.138002868
1.0733	0.87878014	0.47722686	1.841430589	0.543056038	2.095439480	1.137941062
1.0734	0.87882785	0.47713898	1.841869757	0.542926554	2.095825422	1.137879274
1.0735	0.87887556	0.47705109	1.842309086	0.542797084	2.096211528	1.137817505
1.0736	0.87892326	0.47696320	1.842748577	0.542667628	2.096597796	1.137755754
1.0737	0.87897096	0.47687531	1.843188231	0.542538186	2.096984228	1.137694020
1.0738	0.87901864	0.47678741	1.843628046	0.542408759	2.097370824	1.137632305
1.0739	0.87906631	0.47669950	1.844068024	0.542279345	2.097757583	1.137570608
1.0740	0.87911398	0.47661160	1.844508163	0.542149945	2.098144505	1.137508929
1.0741	0.87916164	0.47652368	1.844948466	0.542020560	2.098531592	1.137447268
1.0742	0.87920928	0.47643576	1.845388930	0.541891188	2.098918842	1.137385625
1.0743	0.87925692	0.47634784	1.845829558	0.541761830	2.099306256	1.137324000
1.0744	0.87930455	0.47625991	1.846270348	0.541632487	2.099693834	1.137262393
1.0745	0.87935217	0.47617198	1.846711301	0.541503157	2.100081577	1.137200804
1.0746	0.87939979	0.47608404	1.847152416	0.541373842	2.100469483	1.137139234
1.0747	0.87944739	0.47599610	1.847593695	0.541244540	2.100857554	1.137077681
1.0748	0.87949499	0.47590815	1.848035137	0.541115253	2.101245789	1.137016146
1.0749	0.87954257	0.47582020	1.848476742	0.540985979	2.101634189	1.136954629

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
1.0750	0.87959015	0.47573224	1.848918510	0.540856719	2.102022754	1.136893131
1.0751	0.87963772	0.47564428	1.849360442	0.540727474	2.102411483	1.136831650
1.0752	0.87968528	0.47555632	1.849802537	0.540598242	2.102800377	1.136770188
1.0753	0.87973283	0.47546834	1.850244796	0.540469025	2.103189436	1.136708743
1.0754	0.87978037	0.47538037	1.850687218	0.540339821	2.103578660	1.136647316
1.0755	0.87982791	0.47529239	1.851129804	0.540210631	2.103968049	1.136585908
1.0756	0.87987543	0.47520440	1.851572555	0.540081455	2.104357604	1.136524517
1.0757	0.87992295	0.47511641	1.852015469	0.539952294	2.104747324	1.136463145
1.0758	0.87997045	0.47502842	1.852458547	0.539823146	2.105137209	1.136401790
1.0759	0.88001795	0.47494042	1.852901789	0.539694012	2.105527260	1.136340454
1.0760	0.88006544	0.47485242	1.853345196	0.539564892	2.105917476	1.136279135
1.0761	0.88011292	0.47476441	1.853788767	0.539435786	2.106307858	1.136217834
1.0762	0.88016040	0.47467639	1.854232503	0.539306694	2.106698406	1.136156552
1.0763	0.88020786	0.47458837	1.854676403	0.539177615	2.107089120	1.136095287
1.0764	0.88025531	0.47450035	1.855120467	0.539048551	2.107480000	1.136034040
1.0765	0.88030276	0.47441232	1.855564697	0.538919501	2.107871046	1.135972811
1.0766	0.88035020	0.47432429	1.856009092	0.538790464	2.108262258	1.135911601
1.0767	0.88039762	0.47423625	1.856453651	0.538661442	2.108653636	1.135850408
1.0768	0.88044504	0.47414821	1.856898376	0.538532433	2.109045181	1.135789233
1.0769	0.88049245	0.47406016	1.857343265	0.538403438	2.109436893	1.135728076
1.0770	0.88053986	0.47397211	1.857788320	0.538274457	2.109828771	1.135666937
1.0771	0.88058725	0.47388406	1.858233541	0.538145490	2.110220816	1.135605816
1.0772	0.88063463	0.47379600	1.858678927	0.538016537	2.110613028	1.135544713
1.0773	0.88068201	0.47370793	1.859124478	0.537887598	2.111005407	1.135483627
1.0774	0.88072937	0.47361986	1.859570196	0.537758673	2.111397952	1.135422560
1.0775	0.88077673	0.47353178	1.860016079	0.537629761	2.111790665	1.135361511
1.0776	0.88082408	0.47344370	1.860462128	0.537500863	2.112183545	1.135300479
1.0777	0.88087142	0.47335562	1.860908343	0.537371980	2.112576593	1.135239466
1.0778	0.88091875	0.47326753	1.861354724	0.537243110	2.112969807	1.135178470
1.0779	0.88096607	0.47317943	1.861801271	0.537114254	2.113363190	1.135117492
1.0780	0.88101339	0.47309134	1.862247985	0.536985411	2.113756740	1.135056533
1.0781	0.88106069	0.47300323	1.862694864	0.536856583	2.114150458	1.134995591
1.0782	0.88110799	0.47291512	1.863141911	0.536727768	2.114544343	1.134934667
1.0783	0.88115527	0.47282701	1.863589124	0.536598968	2.114938397	1.134873760
1.0784	0.88120255	0.47273889	1.864036504	0.536470181	2.115332619	1.134812872
1.0785	0.88124982	0.47265077	1.864484051	0.536341408	2.115727009	1.134752002
1.0786	0.88129708	0.47256264	1.864931764	0.536212648	2.116121567	1.134691149
1.0787	0.88134433	0.47247451	1.865379645	0.536083903	2.116516293	1.134630315
1.0788	0.88139158	0.47238637	1.865827692	0.535955171	2.116911188	1.134569498
1.0789	0.88143881	0.47229823	1.866275907	0.535826453	2.117306251	1.134508699
1.0790	0.88148604	0.47221009	1.866724290	0.535697749	2.117701483	1.134447918
1.0791	0.88153325	0.47212194	1.867172839	0.535569059	2.118096884	1.134387155
1.0792	0.88158046	0.47203378	1.867621556	0.535440382	2.118492454	1.134326409
1.0793	0.88162766	0.47194562	1.868070441	0.535311719	2.118888193	1.134265682
1.0794	0.88167485	0.47185745	1.868519494	0.535183070	2.119284101	1.134204972
1.0795	0.88172203	0.47176928	1.868968714	0.535054435	2.119680178	1.134144280
1.0796	0.88176920	0.47168111	1.869418103	0.534925814	2.120076424	1.134083606
1.0797	0.88181637	0.47159293	1.869867659	0.534797206	2.120472839	1.134022950
1.0798	0.88186352	0.47150475	1.870317384	0.534668612	2.120869425	1.133962312
1.0799	0.88191067	0.47141656	1.870767277	0.534540032	2.121266179	1.133901691

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
1.0800	0.88195781	0.47132836	1.871217338	0.534411466	2.121663104	1.133841089
1.0801	0.88200494	0.47124017	1.871667568	0.534282913	2.122060198	1.133780504
1.0802	0.88205205	0.47115196	1.872117966	0.534154374	2.122457462	1.133719937
1.0803	0.88209917	0.47106376	1.872568533	0.534025849	2.122854896	1.133659388
1.0804	0.88214627	0.47097554	1.873019268	0.533897337	2.123252500	1.133598856
1.0805	0.88219336	0.47088733	1.873470173	0.533768839	2.123650275	1.133538343
1.0806	0.88224045	0.47079910	1.873921247	0.533640355	2.124048219	1.133477847
1.0807	0.88228752	0.47071088	1.874372489	0.533511885	2.124446335	1.133417369
1.0808	0.88233459	0.47062265	1.874823901	0.533383428	2.124844620	1.133356908
1.0809	0.88238165	0.47053441	1.875275482	0.533254985	2.125243076	1.133296466
1.0810	0.88242869	0.47044617	1.875727233	0.533126556	2.125641703	1.133236041
1.0811	0.88247573	0.47035793	1.876179153	0.532998141	2.126040501	1.133175634
1.0812	0.88252277	0.47026968	1.876631242	0.532869739	2.126439470	1.133115245
1.0813	0.88256979	0.47018142	1.877083502	0.532741351	2.126838610	1.133054874
1.0814	0.88261680	0.47009316	1.877535931	0.532612976	2.127237921	1.132994520
1.0815	0.88266381	0.47000490	1.877988530	0.532484615	2.127637403	1.132934184
1.0816	0.88271080	0.46991663	1.878441299	0.532356268	2.128037057	1.132873866
1.0817	0.88275779	0.46982836	1.878894238	0.532227935	2.128436882	1.132813566
1.0818	0.88280477	0.46974008	1.879347348	0.532099615	2.128836878	1.132753283
1.0819	0.88285174	0.46965179	1.879800628	0.531971309	2.129237046	1.132693018
1.0820	0.88289870	0.46956351	1.880254078	0.531843016	2.129637386	1.132632771
1.0821	0.88294565	0.46947521	1.880707699	0.531714737	2.130037898	1.132572542
1.0822	0.88299259	0.46938692	1.881161490	0.531586472	2.130438582	1.132512330
1.0823	0.88303953	0.46929862	1.881615453	0.531458220	2.130839438	1.132452136
1.0824	0.88308645	0.46921031	1.882069586	0.531329982	2.131240466	1.132391960
1.0825	0.88313337	0.46912200	1.882523890	0.531201758	2.131641667	1.132331801
1.0826	0.88318028	0.46903368	1.882978365	0.531073547	2.132043040	1.132271660
1.0827	0.88322718	0.46894536	1.883433011	0.530945350	2.132444585	1.132211537
1.0828	0.88327407	0.46885704	1.883887829	0.530817167	2.132846303	1.132151432
1.0829	0.88332095	0.46876871	1.884342818	0.530688997	2.133248194	1.132091344
1.0830	0.88336782	0.46868037	1.884797979	0.530560841	2.133650257	1.132031274
1.0831	0.88341468	0.46859203	1.885253311	0.530432698	2.134052494	1.131971222
1.0832	0.88346154	0.46850369	1.885708815	0.530304569	2.134454903	1.131911187
1.0833	0.88350839	0.46841534	1.886164490	0.530176453	2.134857486	1.131851170
1.0834	0.88355522	0.46832699	1.886620338	0.530048351	2.135260242	1.131791171
1.0835	0.88360205	0.46823863	1.887076358	0.529920263	2.135663171	1.131731189
1.0836	0.88364887	0.46815027	1.887532549	0.529792188	2.136066274	1.131671226
1.0837	0.88369568	0.46806190	1.887988914	0.529664127	2.136469550	1.131611279
1.0838	0.88374248	0.46797353	1.888445450	0.529536080	2.136873000	1.131551351
1.0839	0.88378928	0.46788515	1.888902159	0.529408045	2.137276624	1.131491440
1.0840	0.88383606	0.46779677	1.889359040	0.529280025	2.137680421	1.131431547
1.0841	0.88388283	0.46770839	1.889816094	0.529152018	2.138084393	1.131371671
1.0842	0.88392960	0.46762000	1.890273321	0.529024025	2.138488538	1.131311813
1.0843	0.88397636	0.46753160	1.890730721	0.528896045	2.138892858	1.131251973
1.0844	0.88402311	0.46744320	1.891188294	0.528768078	2.139297353	1.131192150
1.0845	0.88406985	0.46735480	1.891646040	0.528640126	2.139702021	1.131132345
1.0846	0.88411658	0.46726639	1.892103959	0.528512186	2.140106864	1.131072558
1.0847	0.88416330	0.46717797	1.892562051	0.528384261	2.140511882	1.131012788
1.0848	0.88421001	0.46708955	1.893020317	0.528256348	2.140917075	1.130953036
1.0849	0.88425672	0.46700113	1.893478756	0.528128450	2.141322442	1.130893301

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
1.0850	0.88430341	0.46691270	1.893937369	0.528000564	2.141727984	1.130833585
1.0851	0.88435010	0.46682427	1.894396156	0.527872693	2.142133702	1.130773885
1.0852	0.88439678	0.46673583	1.894855117	0.527744834	2.142539594	1.130714204
1.0853	0.88444345	0.46664739	1.895314251	0.527616990	2.142945662	1.130654540
1.0854	0.88449011	0.46655894	1.895773560	0.527489159	2.143351906	1.130594893
1.0855	0.88453676	0.46647049	1.896233043	0.527361341	2.143758324	1.130535264
1.0856	0.88458340	0.46638204	1.896692700	0.527233537	2.144164919	1.130475653
1.0857	0.88463004	0.46629358	1.897152532	0.527105746	2.144571689	1.130416059
1.0858	0.88467666	0.46620511	1.897612538	0.526977968	2.144978635	1.130356483
1.0859	0.88472328	0.46611664	1.898072718	0.526850205	2.145385756	1.130296925
1.0860	0.88476988	0.46602817	1.898533074	0.526722454	2.145793054	1.130237384
1.0861	0.88481648	0.46593969	1.898993604	0.526594717	2.146200528	1.130177860
1.0862	0.88486307	0.46585120	1.899454309	0.526466994	2.146608179	1.130118355
1.0863	0.88490965	0.46576271	1.899915189	0.526339284	2.147016005	1.130058866
1.0864	0.88495623	0.46567422	1.900376245	0.526211587	2.147424008	1.129999396
1.0865	0.88500279	0.46558572	1.900837475	0.526083904	2.147832188	1.129939943
1.0866	0.88504934	0.46549722	1.901298881	0.525956234	2.148240544	1.129880507
1.0867	0.88509589	0.46540871	1.901760463	0.525828578	2.148649077	1.129821089
1.0868	0.88514242	0.46532020	1.902222220	0.525700935	2.149057788	1.129761689
1.0869	0.88518895	0.46523168	1.902684153	0.525573306	2.149466675	1.129702306
1.0870	0.88523547	0.46514316	1.903146261	0.525445690	2.149875739	1.129642940
1.0871	0.88528198	0.46505464	1.903608546	0.525318087	2.150284980	1.129583593
1.0872	0.88532848	0.46496611	1.904071007	0.525190498	2.150694399	1.129524262
1.0873	0.88537497	0.46487757	1.904533643	0.525062922	2.151103995	1.129464950
1.0874	0.88542146	0.46478903	1.904996456	0.524935360	2.151513769	1.129405654
1.0875	0.88546793	0.46470049	1.905459446	0.524807811	2.151923720	1.129346377
1.0876	0.88551440	0.46461194	1.905922611	0.524680275	2.152333850	1.129287116
1.0877	0.88556085	0.46452338	1.906385954	0.524552753	2.152744157	1.129227874
1.0878	0.88560730	0.46443483	1.906849473	0.524425244	2.153154642	1.129168648
1.0879	0.88565374	0.46434626	1.907313169	0.524297748	2.153565305	1.129109441
1.0880	0.88570017	0.46425769	1.907777042	0.524170266	2.153976147	1.129050250
1.0881	0.88574659	0.46416912	1.908241092	0.524042798	2.154387167	1.128991078
1.0882	0.88579300	0.46408055	1.908705319	0.523915342	2.154798365	1.128931923
1.0883	0.88583941	0.46399196	1.909169723	0.523787900	2.155209742	1.128872785
1.0884	0.88588580	0.46390338	1.909634304	0.523660471	2.155621297	1.128813665
1.0885	0.88593219	0.46381479	1.910099063	0.523533056	2.156033031	1.128754562
1.0886	0.88597857	0.46372619	1.910564000	0.523405654	2.156444944	1.128695476
1.0887	0.88602493	0.46363759	1.911029114	0.523278265	2.156857037	1.128636409
1.0888	0.88607129	0.46354899	1.911494407	0.523150890	2.157269308	1.128577358
1.0889	0.88611764	0.46346038	1.911959877	0.523023528	2.157681758	1.128518325
1.0890	0.88616399	0.46337176	1.912425525	0.522896179	2.158094388	1.128459310
1.0891	0.88621032	0.46328314	1.912891351	0.522768844	2.158507197	1.128400312
1.0892	0.88625664	0.46319452	1.913357355	0.522641522	2.158920186	1.128341331
1.0893	0.88630296	0.46310589	1.913823538	0.522514213	2.159333354	1.128282368
1.0894	0.88634926	0.46301726	1.914289900	0.522386918	2.159746703	1.128223423
1.0895	0.88639556	0.46292862	1.914756439	0.522259635	2.160160231	1.128164495
1.0896	0.88644185	0.46283998	1.915223158	0.522132367	2.160573939	1.128105584
1.0897	0.88648813	0.46275133	1.915690055	0.522005111	2.160987827	1.128046690
1.0898	0.88653440	0.46266268	1.916157132	0.521877869	2.161401895	1.127987815
1.0899	0.88658066	0.46257403	1.916624387	0.521750640	2.161816144	1.127928956

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
1.0900	0.88662691	0.46248537	1.917091822	0.521623424	2.162230573	1.127870115
1.0901	0.88667316	0.46239670	1.917559435	0.521496221	2.162645183	1.127811291
1.0902	0.88671939	0.46230803	1.918027228	0.521369032	2.163059974	1.127752485
1.0903	0.88676562	0.46221936	1.918495201	0.521241856	2.163474945	1.127693696
1.0904	0.88681184	0.46213068	1.918963353	0.521114694	2.163890097	1.127634925
1.0905	0.88685805	0.46204200	1.919431685	0.520987544	2.164305430	1.127576171
1.0906	0.88690425	0.46195331	1.919900197	0.520860408	2.164720944	1.127517434
1.0907	0.88695044	0.46186461	1.920368889	0.520733285	2.165136640	1.127458715
1.0908	0.88699662	0.46177592	1.920837760	0.520606175	2.165552516	1.127400013
1.0909	0.88704279	0.46168722	1.921306812	0.520479079	2.165968575	1.127341329
1.0910	0.88708896	0.46159851	1.921776044	0.520351996	2.166384814	1.127282662
1.0911	0.88713511	0.46150980	1.922245457	0.520224926	2.166801236	1.127224012
1.0912	0.88718126	0.46142108	1.922715050	0.520097869	2.167217839	1.127165380
1.0913	0.88722740	0.46133236	1.923184824	0.519970825	2.167634625	1.127106765
1.0914	0.88727352	0.46124364	1.923654778	0.519843795	2.168051592	1.127048167
1.0915	0.88731964	0.46115491	1.924124913	0.519716778	2.168468741	1.126989587
1.0916	0.88736576	0.46106617	1.924595229	0.519589774	2.168886073	1.126931024
1.0917	0.88741186	0.46097743	1.925065726	0.519462783	2.169303587	1.126872479
1.0918	0.88745795	0.46088869	1.925536405	0.519335806	2.169721283	1.126813950
1.0919	0.88750404	0.46079994	1.926007265	0.519208841	2.170139162	1.126755440
1.0920	0.88755011	0.46071119	1.926478306	0.519081890	2.170557224	1.126696946
1.0921	0.88759618	0.46062243	1.926949528	0.518954952	2.170975469	1.126638470
1.0922	0.88764224	0.46053367	1.927420933	0.518828027	2.171393896	1.126580011
1.0923	0.88768828	0.46044490	1.927892519	0.518701115	2.171812507	1.126521570
1.0924	0.88773432	0.46035613	1.928364287	0.518574217	2.172231300	1.126463146
1.0925	0.88778036	0.46026736	1.928836237	0.518447332	2.172650277	1.126404739
1.0926	0.88782638	0.46017858	1.929308369	0.518320459	2.173069438	1.126346349
1.0927	0.88787239	0.46008979	1.929780683	0.518193600	2.173488782	1.126287977
1.0928	0.88791840	0.46000100	1.930253179	0.518066755	2.173908309	1.126229622
1.0929	0.88796439	0.45991221	1.930725858	0.517939922	2.174328020	1.126171285
1.0930	0.88801038	0.45982341	1.931198720	0.517813102	2.174747915	1.126112964
1.0931	0.88805636	0.45973461	1.931671764	0.517686296	2.175167994	1.126054662
1.0932	0.88810233	0.45964580	1.932144991	0.517559502	2.175588257	1.125996376
1.0933	0.88814829	0.45955699	1.932618401	0.517432722	2.176008705	1.125938108
1.0934	0.88819424	0.45946817	1.933091994	0.517305955	2.176429336	1.125879856
1.0935	0.88824018	0.45937935	1.933565770	0.517179201	2.176850152	1.125821623
1.0936	0.88828611	0.45929052	1.934039729	0.517052460	2.177271153	1.125763406
1.0937	0.88833204	0.45920169	1.934513872	0.516925732	2.177692338	1.125705207
1.0938	0.88837795	0.45911285	1.934988198	0.516799018	2.178113708	1.125647025
1.0939	0.88842386	0.45902401	1.935462708	0.516672316	2.178535263	1.125588860
1.0940	0.88846976	0.45893517	1.935937401	0.516545628	2.178957003	1.125530713
1.0941	0.88851565	0.45884632	1.936412278	0.516418952	2.179378928	1.125472583
1.0942	0.88856153	0.45875747	1.936887340	0.516292290	2.179801038	1.125414470
1.0943	0.88860740	0.45866861	1.937362585	0.516165641	2.180223334	1.125356374
1.0944	0.88865326	0.45857974	1.937838014	0.516039005	2.180645815	1.125298296
1.0945	0.88869911	0.45849088	1.938313628	0.515912381	2.181068482	1.125240235
1.0946	0.88874496	0.45840200	1.938789426	0.515785771	2.181491334	1.125182191
1.0947	0.88879079	0.45831313	1.939265409	0.515659174	2.181914372	1.125124164
1.0948	0.88883662	0.45822425	1.939741577	0.515532591	2.182337596	1.125066154
1.0949	0.88888244	0.45813536	1.940217929	0.515406020	2.182761006	1.125008162

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
1.0950	0.88892825	0.45804647	1.940694466	0.515279462	2.183184603	1.124950187
1.0951	0.88897405	0.45795757	1.941171188	0.515152917	2.183608385	1.124892230
1.0952	0.88901984	0.45786867	1.941648095	0.515026385	2.184032354	1.124834289
1.0953	0.88906562	0.45777977	1.942125187	0.514899867	2.184456510	1.124776366
1.0954	0.88911140	0.45769086	1.942602465	0.514773361	2.184880852	1.124718460
1.0955	0.88915716	0.45760195	1.943079928	0.514646868	2.185305381	1.124660571
1.0956	0.88920292	0.45751303	1.943557577	0.514520389	2.185730097	1.124602699
1.0957	0.88924866	0.45742411	1.944035411	0.514393922	2.186154999	1.124544844
1.0958	0.88929440	0.45733518	1.944513432	0.514267469	2.186580089	1.124487007
1.0959	0.88934013	0.45724625	1.944991638	0.514141028	2.187005366	1.124429187
1.0960	0.88938585	0.45715731	1.945470030	0.514014600	2.187430831	1.124371384
1.0961	0.88943156	0.45706837	1.945948609	0.513888186	2.187856482	1.124313598
1.0962	0.88947726	0.45697943	1.946427373	0.513761784	2.188282322	1.124255830
1.0963	0.88952296	0.45689048	1.946906325	0.513635395	2.188708349	1.124198078
1.0964	0.88956864	0.45680152	1.947385462	0.513509020	2.189134564	1.124140344
1.0965	0.88961432	0.45671256	1.947864787	0.513382657	2.189560967	1.124082627
1.0966	0.88965999	0.45662360	1.948344298	0.513256307	2.189987558	1.124024927
1.0967	0.88970564	0.45653463	1.948823996	0.513129971	2.190414337	1.123967245
1.0968	0.88975129	0.45644566	1.949303881	0.513003647	2.190841304	1.123909579
1.0969	0.88979693	0.45635668	1.949783953	0.512877336	2.191268460	1.123851931
1.0970	0.88984256	0.45626770	1.950264212	0.512751038	2.191695804	1.123794299
1.0971	0.88988819	0.45617871	1.950744659	0.512624753	2.192123337	1.123736685
1.0972	0.88993380	0.45608972	1.951225293	0.512498482	2.192551059	1.123679088
1.0973	0.88997940	0.45600073	1.951706115	0.512372223	2.192978969	1.123621509
1.0974	0.89002500	0.45591172	1.952187125	0.512245976	2.193407069	1.123563946
1.0975	0.89007059	0.45582272	1.952668322	0.512119743	2.193835358	1.123506400
1.0976	0.89011616	0.45573371	1.953149708	0.511993523	2.194263836	1.123448872
1.0977	0.89016173	0.45564470	1.953631281	0.511867316	2.194692503	1.123391361
1.0978	0.89020729	0.45555568	1.954113043	0.511741122	2.195121360	1.123333866
1.0979	0.89025284	0.45546666	1.954594993	0.511614940	2.195550406	1.123276389
1.0980	0.89029839	0.45537763	1.955077131	0.511488772	2.195979642	1.123218929
1.0981	0.89034392	0.45528860	1.955559458	0.511362616	2.196409068	1.123161487
1.0982	0.89038944	0.45519956	1.956041974	0.511236473	2.196838684	1.123104061
1.0983	0.89043496	0.45511052	1.956524678	0.511110343	2.197268490	1.123046652
1.0984	0.89048047	0.45502147	1.957007571	0.510984226	2.197698486	1.122989261
1.0985	0.89052596	0.45493242	1.957490654	0.510858122	2.198128672	1.122931886
1.0986	0.89057145	0.45484337	1.957973925	0.510732031	2.198559049	1.122874529
1.0987	0.89061693	0.45475431	1.958457386	0.510605953	2.198989617	1.122817189
1.0988	0.89066240	0.45466524	1.958941036	0.510479888	2.199420375	1.122759866
1.0989	0.89070787	0.45457617	1.959424876	0.510353835	2.199851324	1.122702559
1.0990	0.89075332	0.45448710	1.959908906	0.510227795	2.200282463	1.122645270
1.0991	0.89079876	0.45439802	1.960393125	0.510101769	2.200713794	1.122587998
1.0992	0.89084420	0.45430894	1.960877534	0.509975755	2.201145316	1.122530744
1.0993	0.89088962	0.45421986	1.961362133	0.509849753	2.201577030	1.122473506
1.0994	0.89093504	0.45413076	1.961846922	0.509723765	2.202008934	1.122416285
1.0995	0.89098045	0.45404167	1.962331902	0.509597790	2.202441030	1.122359081
1.0996	0.89102585	0.45395257	1.962817072	0.509471827	2.202873318	1.122301895
1.0997	0.89107124	0.45386346	1.963302432	0.509345877	2.203305798	1.122244725
1.0998	0.89111662	0.45377435	1.963787983	0.509219941	2.203738470	1.122187573
1.0999	0.89116200	0.45368524	1.964273725	0.509094017	2.204171333	1.122130437

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
1.1000	0.89120736	0.45359612	1.964759657	0.508968105	2.204604389	1.122073319
1.1001	0.89125272	0.45350700	1.965245781	0.508842207	2.205037637	1.122016217
1.1002	0.89129806	0.45341787	1.965732095	0.508716321	2.205471077	1.121959133
1.1003	0.89134340	0.45332874	1.966218601	0.508590448	2.205904710	1.121902065
1.1004	0.89138873	0.45323960	1.966705299	0.508464588	2.206338535	1.121845015
1.1005	0.89143405	0.45315046	1.967192187	0.508338741	2.206772553	1.121787982
1.1006	0.89147936	0.45306132	1.967679268	0.508212907	2.207206764	1.121730965
1.1007	0.89152466	0.45297217	1.968166540	0.508087085	2.207641168	1.121673966
1.1008	0.89156995	0.45288301	1.968654004	0.507961276	2.208075765	1.121616984
1.1009	0.89161524	0.45279385	1.969141660	0.507835480	2.208510556	1.121560018
1.1010	0.89166051	0.45270469	1.969629507	0.507709697	2.208945540	1.121503070
1.1011	0.89170578	0.45261552	1.970117548	0.507583926	2.209380717	1.121446139
1.1012	0.89175103	0.45252635	1.970605780	0.507458168	2.209816088	1.121389224
1.1013	0.89179628	0.45243717	1.971094205	0.507332423	2.210251652	1.121332327
1.1014	0.89184152	0.45234799	1.971582823	0.507206691	2.210687410	1.121275447
1.1015	0.89188675	0.45225880	1.972071633	0.507080972	2.211123363	1.121218583
1.1016	0.89193197	0.45216961	1.972560636	0.506955265	2.211559509	1.121161737
1.1017	0.89197719	0.45208041	1.973049832	0.506829571	2.211995850	1.121104908
1.1018	0.89202239	0.45199121	1.973539221	0.506703890	2.212432385	1.121048095
1.1019	0.89206758	0.45190201	1.974028803	0.506578221	2.212869114	1.120991300
1.1020	0.89211277	0.45181280	1.974518579	0.506452565	2.213306038	1.120934521
1.1021	0.89215795	0.45172359	1.975008548	0.506326922	2.213743157	1.120877760
1.1022	0.89220311	0.45163437	1.975498711	0.506201292	2.214180471	1.120821015
1.1023	0.89224827	0.45154515	1.975989067	0.506075674	2.214617979	1.120764288
1.1024	0.89229342	0.45145592	1.976479618	0.505950070	2.215055683	1.120707577
1.1025	0.89233856	0.45136669	1.976970362	0.505824477	2.215493582	1.120650883
1.1026	0.89238370	0.45127745	1.977461300	0.505698898	2.215931676	1.120594206
1.1027	0.89242882	0.45118821	1.977952432	0.505573331	2.216369966	1.120537547
1.1028	0.89247393	0.45109897	1.978443759	0.505447777	2.216808451	1.120480904
1.1029	0.89251904	0.45100972	1.978935280	0.505322236	2.217247132	1.120424278
1.1030	0.89256414	0.45092046	1.979426996	0.505196707	2.217686009	1.120367669
1.1031	0.89260922	0.45083120	1.979918907	0.505071191	2.218125081	1.120311076
1.1032	0.89265430	0.45074194	1.980411012	0.504945688	2.218564350	1.120254501
1.1033	0.89269937	0.45065267	1.980903312	0.504820197	2.219003815	1.120197943
1.1034	0.89274443	0.45056340	1.981395808	0.504694719	2.219443477	1.120141401
1.1035	0.89278948	0.45047412	1.981888498	0.504569253	2.219883335	1.120084877
1.1036	0.89283453	0.45038484	1.982381384	0.504443801	2.220323389	1.120028369
1.1037	0.89287956	0.45029556	1.982874465	0.504318361	2.220763640	1.119971879
1.1038	0.89292459	0.45020627	1.983367742	0.504192933	2.221204088	1.119915405
1.1039	0.89296960	0.45011697	1.983861215	0.504067519	2.221644733	1.119858948
1.1040	0.89301461	0.45002767	1.984354883	0.503942117	2.222085575	1.119802508
1.1041	0.89305961	0.44993837	1.984848748	0.503816727	2.222526614	1.119746085
1.1042	0.89310460	0.44984906	1.985342808	0.503691350	2.222967851	1.119689679
1.1043	0.89314958	0.44975975	1.985837065	0.503565986	2.223409285	1.119633289
1.1044	0.89319455	0.44967043	1.986331518	0.503440635	2.223850917	1.119576917
1.1045	0.89323951	0.44958111	1.986826168	0.503315296	2.224292746	1.119520561
1.1046	0.89328447	0.44949178	1.987321014	0.503189969	2.224734773	1.119464222
1.1047	0.89332941	0.44940245	1.987816057	0.503064656	2.225176999	1.119407901
1.1048	0.89337435	0.44931312	1.988311296	0.502939355	2.225619422	1.119351595
1.1049	0.89341927	0.44922378	1.988806733	0.502814066	2.226062044	1.119295307

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
1.1050	0.89346419	0.44913443	1.989302367	0.502688790	2.226504863	1.119239036
1.1051	0.89350910	0.44904508	1.989798198	0.502563527	2.226947882	1.119182782
1.1052	0.89355400	0.44895573	1.990294226	0.502438276	2.227391099	1.119126544
1.1053	0.89359889	0.44886637	1.990790452	0.502313038	2.227834515	1.119070323
1.1054	0.89364377	0.44877701	1.991286876	0.502187812	2.228278129	1.119014119
1.1055	0.89368865	0.44868765	1.991783497	0.502062599	2.228721943	1.118957932
1.1056	0.89373351	0.44859827	1.992280316	0.501937399	2.229165956	1.118901762
1.1057	0.89377837	0.44850890	1.992777333	0.501812211	2.229610168	1.118845608
1.1058	0.89382321	0.44841952	1.993274548	0.501687036	2.230054579	1.118789472
1.1059	0.89386805	0.44833013	1.993771962	0.501561873	2.230499190	1.118733352
1.1060	0.89391288	0.44824074	1.994269574	0.501436723	2.230944000	1.118677249
1.1061	0.89395770	0.44815135	1.994767384	0.501311585	2.231389011	1.118621163
1.1062	0.89400251	0.44806195	1.995265393	0.501186460	2.231834221	1.118565093
1.1063	0.89404731	0.44797255	1.995763601	0.501061348	2.232279631	1.118509041
1.1064	0.89409210	0.44788314	1.996262008	0.500936248	2.232725241	1.118453005
1.1065	0.89413689	0.44779373	1.996760613	0.500811160	2.233171052	1.118396986
1.1066	0.89418166	0.44770432	1.997259418	0.500686086	2.233617063	1.118340984
1.1067	0.89422643	0.44761490	1.997758423	0.500561023	2.234063275	1.118284999
1.1068	0.89427119	0.44752547	1.998257626	0.500435973	2.234509687	1.118229030
1.1069	0.89431593	0.44743604	1.998757029	0.500310936	2.234956300	1.118173078
1.1070	0.89436067	0.44734661	1.999256632	0.500185911	2.235403114	1.118117143
1.1071	0.89440540	0.44725717	1.999756435	0.500060899	2.235850129	1.118061225
1.1072	0.89445012	0.44716773	2.000256437	0.499935899	2.236297345	1.118005323
1.1073	0.89449484	0.44707828	2.000756640	0.499810912	2.236744762	1.117949439
1.1074	0.89453954	0.44698883	2.001257043	0.499685937	2.237192381	1.117893571
1.1075	0.89458423	0.44689937	2.001757646	0.499560974	2.237640202	1.117837719
1.1076	0.89462892	0.44680991	2.002258450	0.499436024	2.238088224	1.117781885
1.1077	0.89467360	0.44672045	2.002759454	0.499311087	2.238536448	1.117726067
1.1078	0.89471826	0.44663098	2.003260659	0.499186162	2.238984874	1.117670266
1.1079	0.89476292	0.44654150	2.003762064	0.499061250	2.239433502	1.117614482
1.1080	0.89480757	0.44645202	2.004263671	0.498936350	2.239882333	1.117558715
1.1081	0.89485221	0.44636254	2.004765479	0.498811462	2.240331365	1.117502964
1.1082	0.89489684	0.44627305	2.005267488	0.498686587	2.240780600	1.117447230
1.1083	0.89494147	0.44618356	2.005769699	0.498561725	2.241230038	1.117391513
1.1084	0.89498608	0.44609406	2.006272111	0.498436874	2.241679679	1.117335812
1.1085	0.89503069	0.44600456	2.006774724	0.498312037	2.242129522	1.117280129
1.1086	0.89507528	0.44591506	2.007277540	0.498187211	2.242579569	1.117224462
1.1087	0.89511987	0.44582555	2.007780557	0.498062399	2.243029818	1.117168811
1.1088	0.89516445	0.44573603	2.008283776	0.497937598	2.243480271	1.117113178
1.1089	0.89520902	0.44564652	2.008787198	0.497812810	2.243930927	1.117057561
1.1090	0.89525358	0.44555699	2.009290822	0.497688035	2.244381787	1.117001961
1.1091	0.89529813	0.44546747	2.009794648	0.497563272	2.244832850	1.116946377
1.1092	0.89534267	0.44537793	2.010298676	0.497438521	2.245284118	1.116890810
1.1093	0.89538720	0.44528840	2.010802908	0.497313783	2.245735589	1.116835260
1.1094	0.89543173	0.44519886	2.011307342	0.497189057	2.246187264	1.116779727
1.1095	0.89547624	0.44510931	2.011811979	0.497064343	2.246639143	1.116724210
1.1096	0.89552075	0.44501976	2.012316820	0.496939642	2.247091227	1.116668710
1.1097	0.89556525	0.44493021	2.012821863	0.496814953	2.247543515	1.116613227
1.1098	0.89560974	0.44484065	2.013327110	0.496690277	2.247996008	1.116557760
1.1099	0.89565422	0.44475108	2.013832560	0.496565613	2.248448706	1.116502310

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
1.1100	0.89569869	0.44466152	2.014338214	0.496440962	2.248901608	1.116446877
1.1101	0.89574315	0.44457194	2.014844072	0.496316322	2.249354715	1.116391460
1.1102	0.89578760	0.44448237	2.015350134	0.496191696	2.249808028	1.116336060
1.1103	0.89583204	0.44439279	2.015856399	0.496067081	2.250261546	1.116280677
1.1104	0.89587648	0.44430320	2.016362869	0.495942479	2.250715269	1.116225310
1.1105	0.89592090	0.44421361	2.016869543	0.495817889	2.251169197	1.116169960
1.1106	0.89596532	0.44412402	2.017376422	0.495693312	2.251623332	1.116114627
1.1107	0.89600973	0.44403442	2.017883505	0.495568747	2.252077672	1.116059310
1.1108	0.89605413	0.44394482	2.018390793	0.495444194	2.252532218	1.116004010
1.1109	0.89609852	0.44385521	2.018898285	0.495319654	2.252986970	1.115948726
1.1110	0.89614290	0.44376560	2.019405983	0.495195126	2.253441928	1.115893459
1.1111	0.89618727	0.44367598	2.019913885	0.495070610	2.253897093	1.115838209
1.1112	0.89623163	0.44358636	2.020421993	0.494946107	2.254352464	1.115782976
1.1113	0.89627599	0.44349673	2.020930306	0.494821616	2.254808041	1.115727759
1.1114	0.89632033	0.44340710	2.021438825	0.494697137	2.255263826	1.115672558
1.1115	0.89636467	0.44331747	2.021947550	0.494572671	2.255719817	1.115617375
1.1116	0.89640900	0.44322783	2.022456480	0.494448217	2.256176015	1.115562208
1.1117	0.89645332	0.44313819	2.022965616	0.494323775	2.256632421	1.115507057
1.1118	0.89649762	0.44304854	2.023474958	0.494199346	2.257089033	1.115451923
1.1119	0.89654193	0.44295889	2.023984506	0.494074929	2.257545853	1.115396806
1.1120	0.89658622	0.44286923	2.024494260	0.493950524	2.258002881	1.115341705
1.1121	0.89663050	0.44277957	2.025004221	0.493826131	2.258460116	1.115286621
1.1122	0.89667477	0.44268991	2.025514389	0.493701751	2.258917559	1.115231554
1.1123	0.89671904	0.44260024	2.026024763	0.493577383	2.259375210	1.115176503
1.1124	0.89676329	0.44251056	2.026535344	0.493453027	2.259833069	1.115121469
1.1125	0.89680754	0.44242088	2.027046132	0.493328684	2.260291137	1.115066451
1.1126	0.89685178	0.44233120	2.027557127	0.493204352	2.260749412	1.115011450
1.1127	0.89689601	0.44224151	2.028068330	0.493080034	2.261207896	1.114956465
1.1128	0.89694023	0.44215182	2.028579740	0.492955727	2.261666589	1.114901497
1.1129	0.89698444	0.44206212	2.029091357	0.492831432	2.262125491	1.114846546
1.1130	0.89702864	0.44197242	2.029603182	0.492707150	2.262584601	1.114791611
1.1131	0.89707283	0.44188272	2.030115215	0.492582880	2.263043920	1.114736693
1.1132	0.89711701	0.44179301	2.030627456	0.492458623	2.263503449	1.114681791
1.1133	0.89716119	0.44170330	2.031139904	0.492334377	2.263963187	1.114626906
1.1134	0.89720535	0.44161358	2.031652562	0.492210144	2.264423134	1.114572037
1.1135	0.89724951	0.44152385	2.032165427	0.492085923	2.264883291	1.114517185
1.1136	0.89729366	0.44143413	2.032678501	0.491961714	2.265343658	1.114462349
1.1137	0.89733780	0.44134440	2.033191783	0.491837518	2.265804234	1.114407530
1.1138	0.89738193	0.44125466	2.033705275	0.491713334	2.266265021	1.114352728
1.1139	0.89742605	0.44116492	2.034218975	0.491589161	2.266726017	1.114297942
1.1140	0.89747016	0.44107517	2.034732884	0.491465002	2.267187224	1.114243173
1.1141	0.89751426	0.44098543	2.035247002	0.491340854	2.267648641	1.114188420
1.1142	0.89755836	0.44089567	2.035761330	0.491216718	2.268110269	1.114133683
1.1143	0.89760244	0.44080591	2.036275867	0.491092595	2.268572108	1.114078964
1.1144	0.89764652	0.44071615	2.036790614	0.490968484	2.269034157	1.114024260
1.1145	0.89769059	0.44062638	2.037305571	0.490844385	2.269496417	1.113969573
1.1146	0.89773464	0.44053661	2.037820737	0.490720298	2.269958889	1.113914903
1.1147	0.89777869	0.44044684	2.038336113	0.490596224	2.270421571	1.113860249
1.1148	0.89782273	0.44035706	2.038851700	0.490472161	2.270884465	1.113805612
1.1149	0.89786677	0.44026727	2.039367497	0.490348111	2.271347571	1.113750991

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
1.1150	0.89791079	0.44017748	2.039883504	0.490224073	2.271810888	1.113696387
1.1151	0.89795480	0.44008769	2.040399722	0.490100047	2.272274417	1.113641799
1.1152	0.89799881	0.43999789	2.040916150	0.489976034	2.272738157	1.113587228
1.1153	0.89804280	0.43990809	2.041432789	0.489852032	2.273202110	1.113532673
1.1154	0.89808679	0.43981828	2.041949640	0.489728043	2.273666275	1.113478134
1.1155	0.89813076	0.43972847	2.042466701	0.489604065	2.274130653	1.113423612
1.1156	0.89817473	0.43963866	2.042983974	0.489480100	2.274595242	1.113369107
1.1157	0.89821869	0.43954884	2.043501458	0.489356147	2.275060045	1.113314618
1.1158	0.89826264	0.43945901	2.044019153	0.489232206	2.275525060	1.113260146
1.1159	0.89830658	0.43936919	2.044537061	0.489108277	2.275990288	1.113205689
1.1160	0.89835052	0.43927935	2.045055180	0.488984361	2.276455730	1.113151250
1.1161	0.89839444	0.43918952	2.045573511	0.488860456	2.276921384	1.113096827
1.1162	0.89843835	0.43909967	2.046092054	0.488736564	2.277387252	1.113042420
1.1163	0.89848226	0.43900983	2.046610810	0.488612684	2.277853333	1.112988030
1.1164	0.89852616	0.43891998	2.047129777	0.488488815	2.278319628	1.112933656
1.1165	0.89857004	0.43883012	2.047648958	0.488364959	2.278786136	1.112879299
1.1166	0.89861392	0.43874026	2.048168351	0.488241115	2.279252858	1.112824958
1.1167	0.89865779	0.43865040	2.048687956	0.488117283	2.279719795	1.112770633
1.1168	0.89870165	0.43856053	2.049207775	0.487993464	2.280186945	1.112716325
1.1169	0.89874550	0.43847066	2.049727807	0.487869656	2.280654310	1.112662034
1.1170	0.89878935	0.43838078	2.050248052	0.487745860	2.281121890	1.112607758
1.1171	0.89883318	0.43829090	2.050768510	0.487622077	2.281589683	1.112553500
1.1172	0.89887700	0.43820102	2.051289182	0.487498305	2.282057692	1.112499257
1.1173	0.89892082	0.43811113	2.051810068	0.487374546	2.282525915	1.112445031
1.1174	0.89896463	0.43802123	2.052331167	0.487250798	2.282994354	1.112390822
1.1175	0.89900842	0.43793133	2.052852481	0.487127063	2.283463008	1.112336629
1.1176	0.89905221	0.43784143	2.053374008	0.487003340	2.283931877	1.112282452
1.1177	0.89909599	0.43775152	2.053895750	0.486879629	2.284400961	1.112228292
1.1178	0.89913976	0.43766161	2.054417706	0.486755930	2.284870261	1.112174148
1.1179	0.89918352	0.43757170	2.054939876	0.486632242	2.285339777	1.112120020
1.1180	0.89922728	0.43748177	2.055462261	0.486508567	2.285809508	1.112065909
1.1181	0.89927102	0.43739185	2.055984861	0.486384904	2.286279456	1.112011814
1.1182	0.89931476	0.43730192	2.056507676	0.486261253	2.286749619	1.111957736
1.1183	0.89935848	0.43721199	2.057030706	0.486137614	2.287219999	1.111903674
1.1184	0.89940220	0.43712205	2.057553951	0.486013987	2.287690596	1.111849628
1.1185	0.89944591	0.43703211	2.058077412	0.485890372	2.288161409	1.111795599
1.1186	0.89948960	0.43694216	2.058601088	0.485766769	2.288632438	1.111741586
1.1187	0.89953329	0.43685221	2.059124979	0.485643179	2.289103685	1.111687590
1.1188	0.89957698	0.43676225	2.059649087	0.485519600	2.289575149	1.111633609
1.1189	0.89962065	0.43667229	2.060173410	0.485396033	2.290046829	1.111579646
1.1190	0.89966431	0.43658233	2.060697950	0.485272478	2.290518727	1.111525698
1.1191	0.89970796	0.43649236	2.061222706	0.485148935	2.290990843	1.111471767
1.1192	0.89975161	0.43640239	2.061747678	0.485025404	2.291463176	1.111417852
1.1193	0.89979524	0.43631241	2.062272866	0.484901885	2.291935727	1.111363954
1.1194	0.89983887	0.43622243	2.062798272	0.484778378	2.292408495	1.111310072
1.1195	0.89988249	0.43613244	2.063323894	0.484654883	2.292881482	1.111256206
1.1196	0.89992610	0.43604245	2.063849733	0.484531400	2.293354687	1.111202357
1.1197	0.89996970	0.43595246	2.064375789	0.484407929	2.293828110	1.111148524
1.1198	0.90001329	0.43586246	2.064902062	0.484284470	2.294301751	1.111094707
1.1199	0.90005687	0.43577245	2.065428553	0.484161022	2.294775612	1.111040906

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
1.1200	0.90010044	0.43568245	2.065955261	0.484037587	2.295249691	1.110987122
1.1201	0.90014401	0.43559243	2.066482187	0.483914164	2.295723988	1.110933354
1.1202	0.90018756	0.43550242	2.067009331	0.483790753	2.296198505	1.110879603
1.1203	0.90023111	0.43541240	2.067536693	0.483667353	2.296673241	1.110825868
1.1204	0.90027464	0.43532237	2.068064273	0.483543966	2.297148196	1.110772149
1.1205	0.90031817	0.43523234	2.068592071	0.483420590	2.297623371	1.110718446
1.1206	0.90036169	0.43514231	2.069120087	0.483297227	2.298098766	1.110664760
1.1207	0.90040520	0.43505227	2.069648323	0.483173875	2.298574380	1.110611090
1.1208	0.90044870	0.43496223	2.070176776	0.483050535	2.299050214	1.110557436
1.1209	0.90049219	0.43487218	2.070705449	0.482927207	2.299526268	1.110503799
1.1210	0.90053567	0.43478213	2.071234341	0.482803892	2.300002542	1.110450178
1.1211	0.90057915	0.43469207	2.071763451	0.482680588	2.300479037	1.110396573
1.1212	0.90062261	0.43460201	2.072292781	0.482557295	2.300955752	1.110342985
1.1213	0.90066607	0.43451195	2.072822331	0.482434015	2.301432688	1.110289412
1.1214	0.90070952	0.43442188	2.073352100	0.482310747	2.301909844	1.110235856
1.1215	0.90075295	0.43433181	2.073882089	0.482187491	2.302387222	1.110182317
1.1216	0.90079638	0.43424173	2.074412297	0.482064246	2.302864820	1.110128793
1.1217	0.90083980	0.43415165	2.074942726	0.481941013	2.303342640	1.110075286
1.1218	0.90088321	0.43406156	2.075473375	0.481817793	2.303820681	1.110021795
1.1219	0.90092661	0.43397147	2.076004244	0.481694584	2.304298944	1.109968320
1.1220	0.90097001	0.43388138	2.076535334	0.481571387	2.304777428	1.109914862
1.1221	0.90101339	0.43379128	2.077066644	0.481448201	2.305256134	1.109861420
1.1222	0.90105676	0.43370117	2.077598175	0.481325028	2.305735062	1.109807994
1.1223	0.90110013	0.43361106	2.078129927	0.481201867	2.306214212	1.109754584
1.1224	0.90114349	0.43352095	2.078661900	0.481078717	2.306693585	1.109701190
1.1225	0.90118683	0.43343084	2.079194094	0.480955579	2.307173179	1.109647813
1.1226	0.90123017	0.43334072	2.079726509	0.480832453	2.307652997	1.109594452
1.1227	0.90127350	0.43325059	2.080259146	0.480709339	2.308133037	1.109541107
1.1228	0.90131682	0.43316046	2.080792005	0.480586237	2.308613300	1.109487779
1.1229	0.90136013	0.43307033	2.081325086	0.480463147	2.309093786	1.109434466
1.1230	0.90140344	0.43298019	2.081858388	0.480340068	2.309574495	1.109381170
1.1231	0.90144673	0.43289005	2.082391912	0.480217001	2.310055427	1.109327890
1.1232	0.90149002	0.43279990	2.082925659	0.480093946	2.310536583	1.109274627
1.1233	0.90153329	0.43270975	2.083459628	0.479970903	2.311017963	1.109221379
1.1234	0.90157656	0.43261959	2.083993820	0.479847872	2.311499566	1.109168148
1.1235	0.90161981	0.43252943	2.084528234	0.479724853	2.311981393	1.109114933
1.1236	0.90166306	0.43243927	2.085062872	0.479601845	2.312463444	1.109061734
1.1237	0.90170630	0.43234910	2.085597732	0.479478849	2.312945719	1.109008551
1.1238	0.90174953	0.43225893	2.086132815	0.479355865	2.313428219	1.108955385
1.1239	0.90179275	0.43216875	2.086668122	0.479232893	2.313910943	1.108902234
1.1240	0.90183597	0.43207857	2.087203652	0.479109932	2.314393892	1.108849100
1.1241	0.90187917	0.43198838	2.087739406	0.478986983	2.314877065	1.108795982
1.1242	0.90192236	0.43189819	2.088275383	0.478864046	2.315360464	1.108742880
1.1243	0.90196555	0.43180800	2.088811585	0.478741121	2.315844087	1.108689795
1.1244	0.90200873	0.43171780	2.089348010	0.478618208	2.316327936	1.108636725
1.1245	0.90205189	0.43162760	2.089884660	0.478495306	2.316812010	1.108583672
1.1246	0.90209505	0.43153739	2.090421534	0.478372416	2.317296310	1.108530635
1.1247	0.90213820	0.43144718	2.090958632	0.478249538	2.317780836	1.108477614
1.1248	0.90218134	0.43135696	2.091495955	0.478126672	2.318265587	1.108424609
1.1249	0.90222447	0.43126674	2.092033503	0.478003817	2.318750564	1.108371620

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
1.1250	0.90226759	0.43117652	2.092571276	0.477880974	2.319235768	1.108318648
1.1251	0.90231071	0.43108629	2.093109274	0.477758143	2.319721198	1.108265692
1.1252	0.90235381	0.43099605	2.093647498	0.477635324	2.320206854	1.108212751
1.1253	0.90239691	0.43090582	2.094185946	0.477512516	2.320692737	1.108159827
1.1254	0.90243999	0.43081558	2.094724621	0.477389720	2.321178846	1.108106919
1.1255	0.90248307	0.43072533	2.095263521	0.477266936	2.321665183	1.108054028
1.1256	0.90252614	0.43063508	2.095802647	0.477144163	2.322151746	1.108001152
1.1257	0.90256920	0.43054482	2.096341999	0.477021402	2.322638537	1.107948292
1.1258	0.90261225	0.43045456	2.096881577	0.476898653	2.323125555	1.107895449
1.1259	0.90265529	0.43036430	2.097421381	0.476775916	2.323612801	1.107842621
1.1260	0.90269832	0.43027403	2.097961412	0.476653190	2.324100275	1.107789810
1.1261	0.90274134	0.43018376	2.098501670	0.476530476	2.324587976	1.107737015
1.1262	0.90278436	0.43009349	2.099042154	0.476407774	2.325075905	1.107684236
1.1263	0.90282736	0.43000320	2.099582865	0.476285083	2.325564062	1.107631473
1.1264	0.90287036	0.42991292	2.100123804	0.476162404	2.326052448	1.107578727
1.1265	0.90291334	0.42982263	2.100664969	0.476039737	2.326541062	1.107525996
1.1266	0.90295632	0.42973234	2.101206362	0.475917082	2.327029905	1.107473281
1.1267	0.90299929	0.42964204	2.101747983	0.475794438	2.327518976	1.107420583
1.1268	0.90304225	0.42955174	2.102289831	0.475671806	2.328008276	1.107367900
1.1269	0.90308520	0.42946143	2.102831907	0.475549185	2.328497806	1.107315234
1.1270	0.90312814	0.42937112	2.103374212	0.475426576	2.328987564	1.107262584
1.1271	0.90317107	0.42928081	2.103916744	0.475303979	2.329477552	1.107209950
1.1272	0.90321400	0.42919049	2.104459505	0.475181393	2.329967770	1.107157331
1.1273	0.90325691	0.42910016	2.105002494	0.475058820	2.330458217	1.107104729
1.1274	0.90329982	0.42900983	2.105545712	0.474936257	2.330948894	1.107052144
1.1275	0.90334271	0.42891950	2.106089159	0.474813707	2.331439801	1.106999574
1.1276	0.90338560	0.42882917	2.106632834	0.474691168	2.331930938	1.106947020
1.1277	0.90342848	0.42873883	2.107176739	0.474568640	2.332422305	1.106894482
1.1278	0.90347135	0.42864848	2.107720873	0.474446125	2.332913903	1.106841960
1.1279	0.90351421	0.42855813	2.108265237	0.474323620	2.333405732	1.106789455
1.1280	0.90355706	0.42846778	2.108809830	0.474201128	2.333897791	1.106736965
1.1281	0.90359990	0.42837742	2.109354653	0.474078647	2.334390081	1.106684491
1.1282	0.90364274	0.42828706	2.109899705	0.473956178	2.334882602	1.106632034
1.1283	0.90368556	0.42819669	2.110444988	0.473833720	2.335375355	1.106579592
1.1284	0.90372838	0.42810632	2.110990501	0.473711274	2.335868338	1.106527167
1.1285	0.90377118	0.42801595	2.111536244	0.473588840	2.336361554	1.106474758
1.1286	0.90381398	0.42792557	2.112082218	0.473466417	2.336855001	1.106422364
1.1287	0.90385677	0.42783518	2.112628422	0.473344006	2.337348680	1.106369987
1.1288	0.90389955	0.42774480	2.113174858	0.473221606	2.337842591	1.106317625
1.1289	0.90394232	0.42765440	2.113721524	0.473099218	2.338336734	1.106265280
1.1290	0.90398508	0.42756401	2.114268422	0.472976841	2.338831109	1.106212951
1.1291	0.90402783	0.42747361	2.114815550	0.472854477	2.339325717	1.106160638
1.1292	0.90407057	0.42738320	2.115362911	0.472732123	2.339820558	1.106108340
1.1293	0.90411331	0.42729279	2.115910502	0.472609781	2.340315631	1.106056059
1.1294	0.90415603	0.42720238	2.116458326	0.472487451	2.340810938	1.106003794
1.1295	0.90419875	0.42711196	2.117006382	0.472365133	2.341306477	1.105951544
1.1296	0.90424145	0.42702154	2.117554669	0.472242825	2.341802250	1.105899311
1.1297	0.90428415	0.42693111	2.118103189	0.472120530	2.342298256	1.105847094
1.1298	0.90432684	0.42684068	2.118651942	0.471998246	2.342794496	1.105794892
1.1299	0.90436952	0.42675025	2.119200927	0.471875973	2.343290969	1.105742707

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
1.1300	0.90441219	0.42665981	2.119750144	0.471753712	2.343787677	1.105690538
1.1301	0.90445485	0.42656936	2.120299595	0.471631463	2.344284618	1.105638384
1.1302	0.90449750	0.42647892	2.120849278	0.471509225	2.344781794	1.105586247
1.1303	0.90454015	0.42638847	2.121399195	0.471386999	2.345279204	1.105534126
1.1304	0.90458278	0.42629801	2.121949345	0.471264784	2.345776849	1.105482020
1.1305	0.90462541	0.42620755	2.122499729	0.471142581	2.346274728	1.105429931
1.1306	0.90466802	0.42611708	2.123050346	0.471020389	2.346772842	1.105377857
1.1307	0.90471063	0.42602661	2.123601198	0.470898209	2.347271191	1.105325799
1.1308	0.90475323	0.42593614	2.124152283	0.470776040	2.347769776	1.105273758
1.1309	0.90479582	0.42584566	2.124703602	0.470653883	2.348268596	1.105221732
1.1310	0.90483840	0.42575518	2.125255156	0.470531737	2.348767651	1.105169722
1.1311	0.90488097	0.42566470	2.125806944	0.470409603	2.349266942	1.105117729
1.1312	0.90492353	0.42557421	2.126358967	0.470287480	2.349766469	1.105065751
1.1313	0.90496608	0.42548371	2.126911225	0.470165369	2.350266231	1.105013789
1.1314	0.90500863	0.42539321	2.127463717	0.470043269	2.350766230	1.104961843
1.1315	0.90505116	0.42530271	2.128016445	0.469921180	2.351266465	1.104909913
1.1316	0.90509369	0.42521220	2.128569408	0.469799104	2.351766937	1.104857999
1.1317	0.90513620	0.42512169	2.129122607	0.469677038	2.352267645	1.104806101
1.1318	0.90517871	0.42503118	2.129676041	0.469554984	2.352768590	1.104754219
1.1319	0.90522121	0.42494066	2.130229711	0.469432942	2.353269772	1.104702352
1.1320	0.90526370	0.42485013	2.130783617	0.469310911	2.353771191	1.104650502
1.1321	0.90530618	0.42475960	2.131337759	0.469188891	2.354272848	1.104598667
1.1322	0.90534865	0.42466907	2.131892137	0.469066883	2.354774741	1.104546849
1.1323	0.90539111	0.42457853	2.132446751	0.468944887	2.355276873	1.104495046
1.1324	0.90543357	0.42448799	2.133001603	0.468822901	2.355779242	1.104443259
1.1325	0.90547601	0.42439745	2.133556691	0.468700928	2.356281849	1.104391488
1.1326	0.90551845	0.42430690	2.134112016	0.468578965	2.356784694	1.104339733
1.1327	0.90556087	0.42421634	2.134667578	0.468457014	2.357287778	1.104287994
1.1328	0.90560329	0.42412578	2.135223377	0.468335075	2.357791099	1.104236271
1.1329	0.90564570	0.42403522	2.135779413	0.468213147	2.358294660	1.104184564
1.1330	0.90568810	0.42394466	2.136335688	0.468091230	2.358798459	1.104132872
1.1331	0.90573049	0.42385408	2.136892199	0.467969325	2.359302497	1.104081197
1.1332	0.90577287	0.42376351	2.137448949	0.467847431	2.359806774	1.104029537
1.1333	0.90581524	0.42367293	2.138005937	0.467725549	2.360311290	1.103977893
1.1334	0.90585760	0.42358235	2.138563163	0.467603678	2.360816046	1.103926265
1.1335	0.90589996	0.42349176	2.139120628	0.467481818	2.361321041	1.103874653
1.1336	0.90594230	0.42340117	2.139678331	0.467359970	2.361826276	1.103823057
1.1337	0.90598464	0.42331057	2.140236272	0.467238133	2.362331751	1.103771477
1.1338	0.90602696	0.42321997	2.140794453	0.467116307	2.362837466	1.103719912
1.1339	0.90606928	0.42312936	2.141352873	0.466994493	2.363343421	1.103668364
1.1340	0.90611159	0.42303876	2.141911531	0.466872691	2.363849616	1.103616831
1.1341	0.90615389	0.42294814	2.142470430	0.466750899	2.364356052	1.103565314
1.1342	0.90619618	0.42285752	2.143029567	0.466629119	2.364862729	1.103513813
1.1343	0.90623846	0.42276690	2.143588945	0.466507351	2.365369647	1.103462328
1.1344	0.90628073	0.42267628	2.144148562	0.466385594	2.365876805	1.103410858
1.1345	0.90632299	0.42258565	2.144708420	0.466263848	2.366384205	1.103359405
1.1346	0.90636525	0.42249501	2.145268517	0.466142113	2.366891846	1.103307967
1.1347	0.90640749	0.42240437	2.145828855	0.466020390	2.367399729	1.103256545
1.1348	0.90644973	0.42231373	2.146389433	0.465898678	2.367907853	1.103205139
1.1349	0.90649196	0.42222308	2.146950253	0.465776978	2.368416219	1.103153749

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
1.1350	0.90653417	0.42213243	2.147511313	0.465655289	2.368924827	1.103102374
1.1351	0.90657638	0.42204178	2.148072614	0.465533611	2.369433678	1.103051015
1.1352	0.90661858	0.42195112	2.148634156	0.465411944	2.369942771	1.102999673
1.1353	0.90666077	0.42186045	2.149195939	0.465290289	2.370452106	1.102948346
1.1354	0.90670295	0.42176979	2.149757965	0.465168645	2.370961684	1.102897034
1.1355	0.90674513	0.42167911	2.150320231	0.465047013	2.371471505	1.102845739
1.1356	0.90678729	0.42158844	2.150882740	0.464925392	2.371981569	1.102794459
1.1357	0.90682944	0.42149776	2.151445491	0.464803782	2.372491876	1.102743196
1.1358	0.90687159	0.42140707	2.152008484	0.464682183	2.373002426	1.102691948
1.1359	0.90691373	0.42131638	2.152571719	0.464560596	2.373513220	1.102640715
1.1360	0.90695585	0.42122569	2.153135197	0.464439020	2.374024257	1.102589499
1.1361	0.90699797	0.42113499	2.153698917	0.464317455	2.374535539	1.102538298
1.1362	0.90704008	0.42104429	2.154262881	0.464195902	2.375047064	1.102487113
1.1363	0.90708218	0.42095358	2.154827087	0.464074359	2.375558834	1.102435944
1.1364	0.90712427	0.42086287	2.155391537	0.463952829	2.376070848	1.102384791
1.1365	0.90716635	0.42077216	2.155956230	0.463831309	2.376583107	1.102333653
1.1366	0.90720843	0.42068144	2.156521166	0.463709801	2.377095610	1.102282531
1.1367	0.90725049	0.42059072	2.157086346	0.463588304	2.377608358	1.102231425
1.1368	0.90729254	0.42049999	2.157651770	0.463466818	2.378121351	1.102180335
1.1369	0.90733459	0.42040926	2.158217439	0.463345343	2.378634590	1.102129261
1.1370	0.90737663	0.42031852	2.158783351	0.463223880	2.379148074	1.102078202
1.1371	0.90741865	0.42022778	2.159349508	0.463102428	2.379661803	1.102027159
1.1372	0.90746067	0.42013704	2.159915909	0.462980987	2.380175778	1.101976132
1.1373	0.90750268	0.42004629	2.160482555	0.462859558	2.380689999	1.101925120
1.1374	0.90754468	0.41995554	2.161049446	0.462738139	2.381204466	1.101874124
1.1375	0.90758667	0.41986478	2.161616582	0.462616732	2.381719179	1.101823144
1.1376	0.90762865	0.41977402	2.162183963	0.462495337	2.382234139	1.101772180
1.1377	0.90767063	0.41968325	2.162751590	0.462373952	2.382749345	1.101721231
1.1378	0.90771259	0.41959249	2.163319462	0.462252579	2.383264798	1.101670298
1.1379	0.90775454	0.41950171	2.163887580	0.462131217	2.383780498	1.101619381
1.1380	0.90779649	0.41941093	2.164455944	0.462009866	2.384296444	1.101568480
1.1381	0.90783843	0.41932015	2.165024554	0.461888526	2.384812639	1.101517594
1.1382	0.90788035	0.41922937	2.165593411	0.461767197	2.385329080	1.101466724
1.1383	0.90792227	0.41913858	2.166162513	0.461645880	2.385845769	1.101415870
1.1384	0.90796418	0.41904778	2.166731863	0.461524574	2.386362706	1.101365031
1.1385	0.90800608	0.41895698	2.167301459	0.461403279	2.386879891	1.101314209
1.1386	0.90804797	0.41886618	2.167871302	0.461281995	2.387397324	1.101263401
1.1387	0.90808986	0.41877537	2.168441392	0.461160723	2.387915005	1.101212610
1.1388	0.90813173	0.41868456	2.169011730	0.461039462	2.388432935	1.101161834
1.1389	0.90817359	0.41859375	2.169582315	0.460918211	2.388951113	1.101111074
1.1390	0.90821545	0.41850293	2.170153147	0.460796972	2.389469540	1.101060330
1.1391	0.90825729	0.41841210	2.170724227	0.460675745	2.389988216	1.101009601
1.1392	0.90829913	0.41832128	2.171295556	0.460554528	2.390507141	1.100958888
1.1393	0.90834096	0.41823045	2.171867132	0.460433323	2.391026315	1.100908191
1.1394	0.90838278	0.41813961	2.172438957	0.460312128	2.391545739	1.100857509
1.1395	0.90842459	0.41804877	2.173011031	0.460190945	2.392065413	1.100806843
1.1396	0.90846639	0.41795792	2.173583353	0.460069773	2.392585336	1.100756193
1.1397	0.90850818	0.41786708	2.174155924	0.459948612	2.393105510	1.100705558
1.1398	0.90854996	0.41777622	2.174728744	0.459827463	2.393625933	1.100654939
1.1399	0.90859173	0.41768537	2.175301813	0.459706324	2.394146607	1.100604336

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
1.1400	0.90863350	0.41759450	2.175875131	0.459585197	2.394667532	1.100553748
1.1401	0.90867525	0.41750364	2.176448699	0.459464080	2.395188707	1.100503176
1.1402	0.90871700	0.41741277	2.177022517	0.459342975	2.395710133	1.100452620
1.1403	0.90875873	0.41732190	2.177596585	0.459221881	2.396231810	1.100402079
1.1404	0.90880046	0.41723102	2.178170903	0.459100798	2.396753738	1.100351554
1.1405	0.90884218	0.41714014	2.178745471	0.458979726	2.397275918	1.100301045
1.1406	0.90888389	0.41704925	2.179320289	0.458858666	2.397798349	1.100250551
1.1407	0.90892559	0.41695836	2.179895358	0.458737616	2.398321032	1.100200073
1.1408	0.90896728	0.41686746	2.180470678	0.458616578	2.398843967	1.100149610
1.1409	0.90900896	0.41677656	2.181046249	0.458495550	2.399367154	1.100099164
1.1410	0.90905064	0.41668566	2.181622070	0.458374534	2.399890593	1.100048732
1.1411	0.90909230	0.41659475	2.182198144	0.458253529	2.400414285	1.099998317
1.1412	0.90913396	0.41650384	2.182774468	0.458132535	2.400938229	1.099947917
1.1413	0.90917560	0.41641293	2.183351044	0.458011552	2.401462426	1.099897532
1.1414	0.90921724	0.41632201	2.183927873	0.457890580	2.401986876	1.099847164
1.1415	0.90925887	0.41623108	2.184504953	0.457769619	2.402511579	1.099796810
1.1416	0.90930048	0.41614016	2.185082285	0.457648669	2.403036536	1.099746473
1.1417	0.90934209	0.41604922	2.185659870	0.457527731	2.403561746	1.099696151
1.1418	0.90938369	0.41595829	2.186237707	0.457406803	2.404087210	1.099645845
1.1419	0.90942529	0.41586735	2.186815797	0.457285886	2.404612927	1.099595554
1.1420	0.90946687	0.41577640	2.187394140	0.457164981	2.405138899	1.099545279
1.1421	0.90950844	0.41568545	2.187972736	0.457044086	2.405665125	1.099495019
1.1422	0.90955000	0.41559450	2.188551585	0.456923203	2.406191605	1.099444775
1.1423	0.90959156	0.41550354	2.189130687	0.456802331	2.406718339	1.099394547
1.1424	0.90963311	0.41541258	2.189710043	0.456681469	2.407245329	1.099344334
1.1425	0.90967464	0.41532162	2.190289653	0.456560619	2.407772573	1.099294137
1.1426	0.90971617	0.41523065	2.190869517	0.456439780	2.408300073	1.099243955
1.1427	0.90975769	0.41513967	2.191449635	0.456318952	2.408827828	1.099193789
1.1428	0.90979920	0.41504870	2.192030008	0.456198134	2.409355838	1.099143638
1.1429	0.90984070	0.41495771	2.192610634	0.456077328	2.409884104	1.099093503
1.1430	0.90988219	0.41486673	2.193191516	0.455956533	2.410412626	1.099043384
1.1431	0.90992367	0.41477574	2.193772652	0.455835749	2.410941403	1.098993280
1.1432	0.90996514	0.41468474	2.194354044	0.455714976	2.411470437	1.098943192
1.1433	0.91000661	0.41459375	2.194935690	0.455594214	2.411999727	1.098893119
1.1434	0.91004806	0.41450274	2.195517592	0.455473463	2.412529274	1.098843062
1.1435	0.91008951	0.41441174	2.196099750	0.455352723	2.413059077	1.098793021
1.1436	0.91013095	0.41432072	2.196682163	0.455231993	2.413589138	1.098742994
1.1437	0.91017237	0.41422971	2.197264832	0.455111275	2.414119455	1.098692984
1.1438	0.91021379	0.41413869	2.197847758	0.454990568	2.414650030	1.098642989
1.1439	0.91025520	0.41404767	2.198430939	0.454869872	2.415180862	1.098593009
1.1440	0.91029660	0.41395664	2.199014377	0.454749187	2.415711951	1.098543046
1.1441	0.91033799	0.41386561	2.199598072	0.454628513	2.416243299	1.098493097
1.1442	0.91037937	0.41377457	2.200182024	0.454507849	2.416774904	1.098443164
1.1443	0.91042075	0.41368353	2.200766232	0.454387197	2.417306768	1.098393247
1.1444	0.91046211	0.41359249	2.201350698	0.454266556	2.417838890	1.098343345
1.1445	0.91050347	0.41350144	2.201935422	0.454145926	2.418371270	1.098293459
1.1446	0.91054481	0.41341039	2.202520402	0.454025306	2.418903909	1.098243588
1.1447	0.91058615	0.41331933	2.203105641	0.453904698	2.419436807	1.098193733
1.1448	0.91062747	0.41322827	2.203691137	0.453784100	2.419969964	1.098143893
1.1449	0.91066879	0.41313720	2.204276892	0.453663514	2.420503381	1.098094069

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
1.1450	0.91071010	0.41304614	2.204862905	0.453542938	2.421037056	1.098044260
1.1451	0.91075140	0.41295506	2.205449176	0.453422374	2.421570992	1.097994467
1.1452	0.91079269	0.41286399	2.206035706	0.453301820	2.422105187	1.097944689
1.1453	0.91083397	0.41277290	2.206622495	0.453181277	2.422639642	1.097894927
1.1454	0.91087525	0.41268182	2.207209543	0.453060745	2.423174357	1.097845180
1.1455	0.91091651	0.41259073	2.207796850	0.452940224	2.423709333	1.097795448
1.1456	0.91095777	0.41249964	2.208384416	0.452819714	2.424244569	1.097745733
1.1457	0.91099901	0.41240854	2.208972242	0.452699215	2.424780065	1.097696032
1.1458	0.91104025	0.41231744	2.209560328	0.452578727	2.425315823	1.097646347
1.1459	0.91108147	0.41222633	2.210148673	0.452458250	2.425851842	1.097596678
1.1460	0.91112269	0.41213522	2.210737279	0.452337783	2.426388122	1.097547024
1.1461	0.91116390	0.41204410	2.211326145	0.452217328	2.426924663	1.097497386
1.1462	0.91120510	0.41195299	2.211915272	0.452096883	2.427461466	1.097447763
1.1463	0.91124629	0.41186186	2.212504659	0.451976449	2.427998531	1.097398155
1.1464	0.91128747	0.41177074	2.213094307	0.451856026	2.428535858	1.097348563
1.1465	0.91132865	0.41167961	2.213684217	0.451735615	2.429073447	1.097298986
1.1466	0.91136981	0.41158847	2.214274387	0.451615213	2.429611298	1.097249425
1.1467	0.91141096	0.41149733	2.214864819	0.451494823	2.430149412	1.097199879
1.1468	0.91145211	0.41140619	2.215455512	0.451374444	2.430687789	1.097150349
1.1469	0.91149325	0.41131504	2.216046468	0.451254076	2.431226428	1.097100834
1.1470	0.91153437	0.41122389	2.216637685	0.451133718	2.431765331	1.097051335
1.1471	0.91157549	0.41113273	2.217229164	0.451013371	2.432304497	1.097001851
1.1472	0.91161660	0.41104158	2.217820906	0.450893035	2.432843926	1.096952382
1.1473	0.91165770	0.41095041	2.218412910	0.450772710	2.433383620	1.096902929
1.1474	0.91169879	0.41085924	2.219005177	0.450652396	2.433923576	1.096853492
1.1475	0.91173987	0.41076807	2.219597707	0.450532093	2.434463797	1.096804069
1.1476	0.91178094	0.41067690	2.220190500	0.450411800	2.435004283	1.096754663
1.1477	0.91182201	0.41058572	2.220783556	0.450291519	2.435545032	1.096705271
1.1478	0.91186306	0.41049453	2.221376876	0.450171248	2.436086046	1.096655895
1.1479	0.91190410	0.41040334	2.221970459	0.450050988	2.436627325	1.096606535
1.1480	0.91194514	0.41031215	2.222564307	0.449930739	2.437168869	1.096557189
1.1481	0.91198617	0.41022095	2.223158418	0.449810500	2.437710678	1.096507860
1.1482	0.91202718	0.41012975	2.223752793	0.449690273	2.438252753	1.096458545
1.1483	0.91206819	0.41003855	2.224347433	0.449570056	2.438795093	1.096409246
1.1484	0.91210919	0.40994734	2.224942338	0.449449850	2.439337698	1.096359963
1.1485	0.91215018	0.40985613	2.225537507	0.449329655	2.439880570	1.096310694
1.1486	0.91219116	0.40976491	2.226132941	0.449209471	2.440423707	1.096261442
1.1487	0.91223214	0.40967369	2.226728641	0.449089297	2.440967111	1.096212204
1.1488	0.91227310	0.40958246	2.227324605	0.448969134	2.441510782	1.096162982
1.1489	0.91231405	0.40949123	2.227920836	0.448848982	2.442054719	1.096113776
1.1490	0.91235500	0.40940000	2.228517332	0.448728841	2.442598923	1.096064584
1.1491	0.91239593	0.40930876	2.229114094	0.448608711	2.443143394	1.096015408
1.1492	0.91243686	0.40921752	2.229711122	0.448488591	2.443688132	1.095966248
1.1493	0.91247778	0.40912628	2.230308416	0.448368483	2.444233137	1.095917103
1.1494	0.91251868	0.40903503	2.230905977	0.448248384	2.444778411	1.095867973
1.1495	0.91255958	0.40894377	2.231503804	0.448128297	2.445323952	1.095818859
1.1496	0.91260047	0.40885251	2.232101899	0.448008221	2.445869761	1.095769759
1.1497	0.91264135	0.40876125	2.232700260	0.447888155	2.446415838	1.095720676
1.1498	0.91268222	0.40866999	2.233298889	0.447768100	2.446962183	1.095671607
1.1499	0.91272309	0.40857872	2.233897785	0.447648056	2.447508797	1.095622554

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
1.1500	0.91276394	0.40848744	2.234496949	0.447528022	2.448055680	1.095573517
1.1501	0.91280478	0.40839616	2.235096380	0.447407999	2.448602832	1.095524494
1.1502	0.91284562	0.40830488	2.235696080	0.447287987	2.449150253	1.095475487
1.1503	0.91288645	0.40821359	2.236296048	0.447167986	2.449697943	1.095426496
1.1504	0.91292726	0.40812230	2.236896284	0.447047996	2.450245903	1.095377520
1.1505	0.91296807	0.40803101	2.237496789	0.446928016	2.450794133	1.095328559
1.1506	0.91300887	0.40793971	2.238097562	0.446808047	2.451342632	1.095279613
1.1507	0.91304966	0.40784841	2.238698605	0.446688088	2.451891401	1.095230683
1.1508	0.91309044	0.40775710	2.239299917	0.446568141	2.452440441	1.095181768
1.1509	0.91313121	0.40766579	2.239901498	0.446448204	2.452989751	1.095132868
1.1510	0.91317197	0.40757447	2.240503349	0.446328277	2.453539332	1.095083984
1.1511	0.91321272	0.40748315	2.241105469	0.446208362	2.454089184	1.095035115
1.1512	0.91325347	0.40739183	2.241707859	0.446088457	2.454639307	1.094986261
1.1513	0.91329420	0.40730050	2.242310520	0.445968563	2.455189701	1.094937422
1.1514	0.91333493	0.40720917	2.242913451	0.445848679	2.455740367	1.094888599
1.1515	0.91337564	0.40711784	2.243516652	0.445728807	2.456291304	1.094839791
1.1516	0.91341635	0.40702650	2.244120124	0.445608945	2.456842513	1.094790999
1.1517	0.91345705	0.40693515	2.244723867	0.445489093	2.457393994	1.094742222
1.1518	0.91349774	0.40684380	2.245327881	0.445369252	2.457945747	1.094693460
1.1519	0.91353842	0.40675245	2.245932167	0.445249422	2.458497773	1.094644713
1.1520	0.91357909	0.40666110	2.246536724	0.445129603	2.459050071	1.094595982
1.1521	0.91361975	0.40656974	2.247141552	0.445009794	2.459602642	1.094547266
1.1522	0.91366040	0.40647837	2.247746653	0.444889996	2.460155486	1.094498565
1.1523	0.91370105	0.40638701	2.248352025	0.444770209	2.460708603	1.094449879
1.1524	0.91374168	0.40629563	2.248957670	0.444650432	2.461261994	1.094401209
1.1525	0.91378231	0.40620426	2.249563588	0.444530666	2.461815658	1.094352554
1.1526	0.91382292	0.40611288	2.250169778	0.444410911	2.462369596	1.094303915
1.1527	0.91386353	0.40602149	2.250776240	0.444291166	2.462923808	1.094255290
1.1528	0.91390413	0.40593010	2.251382976	0.444171432	2.463478294	1.094206681
1.1529	0.91394471	0.40583871	2.251989986	0.444051708	2.464033055	1.094158087
1.1530	0.91398529	0.40574731	2.252597268	0.443931995	2.464588090	1.094109508
1.1531	0.91402586	0.40565591	2.253204825	0.443812293	2.465143400	1.094060945
1.1532	0.91406642	0.40556451	2.253812655	0.443692601	2.465698985	1.094012397
1.1533	0.91410698	0.40547310	2.254420759	0.443572920	2.466254845	1.093963864
1.1534	0.91414752	0.40538169	2.255029137	0.443453250	2.466810980	1.093915346
1.1535	0.91418805	0.40529027	2.255637790	0.443333590	2.467367391	1.093866844
1.1536	0.91422858	0.40519885	2.256246718	0.443213941	2.467924077	1.093818357
1.1537	0.91426909	0.40510743	2.256855920	0.443094303	2.468481040	1.093769885
1.1538	0.91430960	0.40501600	2.257465398	0.442974675	2.469038279	1.093721428
1.1539	0.91435010	0.40492456	2.258075150	0.442855057	2.469595794	1.093672987
1.1540	0.91439058	0.40483313	2.258685178	0.442735451	2.470153585	1.093624560
1.1541	0.91443106	0.40474169	2.259295482	0.442615854	2.470711654	1.093576149
1.1542	0.91447153	0.40465024	2.259906062	0.442496269	2.471269999	1.093527754
1.1543	0.91451199	0.40455879	2.260516917	0.442376694	2.471828621	1.093479373
1.1544	0.91455244	0.40446734	2.261128049	0.442257129	2.472387521	1.093431008
1.1545	0.91459289	0.40437588	2.261739457	0.442137575	2.472946698	1.093382657
1.1546	0.91463332	0.40428442	2.262351142	0.442018032	2.473506153	1.093334323
1.1547	0.91467374	0.40419295	2.262963104	0.441898499	2.474065886	1.093286003
1.1548	0.91471416	0.40410149	2.263575343	0.441778977	2.474625897	1.093237698
1.1549	0.91475456	0.40401001	2.264187859	0.441659466	2.475186187	1.093189409

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
1.1550	0.91479496	0.40391853	2.264800652	0.441539965	2.475746755	1.093141135
1.1551	0.91483535	0.40382705	2.265413723	0.441420474	2.476307601	1.093092876
1.1552	0.91487572	0.40373557	2.266027072	0.441300994	2.476868727	1.093044632
1.1553	0.91491609	0.40364408	2.266640699	0.441181525	2.477430132	1.092996403
1.1554	0.91495645	0.40355258	2.267254604	0.441062066	2.477991816	1.092948190
1.1555	0.91499680	0.40346109	2.267868788	0.440942618	2.478553780	1.092899992
1.1556	0.91503715	0.40336958	2.268483250	0.440823180	2.479116023	1.092851809
1.1557	0.91507748	0.40327808	2.269097991	0.440703753	2.479678546	1.092803641
1.1558	0.91511780	0.40318657	2.269713011	0.440584336	2.480241350	1.092755488
1.1559	0.91515812	0.40309506	2.270328310	0.440464930	2.480804433	1.092707351
1.1560	0.91519842	0.40300354	2.270943889	0.440345534	2.481367798	1.092659228
1.1561	0.91523872	0.40291202	2.271559748	0.440226149	2.481931443	1.092611121
1.1562	0.91527900	0.40282049	2.272175886	0.440106774	2.482495369	1.092563029
1.1563	0.91531928	0.40272896	2.272792304	0.439987410	2.483059576	1.092514952
1.1564	0.91535955	0.40263743	2.273409003	0.439868057	2.483624065	1.092466891
1.1565	0.91539981	0.40254589	2.274025982	0.439748713	2.484188835	1.092418844
1.1566	0.91544006	0.40245435	2.274643242	0.439629381	2.484753887	1.092370813
1.1567	0.91548030	0.40236280	2.275260783	0.439510059	2.485319221	1.092322796
1.1568	0.91552053	0.40227125	2.275878604	0.439390747	2.485884837	1.092274795
1.1569	0.91556075	0.40217970	2.276496707	0.439271446	2.486450735	1.092226809
1.1570	0.91560097	0.40208814	2.277115092	0.439152155	2.487016916	1.092178839
1.1571	0.91564117	0.40199658	2.277733758	0.439032875	2.487583380	1.092130883
1.1572	0.91568137	0.40190501	2.278352706	0.438913605	2.488150127	1.092082942
1.1573	0.91572155	0.40181344	2.278971936	0.438794346	2.488717157	1.092035017
1.1574	0.91576173	0.40172187	2.279591449	0.438675097	2.489284470	1.091987106
1.1575	0.91580190	0.40163029	2.280211244	0.438555859	2.489852067	1.091939211
1.1576	0.91584205	0.40153870	2.280831322	0.438436631	2.490419948	1.091891331
1.1577	0.91588220	0.40144712	2.281451682	0.438317413	2.490988113	1.091843466
1.1578	0.91592234	0.40135553	2.282072326	0.438198206	2.491556562	1.091795616
1.1579	0.91596247	0.40126393	2.282693253	0.438079010	2.492125295	1.091747782
1.1580	0.91600260	0.40117234	2.283314464	0.437959824	2.492694314	1.091699962
1.1581	0.91604271	0.40108073	2.283935958	0.437840648	2.493263616	1.091652158
1.1582	0.91608281	0.40098913	2.284557737	0.437721483	2.493833204	1.091604368
1.1583	0.91612291	0.40089752	2.285179799	0.437602328	2.494403078	1.091556594
1.1584	0.91616299	0.40080590	2.285802146	0.437483184	2.494973236	1.091508835
1.1585	0.91620307	0.40071428	2.286424777	0.437364050	2.495543681	1.091461090
1.1586	0.91624314	0.40062266	2.287047694	0.437244926	2.496114411	1.091413361
1.1587	0.91628319	0.40053104	2.287670895	0.437125813	2.496685427	1.091365647
1.1588	0.91632324	0.40043941	2.288294381	0.437006710	2.497256730	1.091317949
1.1589	0.91636328	0.40034777	2.288918153	0.436887618	2.497828319	1.091270265
1.1590	0.91640331	0.40025613	2.289542211	0.436768536	2.498400195	1.091222596
1.1591	0.91644333	0.40016449	2.290166554	0.436649465	2.498972358	1.091174942
1.1592	0.91648334	0.40007284	2.290791183	0.436530404	2.499544808	1.091127304
1.1593	0.91652335	0.39998119	2.291416099	0.436411353	2.500117545	1.091079680
1.1594	0.91656334	0.39988954	2.292041301	0.436292313	2.500690570	1.091032072
1.1595	0.91660332	0.39979788	2.292666790	0.436173283	2.501263882	1.090984479
1.1596	0.91664330	0.39970622	2.293292565	0.436054263	2.501837483	1.090936900
1.1597	0.91668327	0.39961455	2.293918628	0.435935254	2.502411371	1.090889337
1.1598	0.91672322	0.39952288	2.294544978	0.435816255	2.502985548	1.090841789
1.1599	0.91676317	0.39943121	2.295171615	0.435697267	2.503560014	1.090794256

x	sin(x)	cos(x)	tan(x)	cot(x)	sec(x)	csc(x)
1.1600	0.91680311	0.39933953	2.295798540	0.435578289	2.504134768	1.090746738
1.1601	0.91684304	0.39924785	2.296425754	0.435459321	2.504709812	1.090699235
1.1602	0.91688296	0.39915616	2.297053255	0.435340364	2.505285145	1.090651747
1.1603	0.91692287	0.39906447	2.297681044	0.435221417	2.505860767	1.090604274
1.1604	0.91696277	0.39897278	2.298309123	0.435102480	2.506436678	1.090556816
1.1605	0.91700266	0.39888108	2.298937489	0.434983554	2.507012880	1.090509373
1.1606	0.91704255	0.39878938	2.299566145	0.434864638	2.507589372	1.090461945
1.1607	0.91708242	0.39869767	2.300195090	0.434745733	2.508166154	1.090414532
1.1608	0.91712229	0.39860596	2.300824325	0.434626838	2.508743226	1.090367134
1.1609	0.91716214	0.39851424	2.301453849	0.434507953	2.509320589	1.090319752
1.1610	0.91720199	0.39842253	2.302083663	0.434389078	2.509898243	1.090272384
1.1611	0.91724183	0.39833080	2.302713767	0.434270214	2.510476188	1.090225031
1.1612	0.91728166	0.39823908	2.303344161	0.434151360	2.511054425	1.090177693
1.1613	0.91732148	0.39814735	2.303974846	0.434032516	2.511632953	1.090130371
1.1614	0.91736129	0.39805561	2.304605821	0.433913683	2.512211773	1.090083063
1.1615	0.91740109	0.39796388	2.305237087	0.433794860	2.512790885	1.090035770
1.1616	0.91744088	0.39787213	2.305868645	0.433676048	2.513370289	1.089988493
1.1617	0.91748066	0.39778039	2.306500494	0.433557245	2.513949985	1.089941230
1.1618	0.91752043	0.39768864	2.307132634	0.433438453	2.514529974	1.089893982
1.1619	0.91756020	0.39759688	2.307765066	0.433319671	2.515110256	1.089846750
1.1620	0.91759995	0.39750513	2.308397790	0.433200900	2.515690831	1.089799532
1.1621	0.91763970	0.39741336	2.309030806	0.433082139	2.516271699	1.089752329
1.1622	0.91767944	0.39732160	2.309664115	0.432963388	2.516852861	1.089705141
1.1623	0.91771916	0.39722983	2.310297716	0.432844647	2.517434316	1.089657969
1.1624	0.91775888	0.39713805	2.310931610	0.432725917	2.518016065	1.089610811
1.1625	0.91779859	0.39704628	2.311565797	0.432607197	2.518598109	1.089563668
1.1626	0.91783829	0.39695449	2.312200277	0.432488487	2.519180446	1.089516540
1.1627	0.91787798	0.39686271	2.312835051	0.432369788	2.519763079	1.089469427
1.1628	0.91791766	0.39677092	2.313470118	0.432251098	2.520346006	1.089422330
1.1629	0.91795734	0.39667912	2.314105480	0.432132420	2.520929228	1.089375247
1.1630	0.91799700	0.39658733	2.314741135	0.432013751	2.521512745	1.089328179
1.1631	0.91803665	0.39649553	2.315377085	0.431895092	2.522096558	1.089281126
1.1632	0.91807630	0.39640372	2.316013330	0.431776444	2.522680666	1.089234088
1.1633	0.91811593	0.39631191	2.316649869	0.431657806	2.523265070	1.089187065
1.1634	0.91815556	0.39622010	2.317286703	0.431539178	2.523849770	1.089140056
1.1635	0.91819518	0.39612828	2.317923832	0.431420561	2.524434767	1.089093063
1.1636	0.91823479	0.39603646	2.318561257	0.431301954	2.525020060	1.089046085
1.1637	0.91827439	0.39594463	2.319198978	0.431183357	2.525605650	1.088999122
1.1638	0.91831398	0.39585280	2.319836994	0.431064770	2.526191536	1.088952173
1.1639	0.91835356	0.39576097	2.320475307	0.430946193	2.526777720	1.088905240
1.1640	0.91839313	0.39566913	2.321113915	0.430827627	2.527364202	1.088858321
1.1641	0.91843269	0.39557729	2.321752821	0.430709071	2.527950980	1.088811418
1.1642	0.91847224	0.39548545	2.322392023	0.430590525	2.528538057	1.088764529
1.1643	0.91851179	0.39539360	2.323031522	0.430471989	2.529125432	1.088717656
1.1644	0.91855132	0.39530174	2.323671318	0.430353464	2.529713105	1.088670797
1.1645	0.91859085	0.39520989	2.324311411	0.430234948	2.530301076	1.088623953
1.1646	0.91863036	0.39511802	2.324951803	0.430116443	2.530889346	1.088577124
1.1647	0.91866987	0.39502616	2.325592492	0.429997948	2.531477916	1.088530310
1.1648	0.91870937	0.39493429	2.326233479	0.429879464	2.532066784	1.088483511
1.1649	0.91874886	0.39484242	2.326874764	0.429760989	2.532655951	1.088436727

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
1.1650	0.91878834	0.39475054	2.327516348	0.429642525	2.533245418	1.088389957
1.1651	0.91882781	0.39465866	2.328158231	0.429524071	2.533835185	1.088343203
1.1652	0.91886727	0.39456678	2.328800412	0.429405627	2.534425252	1.088296463
1.1653	0.91890672	0.39447489	2.329442893	0.429287193	2.535015620	1.088249739
1.1654	0.91894616	0.39438299	2.330085673	0.429168769	2.535606287	1.088203029
1.1655	0.91898560	0.39429110	2.330728753	0.429050356	2.536197256	1.088156334
1.1656	0.91902502	0.39419920	2.331372132	0.428931952	2.536788525	1.088109654
1.1657	0.91906444	0.39410729	2.332015812	0.428813559	2.537380095	1.088062989
1.1658	0.91910384	0.39401538	2.332659792	0.428695176	2.537971967	1.088016339
1.1659	0.91914324	0.39392347	2.333304073	0.428576803	2.538564140	1.087969704
1.1660	0.91918263	0.39383156	2.333948654	0.428458440	2.539156616	1.087923083
1.1661	0.91922201	0.39373964	2.334593536	0.428340088	2.539749393	1.087876478
1.1662	0.91926138	0.39364771	2.335238719	0.428221745	2.540342472	1.087829887
1.1663	0.91930074	0.39355578	2.335884204	0.428103413	2.540935854	1.087783311
1.1664	0.91934009	0.39346385	2.336529990	0.427985091	2.541529539	1.087736750
1.1665	0.91937943	0.39337192	2.337176079	0.427866779	2.542123526	1.087690204
1.1666	0.91941876	0.39327998	2.337822469	0.427748477	2.542717817	1.087643673
1.1667	0.91945809	0.39318803	2.338469161	0.427630185	2.543312411	1.087597157
1.1668	0.91949740	0.39309608	2.339116156	0.427511903	2.543907308	1.087550655
1.1669	0.91953671	0.39300413	2.339763454	0.427393632	2.544502510	1.087504168
1.1670	0.91957600	0.39291218	2.340411055	0.427275370	2.545098015	1.087457697
1.1671	0.91961529	0.39282022	2.341058959	0.427157119	2.545693825	1.087411240
1.1672	0.91965457	0.39272825	2.341707167	0.427038878	2.546289939	1.087364798
1.1673	0.91969383	0.39263629	2.342355678	0.426920646	2.546886358	1.087318370
1.1674	0.91973309	0.39254431	2.343004493	0.426802425	2.547483082	1.087271958
1.1675	0.91977234	0.39245234	2.343653612	0.426684214	2.548080111	1.087225560
1.1676	0.91981158	0.39236036	2.344303035	0.426566013	2.548677445	1.087179177
1.1677	0.91985081	0.39226838	2.344952763	0.426447823	2.549275086	1.087132809
1.1678	0.91989004	0.39217639	2.345602796	0.426329642	2.549873032	1.087086456
1.1679	0.91992925	0.39208440	2.346253134	0.426211471	2.550471284	1.087040118
1.1680	0.91996845	0.39199240	2.346903777	0.426093311	2.551069842	1.086993795
1.1681	0.92000765	0.39190041	2.347554725	0.425975160	2.551668707	1.086947486
1.1682	0.92004683	0.39180840	2.348205980	0.425857020	2.552267878	1.086901192
1.1683	0.92008601	0.39171640	2.348857540	0.425738889	2.552867357	1.086854913
1.1684	0.92012518	0.39162439	2.349509406	0.425620769	2.553467143	1.086808649
1.1685	0.92016433	0.39153237	2.350161579	0.425502659	2.554067236	1.086762399
1.1686	0.92020348	0.39144035	2.350814058	0.425384558	2.554667637	1.086716165
1.1687	0.92024262	0.39134833	2.351466844	0.425266468	2.555268346	1.086669945
1.1688	0.92028175	0.39125630	2.352119937	0.425148388	2.555869363	1.086623740
1.1689	0.92032087	0.39116427	2.352773338	0.425030318	2.556470688	1.086577550
1.1690	0.92035999	0.39107224	2.353427046	0.424912258	2.557072322	1.086531374
1.1691	0.92039909	0.39098020	2.354081062	0.424794208	2.557674265	1.086485213
1.1692	0.92043818	0.39088816	2.354735385	0.424676168	2.558276517	1.086439068
1.1693	0.92047727	0.39079611	2.355390017	0.424558138	2.558879078	1.086392937
1.1694	0.92051634	0.39070406	2.356044958	0.424440118	2.559481948	1.086346820
1.1695	0.92055541	0.39061201	2.356700207	0.424322108	2.560085129	1.086300719
1.1696	0.92059446	0.39051995	2.357355765	0.424204108	2.560688619	1.086254632
1.1697	0.92063351	0.39042789	2.358011632	0.424086118	2.561292420	1.086208560
1.1698	0.92067255	0.39033583	2.358667809	0.423968138	2.561896531	1.086162503
1.1699	0.92071158	0.39024376	2.359324295	0.423850168	2.562500952	1.086116460

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
1.1700	0.92075060	0.39015168	2.359981091	0.423732209	2.563105685	1.086070433
1.1701	0.92078961	0.39005961	2.360638198	0.423614259	2.563710729	1.086024420
1.1702	0.92082861	0.38996753	2.361295614	0.423496319	2.564316084	1.085978422
1.1703	0.92086760	0.38987544	2.361953341	0.423378389	2.564921750	1.085932438
1.1704	0.92090658	0.38978335	2.362611379	0.423260469	2.565527729	1.085886469
1.1705	0.92094556	0.38969126	2.363269728	0.423142559	2.566134019	1.085840516
1.1706	0.92098452	0.38959916	2.363928388	0.423024659	2.566740622	1.085794576
1.1707	0.92102348	0.38950706	2.364587359	0.422906769	2.567347538	1.085748652
1.1708	0.92106242	0.38941496	2.365246642	0.422788889	2.567954766	1.085702742
1.1709	0.92110136	0.38932285	2.365906238	0.422671019	2.568562307	1.085656847
1.1710	0.92114029	0.38923074	2.366566145	0.422553159	2.569170161	1.085610967
1.1711	0.92117921	0.38913862	2.367226365	0.422435309	2.569778329	1.085565102
1.1712	0.92121812	0.38904650	2.367886897	0.422317468	2.570386811	1.085519251
1.1713	0.92125702	0.38895438	2.368547742	0.422199638	2.570995606	1.085473415
1.1714	0.92129591	0.38886225	2.369208901	0.422081818	2.571604716	1.085427594
1.1715	0.92133479	0.38877012	2.369870373	0.421964008	2.572214140	1.085381787
1.1716	0.92137366	0.38867798	2.370532158	0.421846207	2.572823879	1.085335995
1.1717	0.92141252	0.38858585	2.371194257	0.421728417	2.573433933	1.085290218
1.1718	0.92145138	0.38849370	2.371856671	0.421610636	2.574044301	1.085244456
1.1719	0.92149022	0.38840156	2.372519398	0.421492866	2.574654986	1.085198708
1.1720	0.92152906	0.38830940	2.373182440	0.421375105	2.575265985	1.085152975
1.1721	0.92156789	0.38821725	2.373845797	0.421257354	2.575877301	1.085107257
1.1722	0.92160670	0.38812509	2.374509469	0.421139613	2.576488933	1.085061553
1.1723	0.92164551	0.38803293	2.375173456	0.421021883	2.577100880	1.085015864
1.1724	0.92168431	0.38794076	2.375837759	0.420904162	2.577713145	1.084970190
1.1725	0.92172310	0.38784859	2.376502377	0.420786450	2.578325726	1.084924531
1.1726	0.92176188	0.38775642	2.377167312	0.420668749	2.578938624	1.084878886
1.1727	0.92180065	0.38766424	2.377832562	0.420551058	2.579551840	1.084833256
1.1728	0.92183941	0.38757206	2.378498129	0.420433377	2.580165373	1.084787640
1.1729	0.92187816	0.38747987	2.379164013	0.420315705	2.580779224	1.084742039
1.1730	0.92191691	0.38738768	2.379830214	0.420198044	2.581393392	1.084696453
1.1731	0.92195564	0.38729549	2.380496732	0.420080392	2.582007879	1.084650882
1.1732	0.92199437	0.38720329	2.381163567	0.419962750	2.582622685	1.084605325
1.1733	0.92203308	0.38711109	2.381830720	0.419845118	2.583237809	1.084559783
1.1734	0.92207179	0.38701888	2.382498190	0.419727496	2.583853252	1.084514256
1.1735	0.92211049	0.38692667	2.383165979	0.419609884	2.584469014	1.084468743
1.1736	0.92214917	0.38683446	2.383834087	0.419492282	2.585085096	1.084423245
1.1737	0.92218785	0.38674224	2.384502512	0.419374689	2.585701497	1.084377762
1.1738	0.92222652	0.38665002	2.385171257	0.419257107	2.586318218	1.084332293
1.1739	0.92226518	0.38655780	2.385840321	0.419139534	2.586935259	1.084286839
1.1740	0.92230383	0.38646557	2.386509704	0.419021971	2.587552621	1.084241399
1.1741	0.92234248	0.38637334	2.387179407	0.418904418	2.588170303	1.084195975
1.1742	0.92238111	0.38628110	2.387849429	0.418786875	2.588788307	1.084150565
1.1743	0.92241973	0.38618886	2.388519772	0.418669342	2.589406631	1.084105169
1.1744	0.92245835	0.38609662	2.389190435	0.418551818	2.590025276	1.084059788
1.1745	0.92249695	0.38600437	2.389861418	0.418434304	2.590644244	1.084014422
1.1746	0.92253555	0.38591212	2.390532722	0.418316801	2.591263533	1.083969070
1.1747	0.92257413	0.38581986	2.391204347	0.418199307	2.591883144	1.083923733
1.1748	0.92261271	0.38572760	2.391876294	0.418081822	2.592503077	1.083878411
1.1749	0.92265128	0.38563534	2.392548562	0.417964348	2.593123333	1.083833104

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
1.1750	0.92268984	0.38554307	2.393221152	0.417846884	2.593743912	1.083787810
1.1751	0.92272839	0.38545080	2.393894063	0.417729429	2.594364814	1.083742532
1.1752	0.92276693	0.38535853	2.394567298	0.417611984	2.594986039	1.083697268
1.1753	0.92280546	0.38526625	2.395240854	0.417494549	2.595607588	1.083652019
1.1754	0.92284398	0.38517397	2.395914733	0.417377124	2.596229460	1.083606784
1.1755	0.92288249	0.38508168	2.396588936	0.417259708	2.596851657	1.083561565
1.1756	0.92292100	0.38498939	2.397263461	0.417142303	2.597474177	1.083516359
1.1757	0.92295949	0.38489710	2.397938310	0.417024907	2.598097023	1.083471168
1.1758	0.92299798	0.38480480	2.398613483	0.416907521	2.598720193	1.083425992
1.1759	0.92303645	0.38471250	2.399288980	0.416790144	2.599343688	1.083380831
1.1760	0.92307492	0.38462019	2.399964800	0.416672778	2.599967508	1.083335684
1.1761	0.92311338	0.38452788	2.400640946	0.416555421	2.600591654	1.083290551
1.1762	0.92315183	0.38443557	2.401317416	0.416438074	2.601216126	1.083245434
1.1763	0.92319026	0.38434325	2.401994211	0.416320737	2.601840923	1.083200330
1.1764	0.92322869	0.38425093	2.402671331	0.416203410	2.602466047	1.083155242
1.1765	0.92326712	0.38415861	2.403348777	0.416086092	2.603091497	1.083110168
1.1766	0.92330553	0.38406628	2.404026548	0.415968784	2.603717274	1.083065108
1.1767	0.92334393	0.38397394	2.404704646	0.415851486	2.604343379	1.083020064
1.1768	0.92338232	0.38388161	2.405383069	0.415734197	2.604969810	1.082975033
1.1769	0.92342070	0.38378927	2.406061819	0.415616919	2.605596569	1.082930018
1.1770	0.92345908	0.38369692	2.406740896	0.415499650	2.606223655	1.082885017
1.1771	0.92349744	0.38360458	2.407420300	0.415382391	2.606851070	1.082840030
1.1772	0.92353580	0.38351222	2.408100031	0.415265141	2.607478813	1.082795058
1.1773	0.92357415	0.38341987	2.408780089	0.415147902	2.608106884	1.082750101
1.1774	0.92361248	0.38332751	2.409460475	0.415030672	2.608735284	1.082705158
1.1775	0.92365081	0.38323515	2.410141189	0.414913452	2.609364013	1.082660229
1.1776	0.92368913	0.38314278	2.410822231	0.414796241	2.609993071	1.082615316
1.1777	0.92372744	0.38305041	2.411503602	0.414679041	2.610622459	1.082570417
1.1778	0.92376574	0.38295803	2.412185301	0.414561850	2.611252176	1.082525532
1.1779	0.92380403	0.38286566	2.412867330	0.414444668	2.611882224	1.082480662
1.1780	0.92384231	0.38277327	2.413549687	0.414327497	2.612512601	1.082435806
1.1781	0.92388059	0.38268089	2.414232374	0.414210335	2.613143310	1.082390965
1.1782	0.92391885	0.38258850	2.414915391	0.414093183	2.613774349	1.082346139
1.1783	0.92395710	0.38249610	2.415598738	0.413976040	2.614405718	1.082301327
1.1784	0.92399535	0.38240371	2.416282414	0.413858907	2.615037420	1.082256529
1.1785	0.92403359	0.38231130	2.416966422	0.413741784	2.615669452	1.082211746
1.1786	0.92407181	0.38221890	2.417650760	0.413624671	2.616301817	1.082166978
1.1787	0.92411003	0.38212649	2.418335429	0.413507567	2.616934513	1.082122224
1.1788	0.92414824	0.38203408	2.419020429	0.413390473	2.617567542	1.082077485
1.1789	0.92418644	0.38194166	2.419705761	0.413273389	2.618200903	1.082032760
1.1790	0.92422463	0.38184924	2.420391424	0.413156314	2.618834597	1.081988050
1.1791	0.92426281	0.38175682	2.421077420	0.413039249	2.619468624	1.081943354
1.1792	0.92430098	0.38166439	2.421763748	0.412922194	2.620102985	1.081898673
1.1793	0.92433914	0.38157196	2.422450408	0.412805148	2.620737678	1.081854006
1.1794	0.92437729	0.38147952	2.423137401	0.412688112	2.621372706	1.081809354
1.1795	0.92441543	0.38138708	2.423824727	0.412571086	2.622008068	1.081764716
1.1796	0.92445357	0.38129464	2.424512386	0.412454069	2.622643764	1.081720093
1.1797	0.92449169	0.38120219	2.425200379	0.412337062	2.623279794	1.081675484
1.1798	0.92452981	0.38110974	2.425888706	0.412220065	2.623916160	1.081630890
1.1799	0.92456792	0.38101728	2.426577366	0.412103077	2.624552860	1.081586310

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
1.1800	0.92460601	0.38092482	2.427266361	0.411986099	2.625189896	1.081541745
1.1801	0.92464410	0.38083236	2.427955691	0.411869131	2.625827267	1.081497194
1.1802	0.92468218	0.38073990	2.428645355	0.411752172	2.626464974	1.081452658
1.1803	0.92472025	0.38064743	2.429335355	0.411635223	2.627103018	1.081408136
1.1804	0.92475831	0.38055495	2.430025689	0.411518283	2.627741397	1.081363629
1.1805	0.92479636	0.38046247	2.430716360	0.411401353	2.628380114	1.081319136
1.1806	0.92483440	0.38036999	2.431407366	0.411284433	2.629019167	1.081274657
1.1807	0.92487243	0.38027751	2.432098708	0.411167522	2.629658557	1.081230194
1.1808	0.92491046	0.38018502	2.432790387	0.411050621	2.630298285	1.081185744
1.1809	0.92494847	0.38009252	2.433482402	0.410933730	2.630938350	1.081141309
1.1810	0.92498647	0.38000003	2.434174754	0.410816848	2.631578753	1.081096889
1.1811	0.92502447	0.37990753	2.434867443	0.410699976	2.632219495	1.081052483
1.1812	0.92506246	0.37981502	2.435560470	0.410583113	2.632860574	1.081008091
1.1813	0.92510043	0.37972252	2.436253835	0.410466260	2.633501993	1.080963714
1.1814	0.92513840	0.37963000	2.436947537	0.410349417	2.634143750	1.080919351
1.1815	0.92517636	0.37953749	2.437641577	0.410232583	2.634785847	1.080875003
1.1816	0.92521431	0.37944497	2.438335956	0.410115758	2.635428283	1.080830669
1.1817	0.92525225	0.37935244	2.439030674	0.409998944	2.636071059	1.080786350
1.1818	0.92529018	0.37925992	2.439725730	0.409882139	2.636714175	1.080742045
1.1819	0.92532810	0.37916739	2.440421126	0.409765343	2.637357631	1.080697754
1.1820	0.92536601	0.37907485	2.441116862	0.409648557	2.638001428	1.080653478
1.1821	0.92540392	0.37898231	2.441812937	0.409531781	2.638645565	1.080609217
1.1822	0.92544181	0.37888977	2.442509352	0.409415014	2.639290043	1.080564970
1.1823	0.92547969	0.37879722	2.443206107	0.409298257	2.639934863	1.080520737
1.1824	0.92551757	0.37870468	2.443903203	0.409181509	2.640580024	1.080476519
1.1825	0.92555543	0.37861212	2.444600640	0.409064771	2.641225528	1.080432315
1.1826	0.92559329	0.37851956	2.445298418	0.408948042	2.641871373	1.080388125
1.1827	0.92563114	0.37842700	2.445996537	0.408831323	2.642517561	1.080343950
1.1828	0.92566898	0.37833444	2.446694997	0.408714613	2.643164091	1.080299790
1.1829	0.92570680	0.37824187	2.447393800	0.408597913	2.643810964	1.080255643
1.1830	0.92574462	0.37814930	2.448092945	0.408481223	2.644458180	1.080211511
1.1831	0.92578243	0.37805672	2.448792432	0.408364542	2.645105740	1.080167394
1.1832	0.92582024	0.37796414	2.449492262	0.408247871	2.645753643	1.080123291
1.1833	0.92585803	0.37787156	2.450192435	0.408131209	2.646401891	1.080079202
1.1834	0.92589581	0.37777897	2.450892950	0.408014556	2.647050482	1.080035128
1.1835	0.92593358	0.37768638	2.451593810	0.407897914	2.647699418	1.079991068
1.1836	0.92597135	0.37759378	2.452295013	0.407781280	2.648348699	1.079947023
1.1837	0.92600910	0.37750118	2.452996560	0.407664656	2.648998325	1.079902992
1.1838	0.92604685	0.37740858	2.453698452	0.407548042	2.649648296	1.079858975
1.1839	0.92608458	0.37731597	2.454400687	0.407431437	2.650298612	1.079814973
1.1840	0.92612231	0.37722336	2.455103268	0.407314842	2.650949275	1.079770985
1.1841	0.92616003	0.37713075	2.455806194	0.407198256	2.651600283	1.079727012
1.1842	0.92619774	0.37703813	2.456509465	0.407081680	2.652251638	1.079683053
1.1843	0.92623544	0.37694551	2.457213082	0.406965113	2.652903340	1.079639108
1.1844	0.92627313	0.37685288	2.457917044	0.406848556	2.653555388	1.079595178
1.1845	0.92631081	0.37676025	2.458621353	0.406732008	2.654207784	1.079551262
1.1846	0.92634848	0.37666762	2.459326008	0.406615470	2.654860526	1.079507360
1.1847	0.92638614	0.37657498	2.460031010	0.406498941	2.655513617	1.079463473
1.1848	0.92642379	0.37648234	2.460736359	0.406382421	2.656167056	1.079419600
1.1849	0.92646144	0.37638970	2.461442055	0.406265911	2.656820843	1.079375741

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
1.1850	0.92649907	0.37629705	2.462148098	0.406149411	2.657474978	1.079331897
1.1851	0.92653670	0.37620440	2.462854490	0.406032920	2.658129462	1.079288067
1.1852	0.92657431	0.37611174	2.463561229	0.405916438	2.658784295	1.079244252
1.1853	0.92661192	0.37601909	2.464268316	0.405799966	2.659439478	1.079200451
1.1854	0.92664952	0.37592642	2.464975753	0.405683504	2.660095010	1.079156664
1.1855	0.92668710	0.37583376	2.465683538	0.405567051	2.660750892	1.079112891
1.1856	0.92672468	0.37574108	2.466391672	0.405450607	2.661407124	1.079069133
1.1857	0.92676225	0.37564841	2.467100155	0.405334173	2.662063706	1.079025390
1.1858	0.92679981	0.37555573	2.467808989	0.405217748	2.662720639	1.078981660
1.1859	0.92683736	0.37546305	2.468518172	0.405101332	2.663377924	1.078937945
1.1860	0.92687490	0.37537036	2.469227705	0.404984926	2.664035559	1.078894244
1.1861	0.92691244	0.37527768	2.469937589	0.404868530	2.664693546	1.078850558
1.1862	0.92694996	0.37518498	2.470647823	0.404752143	2.665351884	1.078806886
1.1863	0.92698747	0.37509229	2.471358409	0.404635765	2.666010575	1.078763228
1.1864	0.92702498	0.37499958	2.472069346	0.404519397	2.666669618	1.078719585
1.1865	0.92706247	0.37490688	2.472780635	0.404403038	2.667329014	1.078675955
1.1866	0.92709996	0.37481417	2.473492275	0.404286688	2.667988762	1.078632341
1.1867	0.92713744	0.37472146	2.474204267	0.404170348	2.668648864	1.078588740
1.1868	0.92717490	0.37462874	2.474916612	0.404054017	2.669309319	1.078545154
1.1869	0.92721236	0.37453603	2.475629310	0.403937696	2.669970127	1.078501582
1.1870	0.92724981	0.37444330	2.476342361	0.403821384	2.670631290	1.078458024
1.1871	0.92728725	0.37435058	2.477055764	0.403705082	2.671292807	1.078414481
1.1872	0.92732468	0.37425785	2.477769522	0.403588789	2.671954678	1.078370952
1.1873	0.92736210	0.37416511	2.478483633	0.403472505	2.672616904	1.078327437
1.1874	0.92739951	0.37407237	2.479198098	0.403356231	2.673279486	1.078283937
1.1875	0.92743692	0.37397963	2.479912918	0.403239966	2.673942422	1.078240451
1.1876	0.92747431	0.37388689	2.480628092	0.403123710	2.674605715	1.078196979
1.1877	0.92751169	0.37379414	2.481343621	0.403007464	2.675269363	1.078153522
1.1878	0.92754907	0.37370138	2.482059505	0.402891227	2.675933367	1.078110078
1.1879	0.92758644	0.37360863	2.482775745	0.402775000	2.676597728	1.078066649
1.1880	0.92762379	0.37351587	2.483492340	0.402658782	2.677262446	1.078023235
1.1881	0.92766114	0.37342310	2.484209292	0.402542573	2.677927520	1.077979834
1.1882	0.92769848	0.37333033	2.484926599	0.402426374	2.678592952	1.077936448
1.1883	0.92773580	0.37323756	2.485644264	0.402310184	2.679258742	1.077893076
1.1884	0.92777312	0.37314479	2.486362285	0.402194003	2.679924889	1.077849719
1.1885	0.92781043	0.37305201	2.487080663	0.402077832	2.680591395	1.077806375
1.1886	0.92784773	0.37295922	2.487799399	0.401961670	2.681258259	1.077763046
1.1887	0.92788503	0.37286644	2.488518493	0.401845517	2.681925482	1.077719731
1.1888	0.92792231	0.37277365	2.489237944	0.401729374	2.682593063	1.077676431
1.1889	0.92795958	0.37268085	2.489957754	0.401613240	2.683261004	1.077633145
1.1890	0.92799684	0.37258806	2.490677922	0.401497115	2.683929305	1.077589872
1.1891	0.92803410	0.37249525	2.491398449	0.401381000	2.684597965	1.077546615
1.1892	0.92807134	0.37240245	2.492119336	0.401264894	2.685266985	1.077503371
1.1893	0.92810858	0.37230964	2.492840581	0.401148797	2.685936366	1.077460142
1.1894	0.92814580	0.37221683	2.493562186	0.401032710	2.686606108	1.077416927
1.1895	0.92818302	0.37212401	2.494284152	0.400916631	2.687276210	1.077373726
1.1896	0.92822023	0.37203119	2.495006477	0.400800563	2.687946674	1.077330539
1.1897	0.92825743	0.37193837	2.495729163	0.400684503	2.688617499	1.077287367
1.1898	0.92829462	0.37184554	2.496452210	0.400568453	2.689288686	1.077244209
1.1899	0.92833180	0.37175271	2.497175618	0.400452412	2.689960235	1.077201065

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
1.1900	0.92836897	0.37165987	2.497899387	0.400336381	2.690632147	1.077157935
1.1901	0.92840613	0.37156703	2.498623518	0.400220358	2.691304421	1.077114820
1.1902	0.92844328	0.37147419	2.499348011	0.400104345	2.691977058	1.077071719
1.1903	0.92848042	0.37138134	2.500072867	0.399988342	2.692650059	1.077028632
1.1904	0.92851756	0.37128849	2.500798084	0.399872347	2.693323423	1.076985559
1.1905	0.92855468	0.37119564	2.501523665	0.399756362	2.693997150	1.076942500
1.1906	0.92859180	0.37110278	2.502249609	0.399640386	2.694671242	1.076899456
1.1907	0.92862890	0.37100992	2.502975916	0.399524420	2.695345698	1.076856426
1.1908	0.92866600	0.37091706	2.503702586	0.399408462	2.696020519	1.076813410
1.1909	0.92870309	0.37082419	2.504429621	0.399292514	2.696695705	1.076770408
1.1910	0.92874016	0.37073132	2.505157020	0.399176575	2.697371256	1.076727421
1.1911	0.92877723	0.37063844	2.505884784	0.399060646	2.698047173	1.076684447
1.1912	0.92881429	0.37054556	2.506612912	0.398944725	2.698723456	1.076641488
1.1913	0.92885134	0.37045268	2.507341405	0.398828814	2.699400104	1.076598543
1.1914	0.92888838	0.37035979	2.508070264	0.398712913	2.700077119	1.076555612
1.1915	0.92892541	0.37026690	2.508799489	0.398597020	2.700754501	1.076512696
1.1916	0.92896243	0.37017401	2.509529079	0.398481137	2.701432250	1.076469793
1.1917	0.92899945	0.37008111	2.510259036	0.398365263	2.702110366	1.076426905
1.1918	0.92903645	0.36998821	2.510989359	0.398249398	2.702788849	1.076384031
1.1919	0.92907344	0.36989530	2.511720050	0.398133542	2.703467700	1.076341171
1.1920	0.92911043	0.36980239	2.512451107	0.398017696	2.704146920	1.076298326
1.1921	0.92914741	0.36970948	2.513182532	0.397901858	2.704826508	1.076255494
1.1922	0.92918437	0.36961656	2.513914324	0.397786030	2.705506465	1.076212677
1.1923	0.92922133	0.36952364	2.514646485	0.397670212	2.706186790	1.076169874
1.1924	0.92925828	0.36943072	2.515379014	0.397554402	2.706867485	1.076127085
1.1925	0.92929521	0.36933779	2.516111911	0.397438602	2.707548550	1.076084310
1.1926	0.92933214	0.36924486	2.516845178	0.397322811	2.708229985	1.076041549
1.1927	0.92936906	0.36915192	2.517578813	0.397207029	2.708911789	1.075998803
1.1928	0.92940597	0.36905899	2.518312819	0.397091256	2.709593964	1.075956070
1.1929	0.92944288	0.36896604	2.519047193	0.396975492	2.710276510	1.075913352
1.1930	0.92947977	0.36887310	2.519781938	0.396859738	2.710959427	1.075870648
1.1931	0.92951665	0.36878015	2.520517054	0.396743993	2.711642716	1.075827958
1.1932	0.92955352	0.36868719	2.521252540	0.396628257	2.712326376	1.075785283
1.1933	0.92959039	0.36859424	2.521988397	0.396512530	2.713010408	1.075742621
1.1934	0.92962724	0.36850128	2.522724625	0.396396812	2.713694812	1.075699973
1.1935	0.92966409	0.36840831	2.523461225	0.396281104	2.714379589	1.075657340
1.1936	0.92970092	0.36831534	2.524198196	0.396165405	2.715064738	1.075614721
1.1937	0.92973775	0.36822237	2.524935540	0.396049715	2.715750261	1.075572116
1.1938	0.92977457	0.36812940	2.525673256	0.395934034	2.716436157	1.075529525
1.1939	0.92981138	0.36803642	2.526411345	0.395818362	2.717122427	1.075486948
1.1940	0.92984818	0.36794343	2.527149807	0.395702699	2.717809071	1.075444385
1.1941	0.92988497	0.36785045	2.527888643	0.395587046	2.718496090	1.075401837
1.1942	0.92992175	0.36775746	2.528627852	0.395471401	2.719183483	1.075359302
1.1943	0.92995852	0.36766446	2.529367434	0.395355766	2.719871250	1.075316782
1.1944	0.92999528	0.36757146	2.530107392	0.395240140	2.720559393	1.075274276
1.1945	0.93003203	0.36747846	2.530847723	0.395124523	2.721247912	1.075231784
1.1946	0.93006877	0.36738546	2.531588430	0.395008915	2.721936806	1.075189306
1.1947	0.93010551	0.36729245	2.532329511	0.394893317	2.722626077	1.075146842
1.1948	0.93014223	0.36719944	2.533070968	0.394777727	2.723315724	1.075104392
1.1949	0.93017895	0.36710642	2.533812801	0.394662147	2.724005747	1.075061956

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
1.1950	0.93021565	0.36701340	2.534555010	0.394546576	2.724696148	1.075019535
1.1951	0.93025235	0.36692038	2.535297595	0.394431014	2.725386926	1.074977127
1.1952	0.93028904	0.36682735	2.536040557	0.394315460	2.726078081	1.074934734
1.1953	0.93032572	0.36673432	2.536783895	0.394199917	2.726769615	1.074892355
1.1954	0.93036239	0.36664129	2.537527611	0.394084382	2.727461527	1.074849990
1.1955	0.93039904	0.36654825	2.538271705	0.393968856	2.728153817	1.074807638
1.1956	0.93043569	0.36645521	2.539016176	0.393853339	2.728846486	1.074765301
1.1957	0.93047234	0.36636216	2.539761026	0.393737832	2.729539534	1.074722978
1.1958	0.93050897	0.36626911	2.540506253	0.393622334	2.730232961	1.074680670
1.1959	0.93054559	0.36617606	2.541251860	0.393506844	2.730926769	1.074638375
1.1960	0.93058220	0.36608300	2.541997846	0.393391364	2.731620956	1.074596094
1.1961	0.93061881	0.36598994	2.542744211	0.393275893	2.732315524	1.074553827
1.1962	0.93065540	0.36589688	2.543490956	0.393160431	2.733010472	1.074511575
1.1963	0.93069199	0.36580381	2.544238080	0.393044978	2.733705801	1.074469336
1.1964	0.93072856	0.36571074	2.544985585	0.392929534	2.734401512	1.074427112
1.1965	0.93076513	0.36561767	2.545733471	0.392814099	2.735097604	1.074384901
1.1966	0.93080168	0.36552459	2.546481737	0.392698673	2.735794078	1.074342705
1.1967	0.93083823	0.36543150	2.547230385	0.392583257	2.736490934	1.074300523
1.1968	0.93087477	0.36533842	2.547979414	0.392467849	2.737188173	1.074258355
1.1969	0.93091130	0.36524533	2.548728824	0.392352451	2.737885794	1.074216201
1.1970	0.93094782	0.36515224	2.549478617	0.392237061	2.738583798	1.074174060
1.1971	0.93098433	0.36505914	2.550228793	0.392121681	2.739282186	1.074131934
1.1972	0.93102083	0.36496604	2.550979351	0.392006309	2.739980958	1.074089822
1.1973	0.93105732	0.36487294	2.551730292	0.391890947	2.740680113	1.074047724
1.1974	0.93109381	0.36477983	2.552481617	0.391775593	2.741379653	1.074005640
1.1975	0.93113028	0.36468672	2.553233325	0.391660249	2.742079578	1.073963570
1.1976	0.93116674	0.36459360	2.553985417	0.391544914	2.742779887	1.073921515
1.1977	0.93120320	0.36450048	2.554737893	0.391429588	2.743480582	1.073879473
1.1978	0.93123964	0.36440736	2.555490754	0.391314270	2.744181662	1.073837445
1.1979	0.93127608	0.36431424	2.556244000	0.391198962	2.744883128	1.073795431
1.1980	0.93131251	0.36422111	2.556997631	0.391083663	2.745584980	1.073753431
1.1981	0.93134892	0.36412797	2.557751647	0.390968373	2.746287219	1.073711446
1.1982	0.93138533	0.36403484	2.558506050	0.390853092	2.746989844	1.073669474
1.1983	0.93142173	0.36394170	2.559260838	0.390737820	2.747692857	1.073627516
1.1984	0.93145812	0.36384855	2.560016013	0.390622557	2.748396257	1.073585573
1.1985	0.93149450	0.36375540	2.560771574	0.390507303	2.749100045	1.073543643
1.1986	0.93153087	0.36366225	2.561527523	0.390392057	2.749804221	1.073501727
1.1987	0.93156723	0.36356910	2.562283859	0.390276821	2.750508785	1.073459826
1.1988	0.93160359	0.36347594	2.563040583	0.390161594	2.751213738	1.073417938
1.1989	0.93163993	0.36338278	2.563797695	0.390046376	2.751919079	1.073376064
1.1990	0.93167626	0.36328961	2.564555195	0.389931167	2.752624810	1.073334205
1.1991	0.93171259	0.36319644	2.565313083	0.389815967	2.753330931	1.073292359
1.1992	0.93174890	0.36310327	2.566071361	0.389700776	2.754037442	1.073250527
1.1993	0.93178521	0.36301009	2.566830028	0.389585594	2.754744343	1.073208710
1.1994	0.93182150	0.36291691	2.567589085	0.389470420	2.755451634	1.073166906
1.1995	0.93185779	0.36282373	2.568348531	0.389355256	2.756159316	1.073125116
1.1996	0.93189407	0.36273054	2.569108367	0.389240101	2.756867390	1.073083341
1.1997	0.93193034	0.36263735	2.569868595	0.389124955	2.757575854	1.073041579
1.1998	0.93196660	0.36254416	2.570629212	0.389009817	2.758284711	1.072999831
1.1999	0.93200285	0.36245096	2.571390222	0.388894689	2.758993960	1.072958097

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
1.2000	0.93203909	0.36235775	2.572151622	0.388779569	2.759703601	1.072916378
1.2001	0.93207532	0.36226455	2.572913414	0.388664459	2.760413635	1.072874672
1.2002	0.93211154	0.36217134	2.573675599	0.388549357	2.761124062	1.072832980
1.2003	0.93214775	0.36207813	2.574438176	0.388434265	2.761834883	1.072791302
1.2004	0.93218395	0.36198491	2.575201145	0.388319181	2.762546097	1.072749638
1.2005	0.93222015	0.36189169	2.575964508	0.388204106	2.763257705	1.072707988
1.2006	0.93225633	0.36179847	2.576728264	0.388089041	2.763969708	1.072666352
1.2007	0.93229251	0.36170524	2.577492414	0.387973984	2.764682105	1.072624730
1.2008	0.93232867	0.36161201	2.578256958	0.387858936	2.765394898	1.072583122
1.2009	0.93236483	0.36151877	2.579021896	0.387743897	2.766108085	1.072541528
1.2010	0.93240098	0.36142553	2.579787229	0.387628867	2.766821668	1.072499948
1.2011	0.93243712	0.36133229	2.580552956	0.387513846	2.767535648	1.072458382
1.2012	0.93247324	0.36123905	2.581319079	0.387398833	2.768250023	1.072416829
1.2013	0.93250936	0.36114580	2.582085598	0.387283830	2.768964795	1.072375291
1.2014	0.93254547	0.36105255	2.582852513	0.387168836	2.769679964	1.072333767
1.2015	0.93258157	0.36095929	2.583619824	0.387053850	2.770395530	1.072292256
1.2016	0.93261767	0.36086603	2.584387531	0.386938874	2.771111494	1.072250760
1.2017	0.93265375	0.36077277	2.585155635	0.386823906	2.771827855	1.072209277
1.2018	0.93268982	0.36067950	2.585924137	0.386708947	2.772544615	1.072167809
1.2019	0.93272588	0.36058623	2.586693036	0.386593997	2.773261773	1.072126354
1.2020	0.93276194	0.36049295	2.587462333	0.386479056	2.773979331	1.072084913
1.2021	0.93279798	0.36039967	2.588232029	0.386364124	2.774697287	1.072043486
1.2022	0.93283402	0.36030639	2.589002123	0.386249201	2.775415643	1.072002073
1.2023	0.93287004	0.36021311	2.589772615	0.386134286	2.776134398	1.071960674
1.2024	0.93290606	0.36011982	2.590543507	0.386019381	2.776853554	1.071919289
1.2025	0.93294207	0.36002653	2.591314798	0.385904484	2.777573111	1.071877918
1.2026	0.93297806	0.35993323	2.592086490	0.385789596	2.778293068	1.071836561
1.2027	0.93301405	0.35983993	2.592858581	0.385674717	2.779013426	1.071795217
1.2028	0.93305003	0.35974663	2.593631073	0.385559847	2.779734186	1.071753888
1.2029	0.93308600	0.35965332	2.594403966	0.385444986	2.780455347	1.071712572
1.2030	0.93312196	0.35956001	2.595177259	0.385330134	2.781176911	1.071671270
1.2031	0.93315791	0.35946670	2.595950955	0.385215290	2.781898877	1.071629983
1.2032	0.93319386	0.35937338	2.596725052	0.385100455	2.782621245	1.071588709
1.2033	0.93322979	0.35928006	2.597499551	0.384985630	2.783344017	1.071547449
1.2034	0.93326571	0.35918673	2.598274453	0.384870813	2.784067192	1.071506203
1.2035	0.93330163	0.35909340	2.599049757	0.384756004	2.784790771	1.071464970
1.2036	0.93333753	0.35900007	2.599825465	0.384641205	2.785514754	1.071423752
1.2037	0.93337343	0.35890674	2.600601576	0.384526415	2.786239142	1.071382548
1.2038	0.93340931	0.35881340	2.601378091	0.384411633	2.786963934	1.071341357
1.2039	0.93344519	0.35872006	2.602155009	0.384296860	2.787689131	1.071300181
1.2040	0.93348106	0.35862671	2.602932333	0.384182096	2.788414734	1.071259018
1.2041	0.93351691	0.35853336	2.603710061	0.384067341	2.789140742	1.071217869
1.2042	0.93355276	0.35844001	2.604488194	0.383952595	2.789867157	1.071176734
1.2043	0.93358860	0.35834665	2.605266733	0.383837857	2.790593978	1.071135613
1.2044	0.93362443	0.35825329	2.606045677	0.383723128	2.791321205	1.071094505
1.2045	0.93366025	0.35815992	2.606825028	0.383608408	2.792048840	1.071053412
1.2046	0.93369606	0.35806656	2.607604785	0.383493697	2.792776882	1.071012332
1.2047	0.93373187	0.35797318	2.608384948	0.383378995	2.793505332	1.070971267
1.2048	0.93376766	0.35787981	2.609165519	0.383264301	2.794234190	1.070930215
1.2049	0.93380344	0.35778643	2.609946497	0.383149617	2.794963456	1.070889177

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
1.2050	0.93383922	0.35769305	2.610727883	0.383034941	2.795693131	1.070848153
1.2051	0.93387498	0.35759966	2.611509678	0.382920274	2.796423215	1.070807142
1.2052	0.93391074	0.35750627	2.612291880	0.382805615	2.797153708	1.070766146
1.2053	0.93394648	0.35741288	2.613074491	0.382690965	2.797884611	1.070725163
1.2054	0.93398222	0.35731948	2.613857512	0.382576325	2.798615924	1.070684194
1.2055	0.93401795	0.35722608	2.614640942	0.382461693	2.799347648	1.070643239
1.2056	0.93405366	0.35713268	2.615424781	0.382347069	2.800079782	1.070602298
1.2057	0.93408937	0.35703927	2.616209031	0.382232455	2.800812328	1.070561371
1.2058	0.93412507	0.35694586	2.616993691	0.382117849	2.801545285	1.070520458
1.2059	0.93416076	0.35685245	2.617778763	0.382003252	2.802278653	1.070479558
1.2060	0.93419644	0.35675903	2.618564245	0.381888664	2.803012434	1.070438672
1.2061	0.93423211	0.35666561	2.619350138	0.381774084	2.803746627	1.070397800
1.2062	0.93426778	0.35657218	2.620136444	0.381659513	2.804481233	1.070356942
1.2063	0.93430343	0.35647876	2.620923161	0.381544951	2.805216252	1.070316098
1.2064	0.93433907	0.35638532	2.621710292	0.381430398	2.805951684	1.070275268
1.2065	0.93437471	0.35629189	2.622497835	0.381315853	2.806687530	1.070234451
1.2066	0.93441033	0.35619845	2.623285791	0.381201318	2.807423791	1.070193648
1.2067	0.93444595	0.35610501	2.624074160	0.381086791	2.808160465	1.070152859
1.2068	0.93448155	0.35601156	2.624862944	0.380972272	2.808897555	1.070112084
1.2069	0.93451715	0.35591811	2.625652142	0.380857763	2.809635060	1.070071323
1.2070	0.93455273	0.35582466	2.626441754	0.380743262	2.810372980	1.070030575
1.2071	0.93458831	0.35573120	2.627231781	0.380628770	2.811111316	1.069989841
1.2072	0.93462388	0.35563774	2.628022223	0.380514286	2.811850068	1.069949121
1.2073	0.93465944	0.35554427	2.628813081	0.380399811	2.812589237	1.069908415
1.2074	0.93469499	0.35545081	2.629604355	0.380285345	2.813328823	1.069867723
1.2075	0.93473053	0.35535734	2.630396045	0.380170888	2.814068825	1.069827044
1.2076	0.93476606	0.35526386	2.631188152	0.380056439	2.814809246	1.069786379
1.2077	0.93480158	0.35517038	2.631980675	0.379941999	2.815550084	1.069745728
1.2078	0.93483710	0.35507690	2.632773616	0.379827568	2.816291341	1.069705091
1.2079	0.93487260	0.35498341	2.633566975	0.379713146	2.817033016	1.069664467
1.2080	0.93490809	0.35488993	2.634360752	0.379598732	2.817775110	1.069623858
1.2081	0.93494358	0.35479643	2.635154946	0.379484326	2.818517623	1.069583262
1.2082	0.93497905	0.35470294	2.635949560	0.379369930	2.819260556	1.069542680
1.2083	0.93501452	0.35460944	2.636744593	0.379255542	2.820003909	1.069502111
1.2084	0.93504997	0.35451593	2.637540044	0.379141163	2.820747682	1.069461557
1.2085	0.93508542	0.35442243	2.638335916	0.379026793	2.821491876	1.069421016
1.2086	0.93512086	0.35432892	2.639132208	0.378912431	2.822236491	1.069380489
1.2087	0.93515629	0.35423540	2.639928920	0.378798078	2.822981527	1.069339976
1.2088	0.93519170	0.35414189	2.640726053	0.378683733	2.823726985	1.069299476
1.2089	0.93522711	0.35404837	2.641523607	0.378569397	2.824472865	1.069258990
1.2090	0.93526251	0.35395484	2.642321582	0.378455070	2.825219168	1.069218518
1.2091	0.93529791	0.35386131	2.643119980	0.378340752	2.825965893	1.069178060
1.2092	0.93533329	0.35376778	2.643918799	0.378226442	2.826713041	1.069137616
1.2093	0.93536866	0.35367425	2.644718041	0.378112141	2.827460613	1.069097185
1.2094	0.93540402	0.35358071	2.645517706	0.377997848	2.828208608	1.069056768
1.2095	0.93543937	0.35348717	2.646317794	0.377883564	2.828957028	1.069016365
1.2096	0.93547472	0.35339362	2.647118306	0.377769289	2.829705872	1.068975975
1.2097	0.93551005	0.35330007	2.647919241	0.377655022	2.830455142	1.068935599
1.2098	0.93554538	0.35320652	2.648720601	0.377540764	2.831204836	1.068895237
1.2099	0.93558069	0.35311296	2.649522386	0.377426515	2.831954956	1.068854889

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
1.2100	0.93561600	0.35301940	2.650324595	0.377312274	2.832705502	1.068814555
1.2101	0.93565130	0.35292584	2.651127230	0.377198042	2.833456474	1.068774234
1.2102	0.93568659	0.35283227	2.651930290	0.377083818	2.834207872	1.068733927
1.2103	0.93572187	0.35273870	2.652733777	0.376969604	2.834959698	1.068693633
1.2104	0.93575713	0.35264513	2.653537690	0.376855397	2.835711951	1.068653354
1.2105	0.93579239	0.35255155	2.654342029	0.376741200	2.836464632	1.068613088
1.2106	0.93582764	0.35245797	2.655146796	0.376627010	2.837217741	1.068572836
1.2107	0.93586289	0.35236438	2.655951990	0.376512830	2.837971278	1.068532597
1.2108	0.93589812	0.35227080	2.656757612	0.376398658	2.838725244	1.068492372
1.2109	0.93593334	0.35217720	2.657563663	0.376284495	2.839479639	1.068452161
1.2110	0.93596855	0.35208361	2.658370141	0.376170340	2.840234464	1.068411964
1.2111	0.93600376	0.35199001	2.659177049	0.376056194	2.840989718	1.068371780
1.2112	0.93603895	0.35189641	2.659984386	0.375942056	2.841745403	1.068331610
1.2113	0.93607414	0.35180280	2.660792153	0.375827927	2.842501518	1.068291454
1.2114	0.93610931	0.35170919	2.661600349	0.375713807	2.843258064	1.068251312
1.2115	0.93614448	0.35161558	2.662408976	0.375599695	2.844015041	1.068211183
1.2116	0.93617963	0.35152196	2.663218034	0.375485592	2.844772450	1.068171068
1.2117	0.93621478	0.35142834	2.664027522	0.375371497	2.845530291	1.068130966
1.2118	0.93624992	0.35133472	2.664837442	0.375257411	2.846288565	1.068090878
1.2119	0.93628505	0.35124109	2.665647794	0.375143334	2.847047271	1.068050804
1.2120	0.93632017	0.35114746	2.666458578	0.375029265	2.847806410	1.068010744
1.2121	0.93635528	0.35105383	2.667269794	0.374915204	2.848565982	1.067970697
1.2122	0.93639038	0.35096019	2.668081444	0.374801152	2.849325989	1.067930664
1.2123	0.93642547	0.35086655	2.668893526	0.374687109	2.850086429	1.067890645
1.2124	0.93646055	0.35077291	2.669706042	0.374573074	2.850847304	1.067850639
1.2125	0.93649563	0.35067926	2.670518992	0.374459048	2.851608614	1.067810647
1.2126	0.93653069	0.35058561	2.671332377	0.374345030	2.852370359	1.067770669
1.2127	0.93656574	0.35049195	2.672146196	0.374231021	2.853132540	1.067730704
1.2128	0.93660079	0.35039830	2.672960450	0.374117021	2.853895157	1.067690754
1.2129	0.93663582	0.35030463	2.673775140	0.374003029	2.854658210	1.067650816
1.2130	0.93667085	0.35021097	2.674590265	0.373889045	2.855421700	1.067610893
1.2131	0.93670586	0.35011730	2.675405826	0.373775070	2.856185627	1.067570983
1.2132	0.93674087	0.35002363	2.676221824	0.373661103	2.856949991	1.067531086
1.2133	0.93677587	0.34992995	2.677038259	0.373547145	2.857714793	1.067491204
1.2134	0.93681086	0.34983627	2.677855131	0.373433196	2.858480034	1.067451335
1.2135	0.93684584	0.34974259	2.678672441	0.373319255	2.859245713	1.067411479
1.2136	0.93688081	0.34964890	2.679490188	0.373205323	2.860011830	1.067371638
1.2137	0.93691577	0.34955521	2.680308374	0.373091399	2.860778387	1.067331810
1.2138	0.93695072	0.34946152	2.681126999	0.372977483	2.861545384	1.067291995
1.2139	0.93698566	0.34936782	2.681946063	0.372863576	2.862312821	1.067252194
1.2140	0.93702059	0.34927412	2.682765566	0.372749678	2.863080698	1.067212407
1.2141	0.93705551	0.34918042	2.683585509	0.372635788	2.863849016	1.067172634
1.2142	0.93709043	0.34908671	2.684405893	0.372521906	2.864617775	1.067132874
1.2143	0.93712533	0.34899300	2.685226716	0.372408033	2.865386975	1.067093128
1.2144	0.93716023	0.34889929	2.686047981	0.372294169	2.866156618	1.067053395
1.2145	0.93719511	0.34880557	2.686869687	0.372180313	2.866926702	1.067013676
1.2146	0.93722999	0.34871185	2.687691835	0.372066465	2.867697230	1.066973971
1.2147	0.93726485	0.34861812	2.688514425	0.371952626	2.868468200	1.066934279
1.2148	0.93729971	0.34852439	2.689337457	0.371838795	2.869239613	1.066894601
1.2149	0.93733456	0.34843066	2.690160932	0.371724973	2.870011471	1.066854937

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
1.2150	0.93736940	0.34833693	2.690984850	0.371611159	2.870783772	1.066815286
1.2151	0.93740423	0.34824319	2.691809212	0.371497354	2.871556518	1.066775648
1.2152	0.93743904	0.34814945	2.692634018	0.371383557	2.872329709	1.066736025
1.2153	0.93747385	0.34805570	2.693459268	0.371269769	2.873103345	1.066696415
1.2154	0.93750866	0.34796195	2.694284963	0.371155989	2.873877426	1.066656818
1.2155	0.93754345	0.34786820	2.695111102	0.371042218	2.874651954	1.066617236
1.2156	0.93757823	0.34777444	2.695937688	0.370928455	2.875426927	1.066577666
1.2157	0.93761300	0.34768068	2.696764719	0.370814700	2.876202348	1.066538111
1.2158	0.93764777	0.34758692	2.697592196	0.370700954	2.876978216	1.066498569
1.2159	0.93768252	0.34749315	2.698420119	0.370587216	2.877754531	1.066459040
1.2160	0.93771726	0.34739938	2.699248490	0.370473487	2.878531294	1.066419526
1.2161	0.93775200	0.34730561	2.700077308	0.370359766	2.879308505	1.066380024
1.2162	0.93778673	0.34721183	2.700906574	0.370246054	2.880086165	1.066340537
1.2163	0.93782144	0.34711805	2.701736287	0.370132350	2.880864274	1.066301063
1.2164	0.93785615	0.34702427	2.702566450	0.370018654	2.881642833	1.066261602
1.2165	0.93789085	0.34693048	2.703397061	0.369904967	2.882421841	1.066222155
1.2166	0.93792554	0.34683669	2.704228121	0.369791288	2.883201299	1.066182722
1.2167	0.93796021	0.34674290	2.705059631	0.369677618	2.883981208	1.066143302
1.2168	0.93799488	0.34664910	2.705891590	0.369563956	2.884761567	1.066103896
1.2169	0.93802954	0.34655530	2.706724001	0.369450302	2.885542378	1.066064504
1.2170	0.93806419	0.34646149	2.707556862	0.369336657	2.886323641	1.066025125
1.2171	0.93809884	0.34636769	2.708390174	0.369223020	2.887105355	1.065985759
1.2172	0.93813347	0.34627387	2.709223937	0.369109392	2.887887522	1.065946407
1.2173	0.93816809	0.34618006	2.710058153	0.368995772	2.888670142	1.065907069
1.2174	0.93820270	0.34608624	2.710892820	0.368882160	2.889453215	1.065867744
1.2175	0.93823731	0.34599242	2.711727941	0.368768557	2.890236742	1.065828433
1.2176	0.93827190	0.34589859	2.712563514	0.368654962	2.891020723	1.065789135
1.2177	0.93830649	0.34580476	2.713399541	0.368541376	2.891805158	1.065749851
1.2178	0.93834106	0.34571093	2.714236022	0.368427798	2.892590047	1.065710581
1.2179	0.93837563	0.34561710	2.715072957	0.368314228	2.893375392	1.065671324
1.2180	0.93841019	0.34552326	2.715910346	0.368200667	2.894161192	1.065632080
1.2181	0.93844473	0.34542941	2.716748190	0.368087114	2.894947449	1.065592851
1.2182	0.93847927	0.34533557	2.717586490	0.367973569	2.895734161	1.065553634
1.2183	0.93851380	0.34524172	2.718425246	0.367860033	2.896521330	1.065514431
1.2184	0.93854832	0.34514786	2.719264458	0.367746505	2.897308957	1.065475242
1.2185	0.93858283	0.34505401	2.720104126	0.367632985	2.898097040	1.065436067
1.2186	0.93861733	0.34496015	2.720944251	0.367519474	2.898885582	1.065396904
1.2187	0.93865182	0.34486628	2.721784834	0.367405971	2.899674582	1.065357756
1.2188	0.93868631	0.34477242	2.722625874	0.367292477	2.900464040	1.065318621
1.2189	0.93872078	0.34467855	2.723467372	0.367178990	2.901253958	1.065279499
1.2190	0.93875524	0.34458467	2.724309329	0.367065513	2.902044334	1.065240391
1.2191	0.93878969	0.34449080	2.725151744	0.366952043	2.902835171	1.065201296
1.2192	0.93882414	0.34439692	2.725994619	0.366838582	2.903626468	1.065162215
1.2193	0.93885857	0.34430303	2.726837954	0.366725129	2.904418225	1.065123148
1.2194	0.93889300	0.34420914	2.727681748	0.366611684	2.905210443	1.065084094
1.2195	0.93892742	0.34411525	2.728526004	0.366498248	2.906003123	1.065045053
1.2196	0.93896182	0.34402136	2.729370719	0.366384820	2.906796265	1.065006026
1.2197	0.93899622	0.34392746	2.730215897	0.366271400	2.907589868	1.064967013
1.2198	0.93903061	0.34383356	2.731061535	0.366157989	2.908383934	1.064928013
1.2199	0.93906499	0.34373965	2.731907636	0.366044586	2.909178463	1.064889027

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
1.2200	0.93909936	0.34364575	2.732754199	0.365931191	2.909973456	1.064850054
1.2201	0.93913372	0.34355183	2.733601225	0.365817805	2.910768912	1.064811094
1.2202	0.93916807	0.34345792	2.734448715	0.365704427	2.911564832	1.064772148
1.2203	0.93920241	0.34336400	2.735296667	0.365591057	2.912361217	1.064733216
1.2204	0.93923674	0.34327008	2.736145084	0.365477696	2.913158067	1.064694297
1.2205	0.93927106	0.34317615	2.736993966	0.365364342	2.913955382	1.064655391
1.2206	0.93930537	0.34308222	2.737843312	0.365250997	2.914753163	1.064616500
1.2207	0.93933968	0.34298829	2.738693123	0.365137661	2.915551409	1.064577621
1.2208	0.93937397	0.34289436	2.739543400	0.365024332	2.916350123	1.064538756
1.2209	0.93940826	0.34280042	2.740394143	0.364911012	2.917149303	1.064499905
1.2210	0.93944253	0.34270648	2.741245352	0.364797700	2.917948951	1.064461066
1.2211	0.93947680	0.34261253	2.742097028	0.364684397	2.918749066	1.064422242
1.2212	0.93951105	0.34251858	2.742949171	0.364571101	2.919549650	1.064383431
1.2213	0.93954530	0.34242463	2.743801782	0.364457814	2.920350701	1.064344633
1.2214	0.93957954	0.34233067	2.744654861	0.364344535	2.921152222	1.064305849
1.2215	0.93961377	0.34223671	2.745508408	0.364231265	2.921954213	1.064267078
1.2216	0.93964799	0.34214275	2.746362424	0.364118002	2.922756672	1.064228321
1.2217	0.93968220	0.34204878	2.747216910	0.364004748	2.923559602	1.064189577
1.2218	0.93971640	0.34195481	2.748071865	0.363891503	2.924363003	1.064150847
1.2219	0.93975059	0.34186084	2.748927290	0.363778265	2.925166875	1.064112130
1.2220	0.93978477	0.34176686	2.749783185	0.363665036	2.925971217	1.064073427
1.2221	0.93981894	0.34167288	2.750639551	0.363551815	2.926776032	1.064034737
1.2222	0.93985310	0.34157890	2.751496389	0.363438602	2.927581319	1.063996061
1.2223	0.93988726	0.34148491	2.752353698	0.363325397	2.928387078	1.063957398
1.2224	0.93992140	0.34139092	2.753211479	0.363212201	2.929193310	1.063918748
1.2225	0.93995554	0.34129693	2.754069733	0.363099012	2.930000016	1.063880112
1.2226	0.93998966	0.34120293	2.754928459	0.362985832	2.930807195	1.063841489
1.2227	0.94002378	0.34110893	2.755787659	0.362872661	2.931614849	1.063802880
1.2228	0.94005788	0.34101492	2.756647333	0.362759497	2.932422977	1.063764284
1.2229	0.94009198	0.34092092	2.757507480	0.362646342	2.933231580	1.063725702
1.2230	0.94012607	0.34082691	2.758368102	0.362533195	2.934040659	1.063687133
1.2231	0.94016014	0.34073289	2.759229199	0.362420056	2.934850213	1.063648578
1.2232	0.94019421	0.34063887	2.760090771	0.362306925	2.935660244	1.063610036
1.2233	0.94022827	0.34054485	2.760952820	0.362193802	2.936470751	1.063571507
1.2234	0.94026232	0.34045083	2.761815344	0.362080688	2.937281735	1.063532992
1.2235	0.94029636	0.34035680	2.762678344	0.361967582	2.938093197	1.063494490
1.2236	0.94033039	0.34026277	2.763541822	0.361854484	2.938905137	1.063456002
1.2237	0.94036441	0.34016873	2.764405777	0.361741394	2.939717555	1.063417527
1.2238	0.94039843	0.34007470	2.765270210	0.361628313	2.940530451	1.063379065
1.2239	0.94043243	0.33998065	2.766135121	0.361515239	2.941343827	1.063340617
1.2240	0.94046642	0.33988661	2.767000511	0.361402174	2.942157682	1.063302183
1.2241	0.94050041	0.33979256	2.767866380	0.361289117	2.942972018	1.063263761
1.2242	0.94053438	0.33969851	2.768732728	0.361176068	2.943786833	1.063225353
1.2243	0.94056835	0.33960445	2.769599556	0.361063027	2.944602130	1.063186959
1.2244	0.94060230	0.33951040	2.770466864	0.360949995	2.945417907	1.063148578
1.2245	0.94063625	0.33941633	2.771334654	0.360836970	2.946234166	1.063110210
1.2246	0.94067019	0.33932227	2.772202924	0.360723954	2.947050907	1.063071856
1.2247	0.94070411	0.33922820	2.773071676	0.360610946	2.947868131	1.063033515
1.2248	0.94073803	0.33913413	2.773940909	0.360497946	2.948685837	1.062995188
1.2249	0.94077194	0.33904005	2.774810625	0.360384954	2.949504027	1.062956874

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
1.2250	0.94080584	0.33894597	2.775680824	0.360271970	2.950322701	1.062918573
1.2251	0.94083973	0.33885189	2.776551506	0.360158995	2.951141858	1.062880286
1.2252	0.94087361	0.33875781	2.777422672	0.360046028	2.951961500	1.062842012
1.2253	0.94090748	0.33866372	2.778294322	0.359933068	2.952781627	1.062803751
1.2254	0.94094134	0.33856962	2.779166456	0.359820117	2.953602240	1.062765504
1.2255	0.94097519	0.33847553	2.780039075	0.359707174	2.954423338	1.062727270
1.2256	0.94100904	0.33838143	2.780912180	0.359594239	2.955244922	1.062689050
1.2257	0.94104287	0.33828733	2.781785770	0.359481313	2.956066993	1.062650843
1.2258	0.94107669	0.33819322	2.782659846	0.359368394	2.956889551	1.062612649
1.2259	0.94111051	0.33809911	2.783534409	0.359255484	2.957712597	1.062574469
1.2260	0.94114431	0.33800500	2.784409459	0.359142581	2.958536131	1.062536302
1.2261	0.94117811	0.33791088	2.785284996	0.359029687	2.959360152	1.062498149
1.2262	0.94121190	0.33781676	2.786161022	0.358916801	2.960184663	1.062460009
1.2263	0.94124567	0.33772264	2.787037535	0.358803923	2.961009663	1.062421882
1.2264	0.94127944	0.33762851	2.787914537	0.358691053	2.961835152	1.062383768
1.2265	0.94131320	0.33753438	2.788792029	0.358578191	2.962661132	1.062345668
1.2266	0.94134695	0.33744025	2.789670010	0.358465337	2.963487601	1.062307582
1.2267	0.94138069	0.33734611	2.790548481	0.358352491	2.964314562	1.062269508
1.2268	0.94141442	0.33725197	2.791427442	0.358239654	2.965142014	1.062231448
1.2269	0.94144814	0.33715783	2.792306894	0.358126824	2.965969958	1.062193401
1.2270	0.94148185	0.33706369	2.793186838	0.358014003	2.966798394	1.062155368
1.2271	0.94151555	0.33696954	2.794067273	0.357901189	2.967627323	1.062117348
1.2272	0.94154924	0.33687538	2.794948200	0.357788384	2.968456744	1.062079342
1.2273	0.94158293	0.33678123	2.795829620	0.357675587	2.969286659	1.062041348
1.2274	0.94161660	0.33668707	2.796711533	0.357562798	2.970117068	1.062003368
1.2275	0.94165026	0.33659290	2.797593939	0.357450017	2.970947972	1.061965402
1.2276	0.94168392	0.33649874	2.798476840	0.357337244	2.971779370	1.061927448
1.2277	0.94171756	0.33640457	2.799360234	0.357224479	2.972611263	1.061889508
1.2278	0.94175120	0.33631039	2.800244123	0.357111722	2.973443652	1.061851582
1.2279	0.94178483	0.33621622	2.801128508	0.356998973	2.974276537	1.061813668
1.2280	0.94181844	0.33612203	2.802013388	0.356886232	2.975109918	1.061775769
1.2281	0.94185205	0.33602785	2.802898764	0.356773499	2.975943796	1.061737882
1.2282	0.94188565	0.33593366	2.803784636	0.356660775	2.976778172	1.061700009
1.2283	0.94191924	0.33583947	2.804671005	0.356548058	2.977613046	1.061662149
1.2284	0.94195282	0.33574528	2.805557872	0.356435349	2.978448417	1.061624302
1.2285	0.94198639	0.33565108	2.806445237	0.356322649	2.979284288	1.061586468
1.2286	0.94201995	0.33555688	2.807333099	0.356209956	2.980120657	1.061548648
1.2287	0.94205350	0.33546268	2.808221461	0.356097272	2.980957526	1.061510842
1.2288	0.94208704	0.33536847	2.809110321	0.355984595	2.981794895	1.061473048
1.2289	0.94212057	0.33527426	2.809999681	0.355871927	2.982632764	1.061435268
1.2290	0.94215409	0.33518005	2.810889541	0.355759266	2.983471134	1.061397501
1.2291	0.94218761	0.33508583	2.811779901	0.355646614	2.984310006	1.061359748
1.2292	0.94222111	0.33499161	2.812670762	0.355533969	2.985149379	1.061322007
1.2293	0.94225460	0.33489739	2.813562125	0.355421333	2.985989255	1.061284280
1.2294	0.94228809	0.33480316	2.814453989	0.355308704	2.986829633	1.061246567
1.2295	0.94232157	0.33470893	2.815346355	0.355196084	2.987670514	1.061208866
1.2296	0.94235503	0.33461470	2.816239224	0.355083471	2.988511898	1.061171179
1.2297	0.94238849	0.33452046	2.817132596	0.354970867	2.989353787	1.061133505
1.2298	0.94242194	0.33442622	2.818026471	0.354858271	2.990196180	1.061095845
1.2299	0.94245537	0.33433197	2.818920851	0.354745682	2.991039077	1.061058198

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
1.2300	0.94248880	0.33423773	2.819815734	0.354633102	2.991882480	1.061020564
1.2301	0.94252222	0.33414348	2.820711123	0.354520529	2.992726389	1.060982943
1.2302	0.94255563	0.33404922	2.821607017	0.354407965	2.993570804	1.060945336
1.2303	0.94258903	0.33395497	2.822503416	0.354295408	2.994415725	1.060907742
1.2304	0.94262242	0.33386070	2.823400322	0.354182860	2.995261154	1.060870161
1.2305	0.94265580	0.33376644	2.824297734	0.354070319	2.996107089	1.060832593
1.2306	0.94268917	0.33367217	2.825195654	0.353957787	2.996953533	1.060795039
1.2307	0.94272254	0.33357790	2.826094080	0.353845262	2.997800486	1.060757498
1.2308	0.94275589	0.33348363	2.826993015	0.353732745	2.998647947	1.060719970
1.2309	0.94278923	0.33338935	2.827892459	0.353620237	2.999495917	1.060682456
1.2310	0.94282257	0.33329507	2.828792411	0.353507736	3.000344397	1.060644954
1.2311	0.94285589	0.33320079	2.829692872	0.353395243	3.001193388	1.060607466
1.2312	0.94288921	0.33310650	2.830593843	0.353282758	3.002042889	1.060569992
1.2313	0.94292251	0.33301221	2.831495324	0.353170281	3.002892901	1.060532530
1.2314	0.94295581	0.33291792	2.832397316	0.353057812	3.003743424	1.060495082
1.2315	0.94298910	0.33282362	2.833299819	0.352945351	3.004594460	1.060457647
1.2316	0.94302238	0.33272932	2.834202834	0.352832898	3.005446008	1.060420225
1.2317	0.94305564	0.33263501	2.835106361	0.352720453	3.006298069	1.060382817
1.2318	0.94308890	0.33254071	2.836010400	0.352608016	3.007150643	1.060345421
1.2319	0.94312215	0.33244640	2.836914952	0.352495587	3.008003731	1.060308039
1.2320	0.94315539	0.33235208	2.837820017	0.352383165	3.008857333	1.060270671
1.2321	0.94318862	0.33225777	2.838725597	0.352270752	3.009711450	1.060233315
1.2322	0.94322184	0.33216344	2.839631690	0.352158346	3.010566082	1.060195973
1.2323	0.94325506	0.33206912	2.840538298	0.352045949	3.011421230	1.060158644
1.2324	0.94328826	0.33197479	2.841445422	0.351933559	3.012276894	1.060121328
1.2325	0.94332145	0.33188046	2.842353061	0.351821177	3.013133074	1.060084025
1.2326	0.94335463	0.33178613	2.843261216	0.351708803	3.013989772	1.060046736
1.2327	0.94338781	0.33169179	2.844169888	0.351596437	3.014846986	1.060009460
1.2328	0.94342097	0.33159745	2.845079077	0.351484079	3.015704719	1.059972197
1.2329	0.94345413	0.33150311	2.845988783	0.351371729	3.016562970	1.059934947
1.2330	0.94348727	0.33140876	2.846899007	0.351259387	3.017421740	1.059897711
1.2331	0.94352041	0.33131441	2.847809750	0.351147053	3.018281029	1.059860487
1.2332	0.94355354	0.33122006	2.848721012	0.351034726	3.019140838	1.059823277
1.2333	0.94358665	0.33112570	2.849632792	0.350922407	3.020001168	1.059786080
1.2334	0.94361976	0.33103134	2.850545093	0.350810097	3.020862017	1.059748897
1.2335	0.94365286	0.33093698	2.851457914	0.350697794	3.021723388	1.059711726
1.2336	0.94368595	0.33084261	2.852371256	0.350585499	3.022585281	1.059674569
1.2337	0.94371903	0.33074824	2.853285119	0.350473212	3.023447696	1.059637425
1.2338	0.94375210	0.33065387	2.854199503	0.350360933	3.024310633	1.059600294
1.2339	0.94378516	0.33055949	2.855114410	0.350248661	3.025174093	1.059563176
1.2340	0.94381821	0.33046511	2.856029839	0.350136398	3.026038077	1.059526072
1.2341	0.94385125	0.33037072	2.856945791	0.350024142	3.026902584	1.059488981
1.2342	0.94388428	0.33027634	2.857862267	0.349911894	3.027767616	1.059451903
1.2343	0.94391731	0.33018195	2.858779267	0.349799655	3.028633173	1.059414838
1.2344	0.94395032	0.33008755	2.859696791	0.349687423	3.029499255	1.059377786
1.2345	0.94398332	0.32999316	2.860614840	0.349575198	3.030365863	1.059340747
1.2346	0.94401632	0.32989876	2.861533414	0.349462982	3.031232997	1.059303722
1.2347	0.94404930	0.32980435	2.862452515	0.349350773	3.032100658	1.059266710
1.2348	0.94408228	0.32970995	2.863372142	0.349238573	3.032968846	1.059229711
1.2349	0.94411525	0.32961554	2.864292295	0.349126380	3.033837562	1.059192725

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
1.2350	0.94414820	0.32952112	2.865212976	0.349014195	3.034706806	1.059155753
1.2351	0.94418115	0.32942671	2.866134184	0.348902018	3.035576578	1.059118793
1.2352	0.94421409	0.32933229	2.867055921	0.348789848	3.036446880	1.059081847
1.2353	0.94424702	0.32923787	2.867978186	0.348677687	3.037317711	1.059044914
1.2354	0.94427994	0.32914344	2.868900981	0.348565533	3.038189072	1.059007994
1.2355	0.94431285	0.32904901	2.869824305	0.348453387	3.039060964	1.058971087
1.2356	0.94434575	0.32895458	2.870748159	0.348341249	3.039933386	1.058934193
1.2357	0.94437864	0.32886014	2.871672544	0.348229119	3.040806341	1.058897313
1.2358	0.94441152	0.32876570	2.872597460	0.348116997	3.041679827	1.058860446
1.2359	0.94444439	0.32867126	2.873522908	0.348004882	3.042553845	1.058823591
1.2360	0.94447725	0.32857681	2.874448887	0.347892775	3.043428396	1.058786750
1.2361	0.94451010	0.32848236	2.875375399	0.347780676	3.044303481	1.058749923
1.2362	0.94454295	0.32838791	2.876302444	0.347668585	3.045179100	1.058713108
1.2363	0.94457578	0.32829345	2.877230022	0.347556501	3.046055253	1.058676306
1.2364	0.94460861	0.32819899	2.878158135	0.347444426	3.046931940	1.058639518
1.2365	0.94464142	0.32810453	2.879086781	0.347332358	3.047809163	1.058602743
1.2366	0.94467423	0.32801007	2.880015963	0.347220298	3.048686922	1.058565981
1.2367	0.94470702	0.32791560	2.880945680	0.347108245	3.049565217	1.058529232
1.2368	0.94473981	0.32782113	2.881875933	0.346996201	3.050444048	1.058492496
1.2369	0.94477259	0.32772665	2.882806722	0.346884164	3.051323417	1.058455773
1.2370	0.94480536	0.32763217	2.883738048	0.346772135	3.052203324	1.058419063
1.2371	0.94483811	0.32753769	2.884669911	0.346660114	3.053083768	1.058382367
1.2372	0.94487086	0.32744320	2.885602312	0.346548100	3.053964751	1.058345684
1.2373	0.94490360	0.32734871	2.886535251	0.346436095	3.054846274	1.058309013
1.2374	0.94493633	0.32725422	2.887468729	0.346324097	3.055728336	1.058272356
1.2375	0.94496905	0.32715973	2.888402747	0.346212107	3.056610938	1.058235712
1.2376	0.94500177	0.32706523	2.889337304	0.346100124	3.057494081	1.058199081
1.2377	0.94503447	0.32697073	2.890272401	0.345988150	3.058377765	1.058162464
1.2378	0.94506716	0.32687622	2.891208039	0.345876183	3.059261990	1.058125859
1.2379	0.94509984	0.32678171	2.892144218	0.345764224	3.060146757	1.058089268
1.2380	0.94513252	0.32668720	2.893080938	0.345652272	3.061032067	1.058052689
1.2381	0.94516518	0.32659269	2.894018201	0.345540329	3.061917920	1.058016124
1.2382	0.94519783	0.32649817	2.894956007	0.345428393	3.062804317	1.057979572
1.2383	0.94523048	0.32640365	2.895894356	0.345316464	3.063691257	1.057943033
1.2384	0.94526312	0.32630912	2.896833248	0.345204544	3.064578742	1.057906507
1.2385	0.94529574	0.32621459	2.897772684	0.345092631	3.065466772	1.057869994
1.2386	0.94532836	0.32612006	2.898712665	0.344980726	3.066355347	1.057833494
1.2387	0.94536097	0.32602553	2.899653192	0.344868829	3.067244469	1.057797007
1.2388	0.94539356	0.32593099	2.900594263	0.344756939	3.068134137	1.057760534
1.2389	0.94542615	0.32583645	2.901535881	0.344645057	3.069024351	1.057724073
1.2390	0.94545873	0.32574191	2.902478046	0.344533183	3.069915114	1.057687626
1.2391	0.94549130	0.32564736	2.903420757	0.344421317	3.070806424	1.057651192
1.2392	0.94552386	0.32555281	2.904364016	0.344309458	3.071698282	1.057614771
1.2393	0.94555641	0.32545825	2.905307823	0.344197607	3.072590690	1.057578362
1.2394	0.94558895	0.32536370	2.906252179	0.344085764	3.073483647	1.057541967
1.2395	0.94562148	0.32526914	2.907197084	0.343973928	3.074377154	1.057505585
1.2396	0.94565401	0.32517457	2.908142538	0.343862100	3.075271211	1.057469216
1.2397	0.94568652	0.32508001	2.909088543	0.343750280	3.076165819	1.057432861
1.2398	0.94571902	0.32498543	2.910035098	0.343638467	3.077060979	1.057396518
1.2399	0.94575152	0.32489086	2.910982204	0.343526662	3.077956691	1.057360188

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
1.2400	0.94578400	0.32479628	2.911929861	0.343414865	3.078852955	1.057323872
1.2401	0.94581647	0.32470170	2.912878071	0.343303075	3.079749772	1.057287568
1.2402	0.94584894	0.32460712	2.913826833	0.343191294	3.080647142	1.057251278
1.2403	0.94588140	0.32451253	2.914776148	0.343079519	3.081545066	1.057215000
1.2404	0.94591384	0.32441794	2.915726017	0.342967753	3.082443545	1.057178736
1.2405	0.94594628	0.32432335	2.916676440	0.342855994	3.083342579	1.057142485
1.2406	0.94597871	0.32422876	2.917627418	0.342744243	3.084242168	1.057106246
1.2407	0.94601113	0.32413416	2.918578950	0.342632499	3.085142313	1.057070021
1.2408	0.94604353	0.32403955	2.919531038	0.342520763	3.086043014	1.057033809
1.2409	0.94607593	0.32394495	2.920483683	0.342409035	3.086944272	1.056997610
1.2410	0.94610832	0.32385034	2.921436884	0.342297315	3.087846088	1.056961424
1.2411	0.94614070	0.32375573	2.922390642	0.342185602	3.088748462	1.056925251
1.2412	0.94617307	0.32366111	2.923344957	0.342073896	3.089651394	1.056889091
1.2413	0.94620544	0.32356649	2.924299831	0.341962199	3.090554886	1.056852944
1.2414	0.94623779	0.32347187	2.925255263	0.341850509	3.091458936	1.056816810
1.2415	0.94627013	0.32337724	2.926211255	0.341738826	3.092363547	1.056780689
1.2416	0.94630246	0.32328261	2.927167806	0.341627152	3.093268718	1.056744582
1.2417	0.94633479	0.32318798	2.928124917	0.341515485	3.094174451	1.056708487
1.2418	0.94636710	0.32309335	2.929082589	0.341403825	3.095080744	1.056672405
1.2419	0.94639940	0.32299871	2.930040822	0.341292173	3.095987600	1.056636336
1.2420	0.94643170	0.32290407	2.930999617	0.341180529	3.096895019	1.056600281
1.2421	0.94646399	0.32280942	2.931958974	0.341068892	3.097803000	1.056564238
1.2422	0.94649626	0.32271478	2.932918894	0.340957263	3.098711545	1.056528209
1.2423	0.94652853	0.32262012	2.933879377	0.340845642	3.099620654	1.056492192
1.2424	0.94656079	0.32252547	2.934840424	0.340734028	3.100530328	1.056456188
1.2425	0.94659303	0.32243081	2.935802035	0.340622422	3.101440567	1.056420198
1.2426	0.94662527	0.32233615	2.936764211	0.340510824	3.102351371	1.056384220
1.2427	0.94665750	0.32224149	2.937726952	0.340399233	3.103262742	1.056348256
1.2428	0.94668972	0.32214682	2.938690259	0.340287649	3.104174679	1.056312304
1.2429	0.94672193	0.32205215	2.939654132	0.340176073	3.105087183	1.056276366
1.2430	0.94675413	0.32195748	2.940618572	0.340064505	3.106000256	1.056240440
1.2431	0.94678632	0.32186280	2.941583580	0.339952945	3.106913896	1.056204528
1.2432	0.94681850	0.32176812	2.942549155	0.339841392	3.107828105	1.056168628
1.2433	0.94685068	0.32167343	2.943515299	0.339729846	3.108742884	1.056132742
1.2434	0.94688284	0.32157875	2.944482012	0.339618308	3.109658232	1.056096868
1.2435	0.94691499	0.32148406	2.945449294	0.339506778	3.110574150	1.056061008
1.2436	0.94694713	0.32138936	2.946417146	0.339395255	3.111490640	1.056025160
1.2437	0.94697927	0.32129467	2.947385569	0.339283740	3.112407700	1.055989326
1.2438	0.94701139	0.32119997	2.948354563	0.339172233	3.113325333	1.055953504
1.2439	0.94704351	0.32110527	2.949324128	0.339060733	3.114243538	1.055917696
1.2440	0.94707561	0.32101056	2.950294266	0.338949240	3.115162316	1.055881900
1.2441	0.94710771	0.32091585	2.951264976	0.338837755	3.116081667	1.055846118
1.2442	0.94713980	0.32082114	2.952236259	0.338726278	3.117001593	1.055810348
1.2443	0.94717188	0.32072642	2.953208116	0.338614808	3.117922092	1.055774592
1.2444	0.94720394	0.32063170	2.954180547	0.338503346	3.118843167	1.055738848
1.2445	0.94723600	0.32053698	2.955153552	0.338391891	3.119764818	1.055703117
1.2446	0.94726805	0.32044226	2.956127133	0.338280444	3.120687044	1.055667400
1.2447	0.94730009	0.32034753	2.957101290	0.338169005	3.121609847	1.055631695
1.2448	0.94733212	0.32025280	2.958076023	0.338057573	3.122533228	1.055596003
1.2449	0.94736414	0.32015806	2.959051333	0.337946148	3.123457186	1.055560325

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
1.2450	0.94739615	0.32006332	2.960027220	0.337834731	3.124381722	1.055524659
1.2451	0.94742815	0.31996858	2.961003685	0.337723322	3.125306837	1.055489006
1.2452	0.94746015	0.31987384	2.961980729	0.337611920	3.126232531	1.055453366
1.2453	0.94749213	0.31977909	2.962958352	0.337500525	3.127158805	1.055417739
1.2454	0.94752410	0.31968434	2.963936554	0.337389138	3.128085660	1.055382125
1.2455	0.94755607	0.31958959	2.964915336	0.337277759	3.129013095	1.055346524
1.2456	0.94758802	0.31949483	2.965894698	0.337166387	3.129941112	1.055310936
1.2457	0.94761996	0.31940007	2.966874642	0.337055023	3.130869710	1.055275361
1.2458	0.94765190	0.31930530	2.967855168	0.336943666	3.131798891	1.055239799
1.2459	0.94768383	0.31921054	2.968836275	0.336832317	3.132728655	1.055204250
1.2460	0.94771574	0.31911577	2.969817966	0.336720975	3.133659003	1.055168714
1.2461	0.94774765	0.31902100	2.970800239	0.336609640	3.134589935	1.055133191
1.2462	0.94777955	0.31892622	2.971783097	0.336498313	3.135521451	1.055097680
1.2463	0.94781143	0.31883144	2.972766538	0.336386994	3.136453553	1.055062183
1.2464	0.94784331	0.31873666	2.973750565	0.336275682	3.137386240	1.055026698
1.2465	0.94787518	0.31864187	2.974735177	0.336164378	3.138319514	1.054991227
1.2466	0.94790704	0.31854708	2.975720375	0.336053081	3.139253375	1.054955768
1.2467	0.94793889	0.31845229	2.976706159	0.335941792	3.140187822	1.054920323
1.2468	0.94797073	0.31835749	2.977692531	0.335830510	3.141122858	1.054884890
1.2469	0.94800256	0.31826269	2.978679490	0.335719235	3.142058482	1.054849470
1.2470	0.94803438	0.31816789	2.979667037	0.335607968	3.142994695	1.054814063
1.2471	0.94806620	0.31807309	2.980655173	0.335496709	3.143931498	1.054778669
1.2472	0.94809800	0.31797828	2.981643899	0.335385456	3.144868891	1.054743288
1.2473	0.94812979	0.31788347	2.982633214	0.335274212	3.145806874	1.054707920
1.2474	0.94816157	0.31778865	2.983623119	0.335162975	3.146745448	1.054672565
1.2475	0.94819335	0.31769384	2.984613615	0.335051745	3.147684615	1.054637223
1.2476	0.94822511	0.31759902	2.985604703	0.334940523	3.148624373	1.054601894
1.2477	0.94825687	0.31750419	2.986596383	0.334829308	3.149564724	1.054566577
1.2478	0.94828861	0.31740936	2.987588655	0.334718101	3.150505669	1.054531274
1.2479	0.94832035	0.31731453	2.988581520	0.334606901	3.151447207	1.054495983
1.2480	0.94835208	0.31721970	2.989574979	0.334495708	3.152389340	1.054460705
1.2481	0.94838379	0.31712486	2.990569032	0.334384523	3.153332069	1.054425440
1.2482	0.94841550	0.31703002	2.991563680	0.334273346	3.154275392	1.054390189
1.2483	0.94844720	0.31693518	2.992558923	0.334162176	3.155219312	1.054354950
1.2484	0.94847889	0.31684033	2.993554762	0.334051013	3.156163828	1.054319723
1.2485	0.94851057	0.31674548	2.994551197	0.333939858	3.157108942	1.054284510
1.2486	0.94854224	0.31665063	2.995548229	0.333828710	3.158054653	1.054249310
1.2487	0.94857390	0.31655578	2.996545859	0.333717569	3.159000963	1.054214122
1.2488	0.94860555	0.31646092	2.997544087	0.333606436	3.159947872	1.054178948
1.2489	0.94863719	0.31636605	2.998542913	0.333495311	3.160895380	1.054143786
1.2490	0.94866882	0.31627119	2.999542339	0.333384192	3.161843488	1.054108638
1.2491	0.94870044	0.31617632	3.000542364	0.333273082	3.162792197	1.054073502
1.2492	0.94873206	0.31608145	3.001542990	0.333161978	3.163741507	1.054038379
1.2493	0.94876366	0.31598657	3.002544217	0.333050882	3.164691418	1.054003269
1.2494	0.94879526	0.31589170	3.003546044	0.332939794	3.165641932	1.053968171
1.2495	0.94882684	0.31579682	3.004548474	0.332828712	3.166593049	1.053933087
1.2496	0.94885841	0.31570193	3.005551507	0.332717639	3.167544769	1.053898015
1.2497	0.94888998	0.31560704	3.006555143	0.332606572	3.168497093	1.053862957
1.2498	0.94892154	0.31551215	3.007559382	0.332495513	3.169450021	1.053827911
1.2499	0.94895308	0.31541726	3.008564225	0.332384462	3.170403555	1.053792878

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
1.2500	0.94898462	0.31532236	3.009569674	0.332273417	3.171357694	1.053757858
1.2501	0.94901615	0.31522746	3.010575728	0.332162380	3.172312439	1.053722851
1.2502	0.94904766	0.31513256	3.011582387	0.332051351	3.173267791	1.053687857
1.2503	0.94907917	0.31503765	3.012589653	0.331940329	3.174223751	1.053652875
1.2504	0.94911067	0.31494274	3.013597527	0.331829314	3.175180318	1.053617907
1.2505	0.94914216	0.31484783	3.014606008	0.331718307	3.176137494	1.053582951
1.2506	0.94917364	0.31475291	3.015615097	0.331607307	3.177095279	1.053548008
1.2507	0.94920511	0.31465800	3.016624795	0.331496314	3.178053674	1.053513078
1.2508	0.94923657	0.31456307	3.017635102	0.331385329	3.179012678	1.053478161
1.2509	0.94926803	0.31446815	3.018646019	0.331274351	3.179972294	1.053443257
1.2510	0.94929947	0.31437322	3.019657547	0.331163380	3.180932521	1.053408365
1.2511	0.94933090	0.31427829	3.020669686	0.331052417	3.181893359	1.053373487
1.2512	0.94936232	0.31418335	3.021682436	0.330941461	3.182854811	1.053338621
1.2513	0.94939374	0.31408842	3.022695799	0.330830512	3.183816875	1.053303768
1.2514	0.94942514	0.31399348	3.023709774	0.330719571	3.184779553	1.053268928
1.2515	0.94945654	0.31389853	3.024724363	0.330608637	3.185742845	1.053234101
1.2516	0.94948792	0.31380358	3.025739566	0.330497711	3.186706752	1.053199286
1.2517	0.94951930	0.31370863	3.026755383	0.330386792	3.187671274	1.053164485
1.2518	0.94955066	0.31361368	3.027771816	0.330275880	3.188636412	1.053129696
1.2519	0.94958202	0.31351872	3.028788864	0.330164975	3.189602167	1.053094920
1.2520	0.94961337	0.31342376	3.029806529	0.330054078	3.190568539	1.053060157
1.2521	0.94964470	0.31332880	3.030824810	0.329943188	3.191535528	1.053025407
1.2522	0.94967603	0.31323383	3.031843709	0.329832305	3.192503136	1.052990669
1.2523	0.94970735	0.31313887	3.032863225	0.329721430	3.193471363	1.052955945
1.2524	0.94973866	0.31304389	3.033883361	0.329610562	3.194440209	1.052921233
1.2525	0.94976996	0.31294892	3.034904115	0.329499701	3.195409675	1.052886534
1.2526	0.94980125	0.31285394	3.035925489	0.329388848	3.196379761	1.052851848
1.2527	0.94983253	0.31275896	3.036947484	0.329278002	3.197350469	1.052817174
1.2528	0.94986380	0.31266397	3.037970100	0.329167163	3.198321798	1.052782514
1.2529	0.94989506	0.31256898	3.038993337	0.329056332	3.199293750	1.052747866
1.2530	0.94992631	0.31247399	3.040017196	0.328945508	3.200266325	1.052713231
1.2531	0.94995756	0.31237900	3.041041678	0.328834691	3.201239523	1.052678609
1.2532	0.94998879	0.31228400	3.042066783	0.328723881	3.202213346	1.052644000
1.2533	0.95002001	0.31218900	3.043092512	0.328613079	3.203187793	1.052609403
1.2534	0.95005123	0.31209400	3.044118866	0.328502284	3.204162865	1.052574819
1.2535	0.95008243	0.31199899	3.045145844	0.328391496	3.205138564	1.052540249
1.2536	0.95011363	0.31190398	3.046173448	0.328280716	3.206114888	1.052505690
1.2537	0.95014481	0.31180897	3.047201679	0.328169943	3.207091840	1.052471145
1.2538	0.95017599	0.31171395	3.048230536	0.328059177	3.208069420	1.052436613
1.2539	0.95020716	0.31161893	3.049260021	0.327948418	3.209047628	1.052402093
1.2540	0.95023831	0.31152391	3.050290134	0.327837667	3.210026464	1.052367586
1.2541	0.95026946	0.31142889	3.051320875	0.327726923	3.211005930	1.052333092
1.2542	0.95030060	0.31133386	3.052352246	0.327616186	3.211986026	1.052298610
1.2543	0.95033173	0.31123883	3.053384246	0.327505456	3.212966753	1.052264142
1.2544	0.95036285	0.31114379	3.054416877	0.327394734	3.213948111	1.052229686
1.2545	0.95039396	0.31104875	3.055450139	0.327284019	3.214930101	1.052195243
1.2546	0.95042506	0.31095371	3.056484032	0.327173311	3.215912723	1.052160812
1.2547	0.95045615	0.31085867	3.057518558	0.327062610	3.216895978	1.052126395
1.2548	0.95048723	0.31076362	3.058553717	0.326951917	3.217879867	1.052091990
1.2549	0.95051830	0.31066857	3.059589508	0.326841231	3.218864390	1.052057598

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
1.2550	0.95054936	0.31057352	3.060625934	0.326730552	3.219849548	1.052023219
1.2551	0.95058041	0.31047846	3.061662995	0.326619880	3.220835341	1.051988853
1.2552	0.95061146	0.31038340	3.062700691	0.326509216	3.221821770	1.051954499
1.2553	0.95064249	0.31028834	3.063739022	0.326398558	3.222808836	1.051920158
1.2554	0.95067352	0.31019327	3.064777990	0.326287908	3.223796540	1.051885830
1.2555	0.95070453	0.31009820	3.065817595	0.326177266	3.224784881	1.051851515
1.2556	0.95073554	0.31000313	3.066857838	0.326066630	3.225773860	1.051817212
1.2557	0.95076653	0.30990806	3.067898719	0.325956002	3.226763479	1.051782922
1.2558	0.95079752	0.30981298	3.068940239	0.325845381	3.227753737	1.051748645
1.2559	0.95082849	0.30971790	3.069982398	0.325734767	3.228744636	1.051714381
1.2560	0.95085946	0.30962281	3.071025197	0.325624160	3.229736175	1.051680129
1.2561	0.95089042	0.30952773	3.072068637	0.325513560	3.230728356	1.051645890
1.2562	0.95092137	0.30943263	3.073112718	0.325402968	3.231721179	1.051611664
1.2563	0.95095230	0.30933754	3.074157442	0.325292383	3.232714645	1.051577451
1.2564	0.95098323	0.30924244	3.075202807	0.325181805	3.233708754	1.051543250
1.2565	0.95101415	0.30914734	3.076248816	0.325071234	3.234703507	1.051509062
1.2566	0.95104506	0.30905224	3.077295469	0.324960671	3.235698905	1.051474887
1.2567	0.95107596	0.30895714	3.078342766	0.324850114	3.236694948	1.051440724
1.2568	0.95110685	0.30886203	3.079390708	0.324739565	3.237691636	1.051406575
1.2569	0.95113774	0.30876691	3.080439296	0.324629023	3.238688972	1.051372438
1.2570	0.95116861	0.30867180	3.081488530	0.324518489	3.239686954	1.051338313
1.2571	0.95119947	0.30857668	3.082538410	0.324407961	3.240685583	1.051304202
1.2572	0.95123032	0.30848156	3.083588938	0.324297440	3.241684861	1.051270103
1.2573	0.95126117	0.30838643	3.084640115	0.324186927	3.242684788	1.051236017
1.2574	0.95129200	0.30829131	3.085691939	0.324076421	3.243685365	1.051201944
1.2575	0.95132282	0.30819618	3.086744414	0.323965922	3.244686591	1.051167883
1.2576	0.95135364	0.30810104	3.087797538	0.323855430	3.245688469	1.051133835
1.2577	0.95138445	0.30800591	3.088851313	0.323744946	3.246690997	1.051099800
1.2578	0.95141524	0.30791077	3.089905739	0.323634468	3.247694178	1.051065778
1.2579	0.95144603	0.30781562	3.090960816	0.323523998	3.248698011	1.051031768
1.2580	0.95147680	0.30772048	3.092016547	0.323413534	3.249702498	1.050997771
1.2581	0.95150757	0.30762533	3.093072930	0.323303078	3.250707638	1.050963786
1.2582	0.95153833	0.30753017	3.094129967	0.323192630	3.251713433	1.050929815
1.2583	0.95156908	0.30743502	3.095187658	0.323082188	3.252719883	1.050895856
1.2584	0.95159982	0.30733986	3.096246004	0.322971753	3.253726989	1.050861910
1.2585	0.95163055	0.30724470	3.097305006	0.322861326	3.254734751	1.050827976
1.2586	0.95166127	0.30714953	3.098364664	0.322750905	3.255743171	1.050794055
1.2587	0.95169198	0.30705437	3.099424979	0.322640492	3.256752247	1.050760147
1.2588	0.95172268	0.30695920	3.100485951	0.322530086	3.257761983	1.050726252
1.2589	0.95175337	0.30686402	3.101547582	0.322419687	3.258772377	1.050692369
1.2590	0.95178405	0.30676885	3.102609871	0.322309295	3.259783430	1.050658499
1.2591	0.95181472	0.30667367	3.103672820	0.322198910	3.260795144	1.050624642
1.2592	0.95184538	0.30657848	3.104736428	0.322088532	3.261807519	1.050590797
1.2593	0.95187604	0.30648330	3.105800698	0.321978162	3.262820555	1.050556965
1.2594	0.95190668	0.30638811	3.106865628	0.321867799	3.263834253	1.050523146
1.2595	0.95193731	0.30629292	3.107931221	0.321757442	3.264848614	1.050489339
1.2596	0.95196794	0.30619772	3.108997476	0.321647093	3.265863638	1.050455545
1.2597	0.95199855	0.30610252	3.110064394	0.321536751	3.266879327	1.050421764
1.2598	0.95202916	0.30600732	3.111131976	0.321426416	3.267895680	1.050387995
1.2599	0.95205976	0.30591212	3.112200223	0.321316088	3.268912698	1.050354239

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
1.2600	0.95209034	0.30581691	3.113269134	0.321205767	3.269930382	1.050320496
1.2601	0.95212092	0.30572170	3.114338712	0.321095453	3.270948733	1.050286766
1.2602	0.95215149	0.30562648	3.115408956	0.320985146	3.271967751	1.050253048
1.2603	0.95218204	0.30553127	3.116479867	0.320874847	3.272987436	1.050219343
1.2604	0.95221259	0.30543605	3.117551445	0.320764554	3.274007791	1.050185650
1.2605	0.95224313	0.30534083	3.118623692	0.320654269	3.275028814	1.050151970
1.2606	0.95227366	0.30524560	3.119696608	0.320543991	3.276050507	1.050118303
1.2607	0.95230418	0.30515037	3.120770194	0.320433719	3.277072871	1.050084648
1.2608	0.95233469	0.30505514	3.121844450	0.320323455	3.278095906	1.050051006
1.2609	0.95236519	0.30495990	3.122919377	0.320213198	3.279119612	1.050017377
1.2610	0.95239568	0.30486467	3.123994975	0.320102948	3.280143991	1.049983760
1.2611	0.95242616	0.30476942	3.125071246	0.319992705	3.281169043	1.049950156
1.2612	0.95245664	0.30467418	3.126148189	0.319882469	3.282194769	1.049916565
1.2613	0.95248710	0.30457893	3.127225806	0.319772240	3.283221169	1.049882986
1.2614	0.95251755	0.30448368	3.128304098	0.319662018	3.284248244	1.049849420
1.2615	0.95254800	0.30438843	3.129383064	0.319551803	3.285275995	1.049815867
1.2616	0.95257843	0.30429317	3.130462706	0.319441595	3.286304422	1.049782326
1.2617	0.95260885	0.30419791	3.131543023	0.319331394	3.287333525	1.049748798
1.2618	0.95263927	0.30410265	3.132624018	0.319221201	3.288363307	1.049715283
1.2619	0.95266967	0.30400739	3.133705690	0.319111014	3.289393767	1.049681780
1.2620	0.95270007	0.30391212	3.134788041	0.319000834	3.290424906	1.049648290
1.2621	0.95273046	0.30381685	3.135871070	0.318890662	3.291456724	1.049614812
1.2622	0.95276083	0.30372157	3.136954778	0.318780496	3.292489223	1.049581347
1.2623	0.95279120	0.30362629	3.138039167	0.318670337	3.293522402	1.049547895
1.2624	0.95282156	0.30353101	3.139124237	0.318560186	3.294556263	1.049514455
1.2625	0.95285191	0.30343573	3.140209987	0.318450041	3.295590807	1.049481028
1.2626	0.95288225	0.30334044	3.141296421	0.318339904	3.296626033	1.049447614
1.2627	0.95291258	0.30324515	3.142383536	0.318229773	3.297661943	1.049414212
1.2628	0.95294290	0.30314986	3.143471336	0.318119650	3.298698537	1.049380823
1.2629	0.95297321	0.30305456	3.144559819	0.318009533	3.299735816	1.049347446
1.2630	0.95300351	0.30295927	3.145648987	0.317899424	3.300773781	1.049314082
1.2631	0.95303380	0.30286396	3.146738841	0.317789321	3.301812431	1.049280731
1.2632	0.95306408	0.30276866	3.147829380	0.317679226	3.302851769	1.049247392
1.2633	0.95309435	0.30267335	3.148920607	0.317569137	3.303891794	1.049214066
1.2634	0.95312461	0.30257804	3.150012521	0.317459056	3.304932508	1.049180753
1.2635	0.95315487	0.30248273	3.151105123	0.317348981	3.305973910	1.049147452
1.2636	0.95318511	0.30238741	3.152198414	0.317238914	3.307016002	1.049114164
1.2637	0.95321534	0.30229209	3.153292394	0.317128853	3.308058785	1.049080888
1.2638	0.95324557	0.30219677	3.154387065	0.317018799	3.309102258	1.049047625
1.2639	0.95327578	0.30210144	3.155482426	0.316908753	3.310146423	1.049014374
1.2640	0.95330599	0.30200611	3.156578479	0.316798713	3.311191280	1.048981136
1.2641	0.95333619	0.30191078	3.157675224	0.316688680	3.312236830	1.048947911
1.2642	0.95336637	0.30181544	3.158772661	0.316578655	3.313283074	1.048914698
1.2643	0.95339655	0.30172011	3.159870793	0.316468636	3.314330012	1.048881498
1.2644	0.95342672	0.30162476	3.160969618	0.316358624	3.315377645	1.048848311
1.2645	0.95345687	0.30152942	3.162069139	0.316248620	3.316425974	1.048815136
1.2646	0.95348702	0.30143407	3.163169355	0.316138622	3.317474999	1.048781974
1.2647	0.95351716	0.30133872	3.164270267	0.316028631	3.318524721	1.048748824
1.2648	0.95354729	0.30124337	3.165371876	0.315918647	3.319575141	1.048715687
1.2649	0.95357741	0.30114801	3.166474183	0.315808670	3.320626259	1.048682562

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
1.2650	0.95360752	0.30105265	3.167577188	0.315698700	3.321678076	1.048649450
1.2651	0.95363762	0.30095729	3.168680892	0.315588737	3.322730594	1.048616351
1.2652	0.95366771	0.30086193	3.169785296	0.315478781	3.323783811	1.048583264
1.2653	0.95369779	0.30076656	3.170890400	0.315368831	3.324837730	1.048550189
1.2654	0.95372786	0.30067119	3.171996206	0.315258889	3.325892351	1.048517128
1.2655	0.95375793	0.30057581	3.173102713	0.315148954	3.326947674	1.048484079
1.2656	0.95378798	0.30048044	3.174209922	0.315039025	3.328003700	1.048451042
1.2657	0.95381802	0.30038505	3.175317835	0.314929104	3.329060431	1.048418018
1.2658	0.95384806	0.30028967	3.176426451	0.314819189	3.330117866	1.048385007
1.2659	0.95387808	0.30019429	3.177535772	0.314709282	3.331176006	1.048352008
1.2660	0.95390809	0.30009890	3.178645798	0.314599381	3.332234852	1.048319021
1.2661	0.95393810	0.30000350	3.179756530	0.314489487	3.333294405	1.048286048
1.2662	0.95396810	0.29990811	3.180867968	0.314379600	3.334354665	1.048253086
1.2663	0.95399808	0.29981271	3.181980114	0.314269720	3.335415633	1.048220138
1.2664	0.95402806	0.29971731	3.183092968	0.314159847	3.336477311	1.048187202
1.2665	0.95405802	0.29962190	3.184206531	0.314049981	3.337539697	1.048154278
1.2666	0.95408798	0.29952650	3.185320803	0.313940122	3.338602794	1.048121367
1.2667	0.95411793	0.29943109	3.186435785	0.313830269	3.339666602	1.048088469
1.2668	0.95414787	0.29933567	3.187551477	0.313720424	3.340731121	1.048055583
1.2669	0.95417780	0.29924026	3.188667882	0.313610585	3.341796352	1.048022709
1.2670	0.95420772	0.29914484	3.189784998	0.313500753	3.342862297	1.047989848
1.2671	0.95423763	0.29904942	3.190902828	0.313390929	3.343928955	1.047957000
1.2672	0.95426753	0.29895399	3.192021371	0.313281111	3.344996327	1.047924164
1.2673	0.95429742	0.29885856	3.193140628	0.313171300	3.346064415	1.047891341
1.2674	0.95432730	0.29876313	3.194260600	0.313061495	3.347133219	1.047858530
1.2675	0.95435717	0.29866770	3.195381288	0.312951698	3.348202739	1.047825732
1.2676	0.95438703	0.29857226	3.196502693	0.312841908	3.349272976	1.047792947
1.2677	0.95441688	0.29847682	3.197624815	0.312732124	3.350343931	1.047760174
1.2678	0.95444673	0.29838138	3.198747654	0.312622347	3.351415605	1.047727413
1.2679	0.95447656	0.29828593	3.199871212	0.312512577	3.352487998	1.047694665
1.2680	0.95450638	0.29819048	3.200995489	0.312402814	3.353561111	1.047661929
1.2681	0.95453620	0.29809503	3.202120487	0.312293058	3.354634945	1.047629206
1.2682	0.95456600	0.29799957	3.203246205	0.312183309	3.355709500	1.047596496
1.2683	0.95459580	0.29790412	3.204372644	0.312073567	3.356784778	1.047563798
1.2684	0.95462558	0.29780865	3.205499806	0.311963831	3.357860778	1.047531113
1.2685	0.95465536	0.29771319	3.206627690	0.311854102	3.358937502	1.047498440
1.2686	0.95468513	0.29761772	3.207756298	0.311744380	3.360014951	1.047465779
1.2687	0.95471488	0.29752225	3.208885631	0.311634665	3.361093124	1.047433131
1.2688	0.95474463	0.29742678	3.210015688	0.311524957	3.362172024	1.047400496
1.2689	0.95477437	0.29733130	3.211146471	0.311415256	3.363251650	1.047367873
1.2690	0.95480410	0.29723583	3.212277981	0.311305561	3.364332003	1.047335263
1.2691	0.95483382	0.29714034	3.213410217	0.311195874	3.365413084	1.047302665
1.2692	0.95486353	0.29704486	3.214543182	0.311086193	3.366494893	1.047270079
1.2693	0.95489322	0.29694937	3.215676875	0.310976519	3.367577433	1.047237507
1.2694	0.95492292	0.29685388	3.216811298	0.310866852	3.368660702	1.047204946
1.2695	0.95495260	0.29675839	3.217946450	0.310757191	3.369744702	1.047172398
1.2696	0.95498227	0.29666289	3.219082334	0.310647538	3.370829434	1.047139863
1.2697	0.95501193	0.29656739	3.220218949	0.310537891	3.371914898	1.047107340
1.2698	0.95504158	0.29647189	3.221356296	0.310428251	3.373001095	1.047074830
1.2699	0.95507122	0.29637638	3.222494376	0.310318618	3.374088026	1.047042332

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
1.2700	0.95510086	0.29628087	3.223633190	0.310208991	3.375175691	1.047009846
1.2701	0.95513048	0.29618536	3.224772739	0.310099372	3.376264092	1.046977373
1.2702	0.95516009	0.29608985	3.225913022	0.309989759	3.377353228	1.046944913
1.2703	0.95518970	0.29599433	3.227054042	0.309880153	3.378443101	1.046912465
1.2704	0.95521929	0.29589881	3.228195798	0.309770554	3.379533712	1.046880029
1.2705	0.95524888	0.29580329	3.229338292	0.309660961	3.380625061	1.046847606
1.2706	0.95527845	0.29570776	3.230481524	0.309551376	3.381717149	1.046815196
1.2707	0.95530802	0.29561223	3.231625494	0.309441797	3.382809976	1.046782798
1.2708	0.95533757	0.29551670	3.232770204	0.309332225	3.383903544	1.046750412
1.2709	0.95536712	0.29542116	3.233915655	0.309222660	3.384997853	1.046718039
1.2710	0.95539666	0.29532562	3.235061847	0.309113101	3.386092904	1.046685678
1.2711	0.95542619	0.29523008	3.236208780	0.309003549	3.387188697	1.046653330
1.2712	0.95545570	0.29513454	3.237356456	0.308894005	3.388285234	1.046620994
1.2713	0.95548521	0.29503899	3.238504876	0.308784466	3.389382515	1.046588671
1.2714	0.95551471	0.29494344	3.239654039	0.308674935	3.390480540	1.046556360
1.2715	0.95554420	0.29484789	3.240803948	0.308565410	3.391579312	1.046524062
1.2716	0.95557368	0.29475233	3.241954602	0.308455892	3.392678829	1.046491776
1.2717	0.95560315	0.29465677	3.243106002	0.308346381	3.393779094	1.046459503
1.2718	0.95563261	0.29456121	3.244258149	0.308236877	3.394880107	1.046427242
1.2719	0.95566206	0.29446565	3.245411044	0.308127379	3.395981868	1.046394993
1.2720	0.95569151	0.29437008	3.246564688	0.308017888	3.397084378	1.046362757
1.2721	0.95572094	0.29427451	3.247719081	0.307908404	3.398187639	1.046330534
1.2722	0.95575036	0.29417894	3.248874224	0.307798927	3.399291650	1.046298322
1.2723	0.95577977	0.29408336	3.250030118	0.307689456	3.400396413	1.046266124
1.2724	0.95580918	0.29398778	3.251186764	0.307579992	3.401501929	1.046233937
1.2725	0.95583857	0.29389220	3.252344161	0.307470535	3.402608197	1.046201764
1.2726	0.95586796	0.29379661	3.253502312	0.307361085	3.403715220	1.046169602
1.2727	0.95589733	0.29370102	3.254661217	0.307251641	3.404822997	1.046137453
1.2728	0.95592670	0.29360543	3.255820877	0.307142204	3.405931529	1.046105317
1.2729	0.95595605	0.29350984	3.256981291	0.307032774	3.407040818	1.046073193
1.2730	0.95598540	0.29341424	3.258142462	0.306923350	3.408150863	1.046041081
1.2731	0.95601474	0.29331864	3.259304390	0.306813933	3.409261666	1.046008982
1.2732	0.95604406	0.29322304	3.260467076	0.306704523	3.410373227	1.045976895
1.2733	0.95607338	0.29312743	3.261630519	0.306595120	3.411485548	1.045944820
1.2734	0.95610269	0.29303182	3.262794723	0.306485723	3.412598629	1.045912759
1.2735	0.95613199	0.29293621	3.263959686	0.306376333	3.413712470	1.045880709
1.2736	0.95616128	0.29284060	3.265125409	0.306266950	3.414827073	1.045848672
1.2737	0.95619055	0.29274498	3.266291895	0.306157573	3.415942438	1.045816647
1.2738	0.95621982	0.29264936	3.267459142	0.306048203	3.417058566	1.045784635
1.2739	0.95624908	0.29255374	3.268627153	0.305938840	3.418175458	1.045752635
1.2740	0.95627834	0.29245811	3.269795927	0.305829484	3.419293115	1.045720648
1.2741	0.95630758	0.29236248	3.270965466	0.305720134	3.420411537	1.045688673
1.2742	0.95633681	0.29226685	3.272135770	0.305610791	3.421530725	1.045656710
1.2743	0.95636603	0.29217121	3.273306841	0.305501454	3.422650680	1.045624760
1.2744	0.95639524	0.29207557	3.274478678	0.305392124	3.423771402	1.045592822
1.2745	0.95642444	0.29197993	3.275651283	0.305282801	3.424892893	1.045560897
1.2746	0.95645364	0.29188429	3.276824657	0.305173485	3.426015153	1.045528984
1.2747	0.95648282	0.29178864	3.277998799	0.305064175	3.427138184	1.045497083
1.2748	0.95651200	0.29169299	3.279173712	0.304954872	3.428261985	1.045465195
1.2749	0.95654116	0.29159734	3.280349396	0.304845576	3.429386557	1.045433319

x	sin(x)	cos(x)	tan(x)	cot(x)	sec(x)	csc(x)
1.2750	0.95657032	0.29150169	3.281525851	0.304736286	3.430511902	1.045401456
1.2751	0.95659946	0.29140603	3.282703078	0.304627003	3.431638020	1.045369605
1.2752	0.95662860	0.29131037	3.283881079	0.304517726	3.432764912	1.045337766
1.2753	0.95665772	0.29121470	3.285059854	0.304408457	3.433892579	1.045305940
1.2754	0.95668684	0.29111903	3.286239403	0.304299194	3.435021021	1.045274126
1.2755	0.95671595	0.29102336	3.287419728	0.304189937	3.436150239	1.045242325
1.2756	0.95674504	0.29092769	3.288600829	0.304080687	3.437280235	1.045210536
1.2757	0.95677413	0.29083201	3.289782707	0.303971444	3.438411008	1.045178759
1.2758	0.95680321	0.29073634	3.290965363	0.303862207	3.439542560	1.045146995
1.2759	0.95683228	0.29064065	3.292148798	0.303752978	3.440674891	1.045115243
1.2760	0.95686134	0.29054497	3.293333012	0.303643754	3.441808003	1.045083504
1.2761	0.95689039	0.29044928	3.294518007	0.303534538	3.442941896	1.045051776
1.2762	0.95691943	0.29035359	3.295703782	0.303425328	3.444076570	1.045020062
1.2763	0.95694846	0.29025790	3.296890340	0.303316124	3.445212027	1.044988359
1.2764	0.95697748	0.29016220	3.298077680	0.303206928	3.446348268	1.044956669
1.2765	0.95700649	0.29006650	3.299265803	0.303097737	3.447485292	1.044924992
1.2766	0.95703549	0.28997080	3.300454711	0.302988554	3.448623102	1.044893327
1.2767	0.95706449	0.28987510	3.301644404	0.302879377	3.449761697	1.044861674
1.2768	0.95709347	0.28977939	3.302834882	0.302770207	3.450901079	1.044830033
1.2769	0.95712244	0.28968368	3.304026148	0.302661043	3.452041249	1.044798405
1.2770	0.95715140	0.28958796	3.305218200	0.302551886	3.453182207	1.044766789
1.2771	0.95718036	0.28949225	3.306411041	0.302442735	3.454323953	1.044735186
1.2772	0.95720930	0.28939653	3.307604671	0.302333592	3.455466490	1.044703595
1.2773	0.95723824	0.28930080	3.308799091	0.302224454	3.456609817	1.044672016
1.2774	0.95726716	0.28920508	3.309994302	0.302115324	3.457753936	1.044640450
1.2775	0.95729608	0.28910935	3.311190304	0.302006200	3.458898846	1.044608896
1.2776	0.95732499	0.28901362	3.312387099	0.301897082	3.460044550	1.044577354
1.2777	0.95735388	0.28891789	3.313584686	0.301787971	3.461191048	1.044545825
1.2778	0.95738277	0.28882215	3.314783068	0.301678867	3.462338341	1.044514308
1.2779	0.95741165	0.28872641	3.315982244	0.301569769	3.463486429	1.044482803
1.2780	0.95744051	0.28863067	3.317182215	0.301460678	3.464635313	1.044451311
1.2781	0.95746937	0.28853492	3.318382984	0.301351594	3.465784994	1.044419831
1.2782	0.95749822	0.28843917	3.319584549	0.301242516	3.466935473	1.044388363
1.2783	0.95752706	0.28834342	3.320786912	0.301133444	3.468086751	1.044356908
1.2784	0.95755589	0.28824767	3.321990074	0.301024379	3.469238829	1.044325465
1.2785	0.95758471	0.28815191	3.323194036	0.300915321	3.470391707	1.044294034
1.2786	0.95761352	0.28805615	3.324398798	0.300806269	3.471545386	1.044262616
1.2787	0.95764232	0.28796039	3.325604362	0.300697224	3.472699868	1.044231210
1.2788	0.95767111	0.28786462	3.326810727	0.300588185	3.473855152	1.044199817
1.2789	0.95769989	0.28776885	3.328017896	0.300479153	3.475011240	1.044168435
1.2790	0.95772867	0.28767308	3.329225868	0.300370128	3.476168132	1.044137067
1.2791	0.95775743	0.28757731	3.330434645	0.300261109	3.477325830	1.044105710
1.2792	0.95778618	0.28748153	3.331644228	0.300152097	3.478484334	1.044074366
1.2793	0.95781492	0.28738575	3.332854616	0.300043091	3.479643644	1.044043034
1.2794	0.95784366	0.28728997	3.334065812	0.299934091	3.480803763	1.044011714
1.2795	0.95787238	0.28719418	3.335277815	0.299825099	3.481964690	1.043980407
1.2796	0.95790110	0.28709839	3.336490628	0.299716112	3.483126427	1.043949112
1.2797	0.95792980	0.28700260	3.337704250	0.299607133	3.484288974	1.043917829
1.2798	0.95795850	0.28690681	3.338918682	0.299498160	3.485452333	1.043886559
1.2799	0.95798718	0.28681101	3.340133925	0.299389193	3.486616503	1.043855301

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
1.2800	0.95801586	0.28671521	3.341349981	0.299280233	3.487781486	1.043824055
1.2801	0.95804453	0.28661941	3.342566850	0.299171279	3.488947283	1.043792822
1.2802	0.95807318	0.28652360	3.343784532	0.299062332	3.490113895	1.043761600
1.2803	0.95810183	0.28642779	3.345003029	0.298953391	3.491281321	1.043730392
1.2804	0.95813047	0.28633198	3.346222341	0.298844457	3.492449564	1.043699195
1.2805	0.95815910	0.28623617	3.347442470	0.298735530	3.493618624	1.043668011
1.2806	0.95818772	0.28614035	3.348663416	0.298626609	3.494788502	1.043636839
1.2807	0.95821633	0.28604453	3.349885180	0.298517694	3.495959198	1.043605679
1.2808	0.95824493	0.28594871	3.351107762	0.298408786	3.497130715	1.043574532
1.2809	0.95827352	0.28585288	3.352331165	0.298299885	3.498303051	1.043543397
1.2810	0.95830210	0.28575705	3.353555387	0.298190990	3.499476209	1.043512274
1.2811	0.95833067	0.28566122	3.354780432	0.298082101	3.500650189	1.043481164
1.2812	0.95835923	0.28556538	3.356006298	0.297973219	3.501824992	1.043450066
1.2813	0.95838778	0.28546955	3.357232988	0.297864344	3.503000618	1.043418980
1.2814	0.95841632	0.28537371	3.358460501	0.297755474	3.504177070	1.043387906
1.2815	0.95844486	0.28527786	3.359688839	0.297646612	3.505354347	1.043356845
1.2816	0.95847338	0.28518202	3.360918003	0.297537756	3.506532450	1.043325796
1.2817	0.95850189	0.28508617	3.362147993	0.297428906	3.507711381	1.043294759
1.2818	0.95853040	0.28499032	3.363378811	0.297320063	3.508891139	1.043263735
1.2819	0.95855889	0.28489446	3.364610457	0.297211226	3.510071727	1.043232722
1.2820	0.95858737	0.28479861	3.365842932	0.297102396	3.511253144	1.043201722
1.2821	0.95861585	0.28470275	3.367076237	0.296993572	3.512435393	1.043170735
1.2822	0.95864431	0.28460688	3.368310373	0.296884755	3.513618472	1.043139759
1.2823	0.95867277	0.28451102	3.369545340	0.296775944	3.514802384	1.043108796
1.2824	0.95870122	0.28441515	3.370781140	0.296667140	3.515987130	1.043077846
1.2825	0.95872965	0.28431928	3.372017774	0.296558342	3.517172709	1.043046907
1.2826	0.95875808	0.28422340	3.373255241	0.296449550	3.518359124	1.043015981
1.2827	0.95878650	0.28412752	3.374493544	0.296340765	3.519546374	1.042985067
1.2828	0.95881491	0.28403164	3.375732683	0.296231987	3.520734461	1.042954165
1.2829	0.95884330	0.28393576	3.376972659	0.296123215	3.521923386	1.042923275
1.2830	0.95887169	0.28383988	3.378213472	0.296014449	3.523113150	1.042892398
1.2831	0.95890007	0.28374399	3.379455124	0.295905690	3.524303752	1.042861533
1.2832	0.95892844	0.28364810	3.380697616	0.295796937	3.525495195	1.042830680
1.2833	0.95895680	0.28355220	3.381940948	0.295688191	3.526687479	1.042799840
1.2834	0.95898515	0.28345630	3.383185121	0.295579451	3.527880605	1.042769012
1.2835	0.95901349	0.28336040	3.384430137	0.295470717	3.529074574	1.042738196
1.2836	0.95904182	0.28326450	3.385675995	0.295361990	3.530269387	1.042707392
1.2837	0.95907015	0.28316860	3.386922697	0.295253270	3.531465044	1.042676600
1.2838	0.95909846	0.28307269	3.388170244	0.295144555	3.532661547	1.042645821
1.2839	0.95912676	0.28297678	3.389418637	0.295035847	3.533858896	1.042615054
1.2840	0.95915505	0.28288086	3.390667876	0.294927146	3.535057093	1.042584299
1.2841	0.95918334	0.28278495	3.391917963	0.294818451	3.536256137	1.042553557
1.2842	0.95921161	0.28268903	3.393168898	0.294709762	3.537456031	1.042522827
1.2843	0.95923988	0.28259310	3.394420682	0.294601080	3.538656775	1.042492109
1.2844	0.95926813	0.28249718	3.395673317	0.294492405	3.539858369	1.042461403
1.2845	0.95929637	0.28240125	3.396926802	0.294383735	3.541060816	1.042430709
1.2846	0.95932461	0.28230532	3.398181139	0.294275072	3.542264114	1.042400028
1.2847	0.95935284	0.28220938	3.399436329	0.294166416	3.543468267	1.042369359
1.2848	0.95938105	0.28211345	3.400692373	0.294057765	3.544673274	1.042338702
1.2849	0.95940926	0.28201751	3.401949271	0.293949122	3.545879136	1.042308057

x	sin(x)	cos(x)	tan(x)	cot(x)	sec(x)	csc(x)
1.2850	0.95943746	0.28192157	3.403207025	0.293840484	3.547085854	1.042277425
1.2851	0.95946564	0.28182562	3.404465635	0.293731853	3.548293430	1.042246805
1.2852	0.95949382	0.28172967	3.405725103	0.293623228	3.549501863	1.042216197
1.2853	0.95952199	0.28163372	3.406985428	0.293514610	3.550711155	1.042185601
1.2854	0.95955015	0.28153777	3.408246613	0.293405998	3.551921308	1.042155017
1.2855	0.95957830	0.28144181	3.409508658	0.293297393	3.553132320	1.042124446
1.2856	0.95960644	0.28134585	3.410771563	0.293188794	3.554344195	1.042093887
1.2857	0.95963457	0.28124989	3.412035331	0.293080201	3.555556932	1.042063340
1.2858	0.95966269	0.28115393	3.413299961	0.292971614	3.556770532	1.042032805
1.2859	0.95969080	0.28105796	3.414565454	0.292863034	3.557984997	1.042002283
1.2860	0.95971890	0.28096199	3.415831812	0.292754461	3.559200327	1.041971772
1.2861	0.95974699	0.28086601	3.417099036	0.292645893	3.560416523	1.041941274
1.2862	0.95977507	0.28077004	3.418367126	0.292537332	3.561633587	1.041910788
1.2863	0.95980314	0.28067406	3.419636083	0.292428778	3.562851518	1.041880315
1.2864	0.95983121	0.28057808	3.420905908	0.292320229	3.564070318	1.041849853
1.2865	0.95985926	0.28048209	3.422176603	0.292211688	3.565289988	1.041819404
1.2866	0.95988730	0.28038611	3.423448167	0.292103152	3.566510529	1.041788967
1.2867	0.95991534	0.28029012	3.424720602	0.291994623	3.567731941	1.041758542
1.2868	0.95994336	0.28019412	3.425993910	0.291886100	3.568954226	1.041728129
1.2869	0.95997137	0.28009813	3.427268090	0.291777583	3.570177385	1.041697729
1.2870	0.95999938	0.28000213	3.428543143	0.291669073	3.571401418	1.041667340
1.2871	0.96002737	0.27990613	3.429819072	0.291560569	3.572626326	1.041636964
1.2872	0.96005536	0.27981012	3.431095875	0.291452071	3.573852110	1.041606600
1.2873	0.96008334	0.27971412	3.432373556	0.291343580	3.575078772	1.041576249
1.2874	0.96011130	0.27961811	3.433652113	0.291235095	3.576306312	1.041545909
1.2875	0.96013926	0.27952209	3.434931549	0.291126617	3.577534731	1.041515582
1.2876	0.96016721	0.27942608	3.436211865	0.291018144	3.578764029	1.041485266
1.2877	0.96019515	0.27933006	3.437493060	0.290909678	3.579994209	1.041454963
1.2878	0.96022307	0.27923404	3.438775137	0.290801219	3.581225271	1.041424673
1.2879	0.96025099	0.27913802	3.440058095	0.290692765	3.582457215	1.041394394
1.2880	0.96027890	0.27904199	3.441341937	0.290584318	3.583690043	1.041364127
1.2881	0.96030680	0.27894596	3.442626662	0.290475877	3.584923756	1.041333873
1.2882	0.96033469	0.27884993	3.443912273	0.290367443	3.586158354	1.041303631
1.2883	0.96036257	0.27875389	3.445198769	0.290259015	3.587393839	1.041273401
1.2884	0.96039044	0.27865786	3.446486152	0.290150593	3.588630212	1.041243183
1.2885	0.96041830	0.27856182	3.447774423	0.290042177	3.589867472	1.041212978
1.2886	0.96044615	0.27846577	3.449063582	0.289933768	3.591105623	1.041182784
1.2887	0.96047400	0.27836973	3.450353631	0.289825365	3.592344663	1.041152603
1.2888	0.96050183	0.27827368	3.451644570	0.289716968	3.593584595	1.041122434
1.2889	0.96052965	0.27817763	3.452936401	0.289608578	3.594825419	1.041092277
1.2890	0.96055746	0.27808157	3.454229125	0.289500194	3.596067136	1.041062132
1.2891	0.96058527	0.27798551	3.455522741	0.289391816	3.597309747	1.041031999
1.2892	0.96061306	0.27788945	3.456817252	0.289283444	3.598553253	1.041001878
1.2893	0.96064084	0.27779339	3.458112659	0.289175079	3.599797656	1.040971770
1.2894	0.96066862	0.27769733	3.459408961	0.289066720	3.601042955	1.040941674
1.2895	0.96069638	0.27760126	3.460706161	0.288958367	3.602289152	1.040911590
1.2896	0.96072414	0.27750519	3.462004259	0.288850020	3.603536248	1.040881518
1.2897	0.96075188	0.27740911	3.463303256	0.288741680	3.604784244	1.040851458
1.2898	0.96077962	0.27731304	3.464603153	0.288633346	3.606033140	1.040821410
1.2899	0.96080735	0.27721696	3.465903952	0.288525018	3.607282939	1.040791375

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
1.2900	0.96083506	0.27712088	3.467205652	0.288416696	3.608533640	1.040761352
1.2901	0.96086277	0.27702479	3.468508255	0.288308381	3.609785245	1.040731340
1.2902	0.96089047	0.27692870	3.469811762	0.288200072	3.611037754	1.040701341
1.2903	0.96091816	0.27683261	3.471116174	0.288091769	3.612291169	1.040671354
1.2904	0.96094584	0.27673652	3.472421492	0.287983473	3.613545491	1.040641379
1.2905	0.96097350	0.27664042	3.473727716	0.287875182	3.614800720	1.040611417
1.2906	0.96100116	0.27654432	3.475034849	0.287766898	3.616056858	1.040581466
1.2907	0.96102881	0.27644822	3.476342890	0.287658620	3.617313905	1.040551528
1.2908	0.96105645	0.27635212	3.477651841	0.287550349	3.618571863	1.040521601
1.2909	0.96108408	0.27625601	3.478961703	0.287442083	3.619830732	1.040491687
1.2910	0.96111170	0.27615990	3.480272476	0.287333824	3.621090514	1.040461785
1.2911	0.96113932	0.27606379	3.481584163	0.287225571	3.622351209	1.040431895
1.2912	0.96116692	0.27596767	3.482896762	0.287117325	3.623612818	1.040402018
1.2913	0.96119451	0.27587156	3.484210277	0.287009084	3.624875343	1.040372152
1.2914	0.96122209	0.27577543	3.485524707	0.286900850	3.626138784	1.040342298
1.2915	0.96124966	0.27567931	3.486840054	0.286792622	3.627403143	1.040312457
1.2916	0.96127723	0.27558318	3.488156318	0.286684400	3.628668420	1.040282627
1.2917	0.96130478	0.27548706	3.489473501	0.286576184	3.629934616	1.040252810
1.2918	0.96133232	0.27539092	3.490791603	0.286467974	3.631201732	1.040223005
1.2919	0.96135986	0.27529479	3.492110627	0.286359771	3.632469770	1.040193212
1.2920	0.96138738	0.27519865	3.493430571	0.286251574	3.633738730	1.040163431
1.2921	0.96141490	0.27510251	3.494751438	0.286143383	3.635008613	1.040133662
1.2922	0.96144240	0.27500637	3.496073229	0.286035198	3.636279420	1.040103906
1.2923	0.96146990	0.27491022	3.497395944	0.285927020	3.637551153	1.040074161
1.2924	0.96149739	0.27481408	3.498719585	0.285818848	3.638823812	1.040044429
1.2925	0.96152486	0.27471792	3.500044152	0.285710681	3.640097398	1.040014708
1.2926	0.96155233	0.27462177	3.501369647	0.285602522	3.641371913	1.039985000
1.2927	0.96157979	0.27452561	3.502696071	0.285494368	3.642647356	1.039955304
1.2928	0.96160724	0.27442945	3.504023423	0.285386220	3.643923730	1.039925620
1.2929	0.96163467	0.27433329	3.505351707	0.285278079	3.645201035	1.039895948
1.2930	0.96166210	0.27423713	3.506680922	0.285169943	3.646479273	1.039866288
1.2931	0.96168952	0.27414096	3.508011069	0.285061814	3.647758444	1.039836640
1.2932	0.96171693	0.27404479	3.509342151	0.284953691	3.649038549	1.039807004
1.2933	0.96174433	0.27394862	3.510674166	0.284845575	3.650319589	1.039777381
1.2934	0.96177172	0.27385244	3.512007118	0.284737464	3.651601566	1.039747769
1.2935	0.96179910	0.27375626	3.513341005	0.284629359	3.652884479	1.039718170
1.2936	0.96182647	0.27366008	3.514675831	0.284521261	3.654168332	1.039688582
1.2937	0.96185383	0.27356390	3.516011595	0.284413169	3.655453123	1.039659007
1.2938	0.96188118	0.27346771	3.517348299	0.284305083	3.656738855	1.039629444
1.2939	0.96190853	0.27337152	3.518685943	0.284197003	3.658025528	1.039599893
1.2940	0.96193586	0.27327533	3.520024529	0.284088929	3.659313144	1.039570353
1.2941	0.96196318	0.27317913	3.521364058	0.283980862	3.660601703	1.039540826
1.2942	0.96199049	0.27308294	3.522704530	0.283872800	3.661891207	1.039511312
1.2943	0.96201780	0.27298674	3.524045948	0.283764745	3.663181656	1.039481809
1.2944	0.96204509	0.27289053	3.525388311	0.283656696	3.664473051	1.039452318
1.2945	0.96207238	0.27279433	3.526731621	0.283548653	3.665765394	1.039422839
1.2946	0.96209965	0.27269812	3.528075878	0.283440616	3.667058686	1.039393372
1.2947	0.96212692	0.27260191	3.529421085	0.283332585	3.668352927	1.039363918
1.2948	0.96215417	0.27250569	3.530767241	0.283224560	3.669648118	1.039334475
1.2949	0.96218142	0.27240948	3.532114349	0.283116542	3.670944262	1.039305045

x	sin(x)	cos(x)	tan(x)	cot(x)	sec(x)	csc(x)
1.2950	0.96220865	0.27231326	3.533462408	0.283008529	3.672241358	1.039275626
1.2951	0.96223588	0.27221703	3.534811420	0.282900523	3.673539407	1.039246220
1.2952	0.96226310	0.27212081	3.536161387	0.282792523	3.674838412	1.039216826
1.2953	0.96229030	0.27202458	3.537512308	0.282684529	3.676138372	1.039187444
1.2954	0.96231750	0.27192835	3.538864186	0.282576541	3.677439289	1.039158073
1.2955	0.96234469	0.27183212	3.540217020	0.282468559	3.678741164	1.039128715
1.2956	0.96237187	0.27173588	3.541570813	0.282360583	3.680043998	1.039099369
1.2957	0.96239904	0.27163964	3.542925566	0.282252613	3.681347792	1.039070035
1.2958	0.96242620	0.27154340	3.544281278	0.282144650	3.682652546	1.039040713
1.2959	0.96245334	0.27144716	3.545637952	0.282036692	3.683958263	1.039011403
1.2960	0.96248048	0.27135091	3.546995588	0.281928741	3.685264943	1.038982105
1.2961	0.96250761	0.27125466	3.548354188	0.281820796	3.686572587	1.038952819
1.2962	0.96253474	0.27115841	3.549713752	0.281712856	3.687881197	1.038923545
1.2963	0.96256185	0.27106215	3.551074282	0.281604923	3.689190772	1.038894284
1.2964	0.96258895	0.27096590	3.552435778	0.281496996	3.690501315	1.038865034
1.2965	0.96261604	0.27086964	3.553798242	0.281389075	3.691812826	1.038835796
1.2966	0.96264312	0.27077337	3.555161675	0.281281160	3.693125307	1.038806571
1.2967	0.96267019	0.27067711	3.556526077	0.281173251	3.694438758	1.038777357
1.2968	0.96269726	0.27058084	3.557891451	0.281065348	3.695753181	1.038748155
1.2969	0.96272431	0.27048457	3.559257796	0.280957452	3.697068576	1.038718966
1.2970	0.96275135	0.27038830	3.560625114	0.280849561	3.698384945	1.038689788
1.2971	0.96277839	0.27029202	3.561993407	0.280741676	3.699702289	1.038660623
1.2972	0.96280541	0.27019574	3.563362674	0.280633798	3.701020609	1.038631469
1.2973	0.96283243	0.27009946	3.564732918	0.280525925	3.702339905	1.038602328
1.2974	0.96285943	0.27000317	3.566104138	0.280418059	3.703660180	1.038573198
1.2975	0.96288643	0.26990689	3.567476338	0.280310198	3.704981433	1.038544081
1.2976	0.96291341	0.26981060	3.568849516	0.280202344	3.706303667	1.038514975
1.2977	0.96294039	0.26971430	3.570223675	0.280094496	3.707626882	1.038485882
1.2978	0.96296736	0.26961801	3.571598816	0.279986653	3.708951079	1.038456800
1.2979	0.96299431	0.26952171	3.572974939	0.279878817	3.710276259	1.038427731
1.2980	0.96302126	0.26942541	3.574352046	0.279770987	3.711602424	1.038398674
1.2981	0.96304820	0.26932911	3.575730138	0.279663163	3.712929574	1.038369628
1.2982	0.96307513	0.26923280	3.577109216	0.279555345	3.714257711	1.038340595
1.2983	0.96310205	0.26913649	3.578489281	0.279447533	3.715586836	1.038311573
1.2984	0.96312895	0.26904018	3.579870333	0.279339727	3.716916949	1.038282564
1.2985	0.96315585	0.26894386	3.581252375	0.279231926	3.718248052	1.038253567
1.2986	0.96318274	0.26884755	3.582635408	0.279124132	3.719580146	1.038224581
1.2987	0.96320962	0.26875123	3.584019431	0.279016344	3.720913232	1.038195608
1.2988	0.96323649	0.26865491	3.585404447	0.278908562	3.722247312	1.038166647
1.2989	0.96326335	0.26855858	3.586790456	0.278800786	3.723582385	1.038137697
1.2990	0.96329020	0.26846225	3.588177461	0.278693016	3.724918454	1.038108760
1.2991	0.96331705	0.26836592	3.589565460	0.278585252	3.726255519	1.038079835
1.2992	0.96334388	0.26826959	3.590954457	0.278477494	3.727593582	1.038050921
1.2993	0.96337070	0.26817325	3.592344451	0.278369743	3.728932643	1.038022020
1.2994	0.96339751	0.26807692	3.593735445	0.278261997	3.730272704	1.037993130
1.2995	0.96342432	0.26798057	3.595127439	0.278154257	3.731613766	1.037964253
1.2996	0.96345111	0.26788423	3.596520434	0.278046523	3.732955830	1.037935388
1.2997	0.96347789	0.26778788	3.597914431	0.277938795	3.734298897	1.037906534
1.2998	0.96350467	0.26769153	3.599309432	0.277831073	3.735642968	1.037877693
1.2999	0.96353143	0.26759518	3.600705437	0.277723357	3.736988044	1.037848863

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
1.3000	0.96355819	0.26749883	3.602102448	0.277615647	3.738334127	1.037820046
1.3001	0.96358493	0.26740247	3.603500466	0.277507942	3.739681217	1.037791240
1.3002	0.96361167	0.26730611	3.604899491	0.277400244	3.741029316	1.037762447
1.3003	0.96363839	0.26720975	3.606299526	0.277292552	3.742378425	1.037733665
1.3004	0.96366511	0.26711338	3.607700571	0.277184866	3.743728544	1.037704895
1.3005	0.96369181	0.26701702	3.609102627	0.277077186	3.745079675	1.037676138
1.3006	0.96371851	0.26692065	3.610505696	0.276969512	3.746431820	1.037647392
1.3007	0.96374520	0.26682427	3.611909778	0.276861844	3.747784978	1.037618658
1.3008	0.96377188	0.26672790	3.613314875	0.276754181	3.749139152	1.037589937
1.3009	0.96379854	0.26663152	3.614720987	0.276646525	3.750494343	1.037561227
1.3010	0.96382520	0.26653514	3.616128117	0.276538875	3.751850551	1.037532529
1.3011	0.96385185	0.26643875	3.617536264	0.276431230	3.753207778	1.037503843
1.3012	0.96387849	0.26634237	3.618945431	0.276323592	3.754566024	1.037475170
1.3013	0.96390512	0.26624598	3.620355618	0.276215959	3.755925292	1.037446508
1.3014	0.96393174	0.26614959	3.621766826	0.276108333	3.757285582	1.037417858
1.3015	0.96395835	0.26605319	3.623179057	0.276000712	3.758646895	1.037389220
1.3016	0.96398495	0.26595679	3.624592312	0.275893097	3.760009232	1.037360594
1.3017	0.96401154	0.26586039	3.626006591	0.275785489	3.761372595	1.037331980
1.3018	0.96403812	0.26576399	3.627421897	0.275677886	3.762736985	1.037303377
1.3019	0.96406469	0.26566759	3.628838230	0.275570289	3.764102402	1.037274787
1.3020	0.96409126	0.26557118	3.630255591	0.275462698	3.765468849	1.037246209
1.3021	0.96411781	0.26547477	3.631673981	0.275355113	3.766836326	1.037217643
1.3022	0.96414435	0.26537835	3.633093402	0.275247534	3.768204834	1.037189088
1.3023	0.96417088	0.26528194	3.634513855	0.275139961	3.769574374	1.037160546
1.3024	0.96419741	0.26518552	3.635935341	0.275032394	3.770944948	1.037132015
1.3025	0.96422392	0.26508910	3.637357861	0.274924832	3.772316557	1.037103497
1.3026	0.96425042	0.26499268	3.638781416	0.274817277	3.773689202	1.037074990
1.3027	0.96427692	0.26489625	3.640206007	0.274709727	3.775062883	1.037046496
1.3028	0.96430340	0.26479982	3.641631636	0.274602184	3.776437603	1.037018013
1.3029	0.96432988	0.26470339	3.643058304	0.274494646	3.777813363	1.036989542
1.3030	0.96435634	0.26460695	3.644486011	0.274387114	3.779190163	1.036961083
1.3031	0.96438280	0.26451052	3.645914760	0.274279589	3.780568004	1.036932637
1.3032	0.96440925	0.26441408	3.647344550	0.274172069	3.781946889	1.036904202
1.3033	0.96443568	0.26431764	3.648775384	0.274064554	3.783326817	1.036875778
1.3034	0.96446211	0.26422119	3.650207263	0.273957046	3.784707791	1.036847367
1.3035	0.96448853	0.26412474	3.651640187	0.273849544	3.786089811	1.036818968
1.3036	0.96451494	0.26402829	3.653074159	0.273742048	3.787472879	1.036790581
1.3037	0.96454133	0.26393184	3.654509178	0.273634557	3.788856995	1.036762206
1.3038	0.96456772	0.26383538	3.655945247	0.273527072	3.790242162	1.036733842
1.3039	0.96459410	0.26373893	3.657382366	0.273419594	3.791628379	1.036705491
1.3040	0.96462047	0.26364247	3.658820536	0.273312121	3.793015649	1.036677151
1.3041	0.96464683	0.26354600	3.660259759	0.273204654	3.794403973	1.036648823
1.3042	0.96467318	0.26344954	3.661700037	0.273097193	3.795793350	1.036620508
1.3043	0.96469952	0.26335307	3.663141369	0.272989737	3.797183784	1.036592204
1.3044	0.96472585	0.26325660	3.664583758	0.272882288	3.798575275	1.036563912
1.3045	0.96475217	0.26316012	3.666027205	0.272774844	3.799967824	1.036535632
1.3046	0.96477848	0.26306365	3.667471710	0.272667407	3.801361433	1.036507364
1.3047	0.96480478	0.26296717	3.668917275	0.272559975	3.802756102	1.036479107
1.3048	0.96483107	0.26287069	3.670363901	0.272452549	3.804151832	1.036450863
1.3049	0.96485736	0.26277420	3.671811589	0.272345129	3.805548626	1.036422631

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
1.3050	0.96488363	0.26267771	3.673260341	0.272237714	3.806946484	1.036394410
1.3051	0.96490989	0.26258122	3.674710158	0.272130306	3.808345408	1.036366201
1.3052	0.96493615	0.26248473	3.676161041	0.272022903	3.809745398	1.036338005
1.3053	0.96496239	0.26238824	3.677612990	0.271915507	3.811146456	1.036309820
1.3054	0.96498862	0.26229174	3.679066009	0.271808116	3.812548583	1.036281647
1.3055	0.96501485	0.26219524	3.680520096	0.271700731	3.813951780	1.036253486
1.3056	0.96504106	0.26209874	3.681975255	0.271593352	3.815356048	1.036225337
1.3057	0.96506727	0.26200223	3.683431485	0.271485978	3.816761389	1.036197200
1.3058	0.96509346	0.26190572	3.684888788	0.271378611	3.818167804	1.036169074
1.3059	0.96511965	0.26180921	3.686347166	0.271271249	3.819575295	1.036140961
1.3060	0.96514582	0.26171270	3.687806620	0.271163893	3.820983861	1.036112859
1.3061	0.96517199	0.26161618	3.689267150	0.271056543	3.822393505	1.036084769
1.3062	0.96519815	0.26151966	3.690728759	0.270949199	3.823804228	1.036056692
1.3063	0.96522430	0.26142314	3.692191446	0.270841860	3.825216030	1.036028626
1.3064	0.96525043	0.26132662	3.693655215	0.270734528	3.826628914	1.036000572
1.3065	0.96527656	0.26123009	3.695120065	0.270627201	3.828042880	1.035972529
1.3066	0.96530268	0.26113356	3.696585998	0.270519880	3.829457930	1.035944499
1.3067	0.96532879	0.26103703	3.698053015	0.270412565	3.830874065	1.035916481
1.3068	0.96535489	0.26094050	3.699521117	0.270305255	3.832291285	1.035888474
1.3069	0.96538098	0.26084396	3.700990306	0.270197952	3.833709594	1.035860480
1.3070	0.96540705	0.26074742	3.702460583	0.270090654	3.835128990	1.035832497
1.3071	0.96543312	0.26065088	3.703931950	0.269983362	3.836549477	1.035804526
1.3072	0.96545919	0.26055434	3.705404406	0.269876076	3.837971054	1.035776567
1.3073	0.96548524	0.26045779	3.706877954	0.269768795	3.839393724	1.035748620
1.3074	0.96551128	0.26036124	3.708352596	0.269661521	3.840817488	1.035720684
1.3075	0.96553731	0.26026469	3.709828331	0.269554252	3.842242346	1.035692761
1.3076	0.96556333	0.26016813	3.711305161	0.269446989	3.843668300	1.035664849
1.3077	0.96558934	0.26007157	3.712783088	0.269339731	3.845095351	1.035636949
1.3078	0.96561534	0.25997501	3.714262113	0.269232480	3.846523501	1.035609062
1.3079	0.96564134	0.25987845	3.715742237	0.269125234	3.847952751	1.035581185
1.3080	0.96566732	0.25978189	3.717223462	0.269017994	3.849383102	1.035553321
1.3081	0.96569329	0.25968532	3.718705788	0.268910760	3.850814555	1.035525469
1.3082	0.96571926	0.25958875	3.720189217	0.268803532	3.852247112	1.035497629
1.3083	0.96574521	0.25949217	3.721673750	0.268696309	3.853680773	1.035469800
1.3084	0.96577116	0.25939560	3.723159388	0.268589092	3.855115540	1.035441983
1.3085	0.96579709	0.25929902	3.724646133	0.268481881	3.856551415	1.035414178
1.3086	0.96582301	0.25920244	3.726133986	0.268374676	3.857988399	1.035386385
1.3087	0.96584893	0.25910585	3.727622949	0.268267476	3.859426492	1.035358604
1.3088	0.96587484	0.25900927	3.729113021	0.268160282	3.860865697	1.035330835
1.3089	0.96590073	0.25891268	3.730604206	0.268053094	3.862306013	1.035303077
1.3090	0.96592662	0.25881609	3.732096503	0.267945912	3.863747444	1.035275331
1.3091	0.96595250	0.25871949	3.733589915	0.267838735	3.865189989	1.035247597
1.3092	0.96597836	0.25862290	3.735084443	0.267731564	3.866633651	1.035219875
1.3093	0.96600422	0.25852630	3.736580087	0.267624399	3.868078431	1.035192165
1.3094	0.96603007	0.25842970	3.738076849	0.267517240	3.869524329	1.035164467
1.3095	0.96605591	0.25833309	3.739574731	0.267410086	3.870971347	1.035136780
1.3096	0.96608173	0.25823649	3.741073733	0.267302938	3.872419486	1.035109106
1.3097	0.96610755	0.25813988	3.742573858	0.267195796	3.873868749	1.035081443
1.3098	0.96613336	0.25804326	3.744075106	0.267088659	3.875319135	1.035053792
1.3099	0.96615916	0.25794665	3.745577478	0.266981528	3.876770646	1.035026153

x	sin(x)	cos(x)	tan(x)	cot(x)	sec(x)	csc(x)
1.3100	0.96618495	0.25785003	3.747080976	0.266874403	3.878223284	1.034998525
1.3101	0.96621073	0.25775341	3.748585602	0.266767284	3.879677050	1.034970910
1.3102	0.96623650	0.25765679	3.750091355	0.266660170	3.881131945	1.034943306
1.3103	0.96626226	0.25756017	3.751598239	0.266553063	3.882587970	1.034915714
1.3104	0.96628801	0.25746354	3.753106254	0.266445960	3.884045127	1.034888134
1.3105	0.96631376	0.25736691	3.754615401	0.266338864	3.885503418	1.034860566
1.3106	0.96633949	0.25727028	3.756125682	0.266231773	3.886962842	1.034833009
1.3107	0.96636521	0.25717364	3.757637097	0.266124688	3.888423402	1.034805465
1.3108	0.96639092	0.25707700	3.759149649	0.266017609	3.889885099	1.034777932
1.3109	0.96641663	0.25698036	3.760663339	0.265910535	3.891347935	1.034750411
1.3110	0.96644232	0.25688372	3.762178167	0.265803467	3.892811910	1.034722902
1.3111	0.96646800	0.25678707	3.763694136	0.265696405	3.894277025	1.034695404
1.3112	0.96649368	0.25669043	3.765211247	0.265589348	3.895743284	1.034667919
1.3113	0.96651934	0.25659377	3.766729500	0.265482297	3.897210685	1.034640445
1.3114	0.96654499	0.25649712	3.768248897	0.265375252	3.898679232	1.034612983
1.3115	0.96657064	0.25640047	3.769769440	0.265268212	3.900148924	1.034585533
1.3116	0.96659627	0.25630381	3.771291130	0.265161178	3.901619765	1.034558094
1.3117	0.96662190	0.25620715	3.772813968	0.265054150	3.903091754	1.034530668
1.3118	0.96664752	0.25611048	3.774337956	0.264947128	3.904564893	1.034503253
1.3119	0.96667312	0.25601382	3.775863094	0.264840111	3.906039184	1.034475850
1.3120	0.96669872	0.25591715	3.777389384	0.264733100	3.907514627	1.034448459
1.3121	0.96672431	0.25582048	3.778916828	0.264626094	3.908991225	1.034421079
1.3122	0.96674988	0.25572380	3.780445427	0.264519094	3.910468978	1.034393712
1.3123	0.96677545	0.25562713	3.781975182	0.264412100	3.911947888	1.034366356
1.3124	0.96680101	0.25553045	3.783506095	0.264305111	3.913427957	1.034339012
1.3125	0.96682656	0.25543377	3.785038167	0.264198129	3.914909184	1.034311680
1.3126	0.96685210	0.25533708	3.786571398	0.264091151	3.916391573	1.034284359
1.3127	0.96687762	0.25524040	3.788105792	0.263984180	3.917875124	1.034257051
1.3128	0.96690314	0.25514371	3.789641348	0.263877214	3.919359839	1.034229754
1.3129	0.96692865	0.25504702	3.791178068	0.263770253	3.920845718	1.034202469
1.3130	0.96695415	0.25495032	3.792715954	0.263663299	3.922332764	1.034175196
1.3131	0.96697964	0.25485363	3.794255008	0.263556350	3.923820977	1.034147934
1.3132	0.96700512	0.25475693	3.795795229	0.263449406	3.925310360	1.034120684
1.3133	0.96703059	0.25466022	3.797336620	0.263342469	3.926800913	1.034093446
1.3134	0.96705606	0.25456352	3.798879183	0.263235537	3.928292637	1.034066220
1.3135	0.96708151	0.25446681	3.800422917	0.263128610	3.929785535	1.034039006
1.3136	0.96710695	0.25437010	3.801967826	0.263021689	3.931279607	1.034011803
1.3137	0.96713238	0.25427339	3.803513910	0.262914774	3.932774855	1.033984612
1.3138	0.96715780	0.25417668	3.805061170	0.262807864	3.934271280	1.033957433
1.3139	0.96718322	0.25407996	3.806609608	0.262700960	3.935768884	1.033930266
1.3140	0.96720862	0.25398324	3.808159226	0.262594062	3.937267668	1.033903110
1.3141	0.96723401	0.25388652	3.809710024	0.262487169	3.938767633	1.033875966
1.3142	0.96725940	0.25378979	3.811262004	0.262380282	3.940268781	1.033848834
1.3143	0.96728477	0.25369307	3.812815168	0.262273401	3.941771113	1.033821714
1.3144	0.96731014	0.25359634	3.814369517	0.262166525	3.943274630	1.033794606
1.3145	0.96733549	0.25349960	3.815925052	0.262059654	3.944779335	1.033767509
1.3146	0.96736084	0.25340287	3.817481774	0.261952790	3.946285227	1.033740424
1.3147	0.96738617	0.25330613	3.819039686	0.261845930	3.947792310	1.033713351
1.3148	0.96741150	0.25320939	3.820598787	0.261739077	3.949300583	1.033686289
1.3149	0.96743681	0.25311265	3.822159081	0.261632229	3.950810049	1.033659239

x	sin(x)	cos(x)	tan(x)	cot(x)	sec(x)	csc(x)
1.3150	0.96746212	0.25301590	3.823720568	0.261525387	3.952320708	1.033632201
1.3151	0.96748742	0.25291916	3.825283249	0.261418550	3.953832563	1.033605175
1.3152	0.96751270	0.25282241	3.826847127	0.261311719	3.955345615	1.033578161
1.3153	0.96753798	0.25272565	3.828412202	0.261204893	3.956859864	1.033551158
1.3154	0.96756325	0.25262890	3.829978475	0.261098073	3.958375313	1.033524167
1.3155	0.96758851	0.25253214	3.831545949	0.260991259	3.959891963	1.033497188
1.3156	0.96761375	0.25243538	3.833114625	0.260884450	3.961409815	1.033470220
1.3157	0.96763899	0.25233862	3.834684503	0.260777647	3.962928871	1.033443265
1.3158	0.96766422	0.25224185	3.836255586	0.260670849	3.964449132	1.033416320
1.3159	0.96768944	0.25214509	3.837827875	0.260564057	3.965970600	1.033389388
1.3160	0.96771465	0.25204832	3.839401371	0.260457270	3.967493275	1.033362468
1.3161	0.96773985	0.25195154	3.840976076	0.260350489	3.969017160	1.033335559
1.3162	0.96776504	0.25185477	3.842551991	0.260243714	3.970542256	1.033308662
1.3163	0.96779022	0.25175799	3.844129118	0.260136944	3.972068563	1.033281776
1.3164	0.96781539	0.25166121	3.845707457	0.260030179	3.973596085	1.033254903
1.3165	0.96784055	0.25156443	3.847287011	0.259923421	3.975124822	1.033228041
1.3166	0.96786571	0.25146764	3.848867781	0.259816667	3.976654775	1.033201191
1.3167	0.96789085	0.25137085	3.850449768	0.259709920	3.978185946	1.033174352
1.3168	0.96791598	0.25127406	3.852032974	0.259603178	3.979718336	1.033147526
1.3169	0.96794110	0.25117727	3.853617400	0.259496441	3.981251947	1.033120711
1.3170	0.96796622	0.25108048	3.855203048	0.259389710	3.982786781	1.033093907
1.3171	0.96799132	0.25098368	3.856789919	0.259282984	3.984322838	1.033067116
1.3172	0.96801641	0.25088688	3.858378014	0.259176264	3.985860121	1.033040336
1.3173	0.96804150	0.25079007	3.859967336	0.259069550	3.987398630	1.033013568
1.3174	0.96806657	0.25069327	3.861557884	0.258962841	3.988938367	1.032986812
1.3175	0.96809163	0.25059646	3.863149662	0.258856137	3.990479334	1.032960067
1.3176	0.96811669	0.25049965	3.864742670	0.258749440	3.992021531	1.032933334
1.3177	0.96814173	0.25040284	3.866336910	0.258642747	3.993564961	1.032906613
1.3178	0.96816677	0.25030602	3.867932383	0.258536060	3.995109625	1.032879903
1.3179	0.96819180	0.25020920	3.869529090	0.258429379	3.996655524	1.032853205
1.3180	0.96821681	0.25011238	3.871127034	0.258322703	3.998202661	1.032826519
1.3181	0.96824182	0.25001556	3.872726216	0.258216033	3.999751035	1.032799845
1.3182	0.96826682	0.24991874	3.874326636	0.258109368	4.001300649	1.032773182
1.3183	0.96829180	0.24982191	3.875928298	0.258002709	4.002851505	1.032746531
1.3184	0.96831678	0.24972508	3.877531201	0.257896055	4.004403603	1.032719892
1.3185	0.96834175	0.24962824	3.879135348	0.257789407	4.005956945	1.032693264
1.3186	0.96836671	0.24953141	3.880740740	0.257682764	4.007511533	1.032666648
1.3187	0.96839165	0.24943457	3.882347378	0.257576127	4.009067368	1.032640044
1.3188	0.96841659	0.24933773	3.883955264	0.257469495	4.010624452	1.032613452
1.3189	0.96844152	0.24924089	3.885564400	0.257362869	4.012182786	1.032586871
1.3190	0.96846644	0.24914404	3.887174787	0.257256248	4.013742371	1.032560302
1.3191	0.96849135	0.24904719	3.888786426	0.257149632	4.015303210	1.032533744
1.3192	0.96851625	0.24895034	3.890399319	0.257043023	4.016865303	1.032507199
1.3193	0.96854114	0.24885349	3.892013468	0.256936418	4.018428653	1.032480665
1.3194	0.96856602	0.24875664	3.893628874	0.256829819	4.019993260	1.032454142
1.3195	0.96859089	0.24865978	3.895245538	0.256723226	4.021559125	1.032427632
1.3196	0.96861575	0.24856292	3.896863462	0.256616638	4.023126252	1.032401133
1.3197	0.96864060	0.24846606	3.898482647	0.256510055	4.024694641	1.032374645
1.3198	0.96866545	0.24836919	3.900103096	0.256403478	4.026264293	1.032348170
1.3199	0.96869028	0.24827232	3.901724809	0.256296907	4.027835210	1.032321706

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
1.3200	0.96871510	0.24817545	3.903347787	0.256190341	4.029407394	1.032295254
1.3201	0.96873991	0.24807858	3.904972034	0.256083780	4.030980847	1.032268813
1.3202	0.96876472	0.24798170	3.906597549	0.255977225	4.032555568	1.032242384
1.3203	0.96878951	0.24788483	3.908224335	0.255870675	4.034131561	1.032215967
1.3204	0.96881429	0.24778795	3.909852393	0.255764131	4.035708827	1.032189561
1.3205	0.96883907	0.24769106	3.911481725	0.255657592	4.037287367	1.032163168
1.3206	0.96886383	0.24759418	3.913112332	0.255551059	4.038867183	1.032136785
1.3207	0.96888859	0.24749729	3.914744215	0.255444531	4.040448276	1.032110415
1.3208	0.96891333	0.24740040	3.916377377	0.255338009	4.042030648	1.032084056
1.3209	0.96893807	0.24730351	3.918011818	0.255231491	4.043614300	1.032057709
1.3210	0.96896279	0.24720661	3.919647540	0.255124980	4.045199234	1.032031373
1.3211	0.96898751	0.24710972	3.921284546	0.255018474	4.046785451	1.032005049
1.3212	0.96901221	0.24701282	3.922922835	0.254911973	4.048372954	1.031978737
1.3213	0.96903691	0.24691591	3.924562411	0.254805478	4.049961743	1.031952437
1.3214	0.96906160	0.24681901	3.926203274	0.254698988	4.051551820	1.031926148
1.3215	0.96908627	0.24672210	3.927845426	0.254592503	4.053143187	1.031899871
1.3216	0.96911094	0.24662519	3.929488868	0.254486024	4.054735844	1.031873605
1.3217	0.96913560	0.24652828	3.931133603	0.254379551	4.056329795	1.031847351
1.3218	0.96916025	0.24643136	3.932779631	0.254273083	4.057925040	1.031821109
1.3219	0.96918488	0.24633445	3.934426955	0.254166620	4.059521580	1.031794878
1.3220	0.96920951	0.24623753	3.936075575	0.254060162	4.061119419	1.031768659
1.3221	0.96923413	0.24614060	3.937725493	0.253953711	4.062718556	1.031742452
1.3222	0.96925874	0.24604368	3.939376712	0.253847264	4.064318993	1.031716256
1.3223	0.96928334	0.24594675	3.941029232	0.253740823	4.065920733	1.031690072
1.3224	0.96930793	0.24584982	3.942683055	0.253634387	4.067523776	1.031663900
1.3225	0.96933251	0.24575289	3.944338182	0.253527957	4.069128125	1.031637739
1.3226	0.96935708	0.24565596	3.945994616	0.253421532	4.070733780	1.031611590
1.3227	0.96938164	0.24555902	3.947652357	0.253315112	4.072340744	1.031585453
1.3228	0.96940619	0.24546208	3.949311408	0.253208698	4.073949018	1.031559327
1.3229	0.96943073	0.24536514	3.950971770	0.253102289	4.075558603	1.031533213
1.3230	0.96945527	0.24526819	3.952633444	0.252995886	4.077169502	1.031507110
1.3231	0.96947979	0.24517125	3.954296433	0.252889488	4.078781715	1.031481019
1.3232	0.96950430	0.24507430	3.955960737	0.252783095	4.080395245	1.031454940
1.3233	0.96952880	0.24497735	3.957626358	0.252676708	4.082010092	1.031428872
1.3234	0.96955330	0.24488039	3.959293299	0.252570326	4.083626259	1.031402816
1.3235	0.96957778	0.24478344	3.960961560	0.252463950	4.085243748	1.031376772
1.3236	0.96960225	0.24468648	3.962631143	0.252357579	4.086862559	1.031350739
1.3237	0.96962672	0.24458952	3.964302049	0.252251213	4.088482694	1.031324718
1.3238	0.96965117	0.24449255	3.965974281	0.252144852	4.090104155	1.031298709
1.3239	0.96967561	0.24439558	3.967647840	0.252038497	4.091726944	1.031272711
1.3240	0.96970005	0.24429862	3.969322728	0.251932148	4.093351062	1.031246725
1.3241	0.96972447	0.24420164	3.970998945	0.251825803	4.094976511	1.031220750
1.3242	0.96974889	0.24410467	3.972676495	0.251719465	4.096603292	1.031194787
1.3243	0.96977330	0.24400770	3.974355378	0.251613131	4.098231407	1.031168836
1.3244	0.96979769	0.24391072	3.976035595	0.251506803	4.099860858	1.031142896
1.3245	0.96982208	0.24381374	3.977717150	0.251400480	4.101491646	1.031116968
1.3246	0.96984645	0.24371675	3.979400043	0.251294162	4.103123773	1.031091051
1.3247	0.96987082	0.24361977	3.981084275	0.251187850	4.104757241	1.031065146
1.3248	0.96989518	0.24352278	3.982769850	0.251081543	4.106392051	1.031039253
1.3249	0.96991953	0.24342579	3.984456767	0.250975242	4.108028205	1.031013371

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
1.3250	0.96994386	0.24332879	3.986145029	0.250868945	4.109665704	1.030987501
1.3251	0.96996819	0.24323180	3.987834638	0.250762655	4.111304550	1.030961643
1.3252	0.96999251	0.24313480	3.989525595	0.250656369	4.112944745	1.030935796
1.3253	0.97001682	0.24303780	3.991217902	0.250550089	4.114586290	1.030909961
1.3254	0.97004112	0.24294080	3.992911560	0.250443814	4.116229187	1.030884137
1.3255	0.97006541	0.24284379	3.994606571	0.250337544	4.117873438	1.030858325
1.3256	0.97008969	0.24274678	3.996302936	0.250231280	4.119519045	1.030832525
1.3257	0.97011396	0.24264977	3.998000659	0.250125021	4.121166008	1.030806736
1.3258	0.97013822	0.24255276	3.999699739	0.250018768	4.122814330	1.030780958
1.3259	0.97016247	0.24245575	4.001400179	0.249912519	4.124464013	1.030755193
1.3260	0.97018671	0.24235873	4.003101980	0.249806276	4.126115057	1.030729439
1.3261	0.97021094	0.24226171	4.004805144	0.249700039	4.127767465	1.030703696
1.3262	0.97023516	0.24216469	4.006509673	0.249593806	4.129421238	1.030677965
1.3263	0.97025937	0.24206766	4.008215569	0.249487579	4.131076379	1.030652246
1.3264	0.97028357	0.24197063	4.009922832	0.249381358	4.132732888	1.030626538
1.3265	0.97030777	0.24187361	4.011631466	0.249275141	4.134390767	1.030600842
1.3266	0.97033195	0.24177657	4.013341470	0.249168930	4.136050019	1.030575158
1.3267	0.97035612	0.24167954	4.015052848	0.249062724	4.137710644	1.030549485
1.3268	0.97038028	0.24158250	4.016765601	0.248956524	4.139372645	1.030523823
1.3269	0.97040444	0.24148546	4.018479730	0.248850328	4.141036023	1.030498174
1.3270	0.97042858	0.24138842	4.020195237	0.248744138	4.142700779	1.030472535
1.3271	0.97045271	0.24129138	4.021912125	0.248637954	4.144366916	1.030446909
1.3272	0.97047684	0.24119433	4.023630393	0.248531774	4.146034436	1.030421294
1.3273	0.97050095	0.24109728	4.025350045	0.248425600	4.147703339	1.030395690
1.3274	0.97052506	0.24100023	4.027071082	0.248319431	4.149373628	1.030370098
1.3275	0.97054915	0.24090318	4.028793506	0.248213267	4.151045304	1.030344518
1.3276	0.97057324	0.24080612	4.030517318	0.248107109	4.152718369	1.030318949
1.3277	0.97059731	0.24070906	4.032242521	0.248000956	4.154392825	1.030293392
1.3278	0.97062138	0.24061200	4.033969115	0.247894808	4.156068674	1.030267847
1.3279	0.97064544	0.24051494	4.035697103	0.247788666	4.157745916	1.030242313
1.3280	0.97066948	0.24041787	4.037426486	0.247682528	4.159424555	1.030216790
1.3281	0.97069352	0.24032080	4.039157266	0.247576396	4.161104591	1.030191279
1.3282	0.97071755	0.24022373	4.040889445	0.247470270	4.162786027	1.030165780
1.3283	0.97074157	0.24012666	4.042623024	0.247364148	4.164468863	1.030140292
1.3284	0.97076557	0.24002958	4.044358005	0.247258032	4.166153103	1.030114816
1.3285	0.97078957	0.23993251	4.046094391	0.247151921	4.167838747	1.030089351
1.3286	0.97081356	0.23983543	4.047832182	0.247045815	4.169525797	1.030063898
1.3287	0.97083754	0.23973834	4.049571380	0.246939714	4.171214256	1.030038457
1.3288	0.97086151	0.23964126	4.051311988	0.246833619	4.172904124	1.030013027
1.3289	0.97088547	0.23954417	4.053054007	0.246727529	4.174595403	1.029987608
1.3290	0.97090942	0.23944708	4.054797438	0.246621444	4.176288096	1.029962202
1.3291	0.97093336	0.23934999	4.056542284	0.246515365	4.177982204	1.029936806
1.3292	0.97095729	0.23925290	4.058288546	0.246409290	4.179677729	1.029911423
1.3293	0.97098121	0.23915580	4.060036226	0.246303221	4.181374673	1.029886050
1.3294	0.97100512	0.23905870	4.061785325	0.246197157	4.183073036	1.029860690
1.3295	0.97102902	0.23896160	4.063535846	0.246091098	4.184772822	1.029835341
1.3296	0.97105291	0.23886449	4.065287791	0.245985045	4.186474032	1.029810003
1.3297	0.97107679	0.23876739	4.067041160	0.245878997	4.188176667	1.029784677
1.3298	0.97110066	0.23867028	4.068795956	0.245772954	4.189880730	1.029759363
1.3299	0.97112453	0.23857317	4.070552180	0.245666916	4.191586222	1.029734060

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
1.3300	0.97114838	0.23847605	4.072309835	0.245560883	4.193293145	1.029708768
1.3301	0.97117222	0.23837894	4.074068923	0.245454856	4.195001500	1.029683488
1.3302	0.97119605	0.23828182	4.075829444	0.245348834	4.196711290	1.029658220
1.3303	0.97121988	0.23818470	4.077591400	0.245242817	4.198422517	1.029632963
1.3304	0.97124369	0.23808758	4.079354795	0.245136805	4.200135181	1.029607718
1.3305	0.97126749	0.23799045	4.081119628	0.245030798	4.201849285	1.029582484
1.3306	0.97129129	0.23789332	4.082885903	0.244924797	4.203564832	1.029557262
1.3307	0.97131507	0.23779619	4.084653620	0.244818801	4.205281821	1.029532052
1.3308	0.97133885	0.23769906	4.086422782	0.244712810	4.207000256	1.029506852
1.3309	0.97136261	0.23760192	4.088193391	0.244606824	4.208720138	1.029481665
1.3310	0.97138637	0.23750479	4.089965448	0.244500843	4.210441469	1.029456489
1.3311	0.97141011	0.23740765	4.091738955	0.244394868	4.212164251	1.029431324
1.3312	0.97143385	0.23731050	4.093513914	0.244288897	4.213888485	1.029406171
1.3313	0.97145758	0.23721336	4.095290327	0.244182932	4.215614174	1.029381030
1.3314	0.97148129	0.23711621	4.097068195	0.244076972	4.217341318	1.029355900
1.3315	0.97150500	0.23701906	4.098847521	0.243971017	4.219069921	1.029330781
1.3316	0.97152870	0.23692191	4.100628306	0.243865068	4.220799984	1.029305674
1.3317	0.97155238	0.23682476	4.102410552	0.243759123	4.222531508	1.029280579
1.3318	0.97157606	0.23672760	4.104194261	0.243653184	4.224264496	1.029255495
1.3319	0.97159973	0.23663044	4.105979435	0.243547250	4.225998949	1.029230423
1.3320	0.97162339	0.23653328	4.107766075	0.243441321	4.227734870	1.029205362
1.3321	0.97164704	0.23643612	4.109554184	0.243335397	4.229472259	1.029180312
1.3322	0.97167067	0.23633895	4.111343763	0.243229479	4.231211119	1.029155275
1.3323	0.97169430	0.23624178	4.113134814	0.243123565	4.232951452	1.029130248
1.3324	0.97171792	0.23614461	4.114927339	0.243017657	4.234693260	1.029105233
1.3325	0.97174153	0.23604744	4.116721340	0.242911754	4.236436544	1.029080230
1.3326	0.97176513	0.23595026	4.118516819	0.242805856	4.238181306	1.029055238
1.3327	0.97178872	0.23585309	4.120313777	0.242699963	4.239927549	1.029030258
1.3328	0.97181230	0.23575591	4.122112216	0.242594075	4.241675273	1.029005289
1.3329	0.97183587	0.23565872	4.123912139	0.242488192	4.243424482	1.028980332
1.3330	0.97185943	0.23556154	4.125713547	0.242382315	4.245175176	1.028955386
1.3331	0.97188299	0.23546435	4.127516442	0.242276442	4.246927358	1.028930452
1.3332	0.97190653	0.23536716	4.129320826	0.242170575	4.248681029	1.028905529
1.3333	0.97193006	0.23526997	4.131126701	0.242064713	4.250436192	1.028880618
1.3334	0.97195358	0.23517278	4.132934068	0.241958856	4.252192848	1.028855718
1.3335	0.97197709	0.23507558	4.134742930	0.241853004	4.253950999	1.028830829
1.3336	0.97200060	0.23497838	4.136553289	0.241747158	4.255710647	1.028805953
1.3337	0.97202409	0.23488118	4.138365146	0.241641316	4.257471794	1.028781087
1.3338	0.97204757	0.23478398	4.140178503	0.241535480	4.259234442	1.028756233
1.3339	0.97207105	0.23468677	4.141993362	0.241429648	4.260998593	1.028731391
1.3340	0.97209451	0.23458956	4.143809725	0.241323822	4.262764249	1.028706560
1.3341	0.97211796	0.23449235	4.145627594	0.241218001	4.264531411	1.028681741
1.3342	0.97214141	0.23439514	4.147446971	0.241112185	4.266300081	1.028656933
1.3343	0.97216484	0.23429792	4.149267858	0.241006374	4.268070262	1.028632136
1.3344	0.97218827	0.23420071	4.151090257	0.240900568	4.269841955	1.028607352
1.3345	0.97221168	0.23410349	4.152914169	0.240794767	4.271615162	1.028582578
1.3346	0.97223509	0.23400626	4.154739597	0.240688971	4.273389886	1.028557816
1.3347	0.97225848	0.23390904	4.156566542	0.240583181	4.275166127	1.028533066
1.3348	0.97228187	0.23381181	4.158395006	0.240477395	4.276943889	1.028508326
1.3349	0.97230525	0.23371458	4.160224992	0.240371615	4.278723172	1.028483599

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
1.3350	0.97232861	0.23361735	4.162056501	0.240265840	4.280503980	1.028458883
1.3351	0.97235197	0.23352012	4.163889536	0.240160069	4.282286313	1.028434178
1.3352	0.97237532	0.23342288	4.165724097	0.240054304	4.284070174	1.028409485
1.3353	0.97239866	0.23332564	4.167560188	0.239948544	4.285855565	1.028384803
1.3354	0.97242198	0.23322840	4.169397810	0.239842789	4.287642487	1.028360133
1.3355	0.97244530	0.23313116	4.171236964	0.239737039	4.289430943	1.028335474
1.3356	0.97246861	0.23303391	4.173077654	0.239631294	4.291220934	1.028310827
1.3357	0.97249191	0.23293666	4.174919880	0.239525555	4.293012463	1.028286191
1.3358	0.97251520	0.23283941	4.176763646	0.239419820	4.294805531	1.028261567
1.3359	0.97253848	0.23274216	4.178608952	0.239314090	4.296600141	1.028236954
1.3360	0.97256175	0.23264491	4.180455801	0.239208366	4.298396294	1.028212353
1.3361	0.97258500	0.23254765	4.182304195	0.239102646	4.300193993	1.028187763
1.3362	0.97260825	0.23245039	4.184154135	0.238996932	4.301993239	1.028163184
1.3363	0.97263149	0.23235313	4.186005624	0.238891222	4.303794034	1.028138617
1.3364	0.97265473	0.23225586	4.187858664	0.238785518	4.305596381	1.028114062
1.3365	0.97267795	0.23215860	4.189713257	0.238679819	4.307400281	1.028089517
1.3366	0.97270116	0.23206133	4.191569405	0.238574124	4.309205736	1.028064985
1.3367	0.97272436	0.23196406	4.193427109	0.238468435	4.311012748	1.028040463
1.3368	0.97274755	0.23186678	4.195286371	0.238362751	4.312821320	1.028015954
1.3369	0.97277073	0.23176951	4.197147195	0.238257072	4.314631453	1.027991455
1.3370	0.97279390	0.23167223	4.199009581	0.238151398	4.316443149	1.027966968
1.3371	0.97281707	0.23157495	4.200873532	0.238045728	4.318256411	1.027942493
1.3372	0.97284022	0.23147766	4.202739049	0.237940064	4.320071240	1.027918029
1.3373	0.97286336	0.23138038	4.204606136	0.237834405	4.321887638	1.027893576
1.3374	0.97288649	0.23128309	4.206474793	0.237728751	4.323705608	1.027869135
1.3375	0.97290962	0.23118580	4.208345022	0.237623102	4.325525150	1.027844706
1.3376	0.97293273	0.23108851	4.210216827	0.237517458	4.327346269	1.027820287
1.3377	0.97295584	0.23099122	4.212090208	0.237411819	4.329168964	1.027795881
1.3378	0.97297893	0.23089392	4.213965168	0.237306186	4.330993239	1.027771485
1.3379	0.97300201	0.23079662	4.215841709	0.237200557	4.332819096	1.027747101
1.3380	0.97302509	0.23069932	4.217719833	0.237094933	4.334646536	1.027722729
1.3381	0.97304815	0.23060201	4.219599542	0.236989314	4.336475562	1.027698368
1.3382	0.97307121	0.23050471	4.221480838	0.236883700	4.338306175	1.027674018
1.3383	0.97309426	0.23040740	4.223363723	0.236778091	4.340138377	1.027649680
1.3384	0.97311729	0.23031009	4.225248199	0.236672487	4.341972172	1.027625353
1.3385	0.97314032	0.23021278	4.227134268	0.236566888	4.343807560	1.027601038
1.3386	0.97316333	0.23011546	4.229021932	0.236461294	4.345644544	1.027576734
1.3387	0.97318634	0.23001814	4.230911194	0.236355705	4.347483126	1.027552441
1.3388	0.97320934	0.22992082	4.232802055	0.236250122	4.349323308	1.027528160
1.3389	0.97323232	0.22982350	4.234694517	0.236144543	4.351165092	1.027503891
1.3390	0.97325530	0.22972618	4.236588583	0.236038969	4.353008480	1.027479632
1.3391	0.97327827	0.22962885	4.238484255	0.235933400	4.354853474	1.027455385
1.3392	0.97330123	0.22953152	4.240381534	0.235827836	4.356700076	1.027431150
1.3393	0.97332418	0.22943419	4.242280422	0.235722277	4.358548288	1.027406926
1.3394	0.97334711	0.22933686	4.244180923	0.235616723	4.360398113	1.027382714
1.3395	0.97337004	0.22923952	4.246083037	0.235511174	4.362249553	1.027358512
1.3396	0.97339296	0.22914218	4.247986768	0.235405630	4.364102609	1.027334323
1.3397	0.97341587	0.22904484	4.249892116	0.235300091	4.365957284	1.027310144
1.3398	0.97343877	0.22894750	4.251799085	0.235194556	4.367813579	1.027285977
1.3399	0.97346166	0.22885016	4.253707676	0.235089027	4.369671497	1.027261822

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
1.3400	0.97348454	0.22875281	4.255617892	0.234983503	4.371531041	1.027237678
1.3401	0.97350741	0.22865546	4.257529734	0.234877984	4.373392211	1.027213545
1.3402	0.97353027	0.22855811	4.259443204	0.234772470	4.375255011	1.027189424
1.3403	0.97355312	0.22846075	4.261358306	0.234666960	4.377119442	1.027165314
1.3404	0.97357596	0.22836340	4.263275040	0.234561456	4.378985507	1.027141215
1.3405	0.97359880	0.22826604	4.265193409	0.234455956	4.380853207	1.027117128
1.3406	0.97362162	0.22816868	4.267113416	0.234350462	4.382722544	1.027093053
1.3407	0.97364443	0.22807131	4.269035061	0.234244972	4.384593522	1.027068988
1.3408	0.97366723	0.22797395	4.270958348	0.234139488	4.386466142	1.027044936
1.3409	0.97369002	0.22787658	4.272883279	0.234034008	4.388340406	1.027020894
1.3410	0.97371281	0.22777921	4.274809855	0.233928533	4.390216316	1.026996864
1.3411	0.97373558	0.22768184	4.276738080	0.233823064	4.392093874	1.026972845
1.3412	0.97375834	0.22758446	4.278667954	0.233717599	4.393973084	1.026948838
1.3413	0.97378110	0.22748708	4.280599480	0.233612139	4.395853946	1.026924842
1.3414	0.97380384	0.22738971	4.282532661	0.233506684	4.397736462	1.026900858
1.3415	0.97382658	0.22729232	4.284467498	0.233401234	4.399620636	1.026876884
1.3416	0.97384930	0.22719494	4.286403994	0.233295789	4.401506469	1.026852923
1.3417	0.97387201	0.22709755	4.288342151	0.233190348	4.403393964	1.026828972
1.3418	0.97389472	0.22700017	4.290281970	0.233084913	4.405283122	1.026805033
1.3419	0.97391741	0.22690278	4.292223455	0.232979483	4.407173946	1.026781106
1.3420	0.97394010	0.22680538	4.294166608	0.232874057	4.409066438	1.026757190
1.3421	0.97396278	0.22670799	4.296111429	0.232768637	4.410960600	1.026733285
1.3422	0.97398544	0.22661059	4.298057923	0.232663221	4.412856434	1.026709391
1.3423	0.97400810	0.22651319	4.300006091	0.232557810	4.414753943	1.026685509
1.3424	0.97403074	0.22641579	4.301955934	0.232452404	4.416653129	1.026661639
1.3425	0.97405338	0.22631838	4.303907456	0.232347003	4.418553993	1.026637779
1.3426	0.97407601	0.22622098	4.305860659	0.232241607	4.420456539	1.026613931
1.3427	0.97409863	0.22612357	4.307815544	0.232136216	4.422360768	1.026590095
1.3428	0.97412123	0.22602616	4.309772115	0.232030830	4.424266683	1.026566270
1.3429	0.97414383	0.22592874	4.311730372	0.231925448	4.426174285	1.026542456
1.3430	0.97416642	0.22583133	4.313690319	0.231820072	4.428083577	1.026518653
1.3431	0.97418900	0.22573391	4.315651958	0.231714700	4.429994562	1.026494862
1.3432	0.97421157	0.22563649	4.317615290	0.231609334	4.431907241	1.026471083
1.3433	0.97423412	0.22553907	4.319580319	0.231503972	4.433821617	1.026447314
1.3434	0.97425667	0.22544164	4.321547046	0.231398615	4.435737692	1.026423557
1.3435	0.97427921	0.22534422	4.323515473	0.231293263	4.437655467	1.026399812
1.3436	0.97430174	0.22524679	4.325485604	0.231187915	4.439574947	1.026376077
1.3437	0.97432426	0.22514936	4.327457439	0.231082573	4.441496132	1.026352354
1.3438	0.97434677	0.22505192	4.329430982	0.230977236	4.443419025	1.026328643
1.3439	0.97436927	0.22495449	4.331406234	0.230871903	4.445343628	1.026304943
1.3440	0.97439176	0.22485705	4.333383199	0.230766575	4.447269943	1.026281254
1.3441	0.97441424	0.22475961	4.335361877	0.230661252	4.449197973	1.026257577
1.3442	0.97443671	0.22466217	4.337342272	0.230555934	4.451127721	1.026233910
1.3443	0.97445918	0.22456472	4.339324386	0.230450621	4.453059187	1.026210256
1.3444	0.97448163	0.22446728	4.341308220	0.230345313	4.454992375	1.026186612
1.3445	0.97450407	0.22436983	4.343293778	0.230240009	4.456927287	1.026162980
1.3446	0.97452650	0.22427237	4.345281061	0.230134711	4.458863925	1.026139359
1.3447	0.97454892	0.22417492	4.347270072	0.230029417	4.460802291	1.026115750
1.3448	0.97457134	0.22407746	4.349260813	0.229924128	4.462742388	1.026092152
1.3449	0.97459374	0.22398001	4.351253287	0.229818844	4.464684218	1.026068565

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
1.3450	0.97461613	0.22388255	4.353247495	0.229713565	4.466627783	1.026044990
1.3451	0.97463852	0.22378508	4.355243440	0.229608290	4.468573086	1.026021426
1.3452	0.97466089	0.22368762	4.357241125	0.229503021	4.470520129	1.025997874
1.3453	0.97468325	0.22359015	4.359240551	0.229397756	4.472468913	1.025974332
1.3454	0.97470561	0.22349268	4.361241721	0.229292496	4.474419443	1.025950802
1.3455	0.97472795	0.22339521	4.363244638	0.229187241	4.476371719	1.025927284
1.3456	0.97475029	0.22329774	4.365249303	0.229081991	4.478325745	1.025903776
1.3457	0.97477261	0.22320026	4.367255719	0.228976745	4.480281522	1.025880280
1.3458	0.97479493	0.22310278	4.369263888	0.228871505	4.482239052	1.025856796
1.3459	0.97481723	0.22300530	4.371273813	0.228766269	4.484198339	1.025833323
1.3460	0.97483953	0.22290782	4.373285496	0.228661038	4.486159385	1.025809861
1.3461	0.97486181	0.22281033	4.375298939	0.228555812	4.488122191	1.025786410
1.3462	0.97488409	0.22271285	4.377314145	0.228450590	4.490086761	1.025762971
1.3463	0.97490636	0.22261536	4.379331116	0.228345374	4.492053096	1.025739543
1.3464	0.97492861	0.22251786	4.381349854	0.228240162	4.494021199	1.025716126
1.3465	0.97495086	0.22242037	4.383370362	0.228134955	4.495991073	1.025692721
1.3466	0.97497310	0.22232287	4.385392642	0.228029753	4.497962719	1.025669327
1.3467	0.97499532	0.22222538	4.387416696	0.227924555	4.499936140	1.025645944
1.3468	0.97501754	0.22212788	4.389442527	0.227819363	4.501911339	1.025622573
1.3469	0.97503975	0.22203037	4.391470138	0.227714175	4.503888317	1.025599213
1.3470	0.97506195	0.22193287	4.393499530	0.227608992	4.505867078	1.025575864
1.3471	0.97508414	0.22183536	4.395530706	0.227503814	4.507847623	1.025552527
1.3472	0.97510632	0.22173785	4.397563669	0.227398641	4.509829955	1.025529201
1.3473	0.97512848	0.22164034	4.399598421	0.227293472	4.511814077	1.025505886
1.3474	0.97515064	0.22154282	4.401634963	0.227188308	4.513799990	1.025482583
1.3475	0.97517279	0.22144531	4.403673299	0.227083149	4.515787697	1.025459291
1.3476	0.97519493	0.22134779	4.405713432	0.226977995	4.517777201	1.025436010
1.3477	0.97521706	0.22125027	4.407755362	0.226872845	4.519768505	1.025412740
1.3478	0.97523918	0.22115275	4.409799094	0.226767700	4.521761609	1.025389482
1.3479	0.97526129	0.22105522	4.411844629	0.226662560	4.523756517	1.025366235
1.3480	0.97528339	0.22095769	4.413891969	0.226557425	4.525753232	1.025343000
1.3481	0.97530548	0.22086017	4.415941118	0.226452295	4.527751755	1.025319775
1.3482	0.97532757	0.22076263	4.417992077	0.226347169	4.529752090	1.025296562
1.3483	0.97534964	0.22066510	4.420044850	0.226242048	4.531754238	1.025273361
1.3484	0.97537170	0.22056756	4.422099437	0.226136932	4.533758202	1.025250170
1.3485	0.97539375	0.22047003	4.424155843	0.226031821	4.535763985	1.025226991
1.3486	0.97541579	0.22037248	4.426214069	0.225926714	4.537771588	1.025203824
1.3487	0.97543782	0.22027494	4.428274118	0.225821612	4.539781015	1.025180667
1.3488	0.97545985	0.22017740	4.430335992	0.225716515	4.541792268	1.025157522
1.3489	0.97548186	0.22007985	4.432399694	0.225611422	4.543805349	1.025134388
1.3490	0.97550386	0.21998230	4.434465227	0.225506335	4.545820261	1.025111266
1.3491	0.97552586	0.21988475	4.436532592	0.225401252	4.547837006	1.025088154
1.3492	0.97554784	0.21978720	4.438601792	0.225296174	4.549855587	1.025065054
1.3493	0.97556981	0.21968964	4.440672830	0.225191100	4.551876007	1.025041966
1.3494	0.97559178	0.21959208	4.442745708	0.225086031	4.553898267	1.025018888
1.3495	0.97561373	0.21949452	4.444820428	0.224980967	4.555922370	1.024995822
1.3496	0.97563568	0.21939696	4.446896994	0.224875908	4.557948319	1.024972767
1.3497	0.97565761	0.21929939	4.448975408	0.224770854	4.559976116	1.024949724
1.3498	0.97567954	0.21920183	4.451055671	0.224665804	4.562005764	1.024926692
1.3499	0.97570145	0.21910426	4.453137788	0.224560759	4.564037265	1.024903671

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
1.3500	0.97572336	0.21900669	4.455221760	0.224455718	4.566070622	1.024880661
1.3501	0.97574525	0.21890911	4.457307589	0.224350683	4.568105837	1.024857663
1.3502	0.97576714	0.21881154	4.459395279	0.224245652	4.570142914	1.024834676
1.3503	0.97578902	0.21871396	4.461484831	0.224140625	4.572181853	1.024811700
1.3504	0.97581088	0.21861638	4.463576249	0.224035604	4.574222658	1.024788735
1.3505	0.97583274	0.21851880	4.465669534	0.223930587	4.576265332	1.024765782
1.3506	0.97585459	0.21842121	4.467764691	0.223825575	4.578309877	1.024742840
1.3507	0.97587642	0.21832363	4.469861720	0.223720567	4.580356295	1.024719909
1.3508	0.97589825	0.21822604	4.471960624	0.223615565	4.582404590	1.024696990
1.3509	0.97592007	0.21812845	4.474061407	0.223510567	4.584454763	1.024674082
1.3510	0.97594188	0.21803085	4.476164070	0.223405573	4.586506817	1.024651185
1.3511	0.97596367	0.21793326	4.478268617	0.223300585	4.588560755	1.024628299
1.3512	0.97598546	0.21783566	4.480375049	0.223195601	4.590616579	1.024605425
1.3513	0.97600724	0.21773806	4.482483370	0.223090621	4.592674293	1.024582561
1.3514	0.97602901	0.21764046	4.484593581	0.222985647	4.594733897	1.024559710
1.3515	0.97605077	0.21754286	4.486705686	0.222880677	4.596795396	1.024536869
1.3516	0.97607252	0.21744525	4.488819688	0.222775712	4.598858792	1.024514040
1.3517	0.97609426	0.21734764	4.490935588	0.222670751	4.600924087	1.024491222
1.3518	0.97611599	0.21725003	4.493053389	0.222565795	4.602991284	1.024468415
1.3519	0.97613771	0.21715242	4.495173094	0.222460844	4.605060385	1.024445619
1.3520	0.97615942	0.21705480	4.497294706	0.222355897	4.607131393	1.024422835
1.3521	0.97618112	0.21695719	4.499418227	0.222250955	4.609204311	1.024400062
1.3522	0.97620281	0.21685957	4.501543660	0.222146018	4.611279142	1.024377300
1.3523	0.97622449	0.21676195	4.503671007	0.222041086	4.613355887	1.024354550
1.3524	0.97624616	0.21666432	4.505800271	0.221936158	4.615434550	1.024331811
1.3525	0.97626782	0.21656670	4.507931455	0.221831235	4.617515133	1.024309083
1.3526	0.97628948	0.21646907	4.510064561	0.221726316	4.619597639	1.024286366
1.3527	0.97631112	0.21637144	4.512199593	0.221621402	4.621682071	1.024263660
1.3528	0.97633275	0.21627381	4.514336551	0.221516493	4.623768430	1.024240966
1.3529	0.97635437	0.21617617	4.516475440	0.221411588	4.625856721	1.024218283
1.3530	0.97637599	0.21607854	4.518616262	0.221306688	4.627946945	1.024195611
1.3531	0.97639759	0.21598090	4.520759020	0.221201793	4.630039105	1.024172951
1.3532	0.97641918	0.21588326	4.522903716	0.221096902	4.632133204	1.024150302
1.3533	0.97644077	0.21578561	4.525050352	0.220992016	4.634229244	1.024127664
1.3534	0.97646234	0.21568797	4.527198933	0.220887135	4.636327229	1.024105037
1.3535	0.97648390	0.21559032	4.529349459	0.220782258	4.638427161	1.024082421
1.3536	0.97650546	0.21549267	4.531501935	0.220677386	4.640529041	1.024059817
1.3537	0.97652700	0.21539502	4.533656362	0.220572518	4.642632875	1.024037224
1.3538	0.97654854	0.21529737	4.535812744	0.220467655	4.644738663	1.024014642
1.3539	0.97657006	0.21519971	4.537971082	0.220362797	4.646846409	1.023992071
1.3540	0.97659158	0.21510205	4.540131381	0.220257943	4.648956115	1.023969512
1.3541	0.97661308	0.21500439	4.542293642	0.220153094	4.651067784	1.023946964
1.3542	0.97663458	0.21490673	4.544457868	0.220048250	4.653181419	1.023924427
1.3543	0.97665606	0.21480906	4.546624062	0.219943410	4.655297022	1.023901901
1.3544	0.97667754	0.21471140	4.548792227	0.219838575	4.657414597	1.023879387
1.3545	0.97669901	0.21461373	4.550962365	0.219733744	4.659534145	1.023856884
1.3546	0.97672046	0.21451606	4.553134480	0.219628918	4.661655670	1.023834392
1.3547	0.97674191	0.21441839	4.555308573	0.219524097	4.663779175	1.023811911
1.3548	0.97676335	0.21432071	4.557484648	0.219419280	4.665904662	1.023789441
1.3549	0.97678477	0.21422303	4.559662707	0.219314468	4.668032134	1.023766983

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
1.3550	0.97680619	0.21412535	4.561842754	0.219209660	4.670161593	1.023744536
1.3551	0.97682760	0.21402767	4.564024790	0.219104857	4.672293043	1.023722100
1.3552	0.97684900	0.21392999	4.566208819	0.219000059	4.674426487	1.023699676
1.3553	0.97687038	0.21383230	4.568394843	0.218895265	4.676561926	1.023677262
1.3554	0.97689176	0.21373461	4.570582866	0.218790476	4.678699364	1.023654860
1.3555	0.97691313	0.21363692	4.572772890	0.218685691	4.680838803	1.023632469
1.3556	0.97693449	0.21353923	4.574964917	0.218580911	4.682980247	1.023610089
1.3557	0.97695584	0.21344154	4.577158952	0.218476136	4.685123698	1.023587721
1.3558	0.97697718	0.21334384	4.579354995	0.218371365	4.687269159	1.023565363
1.3559	0.97699851	0.21324614	4.581553051	0.218266598	4.689416633	1.023543017
1.3560	0.97701983	0.21314844	4.583753122	0.218161837	4.691566123	1.023520682
1.3561	0.97704114	0.21305074	4.585955210	0.218057080	4.693717630	1.023498359
1.3562	0.97706244	0.21295303	4.588159320	0.217952327	4.695871159	1.023476046
1.3563	0.97708373	0.21285532	4.590365453	0.217847579	4.698026712	1.023453745
1.3564	0.97710501	0.21275761	4.592573612	0.217742835	4.700184292	1.023431455
1.3565	0.97712628	0.21265990	4.594783800	0.217638096	4.702343902	1.023409176
1.3566	0.97714754	0.21256219	4.596996020	0.217533362	4.704505544	1.023386908
1.3567	0.97716879	0.21246447	4.599210275	0.217428632	4.706669221	1.023364652
1.3568	0.97719003	0.21236676	4.601426568	0.217323907	4.708834937	1.023342406
1.3569	0.97721126	0.21226904	4.603644902	0.217219186	4.711002694	1.023320172
1.3570	0.97723249	0.21217131	4.605865279	0.217114470	4.713172495	1.023297949
1.3571	0.97725370	0.21207359	4.608087702	0.217009759	4.715344342	1.023275738
1.3572	0.97727490	0.21197586	4.610312174	0.216905052	4.717518240	1.023253537
1.3573	0.97729609	0.21187813	4.612538698	0.216800349	4.719694190	1.023231348
1.3574	0.97731728	0.21178040	4.614767278	0.216695651	4.721872195	1.023209170
1.3575	0.97733845	0.21168267	4.616997915	0.216590958	4.724052259	1.023187003
1.3576	0.97735961	0.21158494	4.619230612	0.216486269	4.726234384	1.023164847
1.3577	0.97738077	0.21148720	4.621465374	0.216381584	4.728418573	1.023142703
1.3578	0.97740191	0.21138946	4.623702202	0.216276905	4.730604829	1.023120569
1.3579	0.97742305	0.21129172	4.625941099	0.216172229	4.732793156	1.023098447
1.3580	0.97744417	0.21119398	4.628182069	0.216067559	4.734983555	1.023076336
1.3581	0.97746528	0.21109623	4.630425114	0.215962892	4.737176030	1.023054237
1.3582	0.97748639	0.21099848	4.632670237	0.215858231	4.739370584	1.023032148
1.3583	0.97750748	0.21090073	4.634917442	0.215753573	4.741567219	1.023010071
1.3584	0.97752857	0.21080298	4.637166730	0.215648921	4.743765939	1.022988004
1.3585	0.97754964	0.21070523	4.639418106	0.215544272	4.745966747	1.022965949
1.3586	0.97757071	0.21060747	4.641671571	0.215439629	4.748169645	1.022943905
1.3587	0.97759177	0.21050971	4.643927130	0.215334990	4.750374637	1.022921873
1.3588	0.97761281	0.21041195	4.646184784	0.215230355	4.752581725	1.022899851
1.3589	0.97763385	0.21031419	4.648444537	0.215125725	4.754790912	1.022877841
1.3590	0.97765487	0.21021643	4.650706393	0.215021099	4.757002202	1.022855842
1.3591	0.97767589	0.21011866	4.652970352	0.214916478	4.759215597	1.022833854
1.3592	0.97769690	0.21002089	4.655236420	0.214811861	4.761431101	1.022811877
1.3593	0.97771790	0.20992312	4.657504599	0.214707249	4.763648716	1.022789911
1.3594	0.97773888	0.20982535	4.659774891	0.214602641	4.765868445	1.022767957
1.3595	0.97775986	0.20972757	4.662047300	0.214498038	4.768090292	1.022746014
1.3596	0.97778083	0.20962979	4.664321829	0.214393440	4.770314258	1.022724082
1.3597	0.97780179	0.20953202	4.666598481	0.214288845	4.772540349	1.022702161
1.3598	0.97782274	0.20943423	4.668877258	0.214184256	4.774768565	1.022680251
1.3599	0.97784367	0.20933645	4.671158165	0.214079670	4.776998911	1.022658352

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
1.3600	0.97786460	0.20923867	4.673441203	0.213975090	4.779231390	1.022636465
1.3601	0.97788552	0.20914088	4.675726376	0.213870513	4.781466004	1.022614588
1.3602	0.97790643	0.20904309	4.678013687	0.213765941	4.783702756	1.022592723
1.3603	0.97792733	0.20894530	4.680303140	0.213661374	4.785941650	1.022570869
1.3604	0.97794822	0.20884750	4.682594736	0.213556811	4.788182689	1.022549027
1.3605	0.97796910	0.20874971	4.684888479	0.213452253	4.790425875	1.022527195
1.3606	0.97798997	0.20865191	4.687184373	0.213347699	4.792671212	1.022505374
1.3607	0.97801083	0.20855411	4.689482420	0.213243149	4.794918703	1.022483565
1.3608	0.97803168	0.20845631	4.691782623	0.213138604	4.797168350	1.022461767
1.3609	0.97805252	0.20835850	4.694084986	0.213034064	4.799420158	1.022439980
1.3610	0.97807335	0.20826070	4.696389511	0.212929528	4.801674129	1.022418204
1.3611	0.97809417	0.20816289	4.698696202	0.212824996	4.803930265	1.022396439
1.3612	0.97811498	0.20806508	4.701005061	0.212720469	4.806188571	1.022374686
1.3613	0.97813579	0.20796727	4.703316092	0.212615946	4.808449050	1.022352943
1.3614	0.97815658	0.20786945	4.705629299	0.212511428	4.810711704	1.022331212
1.3615	0.97817736	0.20777163	4.707944683	0.212406914	4.812976536	1.022309492
1.3616	0.97819813	0.20767382	4.710262248	0.212302404	4.815243550	1.022287783
1.3617	0.97821889	0.20757599	4.712581998	0.212197899	4.817512749	1.022266085
1.3618	0.97823965	0.20747817	4.714903935	0.212093399	4.819784136	1.022244398
1.3619	0.97826039	0.20738035	4.717228063	0.211988903	4.822057714	1.022222723
1.3620	0.97828112	0.20728252	4.719554384	0.211884411	4.824333486	1.022201058
1.3621	0.97830185	0.20718469	4.721882903	0.211779924	4.826611456	1.022179405
1.3622	0.97832256	0.20708686	4.724213621	0.211675441	4.828891626	1.022157763
1.3623	0.97834326	0.20698903	4.726546543	0.211570962	4.831174000	1.022136132
1.3624	0.97836396	0.20689119	4.728881670	0.211466488	4.833458581	1.022114512
1.3625	0.97838464	0.20679335	4.731219008	0.211362019	4.835745372	1.022092903
1.3626	0.97840532	0.20669551	4.733558558	0.211257553	4.838034376	1.022071306
1.3627	0.97842598	0.20659767	4.735900324	0.211153093	4.840325597	1.022049719
1.3628	0.97844664	0.20649983	4.738244310	0.211048636	4.842619037	1.022028144
1.3629	0.97846728	0.20640198	4.740590517	0.210944184	4.844914700	1.022006580
1.3630	0.97848792	0.20630413	4.742938950	0.210839737	4.847212589	1.021985027
1.3631	0.97850854	0.20620629	4.745289612	0.210735294	4.849512708	1.021963485
1.3632	0.97852916	0.20610843	4.747642506	0.210630855	4.851815059	1.021941954
1.3633	0.97854976	0.20601058	4.749997635	0.210526421	4.854119646	1.021920434
1.3634	0.97857036	0.20591272	4.752355003	0.210421991	4.856426471	1.021898926
1.3635	0.97859095	0.20581487	4.754714612	0.210317565	4.858735539	1.021877428
1.3636	0.97861152	0.20571701	4.757076466	0.210213144	4.861046853	1.021855942
1.3637	0.97863209	0.20561914	4.759440568	0.210108727	4.863360415	1.021834467
1.3638	0.97865265	0.20552128	4.761806922	0.210004315	4.865676229	1.021813003
1.3639	0.97867319	0.20542341	4.764175530	0.209899907	4.867994298	1.021791550
1.3640	0.97869373	0.20532554	4.766546397	0.209795503	4.870314626	1.021770108
1.3641	0.97871426	0.20522767	4.768919524	0.209691104	4.872637215	1.021748677
1.3642	0.97873478	0.20512980	4.771294917	0.209586709	4.874962070	1.021727257
1.3643	0.97875529	0.20503193	4.773672577	0.209482319	4.877289193	1.021705849
1.3644	0.97877578	0.20493405	4.776052508	0.209377933	4.879618587	1.021684452
1.3645	0.97879627	0.20483617	4.778434713	0.209273551	4.881950257	1.021663065
1.3646	0.97881675	0.20473829	4.780819196	0.209169174	4.884284204	1.021641690
1.3647	0.97883722	0.20464041	4.783205961	0.209064801	4.886620434	1.021620326
1.3648	0.97885768	0.20454252	4.785595009	0.208960432	4.888958948	1.021598973
1.3649	0.97887813	0.20444464	4.787986346	0.208856068	4.891299750	1.021577631

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
1.3650	0.97889857	0.20434675	4.790379973	0.208751708	4.893642844	1.021556301
1.3651	0.97891900	0.20424886	4.792775895	0.208647352	4.895988233	1.021534981
1.3652	0.97893942	0.20415096	4.795174114	0.208543001	4.898335920	1.021513673
1.3653	0.97895983	0.20405307	4.797574635	0.208438654	4.900685909	1.021492375
1.3654	0.97898023	0.20395517	4.799977460	0.208334312	4.903038203	1.021471089
1.3655	0.97900062	0.20385727	4.802382593	0.208229973	4.905392805	1.021449814
1.3656	0.97902100	0.20375937	4.804790037	0.208125640	4.907749718	1.021428550
1.3657	0.97904137	0.20366147	4.807199795	0.208021310	4.910108947	1.021407297
1.3658	0.97906173	0.20356356	4.809611872	0.207916985	4.912470495	1.021386055
1.3659	0.97908208	0.20346566	4.812026270	0.207812664	4.914834364	1.021364824
1.3660	0.97910243	0.20336775	4.814442993	0.207708348	4.917200558	1.021343604
1.3661	0.97912276	0.20326984	4.816862043	0.207604036	4.919569081	1.021322396
1.3662	0.97914308	0.20317192	4.819283426	0.207499728	4.921939936	1.021301198
1.3663	0.97916339	0.20307401	4.821707143	0.207395425	4.924313127	1.021280012
1.3664	0.97918369	0.20297609	4.824133199	0.207291125	4.926688657	1.021258836
1.3665	0.97920399	0.20287817	4.826561596	0.207186831	4.929066529	1.021237672
1.3666	0.97922427	0.20278025	4.828992339	0.207082540	4.931446746	1.021216519
1.3667	0.97924454	0.20268233	4.831425431	0.206978254	4.933829313	1.021195377
1.3668	0.97926481	0.20258440	4.833860875	0.206873972	4.936214233	1.021174246
1.3669	0.97928506	0.20248647	4.836298674	0.206769695	4.938601509	1.021153126
1.3670	0.97930530	0.20238854	4.838738833	0.206665421	4.940991145	1.021132017
1.3671	0.97932554	0.20229061	4.841181354	0.206561153	4.943383143	1.021110919
1.3672	0.97934576	0.20219268	4.843626241	0.206456888	4.945777509	1.021089833
1.3673	0.97936598	0.20209474	4.846073498	0.206352628	4.948174244	1.021068757
1.3674	0.97938618	0.20199680	4.848523128	0.206248372	4.950573353	1.021047693
1.3675	0.97940638	0.20189887	4.850975135	0.206144120	4.952974839	1.021026639
1.3676	0.97942656	0.20180092	4.853429521	0.206039873	4.955378706	1.021005597
1.3677	0.97944674	0.20170298	4.855886292	0.205935629	4.957784957	1.020984566
1.3678	0.97946690	0.20160503	4.858345449	0.205831391	4.960193595	1.020963546
1.3679	0.97948706	0.20150709	4.860806997	0.205727156	4.962604625	1.020942536
1.3680	0.97950720	0.20140914	4.863270939	0.205622926	4.965018049	1.020921538
1.3681	0.97952734	0.20131119	4.865737279	0.205518700	4.967433871	1.020900551
1.3682	0.97954746	0.20121323	4.868206020	0.205414478	4.969852096	1.020879576
1.3683	0.97956758	0.20111528	4.870677166	0.205310261	4.972272725	1.020858611
1.3684	0.97958769	0.20101732	4.873150720	0.205206048	4.974695764	1.020837657
1.3685	0.97960778	0.20091936	4.875626687	0.205101839	4.977121215	1.020816714
1.3686	0.97962787	0.20082140	4.878105069	0.204997635	4.979549082	1.020795783
1.3687	0.97964795	0.20072343	4.880585870	0.204893434	4.981979369	1.020774862
1.3688	0.97966802	0.20062547	4.883069094	0.204789238	4.984412079	1.020753953
1.3689	0.97968807	0.20052750	4.885554744	0.204685047	4.986847216	1.020733054
1.3690	0.97970812	0.20042953	4.888042824	0.204580859	4.989284783	1.020712167
1.3691	0.97972816	0.20033156	4.890533338	0.204476676	4.991724785	1.020691291
1.3692	0.97974819	0.20023358	4.893026288	0.204372497	4.994167224	1.020670426
1.3693	0.97976821	0.20013561	4.895521680	0.204268322	4.996612104	1.020649571
1.3694	0.97978822	0.20003763	4.898019516	0.204164152	4.999059430	1.020628728
1.3695	0.97980821	0.19993965	4.900519800	0.204059986	5.001509203	1.020607896
1.3696	0.97982820	0.19984167	4.903022536	0.203955824	5.003961430	1.020587075
1.3697	0.97984818	0.19974368	4.905527727	0.203851666	5.006416112	1.020566265
1.3698	0.97986815	0.19964570	4.908035378	0.203747513	5.008873254	1.020545466
1.3699	0.97988811	0.19954771	4.910545491	0.203643363	5.011332858	1.020524679

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
1.3700	0.97990806	0.19944972	4.913058070	0.203539218	5.013794930	1.020503902
1.3701	0.97992800	0.19935173	4.915573120	0.203435078	5.016259473	1.020483136
1.3702	0.97994793	0.19925374	4.918090644	0.203330941	5.018726490	1.020462381
1.3703	0.97996785	0.19915574	4.920610644	0.203226809	5.021195984	1.020441638
1.3704	0.97998776	0.19905774	4.923133127	0.203122681	5.023667961	1.020420905
1.3705	0.98000766	0.19895974	4.925658094	0.203018557	5.026142423	1.020400184
1.3706	0.98002755	0.19886174	4.928185549	0.202914438	5.028619374	1.020379473
1.3707	0.98004744	0.19876374	4.930715497	0.202810322	5.031098818	1.020358774
1.3708	0.98006731	0.19866573	4.933247942	0.202706211	5.033580759	1.020338085
1.3709	0.98008717	0.19856772	4.935782886	0.202602104	5.036065200	1.020317408
1.3710	0.98010702	0.19846971	4.938320333	0.202498002	5.038552145	1.020296742
1.3711	0.98012686	0.19837170	4.940860289	0.202393903	5.041041598	1.020276086
1.3712	0.98014670	0.19827369	4.943402755	0.202289809	5.043533562	1.020255442
1.3713	0.98016652	0.19817567	4.945947736	0.202185719	5.046028043	1.020234809
1.3714	0.98018633	0.19807765	4.948495236	0.202081633	5.048525042	1.020214187
1.3715	0.98020613	0.19797964	4.951045258	0.201977552	5.051024564	1.020193575
1.3716	0.98022593	0.19788161	4.953597807	0.201873474	5.053526613	1.020172975
1.3717	0.98024571	0.19778359	4.956152886	0.201769401	5.056031193	1.020152386
1.3718	0.98026548	0.19768556	4.958710499	0.201665332	5.058538307	1.020131808
1.3719	0.98028525	0.19758754	4.961270649	0.201561267	5.061047960	1.020111241
1.3720	0.98030500	0.19748951	4.963833341	0.201457207	5.063560154	1.020090685
1.3721	0.98032474	0.19739148	4.966398579	0.201353150	5.066074895	1.020070140
1.3722	0.98034448	0.19729344	4.968966365	0.201249098	5.068592185	1.020049606
1.3723	0.98036420	0.19719541	4.971536705	0.201145050	5.071112029	1.020029084
1.3724	0.98038392	0.19709737	4.974109602	0.201041006	5.073634430	1.020008572
1.3725	0.98040362	0.19699933	4.976685060	0.200936967	5.076159393	1.019988071
1.3726	0.98042332	0.19690129	4.979263082	0.200832931	5.078686921	1.019967581
1.3727	0.98044300	0.19680325	4.981843673	0.200728900	5.081217018	1.019947102
1.3728	0.98046268	0.19670520	4.984426837	0.200624873	5.083749688	1.019926634
1.3729	0.98048234	0.19660715	4.987012577	0.200520850	5.086284935	1.019906178
1.3730	0.98050200	0.19650910	4.989600897	0.200416831	5.088822763	1.019885732
1.3731	0.98052165	0.19641105	4.992191801	0.200312816	5.091363175	1.019865297
1.3732	0.98054128	0.19631300	4.994785294	0.200208806	5.093906176	1.019844873
1.3733	0.98056091	0.19621494	4.997381379	0.200104800	5.096451770	1.019824461
1.3734	0.98058053	0.19611689	4.999980060	0.200000798	5.098999960	1.019804059
1.3735	0.98060013	0.19601883	5.002581340	0.199896800	5.101550751	1.019783668
1.3736	0.98061973	0.19592077	5.005185225	0.199792806	5.104104146	1.019763289
1.3737	0.98063932	0.19582270	5.007791717	0.199688816	5.106660150	1.019742920
1.3738	0.98065889	0.19572464	5.010400822	0.199584831	5.109218766	1.019722563
1.3739	0.98067846	0.19562657	5.013012542	0.199480849	5.111779998	1.019702216
1.3740	0.98069802	0.19552850	5.015626882	0.199376872	5.114343850	1.019681880
1.3741	0.98071757	0.19543043	5.018243846	0.199272899	5.116910327	1.019661556
1.3742	0.98073710	0.19533236	5.020863438	0.199168930	5.119479432	1.019641242
1.3743	0.98075663	0.19523429	5.023485661	0.199064966	5.122051170	1.019620940
1.3744	0.98077615	0.19513621	5.026110521	0.198961005	5.124625544	1.019600648
1.3745	0.98079566	0.19503813	5.028738020	0.198857048	5.127202558	1.019580367
1.3746	0.98081516	0.19494005	5.031368163	0.198753096	5.129782217	1.019560098
1.3747	0.98083465	0.19484197	5.034000954	0.198649148	5.132364524	1.019539839
1.3748	0.98085413	0.19474388	5.036636398	0.198545204	5.134949484	1.019519592
1.3749	0.98087360	0.19464580	5.039274497	0.198441264	5.137537100	1.019499355

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
1.3750	0.98089306	0.19454771	5.041915256	0.198337328	5.140127377	1.019479130
1.3751	0.98091251	0.19444962	5.044558680	0.198233396	5.142720319	1.019458915
1.3752	0.98093195	0.19435153	5.047204772	0.198129469	5.145315929	1.019438711
1.3753	0.98095138	0.19425343	5.049853537	0.198025545	5.147914213	1.019418519
1.3754	0.98097080	0.19415534	5.052504978	0.197921626	5.150515173	1.019398337
1.3755	0.98099021	0.19405724	5.055159099	0.197817711	5.153118815	1.019378167
1.3756	0.98100961	0.19395914	5.057815906	0.197713800	5.155725142	1.019358007
1.3757	0.98102900	0.19386104	5.060475401	0.197609892	5.158334158	1.019337858
1.3758	0.98104838	0.19376293	5.063137590	0.197505990	5.160945868	1.019317721
1.3759	0.98106775	0.19366483	5.065802475	0.197402091	5.163560275	1.019297594
1.3760	0.98108711	0.19356672	5.068470062	0.197298196	5.166177384	1.019277478
1.3761	0.98110647	0.19346861	5.071140354	0.197194305	5.168797200	1.019257374
1.3762	0.98112581	0.19337050	5.073813356	0.197090419	5.171419725	1.019237280
1.3763	0.98114514	0.19327238	5.076489072	0.196986537	5.174044965	1.019217197
1.3764	0.98116446	0.19317427	5.079167506	0.196882658	5.176672923	1.019197126
1.3765	0.98118377	0.19307615	5.081848662	0.196778784	5.179303604	1.019177065
1.3766	0.98120308	0.19297803	5.084532544	0.196674914	5.181937012	1.019157015
1.3767	0.98122237	0.19287991	5.087219158	0.196571048	5.184573151	1.019136976
1.3768	0.98124165	0.19278179	5.089908506	0.196467186	5.187212025	1.019116949
1.3769	0.98126093	0.19268366	5.092600593	0.196363328	5.189853639	1.019096932
1.3770	0.98128019	0.19258553	5.095295423	0.196259474	5.192497997	1.019076926
1.3771	0.98129944	0.19248741	5.097993001	0.196155624	5.195145103	1.019056931
1.3772	0.98131869	0.19238927	5.100693331	0.196051779	5.197794961	1.019036947
1.3773	0.98133792	0.19229114	5.103396417	0.195947937	5.200447576	1.019016974
1.3774	0.98135715	0.19219301	5.106102263	0.195844100	5.203102952	1.018997012
1.3775	0.98137636	0.19209487	5.108810875	0.195740266	5.205761092	1.018977061
1.3776	0.98139557	0.19199673	5.111522255	0.195636437	5.208422003	1.018957121
1.3777	0.98141476	0.19189859	5.114236408	0.195532611	5.211085687	1.018937192
1.3778	0.98143394	0.19180045	5.116953339	0.195428790	5.213752149	1.018917274
1.3779	0.98145312	0.19170230	5.119673052	0.195324973	5.216421394	1.018897367
1.3780	0.98147229	0.19160416	5.122395551	0.195221160	5.219093425	1.018877471
1.3781	0.98149144	0.19150601	5.125120840	0.195117351	5.221768247	1.018857586
1.3782	0.98151059	0.19140786	5.127848925	0.195013546	5.224445865	1.018837712
1.3783	0.98152972	0.19130971	5.130579809	0.194909745	5.227126283	1.018817849
1.3784	0.98154885	0.19121155	5.133313496	0.194805948	5.229809504	1.018797996
1.3785	0.98156796	0.19111340	5.136049992	0.194702155	5.232495534	1.018778155
1.3786	0.98158707	0.19101524	5.138789300	0.194598366	5.235184377	1.018758325
1.3787	0.98160617	0.19091708	5.141531424	0.194494581	5.237876038	1.018738505
1.3788	0.98162525	0.19081892	5.144276370	0.194390800	5.240570520	1.018718697
1.3789	0.98164433	0.19072076	5.147024142	0.194287023	5.243267828	1.018698899
1.3790	0.98166340	0.19062259	5.149774743	0.194183251	5.245967966	1.018679113
1.3791	0.98168246	0.19052442	5.152528179	0.194079482	5.248670940	1.018659337
1.3792	0.98170150	0.19042625	5.155284454	0.193975717	5.251376753	1.018639573
1.3793	0.98172054	0.19032808	5.158043572	0.193871957	5.254085410	1.018619819
1.3794	0.98173957	0.19022991	5.160805538	0.193768200	5.256796915	1.018600076
1.3795	0.98175859	0.19013173	5.163570356	0.193664447	5.259511272	1.018580345
1.3796	0.98177760	0.19003356	5.166338031	0.193560699	5.262228487	1.018560624
1.3797	0.98179659	0.18993538	5.169108568	0.193456954	5.264948564	1.018540914
1.3798	0.98181558	0.18983720	5.171881970	0.193353214	5.267671507	1.018521215
1.3799	0.98183456	0.18973902	5.174658242	0.193249477	5.270397321	1.018501527

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
1.3800	0.98185353	0.18964083	5.177437389	0.193145745	5.273126010	1.018481850
1.3801	0.98187249	0.18954264	5.180219415	0.193042016	5.275857578	1.018462184
1.3802	0.98189144	0.18944446	5.183004325	0.192938292	5.278592031	1.018442529
1.3803	0.98191038	0.18934627	5.185792123	0.192834571	5.281329373	1.018422885
1.3804	0.98192931	0.18924807	5.188582814	0.192730855	5.284069608	1.018403251
1.3805	0.98194823	0.18914988	5.191376403	0.192627142	5.286812741	1.018383629
1.3806	0.98196714	0.18905169	5.194172894	0.192523434	5.289558776	1.018364018
1.3807	0.98198604	0.18895349	5.196972291	0.192419729	5.292307719	1.018344417
1.3808	0.98200493	0.18885529	5.199774599	0.192316028	5.295059573	1.018324828
1.3809	0.98202381	0.18875709	5.202579824	0.192212332	5.297814344	1.018305249
1.3810	0.98204268	0.18865888	5.205387968	0.192108639	5.300572035	1.018285682
1.3811	0.98206154	0.18856068	5.208199038	0.192004951	5.303332652	1.018266125
1.3812	0.98208039	0.18846247	5.211013037	0.191901266	5.306096199	1.018246579
1.3813	0.98209923	0.18836426	5.213829971	0.191797586	5.308862681	1.018227044
1.3814	0.98211807	0.18826605	5.216649843	0.191693909	5.311632102	1.018207520
1.3815	0.98213689	0.18816784	5.219472660	0.191590236	5.314404467	1.018188008
1.3816	0.98215570	0.18806962	5.222298424	0.191486568	5.317179781	1.018168505
1.3817	0.98217450	0.18797141	5.225127141	0.191382903	5.319958049	1.018149014
1.3818	0.98219329	0.18787319	5.227958816	0.191279242	5.322739274	1.018129534
1.3819	0.98221208	0.18777497	5.230793453	0.191175585	5.325523463	1.018110065
1.3820	0.98223085	0.18767675	5.233631058	0.191071932	5.328310619	1.018090607
1.3821	0.98224961	0.18757852	5.236471634	0.190968284	5.331100747	1.018071159
1.3822	0.98226836	0.18748030	5.239315186	0.190864639	5.333893852	1.018051723
1.3823	0.98228711	0.18738207	5.242161720	0.190760998	5.336689939	1.018032297
1.3824	0.98230584	0.18728384	5.245011240	0.190657361	5.339489012	1.018012883
1.3825	0.98232456	0.18718561	5.247863750	0.190553728	5.342291076	1.017993479
1.3826	0.98234328	0.18708737	5.250719256	0.190450099	5.345096136	1.017974086
1.3827	0.98236198	0.18698914	5.253577762	0.190346473	5.347904198	1.017954704
1.3828	0.98238068	0.18689090	5.256439274	0.190242852	5.350715264	1.017935333
1.3829	0.98239936	0.18679266	5.259303795	0.190139235	5.353529341	1.017915973
1.3830	0.98241803	0.18669442	5.262171331	0.190035622	5.356346433	1.017896624
1.3831	0.98243670	0.18659618	5.265041886	0.189932012	5.359166545	1.017877286
1.3832	0.98245535	0.18649793	5.267915465	0.189828407	5.361989682	1.017857959
1.3833	0.98247400	0.18639969	5.270792074	0.189724805	5.364815849	1.017838642
1.3834	0.98249263	0.18630144	5.273671717	0.189621208	5.367645049	1.017819337
1.3835	0.98251126	0.18620319	5.276554398	0.189517614	5.370477290	1.017800042
1.3836	0.98252987	0.18610494	5.279440124	0.189414024	5.373312574	1.017780759
1.3837	0.98254848	0.18600668	5.282328898	0.189310439	5.376150908	1.017761486
1.3838	0.98256707	0.18590843	5.285220725	0.189206857	5.378992295	1.017742224
1.3839	0.98258566	0.18581017	5.288115611	0.189103279	5.381836742	1.017722973
1.3840	0.98260424	0.18571191	5.291013560	0.188999705	5.384684252	1.017703733
1.3841	0.98262280	0.18561365	5.293914577	0.188896134	5.387534831	1.017684504
1.3842	0.98264136	0.18551539	5.296818668	0.188792568	5.390388483	1.017665286
1.3843	0.98265991	0.18541712	5.299725837	0.188689006	5.393245215	1.017646078
1.3844	0.98267844	0.18531885	5.302636088	0.188585448	5.396105029	1.017626882
1.3845	0.98269697	0.18522059	5.305549428	0.188481893	5.398967932	1.017607697
1.3846	0.98271549	0.18512231	5.308465861	0.188378342	5.401833929	1.017588522
1.3847	0.98273399	0.18502404	5.311385392	0.188274796	5.404703024	1.017569358
1.3848	0.98275249	0.18492577	5.314308026	0.188171253	5.407575223	1.017550205
1.3849	0.98277098	0.18482749	5.317233768	0.188067714	5.410450530	1.017531063

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
1.3850	0.98278946	0.18472921	5.320162622	0.187964179	5.413328951	1.017511932
1.3851	0.98280793	0.18463093	5.323094595	0.187860648	5.416210490	1.017492812
1.3852	0.98282638	0.18453265	5.326029691	0.187757121	5.419095153	1.017473703
1.3853	0.98284483	0.18443437	5.328967915	0.187653597	5.421982944	1.017454605
1.3854	0.98286327	0.18433608	5.331909273	0.187550078	5.424873869	1.017435517
1.3855	0.98288170	0.18423780	5.334853768	0.187446562	5.427767933	1.017416441
1.3856	0.98290012	0.18413951	5.337801407	0.187343051	5.430665140	1.017397375
1.3857	0.98291853	0.18404122	5.340752195	0.187239543	5.433565497	1.017378320
1.3858	0.98293693	0.18394292	5.343706136	0.187136039	5.436469007	1.017359276
1.3859	0.98295532	0.18384463	5.346663236	0.187032539	5.439375677	1.017340243
1.3860	0.98297370	0.18374633	5.349623499	0.186929043	5.442285511	1.017321221
1.3861	0.98299206	0.18364803	5.352586932	0.186825550	5.445198514	1.017302210
1.3862	0.98301042	0.18354973	5.355553538	0.186722062	5.448114692	1.017283210
1.3863	0.98302877	0.18345143	5.358523324	0.186618577	5.451034050	1.017264220
1.3864	0.98304712	0.18335313	5.361496294	0.186515097	5.453956593	1.017245241
1.3865	0.98306545	0.18325482	5.364472454	0.186411620	5.456882325	1.017226274
1.3866	0.98308377	0.18315651	5.367451809	0.186308147	5.459811253	1.017207317
1.3867	0.98310208	0.18305821	5.370434364	0.186204678	5.462743382	1.017188371
1.3868	0.98312038	0.18295989	5.373420124	0.186101212	5.465678716	1.017169436
1.3869	0.98313867	0.18286158	5.376409094	0.185997751	5.468617261	1.017150512
1.3870	0.98315695	0.18276327	5.379401281	0.185894293	5.471559023	1.017131598
1.3871	0.98317522	0.18266495	5.382396688	0.185790840	5.474504005	1.017112696
1.3872	0.98319348	0.18256663	5.385395321	0.185687390	5.477452215	1.017093804
1.3873	0.98321173	0.18246831	5.388397186	0.185583944	5.480403656	1.017074924
1.3874	0.98322998	0.18236999	5.391402288	0.185480501	5.483358335	1.017056054
1.3875	0.98324821	0.18227167	5.394410632	0.185377063	5.486316256	1.017037195
1.3876	0.98326643	0.18217334	5.397422223	0.185273629	5.489277425	1.017018347
1.3877	0.98328464	0.18207501	5.400437067	0.185170198	5.492241847	1.016999509
1.3878	0.98330285	0.18197668	5.403455169	0.185066771	5.495209528	1.016980683
1.3879	0.98332104	0.18187835	5.406476534	0.184963348	5.498180473	1.016961868
1.3880	0.98333922	0.18178002	5.409501168	0.184859929	5.501154687	1.016943063
1.3881	0.98335739	0.18168168	5.412529076	0.184756513	5.504132175	1.016924269
1.3882	0.98337556	0.18158335	5.415560264	0.184653102	5.507112944	1.016905486
1.3883	0.98339371	0.18148501	5.418594737	0.184549694	5.510096997	1.016886714
1.3884	0.98341186	0.18138667	5.421632500	0.184446290	5.513084342	1.016867953
1.3885	0.98342999	0.18128833	5.424673558	0.184342890	5.516074983	1.016849203
1.3886	0.98344811	0.18118998	5.427717918	0.184239493	5.519068925	1.016830463
1.3887	0.98346623	0.18109164	5.430765585	0.184136101	5.522066174	1.016811735
1.3888	0.98348433	0.18099329	5.433816563	0.184032712	5.525066736	1.016793017
1.3889	0.98350243	0.18089494	5.436870859	0.183929327	5.528070616	1.016774310
1.3890	0.98352051	0.18079659	5.439928478	0.183825946	5.531077819	1.016755614
1.3891	0.98353858	0.18069824	5.442989425	0.183722569	5.534088351	1.016736929
1.3892	0.98355665	0.18059988	5.446053706	0.183619195	5.537102218	1.016718254
1.3893	0.98357470	0.18050152	5.449121327	0.183515826	5.540119424	1.016699591
1.3894	0.98359275	0.18040317	5.452192293	0.183412460	5.543139976	1.016680938
1.3895	0.98361079	0.18030481	5.455266609	0.183309098	5.546163879	1.016662297
1.3896	0.98362881	0.18020644	5.458344281	0.183205739	5.549191139	1.016643666
1.3897	0.98364683	0.18010808	5.461425315	0.183102385	5.552221760	1.016625046
1.3898	0.98366483	0.18000971	5.464509717	0.182999034	5.555255750	1.016606436
1.3899	0.98368283	0.17991135	5.467597491	0.182895687	5.558293112	1.016587838

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
1.3900	0.98370081	0.17981298	5.470688643	0.182792344	5.561333853	1.016569250
1.3901	0.98371879	0.17971461	5.473783179	0.182689005	5.564377979	1.016550674
1.3902	0.98373676	0.17961623	5.476881105	0.182585669	5.567425495	1.016532108
1.3903	0.98375471	0.17951786	5.479982427	0.182482337	5.570476406	1.016513553
1.3904	0.98377266	0.17941948	5.483087149	0.182379009	5.573530719	1.016495009
1.3905	0.98379060	0.17932110	5.486195277	0.182275685	5.576588439	1.016476475
1.3906	0.98380853	0.17922272	5.489306818	0.182172364	5.579649572	1.016457953
1.3907	0.98382644	0.17912434	5.492421777	0.182069047	5.582714123	1.016439441
1.3908	0.98384435	0.17902596	5.495540160	0.181965734	5.585782098	1.016420941
1.3909	0.98386225	0.17892757	5.498661971	0.181862425	5.588853503	1.016402451
1.3910	0.98388014	0.17882919	5.501787218	0.181759119	5.591928343	1.016383971
1.3911	0.98389801	0.17873080	5.504915906	0.181655818	5.595006625	1.016365503
1.3912	0.98391588	0.17863241	5.508048040	0.181552520	5.598088353	1.016347046
1.3913	0.98393374	0.17853402	5.511183626	0.181449225	5.601173534	1.016328599
1.3914	0.98395159	0.17843562	5.514322671	0.181345935	5.604262174	1.016310163
1.3915	0.98396943	0.17833722	5.517465179	0.181242648	5.607354278	1.016291738
1.3916	0.98398726	0.17823883	5.520611157	0.181139365	5.610449853	1.016273324
1.3917	0.98400508	0.17814043	5.523760611	0.181036086	5.613548903	1.016254921
1.3918	0.98402288	0.17804203	5.526913545	0.180932810	5.616651435	1.016236528
1.3919	0.98404068	0.17794362	5.530069967	0.180829538	5.619757454	1.016218147
1.3920	0.98405847	0.17784522	5.533229882	0.180726270	5.622866967	1.016199776
1.3921	0.98407625	0.17774681	5.536393296	0.180623006	5.625979979	1.016181416
1.3922	0.98409402	0.17764840	5.539560214	0.180519745	5.629096496	1.016163067
1.3923	0.98411178	0.17754999	5.542730643	0.180416489	5.632216525	1.016144729
1.3924	0.98412953	0.17745158	5.545904589	0.180313235	5.635340070	1.016126401
1.3925	0.98414727	0.17735317	5.549082057	0.180209986	5.638467139	1.016108084
1.3926	0.98416500	0.17725475	5.552263053	0.180106740	5.641597736	1.016089778
1.3927	0.98418272	0.17715633	5.555447584	0.180003498	5.644731867	1.016071483
1.3928	0.98420043	0.17705791	5.558635655	0.179900260	5.647869540	1.016053199
1.3929	0.98421814	0.17695949	5.561827272	0.179797026	5.651010759	1.016034926
1.3930	0.98423583	0.17686107	5.565022441	0.179693795	5.654155531	1.016016663
1.3931	0.98425351	0.17676265	5.568221169	0.179590568	5.657303862	1.015998411
1.3932	0.98427118	0.17666422	5.571423461	0.179487344	5.660455757	1.015980170
1.3933	0.98428884	0.17656579	5.574629323	0.179384124	5.663611223	1.015961940
1.3934	0.98430649	0.17646736	5.577838761	0.179280908	5.666770266	1.015943721
1.3935	0.98432413	0.17636893	5.581051782	0.179177696	5.669932891	1.015925512
1.3936	0.98434177	0.17627050	5.584268391	0.179074487	5.673099105	1.015907315
1.3937	0.98435939	0.17617206	5.587488594	0.178971283	5.676268915	1.015889128
1.3938	0.98437700	0.17607363	5.590712399	0.178868081	5.679442325	1.015870952
1.3939	0.98439460	0.17597519	5.593939809	0.178764884	5.682619343	1.015852786
1.3940	0.98441220	0.17587675	5.597170833	0.178661690	5.685799973	1.015834632
1.3941	0.98442978	0.17577830	5.600405476	0.178558500	5.688984223	1.015816488
1.3942	0.98444735	0.17567986	5.603643744	0.178455313	5.692172099	1.015798355
1.3943	0.98446491	0.17558141	5.606885642	0.178352131	5.695363606	1.015780233
1.3944	0.98448247	0.17548297	5.610131179	0.178248951	5.698558752	1.015762122
1.3945	0.98450001	0.17538452	5.613380359	0.178145776	5.701757541	1.015744022
1.3946	0.98451754	0.17528607	5.616633189	0.178042604	5.704959980	1.015725932
1.3947	0.98453507	0.17518761	5.619889675	0.177939436	5.708166076	1.015707853
1.3948	0.98455258	0.17508916	5.623149823	0.177836272	5.711375835	1.015689785
1.3949	0.98457009	0.17499070	5.626413640	0.177733111	5.714589263	1.015671728

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
1.3950	0.98458758	0.17489225	5.629681131	0.177629954	5.717806366	1.015653681
1.3951	0.98460506	0.17479379	5.632952304	0.177526801	5.721027150	1.015635646
1.3952	0.98462254	0.17469533	5.636227163	0.177423651	5.724251623	1.015617621
1.3953	0.98464000	0.17459686	5.639505717	0.177320505	5.727479789	1.015599607
1.3954	0.98465746	0.17449840	5.642787971	0.177217362	5.730711656	1.015581604
1.3955	0.98467490	0.17439993	5.646073930	0.177114224	5.733947229	1.015563611
1.3956	0.98469234	0.17430146	5.649363603	0.177011088	5.737186516	1.015545629
1.3957	0.98470976	0.17420299	5.652656994	0.176907957	5.740429522	1.015527659
1.3958	0.98472718	0.17410452	5.655954111	0.176804829	5.743676254	1.015509698
1.3959	0.98474458	0.17400605	5.659254960	0.176701705	5.746926718	1.015491749
1.3960	0.98476198	0.17390757	5.662559547	0.176598584	5.750180921	1.015473811
1.3961	0.98477937	0.17380909	5.665867878	0.176495468	5.753438868	1.015455883
1.3962	0.98479674	0.17371062	5.669179961	0.176392354	5.756700568	1.015437966
1.3963	0.98481411	0.17361214	5.672495800	0.176289245	5.759966025	1.015420060
1.3964	0.98483146	0.17351365	5.675815404	0.176186139	5.763235246	1.015402164
1.3965	0.98484881	0.17341517	5.679138779	0.176083036	5.766508239	1.015384280
1.3966	0.98486615	0.17331668	5.682465930	0.175979938	5.769785009	1.015366406
1.3967	0.98488347	0.17321820	5.685796865	0.175876843	5.773065562	1.015348543
1.3968	0.98490079	0.17311971	5.689131589	0.175773751	5.776349906	1.015330691
1.3969	0.98491810	0.17302122	5.692470111	0.175670663	5.779638047	1.015312849
1.3970	0.98493539	0.17292272	5.695812435	0.175567579	5.782929992	1.015295019
1.3971	0.98495268	0.17282423	5.699158569	0.175464498	5.786225747	1.015277199
1.3972	0.98496996	0.17272573	5.702508519	0.175361422	5.789525318	1.015259390
1.3973	0.98498723	0.17262723	5.705862292	0.175258348	5.792828712	1.015241591
1.3974	0.98500449	0.17252873	5.709219894	0.175155278	5.796135937	1.015223804
1.3975	0.98502173	0.17243023	5.712581332	0.175052212	5.799446997	1.015206027
1.3976	0.98503897	0.17233173	5.715946613	0.174949150	5.802761901	1.015188261
1.3977	0.98505620	0.17223323	5.719315743	0.174846091	5.806080655	1.015170506
1.3978	0.98507342	0.17213472	5.722688730	0.174743036	5.809403265	1.015152761
1.3979	0.98509063	0.17203621	5.726065579	0.174639984	5.812729739	1.015135027
1.3980	0.98510783	0.17193770	5.729446297	0.174536936	5.816060082	1.015117305
1.3981	0.98512501	0.17183919	5.732830892	0.174433891	5.819394302	1.015099592
1.3982	0.98514219	0.17174068	5.736219370	0.174330850	5.822732405	1.015081891
1.3983	0.98515936	0.17164216	5.739611737	0.174227813	5.826074398	1.015064200
1.3984	0.98517652	0.17154364	5.743008001	0.174124779	5.829420288	1.015046520
1.3985	0.98519367	0.17144513	5.746408167	0.174021749	5.832770082	1.015028851
1.3986	0.98521081	0.17134661	5.749812244	0.173918722	5.836123786	1.015011193
1.3987	0.98522794	0.17124808	5.753220238	0.173815699	5.839481407	1.014993545
1.3988	0.98524506	0.17114956	5.756632155	0.173712680	5.842842953	1.014975909
1.3989	0.98526217	0.17105103	5.760048003	0.173609664	5.846208429	1.014958283
1.3990	0.98527927	0.17095251	5.763467788	0.173506652	5.849577843	1.014940667
1.3991	0.98529636	0.17085398	5.766891517	0.173403643	5.852951202	1.014923063
1.3992	0.98531344	0.17075545	5.770319198	0.173300638	5.856328512	1.014905469
1.3993	0.98533051	0.17065692	5.773750836	0.173197637	5.859709781	1.014887886
1.3994	0.98534757	0.17055838	5.777186440	0.173094639	5.863095016	1.014870314
1.3995	0.98536462	0.17045985	5.780626015	0.172991644	5.866484222	1.014852752
1.3996	0.98538166	0.17036131	5.784069570	0.172888654	5.869877408	1.014835202
1.3997	0.98539870	0.17026277	5.787517110	0.172785666	5.873274580	1.014817662
1.3998	0.98541572	0.17016423	5.790968643	0.172682683	5.876675746	1.014800132
1.3999	0.98543273	0.17006569	5.794424176	0.172579702	5.880080912	1.014782614

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
1.4000	0.98544973	0.16996714	5.797883715	0.172476726	5.883490085	1.014765106
1.4001	0.98546672	0.16986860	5.801347269	0.172373753	5.886903272	1.014747609
1.4002	0.98548370	0.16977005	5.804814844	0.172270783	5.890320481	1.014730123
1.4003	0.98550068	0.16967150	5.808286447	0.172167817	5.893741719	1.014712648
1.4004	0.98551764	0.16957295	5.811762085	0.172064855	5.897166992	1.014695183
1.4005	0.98553459	0.16947440	5.815241765	0.171961896	5.900596307	1.014677729
1.4006	0.98555153	0.16937584	5.818725494	0.171858941	5.904029673	1.014660286
1.4007	0.98556847	0.16927729	5.822213280	0.171755989	5.907467095	1.014642853
1.4008	0.98558539	0.16917873	5.825705130	0.171653041	5.910908582	1.014625432
1.4009	0.98560230	0.16908017	5.829201051	0.171550096	5.914354140	1.014608021
1.4010	0.98561920	0.16898161	5.832701050	0.171447155	5.917803776	1.014590620
1.4011	0.98563610	0.16888305	5.836205134	0.171344217	5.921257498	1.014573231
1.4012	0.98565298	0.16878448	5.839713310	0.171241283	5.924715313	1.014555852
1.4013	0.98566985	0.16868591	5.843225586	0.171138352	5.928177228	1.014538484
1.4014	0.98568672	0.16858735	5.846741969	0.171035425	5.931643251	1.014521127
1.4015	0.98570357	0.16848878	5.850262467	0.170932502	5.935113388	1.014503780
1.4016	0.98572042	0.16839021	5.853787086	0.170829582	5.938587648	1.014486444
1.4017	0.98573725	0.16829163	5.857315834	0.170726665	5.942066036	1.014469119
1.4018	0.98575407	0.16819306	5.860848718	0.170623752	5.945548562	1.014451805
1.4019	0.98577089	0.16809448	5.864385746	0.170520843	5.949035231	1.014434501
1.4020	0.98578769	0.16799590	5.867926925	0.170417937	5.952526052	1.014417209
1.4021	0.98580449	0.16789733	5.871472262	0.170315034	5.956021031	1.014399927
1.4022	0.98582127	0.16779874	5.875021765	0.170212135	5.959520177	1.014382655
1.4023	0.98583805	0.16770016	5.878575440	0.170109240	5.963023496	1.014365394
1.4024	0.98585481	0.16760158	5.882133297	0.170006348	5.966530996	1.014348145
1.4025	0.98587157	0.16750299	5.885695341	0.169903459	5.970042684	1.014330905
1.4026	0.98588831	0.16740440	5.889261581	0.169800575	5.973558569	1.014313677
1.4027	0.98590505	0.16730581	5.892832024	0.169697693	5.977078657	1.014296459
1.4028	0.98592177	0.16720722	5.896406678	0.169594815	5.980602955	1.014279252
1.4029	0.98593849	0.16710863	5.899985549	0.169491941	5.984131472	1.014262056
1.4030	0.98595520	0.16701003	5.903568646	0.169389070	5.987664216	1.014244870
1.4031	0.98597189	0.16691144	5.907155976	0.169286202	5.991201192	1.014227695
1.4032	0.98598858	0.16681284	5.910747547	0.169183338	5.994742410	1.014210531
1.4033	0.98600525	0.16671424	5.914343366	0.169080477	5.998287877	1.014193378
1.4034	0.98602192	0.16661564	5.917943441	0.168977620	6.001837600	1.014176235
1.4035	0.98603858	0.16651703	5.921547779	0.168874767	6.005391586	1.014159103
1.4036	0.98605522	0.16641843	5.925156389	0.168771917	6.008949845	1.014141982
1.4037	0.98607186	0.16631982	5.928769278	0.168669070	6.012512382	1.014124872
1.4038	0.98608849	0.16622122	5.932386453	0.168566227	6.016079207	1.014107772
1.4039	0.98610511	0.16612261	5.936007922	0.168463387	6.019650326	1.014090683
1.4040	0.98612171	0.16602399	5.939633693	0.168360551	6.023225748	1.014073604
1.4041	0.98613831	0.16592538	5.943263774	0.168257718	6.026805480	1.014056537
1.4042	0.98615490	0.16582677	5.946898173	0.168154889	6.030389530	1.014039480
1.4043	0.98617148	0.16572815	5.950536897	0.168052063	6.033977905	1.014022434
1.4044	0.98618804	0.16562953	5.954179953	0.167949240	6.037570614	1.014005398
1.4045	0.98620460	0.16553091	5.957827351	0.167846421	6.041167664	1.013988373
1.4046	0.98622115	0.16543229	5.961479097	0.167743606	6.044769063	1.013971359
1.4047	0.98623769	0.16533367	5.965135200	0.167640794	6.048374819	1.013954356
1.4048	0.98625422	0.16523504	5.968795667	0.167537985	6.051984940	1.013937363
1.4049	0.98627074	0.16513642	5.972460507	0.167435180	6.055599434	1.013920381

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
1.4050	0.98628724	0.16503779	5.976129727	0.167332378	6.059218309	1.013903410
1.4051	0.98630374	0.16493916	5.979803335	0.167229580	6.062841572	1.013886449
1.4052	0.98632023	0.16484053	5.983481339	0.167126785	6.066469232	1.013869500
1.4053	0.98633671	0.16474190	5.987163748	0.167023994	6.070101296	1.013852561
1.4054	0.98635318	0.16464326	5.990850568	0.166921206	6.073737772	1.013835632
1.4055	0.98636964	0.16454463	5.994541808	0.166818421	6.077378669	1.013818714
1.4056	0.98638609	0.16444599	5.998237477	0.166715640	6.081023995	1.013801807
1.4057	0.98640253	0.16434735	6.001937582	0.166612862	6.084673757	1.013784911
1.4058	0.98641896	0.16424871	6.005642130	0.166510088	6.088327964	1.013768025
1.4059	0.98643538	0.16415006	6.009351132	0.166407317	6.091986624	1.013751151
1.4060	0.98645179	0.16405142	6.013064593	0.166304550	6.095649744	1.013734286
1.4061	0.98646819	0.16395277	6.016782524	0.166201786	6.099317334	1.013717433
1.4062	0.98648458	0.16385413	6.020504930	0.166099025	6.102989400	1.013700590
1.4063	0.98650096	0.16375548	6.024231822	0.165996268	6.106665952	1.013683758
1.4064	0.98651733	0.16365683	6.027963207	0.165893514	6.110346997	1.013666936
1.4065	0.98653369	0.16355817	6.031699093	0.165790764	6.114032544	1.013650126
1.4066	0.98655004	0.16345952	6.035439489	0.165688017	6.117722601	1.013633326
1.4067	0.98656638	0.16336086	6.039184402	0.165585273	6.121417176	1.013616536
1.4068	0.98658271	0.16326221	6.042933841	0.165482533	6.125116277	1.013599758
1.4069	0.98659904	0.16316355	6.046687814	0.165379796	6.128819913	1.013582990
1.4070	0.98661535	0.16306489	6.050446330	0.165277063	6.132528092	1.013566232
1.4071	0.98663165	0.16296622	6.054209397	0.165174333	6.136240822	1.013549486
1.4072	0.98664794	0.16286756	6.057977024	0.165071607	6.139958112	1.013532750
1.4073	0.98666422	0.16276890	6.061749217	0.164968883	6.143679970	1.013516025
1.4074	0.98668049	0.16267023	6.065525987	0.164866164	6.147406404	1.013499310
1.4075	0.98669676	0.16257156	6.069307341	0.164763447	6.151137423	1.013482606
1.4076	0.98671301	0.16247289	6.073093288	0.164660734	6.154873036	1.013465913
1.4077	0.98672925	0.16237422	6.076883836	0.164558025	6.158613250	1.013449231
1.4078	0.98674548	0.16227554	6.080678994	0.164455318	6.162358074	1.013432559
1.4079	0.98676171	0.16217687	6.084478771	0.164352616	6.166107517	1.013415898
1.4080	0.98677792	0.16207819	6.088283174	0.164249916	6.169861587	1.013399248
1.4081	0.98679412	0.16197951	6.092092212	0.164147220	6.173620293	1.013382608
1.4082	0.98681031	0.16188083	6.095905894	0.164044527	6.177383643	1.013365979
1.4083	0.98682650	0.16178215	6.099724228	0.163941838	6.181151645	1.013349360
1.4084	0.98684267	0.16168347	6.103547224	0.163839152	6.184924310	1.013332753
1.4085	0.98685883	0.16158478	6.107374889	0.163736469	6.188701644	1.013316156
1.4086	0.98687499	0.16148609	6.111207232	0.163633790	6.192483657	1.013299569
1.4087	0.98689113	0.16138741	6.115044263	0.163531114	6.196270357	1.013282994
1.4088	0.98690727	0.16128872	6.118885989	0.163428441	6.200061753	1.013266429
1.4089	0.98692339	0.16119002	6.122732419	0.163325772	6.203857854	1.013249874
1.4090	0.98693950	0.16109133	6.126583562	0.163223106	6.207658668	1.013233331
1.4091	0.98695561	0.16099264	6.130439427	0.163120444	6.211464205	1.013216798
1.4092	0.98697170	0.16089394	6.134300022	0.163017785	6.215274472	1.013200275
1.4093	0.98698779	0.16079524	6.138165357	0.162915129	6.219089479	1.013183764
1.4094	0.98700386	0.16069654	6.142035440	0.162812476	6.222909235	1.013167263
1.4095	0.98701993	0.16059784	6.145910280	0.162709827	6.226733748	1.013150773
1.4096	0.98703598	0.16049914	6.149789886	0.162607181	6.230563027	1.013134293
1.4097	0.98705203	0.16040043	6.153674266	0.162504539	6.234397082	1.013117824
1.4098	0.98706806	0.16030173	6.157563430	0.162401900	6.238235920	1.013101366
1.4099	0.98708409	0.16020302	6.161457387	0.162299264	6.242079551	1.013084918

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
1.4100	0.98710010	0.16010431	6.165356145	0.162196632	6.245927985	1.013068481
1.4101	0.98711611	0.16000560	6.169259713	0.162094003	6.249781229	1.013052055
1.4102	0.98713210	0.15990689	6.173168101	0.161991377	6.253639292	1.013035639
1.4103	0.98714809	0.15980817	6.177081317	0.161888754	6.257502185	1.013019234
1.4104	0.98716406	0.15970946	6.180999370	0.161786135	6.261369915	1.013002840
1.4105	0.98718003	0.15961074	6.184922270	0.161683519	6.265242493	1.012986456
1.4106	0.98719599	0.15951202	6.188850026	0.161580907	6.269119926	1.012970083
1.4107	0.98721193	0.15941330	6.192782646	0.161478298	6.273002224	1.012953721
1.4108	0.98722787	0.15931458	6.196720141	0.161375692	6.276889397	1.012937369
1.4109	0.98724380	0.15921586	6.200662518	0.161273089	6.280781453	1.012921028
1.4110	0.98725971	0.15911713	6.204609787	0.161170490	6.284678401	1.012904698
1.4111	0.98727562	0.15901840	6.208561957	0.161067894	6.288580251	1.012888378
1.4112	0.98729152	0.15891968	6.212519038	0.160965301	6.292487012	1.012872069
1.4113	0.98730740	0.15882095	6.216481039	0.160862712	6.296398693	1.012855771
1.4114	0.98732328	0.15872221	6.220447968	0.160760126	6.300315304	1.012839483
1.4115	0.98733915	0.15862348	6.224419836	0.160657543	6.304236853	1.012823206
1.4116	0.98735500	0.15852475	6.228396652	0.160554964	6.308163350	1.012806939
1.4117	0.98737085	0.15842601	6.232378425	0.160452388	6.312094805	1.012790684
1.4118	0.98738669	0.15832727	6.236365163	0.160349815	6.316031226	1.012774438
1.4119	0.98740252	0.15822853	6.240356878	0.160247245	6.319972624	1.012758204
1.4120	0.98741834	0.15812979	6.244353577	0.160144679	6.323919006	1.012741980
1.4121	0.98743414	0.15803105	6.248355271	0.160042116	6.327870384	1.012725767
1.4122	0.98744994	0.15793231	6.252361969	0.159939556	6.331826766	1.012709564
1.4123	0.98746573	0.15783356	6.256373680	0.159837000	6.335788162	1.012693372
1.4124	0.98748151	0.15773481	6.260390415	0.159734447	6.339754581	1.012677191
1.4125	0.98749728	0.15763606	6.264412181	0.159631897	6.343726033	1.012661021
1.4126	0.98751304	0.15753731	6.268438990	0.159529350	6.347702527	1.012644861
1.4127	0.98752878	0.15743856	6.272470850	0.159426807	6.351684073	1.012628711
1.4128	0.98754452	0.15733981	6.276507771	0.159324267	6.355670681	1.012612573
1.4129	0.98756025	0.15724105	6.280549763	0.159221730	6.359662359	1.012596444
1.4130	0.98757597	0.15714230	6.284596835	0.159119197	6.363659119	1.012580327
1.4131	0.98759168	0.15704354	6.288648998	0.159016666	6.367660969	1.012564220
1.4132	0.98760738	0.15694478	6.292706260	0.158914139	6.371667919	1.012548124
1.4133	0.98762307	0.15684602	6.296768631	0.158811616	6.375679979	1.012532039
1.4134	0.98763875	0.15674725	6.300836122	0.158709095	6.379697159	1.012515964
1.4135	0.98765442	0.15664849	6.304908742	0.158606578	6.383719468	1.012499900
1.4136	0.98767008	0.15654972	6.308986500	0.158504064	6.387746916	1.012483846
1.4137	0.98768573	0.15645095	6.313069407	0.158401553	6.391779513	1.012467803
1.4138	0.98770137	0.15635218	6.317157473	0.158299046	6.395817269	1.012451771
1.4139	0.98771700	0.15625341	6.321250706	0.158196542	6.399860193	1.012435749
1.4140	0.98773262	0.15615464	6.325349118	0.158094041	6.403908296	1.012419738
1.4141	0.98774823	0.15605587	6.329452718	0.157991543	6.407961588	1.012403737
1.4142	0.98776383	0.15595709	6.333561516	0.157889048	6.412020077	1.012387748
1.4143	0.98777942	0.15585831	6.337675522	0.157786557	6.416083776	1.012371768
1.4144	0.98779500	0.15575954	6.341794745	0.157684069	6.420152692	1.012355800
1.4145	0.98781057	0.15566076	6.345919197	0.157581584	6.424226837	1.012339842
1.4146	0.98782613	0.15556197	6.350048887	0.157479103	6.428306220	1.012323895
1.4147	0.98784169	0.15546319	6.354183824	0.157376624	6.432390852	1.012307958
1.4148	0.98785723	0.15536440	6.358324020	0.157274149	6.436480743	1.012292032
1.4149	0.98787276	0.15526562	6.362469485	0.157171677	6.440575902	1.012276117

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
1.4150	0.98788828	0.15516683	6.366620227	0.157069209	6.444676339	1.012260212
1.4151	0.98790379	0.15506804	6.370776259	0.156966743	6.448782066	1.012244318
1.4152	0.98791929	0.15496925	6.374937589	0.156864281	6.452893092	1.012228434
1.4153	0.98793479	0.15487046	6.379104228	0.156761822	6.457009428	1.012212561
1.4154	0.98795027	0.15477166	6.383276186	0.156659366	6.461131083	1.012196699
1.4155	0.98796574	0.15467287	6.387453474	0.156556913	6.465258068	1.012180847
1.4156	0.98798120	0.15457407	6.391636102	0.156454464	6.469390394	1.012165006
1.4157	0.98799666	0.15447527	6.395824080	0.156352018	6.473528069	1.012149175
1.4158	0.98801210	0.15437647	6.400017419	0.156249575	6.477671106	1.012133356
1.4159	0.98802753	0.15427767	6.404216128	0.156147135	6.481819515	1.012117546
1.4160	0.98804295	0.15417886	6.408420219	0.156044698	6.485973304	1.012101748
1.4161	0.98805837	0.15408006	6.412629702	0.155942265	6.490132486	1.012085960
1.4162	0.98807377	0.15398125	6.416844587	0.155839835	6.494297071	1.012070182
1.4163	0.98808916	0.15388244	6.421064884	0.155737408	6.498467069	1.012054416
1.4164	0.98810455	0.15378364	6.425290605	0.155634984	6.502642490	1.012038659
1.4165	0.98811992	0.15368482	6.429521760	0.155532563	6.506823346	1.012022914
1.4166	0.98813528	0.15358601	6.433758359	0.155430146	6.511009646	1.012007179
1.4167	0.98815064	0.15348720	6.438000412	0.155327732	6.515201402	1.011991455
1.4168	0.98816598	0.15338838	6.442247932	0.155225321	6.519398624	1.011975741
1.4169	0.98818131	0.15328956	6.446500928	0.155122913	6.523601322	1.011960038
1.4170	0.98819664	0.15319074	6.450759410	0.155020508	6.527809508	1.011944345
1.4171	0.98821195	0.15309192	6.455023391	0.154918106	6.532023191	1.011928663
1.4172	0.98822726	0.15299310	6.459292879	0.154815708	6.536242384	1.011912992
1.4173	0.98824255	0.15289428	6.463567887	0.154713313	6.540467096	1.011897331
1.4174	0.98825784	0.15279545	6.467848425	0.154610921	6.544697338	1.011881681
1.4175	0.98827311	0.15269663	6.472134503	0.154508532	6.548933122	1.011866042
1.4176	0.98828837	0.15259780	6.476426134	0.154406146	6.553174457	1.011850413
1.4177	0.98830363	0.15249897	6.480723326	0.154303764	6.557421355	1.011834795
1.4178	0.98831887	0.15240014	6.485026092	0.154201384	6.561673827	1.011819187
1.4179	0.98833411	0.15230131	6.489334442	0.154099008	6.565931884	1.011803590
1.4180	0.98834933	0.15220247	6.493648388	0.153996635	6.570195537	1.011788003
1.4181	0.98836455	0.15210364	6.497967940	0.153894265	6.574464796	1.011772427
1.4182	0.98837976	0.15200480	6.502293109	0.153791898	6.578739672	1.011756862
1.4183	0.98839495	0.15190596	6.506623907	0.153689535	6.583020178	1.011741307
1.4184	0.98841014	0.15180712	6.510960344	0.153587174	6.587306323	1.011725763
1.4185	0.98842531	0.15170828	6.515302431	0.153484817	6.591598120	1.011710230
1.4186	0.98844048	0.15160943	6.519650181	0.153382463	6.595895578	1.011694707
1.4187	0.98845563	0.15151059	6.524003603	0.153280112	6.600198710	1.011679195
1.4188	0.98847078	0.15141174	6.528362709	0.153177764	6.604507526	1.011663693
1.4189	0.98848592	0.15131290	6.532727511	0.153075419	6.608822038	1.011648202
1.4190	0.98850104	0.15121405	6.537098019	0.152973077	6.613142256	1.011632721
1.4191	0.98851616	0.15111520	6.541474244	0.152870739	6.617468193	1.011617251
1.4192	0.98853127	0.15101634	6.545856199	0.152768403	6.621799860	1.011601792
1.4193	0.98854636	0.15091749	6.550243895	0.152666071	6.626137267	1.011586343
1.4194	0.98856145	0.15081863	6.554637342	0.152563742	6.630480427	1.011570905
1.4195	0.98857653	0.15071978	6.559036553	0.152461416	6.634829350	1.011555477
1.4196	0.98859159	0.15062092	6.563441538	0.152359093	6.639184048	1.011540060
1.4197	0.98860665	0.15052206	6.567852310	0.152256773	6.643544533	1.011524654
1.4198	0.98862170	0.15042320	6.572268879	0.152154457	6.647910816	1.011509258
1.4199	0.98863674	0.15032433	6.576691257	0.152052143	6.652282908	1.011493873

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
1.4200	0.98865176	0.15022547	6.581119456	0.151949833	6.656660822	1.011478498
1.4201	0.98866678	0.15012660	6.585553488	0.151847525	6.661044568	1.011463134
1.4202	0.98868179	0.15002774	6.589993363	0.151745221	6.665434159	1.011447780
1.4203	0.98869679	0.14992887	6.594439094	0.151642920	6.669829605	1.011432437
1.4204	0.98871177	0.14983000	6.598890692	0.151540622	6.674230920	1.011417105
1.4205	0.98872675	0.14973113	6.603348170	0.151438327	6.678638113	1.011401783
1.4206	0.98874172	0.14963225	6.607811538	0.151336035	6.683051198	1.011386472
1.4207	0.98875668	0.14953338	6.612280808	0.151233747	6.687470186	1.011371171
1.4208	0.98877163	0.14943450	6.616755993	0.151131461	6.691895088	1.011355881
1.4209	0.98878657	0.14933562	6.621237104	0.151029178	6.696325917	1.011340602
1.4210	0.98880149	0.14923674	6.625724153	0.150926899	6.700762685	1.011325333
1.4211	0.98881641	0.14913786	6.630217152	0.150824623	6.705205402	1.011310075
1.4212	0.98883132	0.14903898	6.634716113	0.150722349	6.709654082	1.011294827
1.4213	0.98884622	0.14894010	6.639221048	0.150620079	6.714108736	1.011279590
1.4214	0.98886111	0.14884121	6.643731968	0.150517812	6.718569376	1.011264363
1.4215	0.98887599	0.14874232	6.648248887	0.150415548	6.723036015	1.011249147
1.4216	0.98889086	0.14864344	6.652771815	0.150313287	6.727508664	1.011233941
1.4217	0.98890572	0.14854455	6.657300765	0.150211029	6.731987335	1.011218747
1.4218	0.98892057	0.14844565	6.661835750	0.150108774	6.736472041	1.011203562
1.4219	0.98893541	0.14834676	6.666376780	0.150006523	6.740962793	1.011188388
1.4220	0.98895024	0.14824787	6.670923870	0.149904274	6.745459604	1.011173225
1.4221	0.98896506	0.14814897	6.675477030	0.149802028	6.749962487	1.011158073
1.4222	0.98897987	0.14805007	6.680036272	0.149699786	6.754471452	1.011142931
1.4223	0.98899467	0.14795118	6.684601611	0.149597546	6.758986514	1.011127799
1.4224	0.98900946	0.14785228	6.689173056	0.149495310	6.763507683	1.011112678
1.4225	0.98902424	0.14775337	6.693750622	0.149393077	6.768034973	1.011097568
1.4226	0.98903901	0.14765447	6.698334320	0.149290846	6.772568395	1.011082468
1.4227	0.98905377	0.14755557	6.702924163	0.149188619	6.777107962	1.011067379
1.4228	0.98906852	0.14745666	6.707520163	0.149086395	6.781653687	1.011052300
1.4229	0.98908326	0.14735775	6.712122332	0.148984174	6.786205582	1.011037232
1.4230	0.98909799	0.14725884	6.716730684	0.148881956	6.790763660	1.011022174
1.4231	0.98911271	0.14715993	6.721345231	0.148779741	6.795327932	1.011007127
1.4232	0.98912742	0.14706102	6.725965985	0.148677529	6.799898413	1.010992091
1.4233	0.98914212	0.14696211	6.730592958	0.148575320	6.804475114	1.010977065
1.4234	0.98915681	0.14686319	6.735226165	0.148473114	6.809058048	1.010962049
1.4235	0.98917150	0.14676428	6.739865617	0.148370911	6.813647227	1.010947045
1.4236	0.98918617	0.14666536	6.744511327	0.148268711	6.818242665	1.010932050
1.4237	0.98920083	0.14656644	6.749163308	0.148166514	6.822844374	1.010917067
1.4238	0.98921548	0.14646752	6.753821572	0.148064320	6.827452368	1.010902094
1.4239	0.98923012	0.14636860	6.758486133	0.147962129	6.832066658	1.010887131
1.4240	0.98924475	0.14626967	6.763157004	0.147859942	6.836687257	1.010872179
1.4241	0.98925938	0.14617075	6.767834196	0.147757757	6.841314180	1.010857238
1.4242	0.98927399	0.14607182	6.772517724	0.147655575	6.845947438	1.010842307
1.4243	0.98928859	0.14597289	6.777207600	0.147553396	6.850587044	1.010827386
1.4244	0.98930318	0.14587396	6.781903837	0.147451221	6.855233012	1.010812476
1.4245	0.98931777	0.14577503	6.786606448	0.147349048	6.859885355	1.010797577
1.4246	0.98933234	0.14567610	6.791315447	0.147246878	6.864544085	1.010782688
1.4247	0.98934690	0.14557716	6.796030846	0.147144712	6.869209216	1.010767810
1.4248	0.98936145	0.14547823	6.800752658	0.147042548	6.873880761	1.010752943
1.4249	0.98937600	0.14537929	6.805480897	0.146940387	6.878558733	1.010738085

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
1.4250	0.98939053	0.14528035	6.810215576	0.146838230	6.883243145	1.010723239
1.4251	0.98940505	0.14518141	6.814956709	0.146736075	6.887934011	1.010708403
1.4252	0.98941957	0.14508247	6.819704308	0.146633924	6.892631344	1.010693577
1.4253	0.98943407	0.14498353	6.824458387	0.146531775	6.897335157	1.010678763
1.4254	0.98944856	0.14488459	6.829218959	0.146429629	6.902045464	1.010663958
1.4255	0.98946305	0.14478564	6.833986038	0.146327487	6.906762278	1.010649164
1.4256	0.98947752	0.14468669	6.838759636	0.146225347	6.911485612	1.010634381
1.4257	0.98949198	0.14458774	6.843539769	0.146123210	6.916215480	1.010619608
1.4258	0.98950644	0.14448880	6.848326448	0.146021076	6.920951896	1.010604846
1.4259	0.98952088	0.14438984	6.853119688	0.145918946	6.925694872	1.010590094
1.4260	0.98953531	0.14429089	6.857919503	0.145816818	6.930444423	1.010575353
1.4261	0.98954974	0.14419194	6.862725905	0.145714693	6.935200563	1.010560623
1.4262	0.98956415	0.14409298	6.867538909	0.145612571	6.939963304	1.010545902
1.4263	0.98957856	0.14399402	6.872358528	0.145510453	6.944732661	1.010531193
1.4264	0.98959295	0.14389507	6.877184775	0.145408337	6.949508647	1.010516494
1.4265	0.98960734	0.14379611	6.882017666	0.145306224	6.954291276	1.010501805
1.4266	0.98962171	0.14369714	6.886857214	0.145204114	6.959080563	1.010487127
1.4267	0.98963608	0.14359818	6.891703431	0.145102007	6.963876520	1.010472460
1.4268	0.98965043	0.14349922	6.896556333	0.144999903	6.968679162	1.010457803
1.4269	0.98966478	0.14340025	6.901415934	0.144897802	6.973488502	1.010443157
1.4270	0.98967911	0.14330128	6.906282246	0.144795704	6.978304555	1.010428521
1.4271	0.98969344	0.14320231	6.911155285	0.144693609	6.983127335	1.010413896
1.4272	0.98970775	0.14310334	6.916035065	0.144591517	6.987956856	1.010399281
1.4273	0.98972206	0.14300437	6.920921598	0.144489428	6.992793131	1.010384677
1.4274	0.98973635	0.14290540	6.925814900	0.144387341	6.997636175	1.010370083
1.4275	0.98975064	0.14280643	6.930714985	0.144285258	7.002486002	1.010355500
1.4276	0.98976491	0.14270745	6.935621867	0.144183178	7.007342627	1.010340927
1.4277	0.98977918	0.14260847	6.940535560	0.144081100	7.012206063	1.010326365
1.4278	0.98979344	0.14250949	6.945456079	0.143979026	7.017076324	1.010311813
1.4279	0.98980768	0.14241051	6.950383437	0.143876954	7.021953426	1.010297272
1.4280	0.98982192	0.14231153	6.955317650	0.143774886	7.026837383	1.010282741
1.4281	0.98983614	0.14221255	6.960258731	0.143672820	7.031728208	1.010268221
1.4282	0.98985036	0.14211357	6.965206695	0.143570757	7.036625917	1.010253712
1.4283	0.98986457	0.14201458	6.970161556	0.143468698	7.041530524	1.010239213
1.4284	0.98987876	0.14191559	6.975123330	0.143366641	7.046442043	1.010224724
1.4285	0.98989295	0.14181660	6.980092030	0.143264587	7.051360489	1.010210246
1.4286	0.98990713	0.14171761	6.985067672	0.143162536	7.056285877	1.010195779
1.4287	0.98992129	0.14161862	6.990050269	0.143060488	7.061218221	1.010181322
1.4288	0.98993545	0.14151963	6.995039837	0.142958442	7.066157536	1.010166875
1.4289	0.98994960	0.14142064	7.000036391	0.142856400	7.071103837	1.010152440
1.4290	0.98996373	0.14132164	7.005039944	0.142754361	7.076057138	1.010138014
1.4291	0.98997786	0.14122264	7.010050513	0.142652324	7.081017454	1.010123599
1.4292	0.98999198	0.14112364	7.015068111	0.142550291	7.085984801	1.010109195
1.4293	0.99000609	0.14102464	7.020092754	0.142448260	7.090959192	1.010094801
1.4294	0.99002018	0.14092564	7.025124456	0.142346233	7.095940644	1.010080418
1.4295	0.99003427	0.14082664	7.030163233	0.142244208	7.100929171	1.010066045
1.4296	0.99004835	0.14072764	7.035209100	0.142142186	7.105924787	1.010051682
1.4297	0.99006242	0.14062863	7.040262072	0.142040167	7.110927509	1.010037331
1.4298	0.99007647	0.14052962	7.045322163	0.141938151	7.115937351	1.010022989
1.4299	0.99009052	0.14043062	7.050389390	0.141836138	7.120954328	1.010008658

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
1.4300	0.99010456	0.14033161	7.055463766	0.141734127	7.125978456	1.009994338
1.4301	0.99011859	0.14023259	7.060545309	0.141632120	7.131009750	1.009980028
1.4302	0.99013261	0.14013358	7.065634032	0.141530115	7.136048225	1.009965729
1.4303	0.99014662	0.14003457	7.070729951	0.141428114	7.141093896	1.009951440
1.4304	0.99016061	0.13993555	7.075833081	0.141326115	7.146146779	1.009937162
1.4305	0.99017460	0.13983654	7.080943438	0.141224119	7.151206890	1.009922894
1.4306	0.99018858	0.13973752	7.086061038	0.141122126	7.156274243	1.009908637
1.4307	0.99020255	0.13963850	7.091185896	0.141020136	7.161348854	1.009894390
1.4308	0.99021651	0.13953948	7.096318027	0.140918149	7.166430739	1.009880154
1.4309	0.99023046	0.13944046	7.101457447	0.140816164	7.171519914	1.009865928
1.4310	0.99024440	0.13934143	7.106604172	0.140714183	7.176616393	1.009851713
1.4311	0.99025833	0.13924241	7.111758217	0.140612204	7.181720193	1.009837508
1.4312	0.99027225	0.13914338	7.116919598	0.140510229	7.186831330	1.009823313
1.4313	0.99028615	0.13904435	7.122088331	0.140408256	7.191949819	1.009809130
1.4314	0.99030005	0.13894532	7.127264432	0.140306286	7.197075676	1.009794956
1.4315	0.99031394	0.13884629	7.132447916	0.140204319	7.202208916	1.009780794
1.4316	0.99032782	0.13874726	7.137638800	0.140102354	7.207349557	1.009766641
1.4317	0.99034169	0.13864823	7.142837099	0.140000393	7.212497613	1.009752499
1.4318	0.99035555	0.13854919	7.148042829	0.139898434	7.217653101	1.009738368
1.4319	0.99036940	0.13845016	7.153256007	0.139796479	7.222816037	1.009724247
1.4320	0.99038324	0.13835112	7.158476649	0.139694526	7.227986437	1.009710137
1.4321	0.99039707	0.13825208	7.163704770	0.139592576	7.233164317	1.009696037
1.4322	0.99041089	0.13815304	7.168940388	0.139490628	7.238349693	1.009681948
1.4323	0.99042470	0.13805400	7.174183517	0.139388684	7.243542582	1.009667869
1.4324	0.99043850	0.13795495	7.179434175	0.139286743	7.248742999	1.009653800
1.4325	0.99045229	0.13785591	7.184692378	0.139184804	7.253950962	1.009639743
1.4326	0.99046608	0.13775686	7.189958141	0.139082868	7.259166486	1.009625695
1.4327	0.99047985	0.13765782	7.195231483	0.138980935	7.264389588	1.009611658
1.4328	0.99049361	0.13755877	7.200512418	0.138879005	7.269620285	1.009597632
1.4329	0.99050736	0.13745972	7.205800964	0.138777078	7.274858592	1.009583616
1.4330	0.99052110	0.13736067	7.211097137	0.138675153	7.280104527	1.009569610
1.4331	0.99053483	0.13726161	7.216400954	0.138573232	7.285358106	1.009555615
1.4332	0.99054855	0.13716256	7.221712431	0.138471313	7.290619345	1.009541631
1.4333	0.99056226	0.13706350	7.227031586	0.138369397	7.295888262	1.009527657
1.4334	0.99057596	0.13696445	7.232358434	0.138267483	7.301164874	1.009513693
1.4335	0.99058966	0.13686539	7.237692993	0.138165573	7.306449196	1.009499740
1.4336	0.99060334	0.13676633	7.243035279	0.138063665	7.311741247	1.009485798
1.4337	0.99061701	0.13666727	7.248385311	0.137961761	7.317041042	1.009471866
1.4338	0.99063067	0.13656820	7.253743103	0.137859859	7.322348599	1.009457944
1.4339	0.99064432	0.13646914	7.259108674	0.137757960	7.327663935	1.009444033
1.4340	0.99065796	0.13637008	7.264482040	0.137656063	7.332987066	1.009430132
1.4341	0.99067160	0.13627101	7.269863220	0.137554170	7.338318011	1.009416242
1.4342	0.99068522	0.13617194	7.275252228	0.137452279	7.343656786	1.009402362
1.4343	0.99069883	0.13607287	7.280649084	0.137350391	7.349003408	1.009388493
1.4344	0.99071243	0.13597380	7.286053804	0.137248506	7.354357895	1.009374634
1.4345	0.99072603	0.13587473	7.291466406	0.137146624	7.359720263	1.009360786
1.4346	0.99073961	0.13577566	7.296886907	0.137044744	7.365090531	1.009346948
1.4347	0.99075318	0.13567658	7.302315324	0.136942868	7.370468715	1.009333121
1.4348	0.99076674	0.13557751	7.307751674	0.136840994	7.375854834	1.009319304
1.4349	0.99078030	0.13547843	7.313195976	0.136739122	7.381248904	1.009305498

x	sin(x)	cos(x)	tan(x)	cot(x)	sec(x)	csc(x)
1.4350	0.99079384	0.13537935	7.318648247	0.136637254	7.386650944	1.009291702
1.4351	0.99080737	0.13528027	7.324108505	0.136535388	7.392060970	1.009277916
1.4352	0.99082090	0.13518119	7.329576766	0.136433526	7.397479001	1.009264141
1.4353	0.99083441	0.13508211	7.335053050	0.136331666	7.402905054	1.009250377
1.4354	0.99084791	0.13498302	7.340537373	0.136229808	7.408339147	1.009236623
1.4355	0.99086140	0.13488394	7.346029753	0.136127954	7.413781298	1.009222879
1.4356	0.99087489	0.13478485	7.351530209	0.136026102	7.419231525	1.009209146
1.4357	0.99088836	0.13468576	7.357038759	0.135924253	7.424689845	1.009195423
1.4358	0.99090183	0.13458667	7.362555419	0.135822407	7.430156277	1.009181711
1.4359	0.99091528	0.13448758	7.368080209	0.135720564	7.435630839	1.009168010
1.4360	0.99092872	0.13438849	7.373613147	0.135618723	7.441113548	1.009154318
1.4361	0.99094216	0.13428939	7.379154249	0.135516885	7.446604423	1.009140637
1.4362	0.99095558	0.13419030	7.384703536	0.135415050	7.452103483	1.009126967
1.4363	0.99096900	0.13409120	7.390261025	0.135313218	7.457610744	1.009113307
1.4364	0.99098240	0.13399211	7.395826734	0.135211388	7.463126227	1.009099658
1.4365	0.99099579	0.13389301	7.401400682	0.135109561	7.468649948	1.009086019
1.4366	0.99100918	0.13379391	7.406982886	0.135007737	7.474181927	1.009072390
1.4367	0.99102255	0.13369481	7.412573367	0.134905916	7.479722182	1.009058772
1.4368	0.99103592	0.13359570	7.418172141	0.134804097	7.485270731	1.009045165
1.4369	0.99104927	0.13349660	7.423779229	0.134702282	7.490827593	1.009031568
1.4370	0.99106262	0.13339749	7.429394647	0.134600468	7.496392787	1.009017981
1.4371	0.99107595	0.13329839	7.435018416	0.134498658	7.501966332	1.009004405
1.4372	0.99108928	0.13319928	7.440650553	0.134396850	7.507548245	1.008990839
1.4373	0.99110259	0.13310017	7.446291078	0.134295046	7.513138547	1.008977284
1.4374	0.99111590	0.13300106	7.451940010	0.134193243	7.518737255	1.008963739
1.4375	0.99112919	0.13290194	7.457597366	0.134091444	7.524344389	1.008950205
1.4376	0.99114248	0.13280283	7.463263168	0.133989647	7.529959967	1.008936681
1.4377	0.99115575	0.13270372	7.468937432	0.133887853	7.535584010	1.008923167
1.4378	0.99116902	0.13260460	7.474620179	0.133786062	7.541216535	1.008909664
1.4379	0.99118227	0.13250548	7.480311428	0.133684274	7.546857562	1.008896172
1.4380	0.99119552	0.13240636	7.486011198	0.133582488	7.552507110	1.008882689
1.4381	0.99120875	0.13230724	7.491719507	0.133480705	7.558165199	1.008869218
1.4382	0.99122198	0.13220812	7.497436376	0.133378924	7.563831847	1.008855757
1.4383	0.99123520	0.13210900	7.503161824	0.133277147	7.569507075	1.008842306
1.4384	0.99124840	0.13200987	7.508895870	0.133175372	7.575190901	1.008828865
1.4385	0.99126160	0.13191075	7.514638534	0.133073600	7.580883345	1.008815436
1.4386	0.99127478	0.13181162	7.520389835	0.132971830	7.586584427	1.008802016
1.4387	0.99128796	0.13171249	7.526149793	0.132870063	7.592294166	1.008788607
1.4388	0.99130113	0.13161336	7.531918428	0.132768299	7.598012583	1.008775209
1.4389	0.99131428	0.13151423	7.537695759	0.132666538	7.603739695	1.008761820
1.4390	0.99132743	0.13141510	7.543481806	0.132564779	7.609475524	1.008748443
1.4391	0.99134057	0.13131597	7.549276589	0.132463023	7.615220090	1.008735075
1.4392	0.99135369	0.13121683	7.555080128	0.132361270	7.620973412	1.008721719
1.4393	0.99136681	0.13111770	7.560892443	0.132259519	7.626735510	1.008708372
1.4394	0.99137992	0.13101856	7.566713554	0.132157771	7.632506404	1.008695036
1.4395	0.99139301	0.13091942	7.572543480	0.132056026	7.638286114	1.008681711
1.4396	0.99140610	0.13082028	7.578382243	0.131954284	7.644074661	1.008668396
1.4397	0.99141918	0.13072114	7.584229863	0.131852544	7.649872065	1.008655091
1.4398	0.99143224	0.13062200	7.590086359	0.131750807	7.655678346	1.008641797
1.4399	0.99144530	0.13052285	7.595951752	0.131649072	7.661493524	1.008628513

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
1.4400	0.99145835	0.13042371	7.601826062	0.131547340	7.667317619	1.008615240
1.4401	0.99147139	0.13032456	7.607709310	0.131445611	7.673150653	1.008601977
1.4402	0.99148441	0.13022541	7.613601517	0.131343885	7.678992646	1.008588725
1.4403	0.99149743	0.13012627	7.619502703	0.131242161	7.684843618	1.008575483
1.4404	0.99151044	0.13002711	7.625412888	0.131140440	7.690703590	1.008562251
1.4405	0.99152344	0.12992796	7.631332094	0.131038721	7.696572583	1.008549030
1.4406	0.99153642	0.12982881	7.637260341	0.130937006	7.702450618	1.008535820
1.4407	0.99154940	0.12972966	7.643197650	0.130835292	7.708337714	1.008522619
1.4408	0.99156237	0.12963050	7.649144042	0.130733582	7.714233894	1.008509430
1.4409	0.99157533	0.12953134	7.655099538	0.130631874	7.720139179	1.008496250
1.4410	0.99158828	0.12943219	7.661064159	0.130530169	7.726053588	1.008483081
1.4411	0.99160121	0.12933303	7.667037926	0.130428467	7.731977144	1.008469923
1.4412	0.99161414	0.12923387	7.673020860	0.130326767	7.737909868	1.008456775
1.4413	0.99162706	0.12913470	7.679012983	0.130225070	7.743851780	1.008443637
1.4414	0.99163997	0.12903554	7.685014315	0.130123375	7.749802902	1.008430510
1.4415	0.99165287	0.12893638	7.691024879	0.130021683	7.755763256	1.008417393
1.4416	0.99166576	0.12883721	7.697044695	0.129919994	7.761732863	1.008404286
1.4417	0.99167864	0.12873804	7.703073786	0.129818307	7.767711745	1.008391190
1.4418	0.99169150	0.12863887	7.709112172	0.129716623	7.773699922	1.008378105
1.4419	0.99170436	0.12853970	7.715159875	0.129614942	7.779697417	1.008365030
1.4420	0.99171721	0.12844053	7.721216917	0.129513263	7.785704251	1.008351965
1.4421	0.99173005	0.12834136	7.727283320	0.129411587	7.791720446	1.008338911
1.4422	0.99174288	0.12824219	7.733359106	0.129309914	7.797746024	1.008325867
1.4423	0.99175570	0.12814301	7.739444296	0.129208243	7.803781008	1.008312833
1.4424	0.99176851	0.12804384	7.745538913	0.129106575	7.809825417	1.008299810
1.4425	0.99178131	0.12794466	7.751642978	0.129004909	7.815879276	1.008286798
1.4426	0.99179410	0.12784548	7.757756514	0.128903246	7.821942606	1.008273796
1.4427	0.99180688	0.12774630	7.763879543	0.128801586	7.828015429	1.008260804
1.4428	0.99181965	0.12764712	7.770012087	0.128699929	7.834097767	1.008247823
1.4429	0.99183241	0.12754794	7.776154168	0.128598273	7.840189643	1.008234852
1.4430	0.99184516	0.12744875	7.782305809	0.128496621	7.846291079	1.008221891
1.4431	0.99185790	0.12734957	7.788467032	0.128394971	7.852402098	1.008208941
1.4432	0.99187063	0.12725038	7.794637860	0.128293324	7.858522722	1.008196001
1.4433	0.99188335	0.12715119	7.800818315	0.128191679	7.864652973	1.008183072
1.4434	0.99189606	0.12705200	7.807008421	0.128090037	7.870792875	1.008170153
1.4435	0.99190876	0.12695281	7.813208199	0.127988398	7.876942450	1.008157245
1.4436	0.99192145	0.12685362	7.819417673	0.127886761	7.883101721	1.008144347
1.4437	0.99193413	0.12675443	7.825636865	0.127785127	7.889270711	1.008131459
1.4438	0.99194680	0.12665523	7.831865799	0.127683495	7.895449442	1.008118582
1.4439	0.99195946	0.12655604	7.838104497	0.127581866	7.901637939	1.008105715
1.4440	0.99197211	0.12645684	7.844352983	0.127480240	7.907836223	1.008092859
1.4441	0.99198475	0.12635764	7.850611280	0.127378616	7.914044318	1.008080013
1.4442	0.99199738	0.12625845	7.856879411	0.127276995	7.920262248	1.008067177
1.4443	0.99201000	0.12615925	7.863157399	0.127175376	7.926490035	1.008054352
1.4444	0.99202261	0.12606004	7.869445267	0.127073760	7.932727703	1.008041537
1.4445	0.99203521	0.12596084	7.875743040	0.126972147	7.938975276	1.008028733
1.4446	0.99204781	0.12586164	7.882050741	0.126870536	7.945232777	1.008015939
1.4447	0.99206039	0.12576243	7.888368393	0.126768927	7.951500230	1.008003155
1.4448	0.99207296	0.12566322	7.894696020	0.126667322	7.957777657	1.007990382
1.4449	0.99208552	0.12556402	7.901033646	0.126565718	7.964065085	1.007977619

x	sin(x)	cos(x)	tan(x)	cot(x)	sec(x)	csc(x)
1.4450	0.99209807	0.12546481	7.907381294	0.126464118	7.970362535	1.007964867
1.4451	0.99211061	0.12536560	7.913738990	0.126362520	7.976670032	1.007952125
1.4452	0.99212314	0.12526639	7.920106755	0.126260924	7.982987600	1.007939394
1.4453	0.99213567	0.12516717	7.926484616	0.126159331	7.989315263	1.007926672
1.4454	0.99214818	0.12506796	7.932872595	0.126057741	7.995653045	1.007913962
1.4455	0.99216068	0.12496874	7.939270717	0.125956153	8.002000970	1.007901261
1.4456	0.99217317	0.12486953	7.945679007	0.125854568	8.008359063	1.007888571
1.4457	0.99218565	0.12477031	7.952097489	0.125752985	8.014727348	1.007875892
1.4458	0.99219813	0.12467109	7.958526186	0.125651405	8.021105850	1.007863223
1.4459	0.99221059	0.12457187	7.964965125	0.125549828	8.027494593	1.007850564
1.4460	0.99222304	0.12447265	7.971414328	0.125448253	8.033893601	1.007837916
1.4461	0.99223548	0.12437342	7.977873822	0.125346680	8.040302900	1.007825278
1.4462	0.99224791	0.12427420	7.984343631	0.125245110	8.046722514	1.007812650
1.4463	0.99226034	0.12417497	7.990823779	0.125143543	8.053152468	1.007800033
1.4464	0.99227275	0.12407575	7.997314292	0.125041978	8.059592786	1.007787426
1.4465	0.99228515	0.12397652	8.003815195	0.124940416	8.066043495	1.007774830
1.4466	0.99229754	0.12387729	8.010326512	0.124838856	8.072504619	1.007762244
1.4467	0.99230993	0.12377806	8.016848269	0.124737299	8.078976183	1.007749668
1.4468	0.99232230	0.12367883	8.023380492	0.124635744	8.085458213	1.007737103
1.4469	0.99233466	0.12357960	8.029923204	0.124534192	8.091950733	1.007724548
1.4470	0.99234702	0.12348036	8.036476433	0.124432643	8.098453770	1.007712004
1.4471	0.99235936	0.12338113	8.043040204	0.124331096	8.104967348	1.007699470
1.4472	0.99237169	0.12328189	8.049614541	0.124229551	8.111491494	1.007686946
1.4473	0.99238402	0.12318265	8.056199471	0.124128009	8.118026233	1.007674433
1.4474	0.99239633	0.12308341	8.062795020	0.124026469	8.124571590	1.007661930
1.4475	0.99240863	0.12298417	8.069401212	0.123924932	8.131127593	1.007649437
1.4476	0.99242093	0.12288493	8.076018075	0.123823398	8.137694265	1.007636955
1.4477	0.99243321	0.12278569	8.082645635	0.123721866	8.144271634	1.007624484
1.4478	0.99244548	0.12268644	8.089283916	0.123620337	8.150859726	1.007612022
1.4479	0.99245775	0.12258720	8.095932946	0.123518810	8.157458567	1.007599571
1.4480	0.99247000	0.12248795	8.102592751	0.123417285	8.164068183	1.007587131
1.4481	0.99248224	0.12238871	8.109263357	0.123315763	8.170688600	1.007574701
1.4482	0.99249448	0.12228946	8.115944790	0.123214244	8.177319845	1.007562281
1.4483	0.99250670	0.12219021	8.122637078	0.123112727	8.183961944	1.007549871
1.4484	0.99251892	0.12209096	8.129340246	0.123011212	8.190614924	1.007537472
1.4485	0.99253112	0.12199170	8.136054321	0.122909701	8.197278812	1.007525084
1.4486	0.99254331	0.12189245	8.142779331	0.122808191	8.203953634	1.007512706
1.4487	0.99255550	0.12179319	8.149515301	0.122706684	8.210639418	1.007500338
1.4488	0.99256767	0.12169394	8.156262260	0.122605180	8.217336189	1.007487980
1.4489	0.99257984	0.12159468	8.163020233	0.122503678	8.224043976	1.007475633
1.4490	0.99259199	0.12149542	8.169789249	0.122402178	8.230762806	1.007463296
1.4491	0.99260414	0.12139616	8.176569333	0.122300681	8.237492705	1.007450970
1.4492	0.99261627	0.12129690	8.183360515	0.122199187	8.244233701	1.007438654
1.4493	0.99262840	0.12119764	8.190162820	0.122097695	8.250985821	1.007426348
1.4494	0.99264051	0.12109838	8.196976278	0.121996205	8.257749094	1.007414053
1.4495	0.99265262	0.12099911	8.203800914	0.121894718	8.264523545	1.007401768
1.4496	0.99266471	0.12089984	8.210636757	0.121793234	8.271309204	1.007389494
1.4497	0.99267680	0.12080058	8.217483834	0.121691751	8.278106098	1.007377229
1.4498	0.99268887	0.12070131	8.224342174	0.121590272	8.284914254	1.007364976
1.4499	0.99270094	0.12060204	8.231211804	0.121488795	8.291733701	1.007352732

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
1.4500	0.99271299	0.12050277	8.238092753	0.121387320	8.298564467	1.007340499
1.4501	0.99272504	0.12040350	8.244985048	0.121285848	8.305406579	1.007328277
1.4502	0.99273707	0.12030422	8.251888718	0.121184378	8.312260067	1.007316064
1.4503	0.99274910	0.12020495	8.258803791	0.121082910	8.319124958	1.007303862
1.4504	0.99276111	0.12010567	8.265730296	0.120981446	8.326001280	1.007291671
1.4505	0.99277312	0.12000640	8.272668260	0.120879983	8.332889063	1.007279490
1.4506	0.99278511	0.11990712	8.279617713	0.120778523	8.339788335	1.007267319
1.4507	0.99279710	0.11980784	8.286578684	0.120677066	8.346699125	1.007255158
1.4508	0.99280908	0.11970856	8.293551200	0.120575611	8.353621461	1.007243008
1.4509	0.99282104	0.11960928	8.300535291	0.120474158	8.360555372	1.007230869
1.4510	0.99283300	0.11951000	8.307530987	0.120372708	8.367500887	1.007218739
1.4511	0.99284494	0.11941071	8.314538315	0.120271260	8.374458036	1.007206620
1.4512	0.99285688	0.11931143	8.321557306	0.120169815	8.381426847	1.007194512
1.4513	0.99286881	0.11921214	8.328587988	0.120068372	8.388407351	1.007182413
1.4514	0.99288072	0.11911285	8.335630392	0.119966931	8.395399575	1.007170326
1.4515	0.99289263	0.11901356	8.342684545	0.119865493	8.402403550	1.007158248
1.4516	0.99290452	0.11891428	8.349750478	0.119764058	8.409419305	1.007146181
1.4517	0.99291641	0.11881498	8.356828222	0.119662625	8.416446871	1.007134124
1.4518	0.99292829	0.11871569	8.363917804	0.119561194	8.423486275	1.007122078
1.4519	0.99294015	0.11861640	8.371019256	0.119459766	8.430537550	1.007110041
1.4520	0.99295201	0.11851710	8.378132607	0.119358340	8.437600724	1.007098016
1.4521	0.99296386	0.11841781	8.385257887	0.119256917	8.444675827	1.007086000
1.4522	0.99297569	0.11831851	8.392395127	0.119155496	8.451762891	1.007073995
1.4523	0.99298752	0.11821921	8.399544356	0.119054077	8.458861944	1.007062001
1.4524	0.99299934	0.11811991	8.406705606	0.118952661	8.465973018	1.007050016
1.4525	0.99301115	0.11802061	8.413878906	0.118851247	8.473096143	1.007038042
1.4526	0.99302294	0.11792131	8.421064288	0.118749836	8.480231349	1.007026079
1.4527	0.99303473	0.11782201	8.428261781	0.118648427	8.487378668	1.007014126
1.4528	0.99304651	0.11772270	8.435471417	0.118547020	8.494538130	1.007002183
1.4529	0.99305827	0.11762340	8.442693227	0.118445616	8.501709765	1.006990250
1.4530	0.99307003	0.11752409	8.449927242	0.118344214	8.508893605	1.006978328
1.4531	0.99308178	0.11742479	8.457173492	0.118242815	8.516089682	1.006966416
1.4532	0.99309352	0.11732548	8.464432009	0.118141418	8.523298025	1.006954515
1.4533	0.99310524	0.11722617	8.471702824	0.118040023	8.530518668	1.006942624
1.4534	0.99311696	0.11712686	8.478985969	0.117938631	8.537751640	1.006930743
1.4535	0.99312867	0.11702754	8.486281475	0.117837242	8.544996973	1.006918872
1.4536	0.99314037	0.11692823	8.493589374	0.117735854	8.552254700	1.006907012
1.4537	0.99315206	0.11682891	8.500909698	0.117634469	8.559524852	1.006895163
1.4538	0.99316373	0.11672960	8.508242478	0.117533087	8.566807460	1.006883323
1.4539	0.99317540	0.11663028	8.515587747	0.117431706	8.574102558	1.006871494
1.4540	0.99318706	0.11653096	8.522945536	0.117330329	8.581410176	1.006859675
1.4541	0.99319871	0.11643164	8.530315877	0.117228953	8.588730347	1.006847867
1.4542	0.99321035	0.11633232	8.537698804	0.117127580	8.596063103	1.006836069
1.4543	0.99322197	0.11623300	8.545094348	0.117026209	8.603408477	1.006824281
1.4544	0.99323359	0.11613368	8.552502543	0.116924841	8.610766501	1.006812504
1.4545	0.99324520	0.11603436	8.559923419	0.116823475	8.618137208	1.006800737
1.4546	0.99325680	0.11593503	8.567357011	0.116722111	8.625520631	1.006788981
1.4547	0.99326839	0.11583570	8.574803351	0.116620750	8.632916802	1.006777234
1.4548	0.99327997	0.11573638	8.582262473	0.116519391	8.640325755	1.006765498
1.4549	0.99329153	0.11563705	8.589734408	0.116418035	8.647747522	1.006753773

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
1.4550	0.99330309	0.11553772	8.597219191	0.116316681	8.655182137	1.006742057
1.4551	0.99331464	0.11543839	8.604716855	0.116215329	8.662629633	1.006730353
1.4552	0.99332618	0.11533906	8.612227433	0.116113980	8.670090043	1.006718658
1.4553	0.99333771	0.11523972	8.619750958	0.116012632	8.677563401	1.006706974
1.4554	0.99334923	0.11514039	8.627287465	0.115911288	8.685049741	1.006695300
1.4555	0.99336074	0.11504105	8.634836988	0.115809945	8.692549097	1.006683636
1.4556	0.99337224	0.11494172	8.642399559	0.115708605	8.700061502	1.006671983
1.4557	0.99338373	0.11484238	8.649975213	0.115607268	8.707586990	1.006660340
1.4558	0.99339521	0.11474304	8.657563984	0.115505932	8.715125595	1.006648708
1.4559	0.99340668	0.11464370	8.665165907	0.115404599	8.722677353	1.006637085
1.4560	0.99341813	0.11454436	8.672781016	0.115303269	8.730242296	1.006625473
1.4561	0.99342958	0.11444502	8.680409345	0.115201940	8.737820460	1.006613872
1.4562	0.99344102	0.11434567	8.688050929	0.115100614	8.745411879	1.006602281
1.4563	0.99345245	0.11424633	8.695705802	0.114999291	8.753016588	1.006590700
1.4564	0.99346387	0.11414698	8.703374000	0.114897969	8.760634622	1.006579129
1.4565	0.99347528	0.11404763	8.711055558	0.114796650	8.768266016	1.006567569
1.4566	0.99348668	0.11394829	8.718750510	0.114695334	8.775910805	1.006556019
1.4567	0.99349807	0.11384894	8.726458892	0.114594019	8.783569023	1.006544480
1.4568	0.99350945	0.11374959	8.734180738	0.114492707	8.791240707	1.006532950
1.4569	0.99352082	0.11365024	8.741916086	0.114391398	8.798925892	1.006521431
1.4570	0.99353218	0.11355088	8.749664970	0.114290090	8.806624613	1.006509923
1.4571	0.99354353	0.11345153	8.757427425	0.114188785	8.814336907	1.006498425
1.4572	0.99355487	0.11335217	8.765203489	0.114087483	8.822062809	1.006486937
1.4573	0.99356620	0.11325282	8.772993196	0.113986182	8.829802354	1.006475459
1.4574	0.99357752	0.11315346	8.780796583	0.113884884	8.837555580	1.006463992
1.4575	0.99358883	0.11305410	8.788613686	0.113783588	8.845322522	1.006452535
1.4576	0.99360013	0.11295474	8.796444541	0.113682295	8.853103216	1.006441088
1.4577	0.99361142	0.11285538	8.804289185	0.113581003	8.860897700	1.006429652
1.4578	0.99362270	0.11275602	8.812147655	0.113479715	8.868706010	1.006418226
1.4579	0.99363398	0.11265666	8.820019987	0.113378428	8.876528182	1.006406810
1.4580	0.99364524	0.11255729	8.827906218	0.113277144	8.884364253	1.006395405
1.4581	0.99365649	0.11245793	8.835806385	0.113175862	8.892214261	1.006384010
1.4582	0.99366773	0.11235856	8.843720525	0.113074582	8.900078242	1.006372625
1.4583	0.99367896	0.11225920	8.851648676	0.112973304	8.907956235	1.006361251
1.4584	0.99369018	0.11215983	8.859590874	0.112872029	8.915848275	1.006349887
1.4585	0.99370139	0.11206046	8.867547158	0.112770756	8.923754401	1.006338533
1.4586	0.99371259	0.11196109	8.875517565	0.112669486	8.931674650	1.006327190
1.4587	0.99372378	0.11186171	8.883502133	0.112568217	8.939609060	1.006315857
1.4588	0.99373496	0.11176234	8.891500900	0.112466951	8.947557670	1.006304534
1.4589	0.99374614	0.11166297	8.899513904	0.112365688	8.955520516	1.006293222
1.4590	0.99375730	0.11156359	8.907541182	0.112264426	8.963497638	1.006281919
1.4591	0.99376845	0.11146422	8.915582774	0.112163167	8.971489074	1.006270628
1.4592	0.99377959	0.11136484	8.923638718	0.112061910	8.979494862	1.006259346
1.4593	0.99379072	0.11126546	8.931709053	0.111960655	8.987515041	1.006248075
1.4594	0.99380184	0.11116608	8.939793817	0.111859403	8.995549649	1.006236814
1.4595	0.99381295	0.11106670	8.947893049	0.111758153	9.003598725	1.006225564
1.4596	0.99382406	0.11096732	8.956006788	0.111656905	9.011662310	1.006214323
1.4597	0.99383515	0.11086794	8.964135073	0.111555660	9.019740440	1.006203093
1.4598	0.99384623	0.11076855	8.972277944	0.111454416	9.027833157	1.006191874
1.4599	0.99385730	0.11066917	8.980435441	0.111353175	9.035940499	1.006180664

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
1.4600	0.99386836	0.11056978	8.988607602	0.111251936	9.044062506	1.006169466
1.4601	0.99387942	0.11047039	8.996794467	0.111150700	9.052199218	1.006158277
1.4602	0.99389046	0.11037100	9.004996077	0.111049465	9.060350675	1.006147098
1.4603	0.99390149	0.11027161	9.013212472	0.110948233	9.068516916	1.006135930
1.4604	0.99391251	0.11017222	9.021443690	0.110847003	9.076697982	1.006124773
1.4605	0.99392352	0.11007283	9.029689774	0.110745776	9.084893913	1.006113625
1.4606	0.99393453	0.10997344	9.037950763	0.110644551	9.093104750	1.006102488
1.4607	0.99394552	0.10987404	9.046226699	0.110543327	9.101330534	1.006091361
1.4608	0.99395650	0.10977465	9.054517621	0.110442107	9.109571304	1.006080245
1.4609	0.99396747	0.10967525	9.062823570	0.110340888	9.117827102	1.006069139
1.4610	0.99397844	0.10957586	9.071144588	0.110239672	9.126097969	1.006058043
1.4611	0.99398939	0.10947646	9.079480717	0.110138457	9.134383947	1.006046957
1.4612	0.99400033	0.10937706	9.087831996	0.110037245	9.142685076	1.006035882
1.4613	0.99401126	0.10927766	9.096198469	0.109936036	9.151001398	1.006024817
1.4614	0.99402219	0.10917826	9.104580175	0.109834828	9.159332955	1.006013762
1.4615	0.99403310	0.10907885	9.112977159	0.109733623	9.167679788	1.006002718
1.4616	0.99404400	0.10897945	9.121389460	0.109632420	9.176041940	1.005991684
1.4617	0.99405490	0.10888004	9.129817122	0.109531219	9.184419452	1.005980660
1.4618	0.99406578	0.10878064	9.138260186	0.109430021	9.192812368	1.005969646
1.4619	0.99407665	0.10868123	9.146718696	0.109328824	9.201220729	1.005958643
1.4620	0.99408752	0.10858182	9.155192693	0.109227630	9.209644578	1.005947650
1.4621	0.99409837	0.10848241	9.163682221	0.109126438	9.218083957	1.005936668
1.4622	0.99410921	0.10838300	9.172187322	0.109025248	9.226538910	1.005925695
1.4623	0.99412004	0.10828359	9.180708039	0.108924061	9.235009480	1.005914733
1.4624	0.99413087	0.10818418	9.189244416	0.108822875	9.243495710	1.005903782
1.4625	0.99414168	0.10808477	9.197796496	0.108721692	9.251997643	1.005892840
1.4626	0.99415249	0.10798535	9.206364323	0.108620511	9.260515323	1.005881909
1.4627	0.99416328	0.10788594	9.214947940	0.108519333	9.269048793	1.005870989
1.4628	0.99417406	0.10778652	9.223547391	0.108418156	9.277598098	1.005860078
1.4629	0.99418484	0.10768710	9.232162720	0.108316982	9.286163281	1.005849178
1.4630	0.99419560	0.10758768	9.240793971	0.108215809	9.294744387	1.005838288
1.4631	0.99420635	0.10748826	9.249441189	0.108114640	9.303341459	1.005827408
1.4632	0.99421710	0.10738884	9.258104418	0.108013472	9.311954544	1.005816539
1.4633	0.99422783	0.10728942	9.266783704	0.107912306	9.320583684	1.005805680
1.4634	0.99423856	0.10718999	9.275479089	0.107811143	9.329228925	1.005794831
1.4635	0.99424927	0.10709057	9.284190621	0.107709981	9.337890312	1.005783993
1.4636	0.99425997	0.10699114	9.292918344	0.107608822	9.346567891	1.005773165
1.4637	0.99427067	0.10689172	9.301662302	0.107507666	9.355261706	1.005762347
1.4638	0.99428135	0.10679229	9.310422543	0.107406511	9.363971803	1.005751539
1.4639	0.99429203	0.10669286	9.319199111	0.107305358	9.372698228	1.005740742
1.4640	0.99430269	0.10659343	9.327992053	0.107204208	9.381441027	1.005729955
1.4641	0.99431334	0.10649400	9.336801414	0.107103060	9.390200245	1.005719178
1.4642	0.99432399	0.10639457	9.345627240	0.107001914	9.398975929	1.005708412
1.4643	0.99433462	0.10629514	9.354469579	0.106900770	9.407768126	1.005697656
1.4644	0.99434525	0.10619570	9.363328476	0.106799628	9.416576881	1.005686910
1.4645	0.99435586	0.10609627	9.372203979	0.106698489	9.425402242	1.005676174
1.4646	0.99436647	0.10599683	9.381096133	0.106597351	9.434244255	1.005665449
1.4647	0.99437706	0.10589739	9.390004987	0.106496216	9.443102968	1.005654734
1.4648	0.99438765	0.10579796	9.398930588	0.106395083	9.451978428	1.005644029
1.4649	0.99439822	0.10569852	9.407872982	0.106293952	9.460870682	1.005633335

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
1.4650	0.99440879	0.10559908	9.416832219	0.106192823	9.469779777	1.005622651
1.4651	0.99441934	0.10549964	9.425808344	0.106091697	9.478705763	1.005611977
1.4652	0.99442989	0.10540019	9.434801407	0.105990572	9.487648686	1.005601313
1.4653	0.99444042	0.10530075	9.443811456	0.105889450	9.496608595	1.005590660
1.4654	0.99445095	0.10520130	9.452838538	0.105788330	9.505585539	1.005580017
1.4655	0.99446146	0.10510186	9.461882703	0.105687212	9.514579565	1.005569384
1.4656	0.99447197	0.10500241	9.470943999	0.105586096	9.523590722	1.005558762
1.4657	0.99448246	0.10490296	9.480022476	0.105484982	9.532619060	1.005548150
1.4658	0.99449295	0.10480352	9.489118181	0.105383870	9.541664627	1.005537548
1.4659	0.99450342	0.10470407	9.498231165	0.105282761	9.550727473	1.005526956
1.4660	0.99451389	0.10460462	9.507361477	0.105181653	9.559807647	1.005516375
1.4661	0.99452434	0.10450516	9.516509166	0.105080548	9.568905199	1.005505804
1.4662	0.99453479	0.10440571	9.525674283	0.104979445	9.578020178	1.005495243
1.4663	0.99454523	0.10430626	9.534856877	0.104878344	9.587152636	1.005484693
1.4664	0.99455565	0.10420680	9.544056999	0.104777245	9.596302621	1.005474152
1.4665	0.99456607	0.10410735	9.553274698	0.104676148	9.605470184	1.005463622
1.4666	0.99457647	0.10400789	9.562510027	0.104575054	9.614655377	1.005453103
1.4667	0.99458687	0.10390843	9.571763035	0.104473961	9.623858249	1.005442593
1.4668	0.99459725	0.10380897	9.581033773	0.104372871	9.633078852	1.005432094
1.4669	0.99460763	0.10370951	9.590322294	0.104271782	9.642317237	1.005421605
1.4670	0.99461800	0.10361005	9.599628647	0.104170696	9.651573455	1.005411127
1.4671	0.99462835	0.10351059	9.608952885	0.104069612	9.660847558	1.005400659
1.4672	0.99463870	0.10341112	9.618295059	0.103968530	9.670139598	1.005390201
1.4673	0.99464903	0.10331166	9.627655222	0.103867450	9.679449627	1.005379753
1.4674	0.99465936	0.10321219	9.637033426	0.103766372	9.688777696	1.005369315
1.4675	0.99466968	0.10311273	9.646429722	0.103665297	9.698123859	1.005358888
1.4676	0.99467998	0.10301326	9.655844165	0.103564223	9.707488168	1.005348471
1.4677	0.99469028	0.10291379	9.665276805	0.103463152	9.716870676	1.005338064
1.4678	0.99470057	0.10281432	9.674727698	0.103362082	9.726271435	1.005327668
1.4679	0.99471084	0.10271485	9.684196894	0.103261015	9.735690499	1.005317282
1.4680	0.99472111	0.10261538	9.693684449	0.103159950	9.745127921	1.005306906
1.4681	0.99473137	0.10251591	9.703190416	0.103058887	9.754583756	1.005296540
1.4682	0.99474161	0.10241643	9.712714848	0.102957825	9.764058056	1.005286185
1.4683	0.99475185	0.10231696	9.722257800	0.102856766	9.773550876	1.005275840
1.4684	0.99476208	0.10221748	9.731819326	0.102755710	9.783062270	1.005265505
1.4685	0.99477229	0.10211801	9.741399480	0.102654655	9.792592293	1.005255181
1.4686	0.99478250	0.10201853	9.750998317	0.102553602	9.802140999	1.005244866
1.4687	0.99479270	0.10191905	9.760615892	0.102452551	9.811708444	1.005234562
1.4688	0.99480288	0.10181957	9.770252260	0.102351503	9.821294681	1.005224269
1.4689	0.99481306	0.10172009	9.779907476	0.102250456	9.830899767	1.005213985
1.4690	0.99482323	0.10162061	9.789581596	0.102149412	9.840523758	1.005203712
1.4691	0.99483338	0.10152112	9.799274676	0.102048369	9.850166708	1.005193449
1.4692	0.99484353	0.10142164	9.808986772	0.101947329	9.859828674	1.005183196
1.4693	0.99485367	0.10132216	9.818717939	0.101846291	9.869509713	1.005172954
1.4694	0.99486380	0.10122267	9.828468235	0.101745254	9.879209880	1.005162722
1.4695	0.99487391	0.10112318	9.838237716	0.101644220	9.888929232	1.005152500
1.4696	0.99488402	0.10102370	9.848026438	0.101543188	9.898667826	1.005142288
1.4697	0.99489412	0.10092421	9.857834460	0.101442158	9.908425719	1.005132087
1.4698	0.99490420	0.10082472	9.867661837	0.101341130	9.918202969	1.005121895
1.4699	0.99491428	0.10072523	9.877508629	0.101240104	9.927999633	1.005111715

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
1.4700	0.99492435	0.10062573	9.887374892	0.101139080	9.937815769	1.005101544
1.4701	0.99493441	0.10052624	9.897260685	0.101038058	9.947651434	1.005091383
1.4702	0.99494446	0.10042675	9.907166065	0.100937038	9.957506688	1.005081233
1.4703	0.99495449	0.10032725	9.917091092	0.100836020	9.967381588	1.005071094
1.4704	0.99496452	0.10022776	9.927035824	0.100735005	9.977276194	1.005060964
1.4705	0.99497454	0.10012826	9.937000320	0.100633991	9.987190564	1.005050845
1.4706	0.99498455	0.10002876	9.946984639	0.100532979	9.997124757	1.005040735
1.4707	0.99499454	0.09992926	9.956988840	0.100431970	10.00707883	1.005030637
1.4708	0.99500453	0.09982976	9.967012984	0.100330962	10.01705285	1.005020548
1.4709	0.99501451	0.09973026	9.977057130	0.100229956	10.02704687	1.005010470
1.4710	0.99502448	0.09963076	9.987121338	0.100128953	10.03706095	1.005000402
1.4711	0.99503444	0.09953126	9.997205669	0.100027951	10.04709516	1.004990344
1.4712	0.99504438	0.09943175	10.00731018	0.099926952	10.05714955	1.004980296
1.4713	0.99505432	0.09933225	10.01743494	0.099825954	10.06722419	1.004970259
1.4714	0.99506425	0.09923274	10.02758000	0.099724959	10.07731912	1.004960232
1.4715	0.99507417	0.09913323	10.03774543	0.099623965	10.08743443	1.004950215
1.4716	0.99508408	0.09903373	10.04793129	0.099522974	10.09757016	1.004940208
1.4717	0.99509398	0.09893422	10.05813764	0.099421984	10.10772639	1.004930212
1.4718	0.99510386	0.09883471	10.06836454	0.099320997	10.11790317	1.004920226
1.4719	0.99511374	0.09873520	10.07861205	0.099220011	10.12810056	1.004910250
1.4720	0.99512361	0.09863568	10.08888024	0.099119028	10.13831863	1.004900284
1.4721	0.99513347	0.09853617	10.09916917	0.099018046	10.14855744	1.004890329
1.4722	0.99514332	0.09843666	10.10947891	0.098917067	10.15881705	1.004880384
1.4723	0.99515316	0.09833714	10.11980951	0.098816089	10.16909752	1.004870449
1.4724	0.99516299	0.09823763	10.13016104	0.098715114	10.17939893	1.004860525
1.4725	0.99517280	0.09813811	10.14053356	0.098614140	10.18972134	1.004850610
1.4726	0.99518261	0.09803859	10.15092714	0.098513169	10.20006480	1.004840706
1.4727	0.99519241	0.09793907	10.16134185	0.098412199	10.21042938	1.004830812
1.4728	0.99520220	0.09783955	10.17177774	0.098311232	10.22081515	1.004820928
1.4729	0.99521198	0.09774003	10.18223488	0.098210266	10.23122217	1.004811055
1.4730	0.99522175	0.09764051	10.19271334	0.098109303	10.24165051	1.004801192
1.4731	0.99523151	0.09754099	10.20321318	0.098008341	10.25210024	1.004791339
1.4732	0.99524126	0.09744147	10.21373448	0.097907382	10.26257141	1.004781496
1.4733	0.99525100	0.09734194	10.22427728	0.097806424	10.27306410	1.004771664
1.4734	0.99526073	0.09724242	10.23484167	0.097705468	10.28357836	1.004761842
1.4735	0.99527045	0.09714289	10.24542770	0.097604515	10.29411428	1.004752030
1.4736	0.99528015	0.09704336	10.25603545	0.097503563	10.30467191	1.004742228
1.4737	0.99528985	0.09694383	10.26666498	0.097402613	10.31525132	1.004732437
1.4738	0.99529954	0.09684430	10.27731635	0.097301666	10.32585258	1.004722655
1.4739	0.99530922	0.09674477	10.28798964	0.097200720	10.33647575	1.004712884
1.4740	0.99531889	0.09664524	10.29868492	0.097099776	10.34712091	1.004703124
1.4741	0.99532855	0.09654571	10.30940225	0.096998834	10.35778812	1.004693373
1.4742	0.99533820	0.09644618	10.32014170	0.096897894	10.36847745	1.004683633
1.4743	0.99534784	0.09634664	10.33090334	0.096796956	10.37918897	1.004673903
1.4744	0.99535747	0.09624711	10.34168723	0.096696020	10.38992276	1.004664183
1.4745	0.99536709	0.09614757	10.35249346	0.096595086	10.40067886	1.004654473
1.4746	0.99537670	0.09604803	10.36332208	0.096494154	10.41145737	1.004644774
1.4747	0.99538630	0.09594849	10.37417317	0.096393224	10.42225834	1.004635085
1.4748	0.99539589	0.09584896	10.38504680	0.096292296	10.43308186	1.004625406
1.4749	0.99540547	0.09574942	10.39594303	0.096191370	10.44392798	1.004615737

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
1.4750	0.99541504	0.09564987	10.40686195	0.096090445	10.45479678	1.004606079
1.4751	0.99542460	0.09555033	10.41780361	0.095989523	10.46568833	1.004596431
1.4752	0.99543415	0.09545079	10.42876810	0.095888603	10.47660270	1.004586793
1.4753	0.99544369	0.09535125	10.43975548	0.095787684	10.48753996	1.004577165
1.4754	0.99545322	0.09525170	10.45076582	0.095686768	10.49850019	1.004567547
1.4755	0.99546274	0.09515216	10.46179920	0.095585853	10.50948346	1.004557940
1.4756	0.99547225	0.09505261	10.47285569	0.095484940	10.52048984	1.004548343
1.4757	0.99548175	0.09495306	10.48393537	0.095384029	10.53151940	1.004538756
1.4758	0.99549124	0.09485351	10.49503830	0.095283121	10.54257221	1.004529180
1.4759	0.99550072	0.09475396	10.50616456	0.095182214	10.55364836	1.004519613
1.4760	0.99551019	0.09465441	10.51731422	0.095081309	10.56474791	1.004510057
1.4761	0.99551965	0.09455486	10.52848736	0.094980406	10.57587094	1.004500511
1.4762	0.99552910	0.09445531	10.53968406	0.094879504	10.58701752	1.004490976
1.4763	0.99553854	0.09435575	10.55090438	0.094778605	10.59818773	1.004481450
1.4764	0.99554797	0.09425620	10.56214840	0.094677708	10.60938164	1.004471935
1.4765	0.99555739	0.09415664	10.57341620	0.094576812	10.62059933	1.004462430
1.4766	0.99556681	0.09405709	10.58470785	0.094475919	10.63184087	1.004452935
1.4767	0.99557621	0.09395753	10.59602343	0.094375027	10.64310634	1.004443451
1.4768	0.99558560	0.09385797	10.60736302	0.094274138	10.65439582	1.004433976
1.4769	0.99559498	0.09375841	10.61872669	0.094173250	10.66570937	1.004424512
1.4770	0.99560435	0.09365885	10.63011451	0.094072364	10.67704709	1.004415058
1.4771	0.99561371	0.09355929	10.64152658	0.093971480	10.68840905	1.004405615
1.4772	0.99562306	0.09345973	10.65296296	0.093870598	10.69979532	1.004396181
1.4773	0.99563240	0.09336017	10.66442373	0.093769717	10.71120598	1.004386758
1.4774	0.99564173	0.09326061	10.67590897	0.093668839	10.72264111	1.004377345
1.4775	0.99565105	0.09316104	10.68741876	0.093567963	10.73410079	1.004367942
1.4776	0.99566036	0.09306148	10.69895318	0.093467088	10.74558510	1.004358550
1.4777	0.99566967	0.09296191	10.71051231	0.093366215	10.75709412	1.004349167
1.4778	0.99567896	0.09286234	10.72209622	0.093265345	10.76862793	1.004339795
1.4779	0.99568824	0.09276277	10.73370500	0.093164476	10.78018660	1.004330433
1.4780	0.99569751	0.09266320	10.74533873	0.093063609	10.79177022	1.004321082
1.4781	0.99570677	0.09256363	10.75699749	0.092962744	10.80337887	1.004311740
1.4782	0.99571602	0.09246406	10.76868136	0.092861880	10.81501263	1.004302409
1.4783	0.99572526	0.09236449	10.78039042	0.092761019	10.82667158	1.004293088
1.4784	0.99573450	0.09226492	10.79212475	0.092660159	10.83835581	1.004283777
1.4785	0.99574372	0.09216534	10.80388444	0.092559302	10.85006539	1.004274477
1.4786	0.99575293	0.09206577	10.81566956	0.092458446	10.86180041	1.004265186
1.4787	0.99576213	0.09196619	10.82748021	0.092357592	10.87356095	1.004255906
1.4788	0.99577132	0.09186662	10.83931646	0.092256740	10.88534709	1.004246636
1.4789	0.99578050	0.09176704	10.85117839	0.092155890	10.89715892	1.004237376
1.4790	0.99578967	0.09166746	10.86306610	0.092055041	10.90899652	1.004228127
1.4791	0.99579884	0.09156788	10.87497966	0.091954195	10.92085998	1.004218887
1.4792	0.99580799	0.09146830	10.88691916	0.091853350	10.93274937	1.004209658
1.4793	0.99581713	0.09136872	10.89888469	0.091752508	10.94466480	1.004200439
1.4794	0.99582626	0.09126914	10.91087633	0.091651667	10.95660633	1.004191231
1.4795	0.99583538	0.09116955	10.92289416	0.091550828	10.96857406	1.004182032
1.4796	0.99584450	0.09106997	10.93493828	0.091449990	10.98056807	1.004172844
1.4797	0.99585360	0.09097038	10.94700877	0.091349155	10.99258846	1.004163666
1.4798	0.99586269	0.09087080	10.95910571	0.091248321	11.00463529	1.004154498
1.4799	0.99587177	0.09077121	10.97122920	0.091147490	11.01670868	1.004145341

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
1.4800	0.99588084	0.09067162	10.98337931	0.091046660	11.02880869	1.004136193
1.4801	0.99588991	0.09057204	10.99555615	0.090945832	11.04093543	1.004127056
1.4802	0.99589896	0.09047245	11.00775979	0.090845006	11.05308897	1.004117929
1.4803	0.99590800	0.09037286	11.01999034	0.090744181	11.06526941	1.004108812
1.4804	0.99591703	0.09027326	11.03224786	0.090643359	11.07747683	1.004099705
1.4805	0.99592606	0.09017367	11.04453246	0.090542538	11.08971133	1.004090609
1.4806	0.99593507	0.09007408	11.05684423	0.090441719	11.10197299	1.004081523
1.4807	0.99594407	0.08997449	11.06918326	0.090340902	11.11426192	1.004072447
1.4808	0.99595306	0.08987489	11.08154963	0.090240087	11.12657818	1.004063381
1.4809	0.99596205	0.08977530	11.09394343	0.090139273	11.13892189	1.004054326
1.4810	0.99597102	0.08967570	11.10636477	0.090038462	11.15129313	1.004045280
1.4811	0.99597998	0.08957610	11.11881373	0.089937652	11.16369199	1.004036245
1.4812	0.99598893	0.08947650	11.13129041	0.089836844	11.17611856	1.004027220
1.4813	0.99599788	0.08937690	11.14379489	0.089736038	11.18857294	1.004018205
1.4814	0.99600681	0.08927730	11.15632727	0.089635234	11.20105523	1.004009201
1.4815	0.99601573	0.08917770	11.16888765	0.089534431	11.21356550	1.004000206
1.4816	0.99602464	0.08907810	11.18147611	0.089433630	11.22610387	1.003991222
1.4817	0.99603355	0.08897850	11.19409276	0.089332831	11.23867042	1.003982248
1.4818	0.99604244	0.08887889	11.20673769	0.089232034	11.25126524	1.003973284
1.4819	0.99605132	0.08877929	11.21941099	0.089131239	11.26388844	1.003964331
1.4820	0.99606020	0.08867968	11.23211276	0.089030445	11.27654011	1.003955388
1.4821	0.99606906	0.08858008	11.24484309	0.088929654	11.28922035	1.003946454
1.4822	0.99607791	0.08848047	11.25760209	0.088828864	11.30192925	1.003937531
1.4823	0.99608675	0.08838086	11.27038984	0.088728075	11.31466691	1.003928619
1.4824	0.99609559	0.08828125	11.28320646	0.088627289	11.32743342	1.003919716
1.4825	0.99610441	0.08818164	11.29605203	0.088526504	11.34022889	1.003910824
1.4826	0.99611322	0.08808203	11.30892665	0.088425722	11.35305342	1.003901942
1.4827	0.99612203	0.08798242	11.32183042	0.088324941	11.36590710	1.003893070
1.4828	0.99613082	0.08788281	11.33476345	0.088224161	11.37879003	1.003884208
1.4829	0.99613960	0.08778319	11.34772583	0.088123384	11.39170231	1.003875356
1.4830	0.99614838	0.08768358	11.36071766	0.088022608	11.40464404	1.003866515
1.4831	0.99615714	0.08758396	11.37373904	0.087921834	11.41761533	1.003857684
1.4832	0.99616589	0.08748435	11.38679008	0.087821062	11.43061627	1.003848863
1.4833	0.99617464	0.08738473	11.39987088	0.087720292	11.44364697	1.003840052
1.4834	0.99618337	0.08728511	11.41298153	0.087619523	11.45670753	1.003831251
1.4835	0.99619209	0.08718549	11.42612214	0.087518756	11.46979804	1.003822461
1.4836	0.99620081	0.08708587	11.43929282	0.087417991	11.48291862	1.003813681
1.4837	0.99620951	0.08698625	11.45249366	0.087317228	11.49606937	1.003804910
1.4838	0.99621821	0.08688663	11.46572477	0.087216466	11.50925039	1.003796151
1.4839	0.99622689	0.08678701	11.47898626	0.087115707	11.52246179	1.003787401
1.4840	0.99623556	0.08668739	11.49227823	0.087014949	11.53570366	1.003778662
1.4841	0.99624423	0.08658776	11.50560079	0.086914192	11.54897612	1.003769932
1.4842	0.99625288	0.08648814	11.51895404	0.086813438	11.56227928	1.003761213
1.4843	0.99626152	0.08638851	11.53233809	0.086712685	11.57561323	1.003752504
1.4844	0.99627016	0.08628889	11.54575304	0.086611934	11.58897809	1.003743806
1.4845	0.99627878	0.08618926	11.55919900	0.086511185	11.60237396	1.003735117
1.4846	0.99628740	0.08608963	11.57267609	0.086410437	11.61580096	1.003726439
1.4847	0.99629600	0.08599000	11.58618441	0.086309691	11.62925918	1.003717771
1.4848	0.99630459	0.08589037	11.59972406	0.086208947	11.64274874	1.003709113
1.4849	0.99631318	0.08579074	11.61329516	0.086108205	11.65626975	1.003700465

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
1.4850	0.99632175	0.08569111	11.62689782	0.086007464	11.66982232	1.003691827
1.4851	0.99633032	0.08559147	11.64053215	0.085906725	11.68340655	1.003683200
1.4852	0.99633887	0.08549184	11.65419826	0.085805988	11.69702257	1.003674583
1.4853	0.99634741	0.08539221	11.66789625	0.085705253	11.71067048	1.003665976
1.4854	0.99635595	0.08529257	11.68162626	0.085604519	11.72435038	1.003657379
1.4855	0.99636447	0.08519294	11.69538837	0.085503787	11.73806241	1.003648792
1.4856	0.99637299	0.08509330	11.70918271	0.085403057	11.75180666	1.003640215
1.4857	0.99638149	0.08499366	11.72300940	0.085302329	11.76558326	1.003631649
1.4858	0.99638999	0.08489402	11.73686854	0.085201602	11.77939231	1.003623093
1.4859	0.99639847	0.08479438	11.75076026	0.085100877	11.79323393	1.003614547
1.4860	0.99640695	0.08469474	11.76468465	0.085000153	11.80710824	1.003606011
1.4861	0.99641541	0.08459510	11.77864186	0.084899432	11.82101535	1.003597486
1.4862	0.99642386	0.08449546	11.79263197	0.084798712	11.83495538	1.003588970
1.4863	0.99643231	0.08439582	11.80665513	0.084697994	11.84892845	1.003580465
1.4864	0.99644074	0.08429617	11.82071143	0.084597277	11.86293466	1.003571970
1.4865	0.99644917	0.08419653	11.83480101	0.084496562	11.87697415	1.003563485
1.4866	0.99645758	0.08409688	11.84892398	0.084395849	11.89104703	1.003555011
1.4867	0.99646599	0.08399724	11.86308045	0.084295138	11.90515341	1.003546546
1.4868	0.99647438	0.08389759	11.87727055	0.084194428	11.91929343	1.003538092
1.4869	0.99648277	0.08379794	11.89149440	0.084093720	11.93346719	1.003529648
1.4870	0.99649114	0.08369829	11.90575212	0.083993014	11.94767482	1.003521214
1.4871	0.99649951	0.08359864	11.92004383	0.083892309	11.96191644	1.003512790
1.4872	0.99650786	0.08349899	11.93436965	0.083791606	11.97619217	1.003504376
1.4873	0.99651621	0.08339934	11.94872971	0.083690905	11.99050214	1.003495973
1.4874	0.99652454	0.08329969	11.96312412	0.083590205	12.00484647	1.003487580
1.4875	0.99653287	0.08320004	11.97755302	0.083489507	12.01922528	1.003479197
1.4876	0.99654118	0.08310038	11.99201652	0.083388811	12.03363869	1.003470824
1.4877	0.99654949	0.08300073	12.00651475	0.083288117	12.04808684	1.003462461
1.4878	0.99655778	0.08290107	12.02104784	0.083187424	12.06256984	1.003454108
1.4879	0.99656607	0.08280142	12.03561591	0.083086733	12.07708782	1.003445766
1.4880	0.99657434	0.08270176	12.05021909	0.082986043	12.09164092	1.003437434
1.4881	0.99658261	0.08260210	12.06485751	0.082885355	12.10622925	1.003429112
1.4882	0.99659086	0.08250244	12.07953129	0.082784669	12.12085295	1.003420800
1.4883	0.99659911	0.08240279	12.09424057	0.082683985	12.13551214	1.003412498
1.4884	0.99660734	0.08230312	12.10898546	0.082583302	12.15020695	1.003404207
1.4885	0.99661557	0.08220346	12.12376612	0.082482621	12.16493752	1.003395925
1.4886	0.99662378	0.08210380	12.13858265	0.082381941	12.17970397	1.003387654
1.4887	0.99663199	0.08200414	12.15343520	0.082281263	12.19450643	1.003379393
1.4888	0.99664018	0.08190448	12.16832389	0.082180587	12.20934504	1.003371142
1.4889	0.99664837	0.08180481	12.18324886	0.082079912	12.22421993	1.003362901
1.4890	0.99665655	0.08170515	12.19821025	0.081979240	12.23913123	1.003354671
1.4891	0.99666471	0.08160548	12.21320817	0.081878568	12.25407907	1.003346451
1.4892	0.99667287	0.08150581	12.22824278	0.081777899	12.26906360	1.003338240
1.4893	0.99668101	0.08140615	12.24331420	0.081677231	12.28408493	1.003330040
1.4894	0.99668915	0.08130648	12.25842258	0.081576565	12.29914322	1.003321851
1.4895	0.99669727	0.08120681	12.27356803	0.081475900	12.31423860	1.003313671
1.4896	0.99670539	0.08110714	12.28875072	0.081375237	12.32937120	1.003305501
1.4897	0.99671349	0.08100747	12.30397076	0.081274575	12.34454116	1.003297342
1.4898	0.99672159	0.08090779	12.31922830	0.081173916	12.35974862	1.003289193
1.4899	0.99672968	0.08080812	12.33452348	0.081073258	12.37499372	1.003281054

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
1.4900	0.99673775	0.08070845	12.34985644	0.080972601	12.39027660	1.003272925
1.4901	0.99674582	0.08060877	12.36522732	0.080871946	12.40559739	1.003264806
1.4902	0.99675387	0.08050910	12.38063626	0.080771293	12.42095625	1.003256698
1.4903	0.99676192	0.08040942	12.39608340	0.080670642	12.43635331	1.003248600
1.4904	0.99676996	0.08030975	12.41156888	0.080569992	12.45178871	1.003240511
1.4905	0.99677798	0.08021007	12.42709285	0.080469343	12.46726260	1.003232433
1.4906	0.99678600	0.08011039	12.44265546	0.080368696	12.48277513	1.003224365
1.4907	0.99679400	0.08001071	12.45825684	0.080268051	12.49832643	1.003216308
1.4908	0.99680200	0.07991103	12.47389714	0.080167408	12.51391665	1.003208260
1.4909	0.99680999	0.07981135	12.48957651	0.080066766	12.52954594	1.003200223
1.4910	0.99681796	0.07971167	12.50529509	0.079966126	12.54521444	1.003192196
1.4911	0.99682593	0.07961199	12.52105304	0.079865487	12.56092231	1.003184179
1.4912	0.99683388	0.07951231	12.53685050	0.079764850	12.57666969	1.003176172
1.4913	0.99684183	0.07941262	12.55268761	0.079664215	12.59245672	1.003168175
1.4914	0.99684977	0.07931294	12.56856454	0.079563581	12.60828357	1.003160188
1.4915	0.99685769	0.07921325	12.58448143	0.079462949	12.62415038	1.003152212
1.4916	0.99686561	0.07911357	12.60043842	0.079362318	12.64005730	1.003144246
1.4917	0.99687352	0.07901388	12.61643569	0.079261689	12.65600448	1.003136290
1.4918	0.99688141	0.07891419	12.63247337	0.079161061	12.67199208	1.003128344
1.4919	0.99688930	0.07881450	12.64855161	0.079060436	12.68802025	1.003120408
1.4920	0.99689718	0.07871481	12.66467059	0.078959811	12.70408915	1.003112482
1.4921	0.99690504	0.07861512	12.68083044	0.078859189	12.72019893	1.003104567
1.4922	0.99691290	0.07851543	12.69703133	0.078758568	12.73634974	1.003096661
1.4923	0.99692074	0.07841574	12.71327342	0.078657948	12.75254175	1.003088766
1.4924	0.99692858	0.07831605	12.72955685	0.078557330	12.76877510	1.003080881
1.4925	0.99693641	0.07821635	12.74588179	0.078456714	12.78504997	1.003073006
1.4926	0.99694422	0.07811666	12.76224840	0.078356099	12.80136650	1.003065142
1.4927	0.99695203	0.07801697	12.77865684	0.078255486	12.81772487	1.003057287
1.4928	0.99695983	0.07791727	12.79510727	0.078154874	12.83412522	1.003049443
1.4929	0.99696761	0.07781757	12.81159985	0.078054264	12.85056772	1.003041608
1.4930	0.99697539	0.07771788	12.82813474	0.077953656	12.86705254	1.003033784
1.4931	0.99698316	0.07761818	12.84471211	0.077853049	12.88357983	1.003025970
1.4932	0.99699092	0.07751848	12.86133212	0.077752444	12.90014977	1.003018167
1.4933	0.99699866	0.07741878	12.87799494	0.077651840	12.91676251	1.003010373
1.4934	0.99700640	0.07731908	12.89470073	0.077551238	12.93341822	1.003002589
1.4935	0.99701413	0.07721938	12.91144966	0.077450637	12.95011708	1.002994816
1.4936	0.99702184	0.07711968	12.92824189	0.077350038	12.96685924	1.002987053
1.4937	0.99702955	0.07701997	12.94507760	0.077249440	12.98364487	1.002979300
1.4938	0.99703725	0.07692027	12.96195696	0.077148844	13.00047415	1.002971557
1.4939	0.99704493	0.07682057	12.97888013	0.077048250	13.01734725	1.002963824
1.4940	0.99705261	0.07672086	12.99584728	0.076947657	13.03426433	1.002956102
1.4941	0.99706028	0.07662116	13.01285859	0.076847066	13.05122556	1.002948389
1.4942	0.99706794	0.07652145	13.02991424	0.076746476	13.06823113	1.002940687
1.4943	0.99707558	0.07642174	13.04701438	0.076645888	13.08528121	1.002932995
1.4944	0.99708322	0.07632204	13.06415921	0.076545301	13.10237596	1.002925313
1.4945	0.99709085	0.07622233	13.08134889	0.076444716	13.11951557	1.002917641
1.4946	0.99709846	0.07612262	13.09858361	0.076344132	13.13670021	1.002909979
1.4947	0.99710607	0.07602291	13.11586353	0.076243550	13.15393007	1.002902328
1.4948	0.99711367	0.07592320	13.13318884	0.076142970	13.17120530	1.002894686
1.4949	0.99712126	0.07582348	13.15055972	0.076042391	13.18852611	1.002887055

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
1.4950	0.99712883	0.07572377	13.16797635	0.075941813	13.20589267	1.002879434
1.4951	0.99713640	0.07562406	13.18543890	0.075841237	13.22330515	1.002871823
1.4952	0.99714396	0.07552434	13.20294757	0.075740663	13.24076374	1.002864222
1.4953	0.99715151	0.07542463	13.22050253	0.075640090	13.25826863	1.002856631
1.4954	0.99715904	0.07532491	13.23810397	0.075539519	13.27582000	1.002849051
1.4955	0.99716657	0.07522520	13.25575207	0.075438949	13.29341803	1.002841480
1.4956	0.99717409	0.07512548	13.27344702	0.075338380	13.31106291	1.002833920
1.4957	0.99718160	0.07502576	13.29118901	0.075237814	13.32875483	1.002826370
1.4958	0.99718909	0.07492604	13.30897823	0.075137248	13.34649397	1.002818830
1.4959	0.99719658	0.07482633	13.32681485	0.075036684	13.36428053	1.002811300
1.4960	0.99720406	0.07472661	13.34469909	0.074936122	13.38211470	1.002803781
1.4961	0.99721153	0.07462688	13.36263112	0.074835561	13.39999666	1.002796271
1.4962	0.99721898	0.07452716	13.38061113	0.074735002	13.41792660	1.002788772
1.4963	0.99722643	0.07442744	13.39863933	0.074634444	13.43590473	1.002781282
1.4964	0.99723387	0.07432772	13.41671591	0.074533888	13.45393124	1.002773803
1.4965	0.99724130	0.07422799	13.43484105	0.074433333	13.47200631	1.002766334
1.4966	0.99724872	0.07412827	13.45301496	0.074332780	13.49013015	1.002758875
1.4967	0.99725612	0.07402854	13.47123784	0.074232228	13.50830296	1.002751427
1.4968	0.99726352	0.07392882	13.48950988	0.074131678	13.52652493	1.002743988
1.4969	0.99727091	0.07382909	13.50783128	0.074031129	13.54479627	1.002736560
1.4970	0.99727829	0.07372936	13.52620225	0.073930582	13.56311716	1.002729141
1.4971	0.99728565	0.07362964	13.54462298	0.073830036	13.58148783	1.002721733
1.4972	0.99729301	0.07352991	13.56309368	0.073729492	13.59990846	1.002714335
1.4973	0.99730036	0.07343018	13.58161455	0.073628949	13.61837926	1.002706947
1.4974	0.99730770	0.07333045	13.60018580	0.073528407	13.63690044	1.002699569
1.4975	0.99731503	0.07323072	13.61880763	0.073427867	13.65547221	1.002692202
1.4976	0.99732234	0.07313098	13.63748025	0.073327329	13.67409476	1.002684844
1.4977	0.99732965	0.07303125	13.65620387	0.073226792	13.69276832	1.002677497
1.4978	0.99733695	0.07293152	13.67497870	0.073126256	13.71149308	1.002670160
1.4979	0.99734424	0.07283178	13.69380495	0.073025722	13.73026926	1.002662833
1.4980	0.99735152	0.07273205	13.71268283	0.072925190	13.74909708	1.002655516
1.4981	0.99735879	0.07263231	13.73161256	0.072824659	13.76797673	1.002648209
1.4982	0.99736604	0.07253258	13.75059434	0.072724129	13.78690845	1.002640912
1.4983	0.99737329	0.07243284	13.76962840	0.072623601	13.80589244	1.002633626
1.4984	0.99738053	0.07233310	13.78871494	0.072523074	13.82492893	1.002626349
1.4985	0.99738776	0.07223336	13.80785420	0.072422549	13.84401812	1.002619083
1.4986	0.99739498	0.07213362	13.82704639	0.072322025	13.86316024	1.002611827
1.4987	0.99740219	0.07203389	13.84629172	0.072221503	13.88235550	1.002604581
1.4988	0.99740938	0.07193414	13.86559042	0.072120982	13.90160414	1.002597345
1.4989	0.99741657	0.07183440	13.88494271	0.072020463	13.92090637	1.002590119
1.4990	0.99742375	0.07173466	13.90434882	0.071919945	13.94026241	1.002582904
1.4991	0.99743092	0.07163492	13.92380897	0.071819428	13.95967250	1.002575698
1.4992	0.99743808	0.07153517	13.94332339	0.071718913	13.97913685	1.002568503
1.4993	0.99744523	0.07143543	13.96289230	0.071618400	13.99865570	1.002561317
1.4994	0.99745236	0.07133569	13.98251594	0.071517887	14.01822927	1.002554142
1.4995	0.99745949	0.07123594	14.00219453	0.071417377	14.03785780	1.002546977
1.4996	0.99746661	0.07113619	14.02192830	0.071316867	14.05754151	1.002539822
1.4997	0.99747372	0.07103645	14.04171750	0.071216359	14.07728064	1.002532678
1.4998	0.99748082	0.07093670	14.06156235	0.071115853	14.09707543	1.002525543
1.4999	0.99748791	0.07083695	14.08146308	0.071015348	14.11692610	1.002518419

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
1.5000	0.99749499	0.07073720	14.10141995	0.070914844	14.13683290	1.002511304
1.5001	0.99750206	0.07063745	14.12143317	0.070814342	14.15679607	1.002504200
1.5002	0.99750911	0.07053770	14.14150300	0.070713841	14.17681583	1.002497106
1.5003	0.99751616	0.07043795	14.16162968	0.070613342	14.19689244	1.002490022
1.5004	0.99752320	0.07033820	14.18181343	0.070512844	14.21702614	1.002482948
1.5005	0.99753023	0.07023845	14.20205452	0.070412348	14.23721717	1.002475884
1.5006	0.99753725	0.07013869	14.22235319	0.070311853	14.25746577	1.002468831
1.5007	0.99754426	0.07003894	14.24270967	0.070211359	14.27777219	1.002461787
1.5008	0.99755126	0.06993918	14.26312423	0.070110867	14.29813668	1.002454754
1.5009	0.99755825	0.06983943	14.28359710	0.070010376	14.31855950	1.002447731
1.5010	0.99756523	0.06973967	14.30412854	0.069909886	14.33904088	1.002440718
1.5011	0.99757219	0.06963991	14.32471880	0.069809398	14.35958108	1.002433715
1.5012	0.99757915	0.06954016	14.34536814	0.069708912	14.38018035	1.002426722
1.5013	0.99758610	0.06944040	14.36607680	0.069608426	14.40083896	1.002419739
1.5014	0.99759304	0.06934064	14.38684506	0.069507943	14.42155715	1.002412766
1.5015	0.99759997	0.06924088	14.40767315	0.069407460	14.44233519	1.002405804
1.5016	0.99760689	0.06914112	14.42856135	0.069306979	14.46317333	1.002398851
1.5017	0.99761380	0.06904136	14.44950991	0.069206499	14.48407183	1.002391909
1.5018	0.99762070	0.06894160	14.47051911	0.069106021	14.50503096	1.002384977
1.5019	0.99762759	0.06884183	14.49158919	0.069005544	14.52605098	1.002378055
1.5020	0.99763447	0.06874207	14.51272043	0.068905069	14.54713216	1.002371143
1.5021	0.99764134	0.06864231	14.53391309	0.068804595	14.56827477	1.002364241
1.5022	0.99764819	0.06854254	14.55516744	0.068704122	14.58947906	1.002357350
1.5023	0.99765504	0.06844278	14.57648376	0.068603651	14.61074532	1.002350468
1.5024	0.99766188	0.06834301	14.59786231	0.068503181	14.63207381	1.002343597
1.5025	0.99766871	0.06824325	14.61930337	0.068402712	14.65346481	1.002336735
1.5026	0.99767553	0.06814348	14.64080721	0.068302245	14.67491859	1.002329884
1.5027	0.99768234	0.06804371	14.66237411	0.068201779	14.69643543	1.002323043
1.5028	0.99768914	0.06794394	14.68400434	0.068101315	14.71801561	1.002316212
1.5029	0.99769593	0.06784417	14.70569820	0.068000852	14.73965941	1.002309391
1.5030	0.99770271	0.06774440	14.72745595	0.067900390	14.76136710	1.002302581
1.5031	0.99770948	0.06764463	14.74927788	0.067799929	14.78313898	1.002295780
1.5032	0.99771624	0.06754486	14.77116428	0.067699470	14.80497532	1.002288989
1.5033	0.99772299	0.06744509	14.79311544	0.067599013	14.82687642	1.002282209
1.5034	0.99772973	0.06734532	14.81513163	0.067498557	14.84884256	1.002275439
1.5035	0.99773646	0.06724554	14.83721316	0.067398102	14.87087403	1.002268679
1.5036	0.99774318	0.06714577	14.85936031	0.067297648	14.89297112	1.002261929
1.5037	0.99774989	0.06704599	14.88157338	0.067197196	14.91513413	1.002255189
1.5038	0.99775659	0.06694622	14.90385265	0.067096745	14.93736335	1.002248459
1.5039	0.99776328	0.06684644	14.92619844	0.066996295	14.95965908	1.002241739
1.5040	0.99776995	0.06674667	14.94861103	0.066895847	14.98202162	1.002235030
1.5041	0.99777662	0.06664689	14.97109073	0.066795400	15.00445127	1.002228330
1.5042	0.99778328	0.06654711	14.99363785	0.066694955	15.02694832	1.002221641
1.5043	0.99778993	0.06644733	15.01625267	0.066594511	15.04951309	1.002214961
1.5044	0.99779657	0.06634755	15.03893552	0.066494068	15.07214588	1.002208292
1.5045	0.99780320	0.06624777	15.06168669	0.066393626	15.09484700	1.002201633
1.5046	0.99780982	0.06614799	15.08450650	0.066293186	15.11761676	1.002194984
1.5047	0.99781643	0.06604821	15.10739526	0.066192748	15.14045546	1.002188345
1.5048	0.99782303	0.06594843	15.13035328	0.066092310	15.16336343	1.002181717
1.5049	0.99782962	0.06584865	15.15338089	0.065991874	15.18634098	1.002175098

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
1.5050	0.99783620	0.06574886	15.17647838	0.065891439	15.20938842	1.002168490
1.5051	0.99784277	0.06564908	15.19964609	0.065791006	15.23250607	1.002161891
1.5052	0.99784933	0.06554929	15.22288434	0.065690573	15.25569427	1.002155303
1.5053	0.99785588	0.06544951	15.24619344	0.065590142	15.27895332	1.002148725
1.5054	0.99786242	0.06534972	15.26957373	0.065489713	15.30228355	1.002142157
1.5055	0.99786895	0.06524994	15.29302553	0.065389285	15.32568529	1.002135599
1.5056	0.99787547	0.06515015	15.31654916	0.065288858	15.34915888	1.002129051
1.5057	0.99788198	0.06505036	15.34014497	0.065188432	15.37270463	1.002122513
1.5058	0.99788848	0.06495057	15.36381328	0.065088008	15.39632289	1.002115986
1.5059	0.99789497	0.06485078	15.38755444	0.064987585	15.42001399	1.002109468
1.5060	0.99790145	0.06475099	15.41136876	0.064887163	15.44377827	1.002102961
1.5061	0.99790792	0.06465120	15.43525661	0.064786743	15.46761606	1.002096463
1.5062	0.99791438	0.06455141	15.45921831	0.064686324	15.49152771	1.002089976
1.5063	0.99792083	0.06445162	15.48325421	0.064585906	15.51551356	1.002083499
1.5064	0.99792727	0.06435183	15.50736466	0.064485489	15.53957395	1.002077032
1.5065	0.99793370	0.06425204	15.53155000	0.064385074	15.56370924	1.002070575
1.5066	0.99794012	0.06415224	15.55581058	0.064284660	15.58791977	1.002064128
1.5067	0.99794653	0.06405245	15.58014676	0.064184248	15.61220590	1.002057692
1.5068	0.99795293	0.06395265	15.60455889	0.064083836	15.63656798	1.002051265
1.5069	0.99795932	0.06385286	15.62904733	0.063983426	15.66100637	1.002044849
1.5070	0.99796570	0.06375306	15.65361244	0.063883018	15.68552142	1.002038442
1.5071	0.99797207	0.06365326	15.67825457	0.063782610	15.71011351	1.002032046
1.5072	0.99797844	0.06355347	15.70297409	0.063682204	15.73478298	1.002025660
1.5073	0.99798479	0.06345367	15.72777137	0.063581799	15.75953021	1.002019284
1.5074	0.99799113	0.06335387	15.75264677	0.063481395	15.78435556	1.002012918
1.5075	0.99799746	0.06325407	15.77760067	0.063380993	15.80925941	1.002006562
1.5076	0.99800378	0.06315427	15.80263344	0.063280592	15.83424212	1.002000216
1.5077	0.99801009	0.06305447	15.82774544	0.063180192	15.85930408	1.001993881
1.5078	0.99801639	0.06295467	15.85293707	0.063079794	15.88444565	1.001987555
1.5079	0.99802268	0.06285487	15.87820869	0.062979396	15.90966723	1.001981240
1.5080	0.99802896	0.06275506	15.90356070	0.062879000	15.93496918	1.001974934
1.5081	0.99803523	0.06265526	15.92899347	0.062778606	15.96035190	1.001968639
1.5082	0.99804149	0.06255546	15.95450739	0.062678212	15.98581578	1.001962354
1.5083	0.99804774	0.06245565	15.98010286	0.062577820	16.01136120	1.001956079
1.5084	0.99805398	0.06235585	16.00578026	0.062477429	16.03698855	1.001949814
1.5085	0.99806021	0.06225604	16.03153999	0.062377039	16.06269823	1.001943559
1.5086	0.99806643	0.06215623	16.05738245	0.062276651	16.08849064	1.001937314
1.5087	0.99807264	0.06205643	16.08330803	0.062176264	16.11436618	1.001931079
1.5088	0.99807884	0.06195662	16.10931714	0.062075878	16.14032524	1.001924855
1.5089	0.99808503	0.06185681	16.13541019	0.061975493	16.16636824	1.001918640
1.5090	0.99809121	0.06175700	16.16158757	0.061875109	16.19249557	1.001912436
1.5091	0.99809739	0.06165719	16.18784971	0.061774727	16.21870766	1.001906242
1.5092	0.99810355	0.06155738	16.21419701	0.061674346	16.24500491	1.001900057
1.5093	0.99810970	0.06145757	16.24062988	0.061573966	16.27138774	1.001893883
1.5094	0.99811584	0.06135776	16.26714876	0.061473588	16.29785657	1.001887719
1.5095	0.99812197	0.06125795	16.29375405	0.061373211	16.32441181	1.001881565
1.5096	0.99812809	0.06115814	16.32044618	0.061272835	16.35105390	1.001875422
1.5097	0.99813420	0.06105832	16.34722559	0.061172460	16.37778326	1.001869288
1.5098	0.99814030	0.06095851	16.37409268	0.061072086	16.40460031	1.001863164
1.5099	0.99814639	0.06085870	16.40104791	0.060971714	16.43150549	1.001857051

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
1.5100	0.99815247	0.06075888	16.42809170	0.060871343	16.45849923	1.001850947
1.5101	0.99815854	0.06065907	16.45522450	0.060770973	16.48558198	1.001844854
1.5102	0.99816460	0.06055925	16.48244673	0.060670604	16.51275417	1.001838771
1.5103	0.99817066	0.06045943	16.50975886	0.060570237	16.54001625	1.001832697
1.5104	0.99817670	0.06035962	16.53716131	0.060469870	16.56736866	1.001826634
1.5105	0.99818273	0.06025980	16.56465455	0.060369505	16.59481185	1.001820581
1.5106	0.99818875	0.06015998	16.59223902	0.060269141	16.62234627	1.001814538
1.5107	0.99819476	0.06006016	16.61991518	0.060168779	16.64997239	1.001808506
1.5108	0.99820076	0.05996034	16.64768349	0.060068417	16.67769065	1.001802483
1.5109	0.99820675	0.05986052	16.67554441	0.059968057	16.70550153	1.001796470
1.5110	0.99821273	0.05976070	16.70349840	0.059867698	16.73340547	1.001790468
1.5111	0.99821870	0.05966088	16.73154593	0.059767340	16.76140296	1.001784475
1.5112	0.99822466	0.05956105	16.75968748	0.059666984	16.78949447	1.001778493
1.5113	0.99823062	0.05946123	16.78792352	0.059566628	16.81768046	1.001772521
1.5114	0.99823656	0.05936141	16.81625452	0.059466274	16.84596142	1.001766559
1.5115	0.99824249	0.05926158	16.84468096	0.059365921	16.87433782	1.001760606
1.5116	0.99824841	0.05916176	16.87320333	0.059265569	16.90281014	1.001754664
1.5117	0.99825432	0.05906194	16.90182212	0.059165219	16.93137889	1.001748733
1.5118	0.99826022	0.05896211	16.93053782	0.059064869	16.96004454	1.001742811
1.5119	0.99826611	0.05886228	16.95935091	0.058964521	16.98880759	1.001736899
1.5120	0.99827199	0.05876246	16.98826190	0.058864174	17.01766853	1.001730997
1.5121	0.99827787	0.05866263	17.01727129	0.058763828	17.04662788	1.001725106
1.5122	0.99828373	0.05856280	17.04637957	0.058663483	17.07568612	1.001719224
1.5123	0.99828958	0.05846297	17.07558727	0.058563140	17.10484377	1.001713353
1.5124	0.99829542	0.05836314	17.10489488	0.058462797	17.13410134	1.001707492
1.5125	0.99830125	0.05826331	17.13430292	0.058362456	17.16345935	1.001701640
1.5126	0.99830707	0.05816348	17.16381192	0.058262116	17.19291830	1.001695799
1.5127	0.99831288	0.05806365	17.19342239	0.058161777	17.22247872	1.001689968
1.5128	0.99831868	0.05796382	17.22313485	0.058061439	17.25214114	1.001684147
1.5129	0.99832448	0.05786399	17.25294984	0.057961103	17.28190609	1.001678336
1.5130	0.99833026	0.05776415	17.28286788	0.057860767	17.31177409	1.001672536
1.5131	0.99833603	0.05766432	17.31288952	0.057760433	17.34174569	1.001666745
1.5132	0.99834179	0.05756449	17.34301529	0.057660100	17.37182142	1.001660964
1.5133	0.99834754	0.05746465	17.37324574	0.057559768	17.40200182	1.001655194
1.5134	0.99835328	0.05736482	17.40358141	0.057459438	17.43228745	1.001649433
1.5135	0.99835901	0.05726498	17.43402285	0.057359108	17.46267886	1.001643683
1.5136	0.99836474	0.05716515	17.46457063	0.057258780	17.49317659	1.001637942
1.5137	0.99837045	0.05706531	17.49522529	0.057158452	17.52378121	1.001632212
1.5138	0.99837615	0.05696547	17.52598740	0.057058126	17.55449328	1.001626492
1.5139	0.99838184	0.05686563	17.55685752	0.056957801	17.58531336	1.001620782
1.5140	0.99838752	0.05676580	17.58783624	0.056857477	17.61624203	1.001615082
1.5141	0.99839319	0.05666596	17.61892411	0.056757155	17.64727987	1.001609392
1.5142	0.99839886	0.05656612	17.65012173	0.056656833	17.67842745	1.001603712
1.5143	0.99840451	0.05646628	17.68142967	0.056556513	17.70968534	1.001598043
1.5144	0.99841015	0.05636644	17.71284851	0.056456193	17.74105415	1.001592383
1.5145	0.99841578	0.05626660	17.74437886	0.056355875	17.77253446	1.001586733
1.5146	0.99842140	0.05616675	17.77602131	0.056255558	17.80412687	1.001581094
1.5147	0.99842701	0.05606691	17.80777645	0.056155242	17.83583197	1.001575465
1.5148	0.99843262	0.05596707	17.83964489	0.056054927	17.86765037	1.001569845
1.5149	0.99843821	0.05586722	17.87162724	0.055954614	17.89958268	1.001564236

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
1.5150	0.99844379	0.05576738	17.90372411	0.055854301	17.93162951	1.001558637
1.5151	0.99844936	0.05566754	17.93593611	0.055753990	17.96379148	1.001553048
1.5152	0.99845492	0.05556769	17.96826388	0.055653680	17.99606920	1.001547469
1.5153	0.99846047	0.05546784	18.00070802	0.055553370	18.02846331	1.001541900
1.5154	0.99846602	0.05536800	18.03326919	0.055453062	18.06097443	1.001536341
1.5155	0.99847155	0.05526815	18.06594800	0.055352755	18.09360321	1.001530792
1.5156	0.99847707	0.05516830	18.09874510	0.055252450	18.12635027	1.001525253
1.5157	0.99848258	0.05506846	18.13166113	0.055152145	18.15921626	1.001519725
1.5158	0.99848808	0.05496861	18.16469674	0.055051841	18.19220184	1.001514206
1.5159	0.99849358	0.05486876	18.19785259	0.054951539	18.22530765	1.001508698
1.5160	0.99849906	0.05476891	18.23112933	0.054851237	18.25853435	1.001503199
1.5161	0.99850453	0.05466906	18.26452762	0.054750937	18.29188261	1.001497711
1.5162	0.99850999	0.05456921	18.29804814	0.054650638	18.32535309	1.001492233
1.5163	0.99851544	0.05446936	18.33169156	0.054550340	18.35894647	1.001486765
1.5164	0.99852088	0.05436950	18.36545855	0.054450043	18.39266343	1.001481306
1.5165	0.99852632	0.05426965	18.39934980	0.054349747	18.42650464	1.001475858
1.5166	0.99853174	0.05416980	18.43336600	0.054249452	18.46047080	1.001470420
1.5167	0.99853715	0.05406995	18.46750783	0.054149158	18.49456259	1.001464993
1.5168	0.99854255	0.05397009	18.50177600	0.054048865	18.52878073	1.001459575
1.5169	0.99854794	0.05387024	18.53617121	0.053948574	18.56312590	1.001454167
1.5170	0.99855333	0.05377038	18.57069417	0.053848283	18.59759882	1.001448769
1.5171	0.99855870	0.05367053	18.60534559	0.053747994	18.63220020	1.001443382
1.5172	0.99856406	0.05357067	18.64012618	0.053647705	18.66693077	1.001438004
1.5173	0.99856941	0.05347081	18.67503669	0.053547418	18.70179123	1.001432637
1.5174	0.99857475	0.05337096	18.71007783	0.053447132	18.73678234	1.001427279
1.5175	0.99858009	0.05327110	18.74525034	0.053346847	18.77190481	1.001421932
1.5176	0.99858541	0.05317124	18.78055496	0.053246563	18.80715940	1.001416595
1.5177	0.99859072	0.05307138	18.81599244	0.053146280	18.84254684	1.001411268
1.5178	0.99859602	0.05297152	18.85156352	0.053045998	18.87806789	1.001405951
1.5179	0.99860132	0.05287166	18.88726898	0.052945717	18.91372331	1.001400644
1.5180	0.99860660	0.05277180	18.92310957	0.052845437	18.94951386	1.001395347
1.5181	0.99861187	0.05267194	18.95908605	0.052745159	18.98544031	1.001390060
1.5182	0.99861713	0.05257208	18.99519921	0.052644881	19.02150344	1.001384783
1.5183	0.99862238	0.05247222	19.03144983	0.052544604	19.05770402	1.001379516
1.5184	0.99862763	0.05237236	19.06783869	0.052444329	19.09404285	1.001374260
1.5185	0.99863286	0.05227249	19.10436659	0.052344054	19.13052072	1.001369013
1.5186	0.99863808	0.05217263	19.14103433	0.052243781	19.16713842	1.001363776
1.5187	0.99864329	0.05207276	19.17784270	0.052143508	19.20389676	1.001358550
1.5188	0.99864850	0.05197290	19.21479253	0.052043237	19.24079655	1.001353333
1.5189	0.99865369	0.05187304	19.25188462	0.051942967	19.27783861	1.001348127
1.5190	0.99865887	0.05177317	19.28911981	0.051842697	19.31502377	1.001342931
1.5191	0.99866404	0.05167330	19.32649893	0.051742429	19.35235285	1.001337745
1.5192	0.99866920	0.05157344	19.36402281	0.051642162	19.38982670	1.001332569
1.5193	0.99867436	0.05147357	19.40169229	0.051541896	19.42744614	1.001327403
1.5194	0.99867950	0.05137370	19.43950822	0.051441631	19.46521205	1.001322247
1.5195	0.99868463	0.05127383	19.47747147	0.051341366	19.50312526	1.001317101
1.5196	0.99868975	0.05117396	19.51558289	0.051241103	19.54118665	1.001311965
1.5197	0.99869487	0.05107410	19.55384336	0.051140841	19.57939708	1.001306839
1.5198	0.99869997	0.05097423	19.59225374	0.051040580	19.61775743	1.001301723
1.5199	0.99870506	0.05087436	19.63081493	0.050940320	19.65626859	1.001296618

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
1.5200	0.99871014	0.05077448	19.66952782	0.050840061	19.69493145	1.001291522
1.5201	0.99871522	0.05067461	19.70839330	0.050739803	19.73374689	1.001286436
1.5202	0.99872028	0.05057474	19.74741228	0.050639546	19.77271584	1.001281361
1.5203	0.99872533	0.05047487	19.78658566	0.050539290	19.81183919	1.001276295
1.5204	0.99873037	0.05037500	19.82591438	0.050439036	19.85111788	1.001271240
1.5205	0.99873541	0.05027512	19.86539935	0.050338782	19.89055282	1.001266195
1.5206	0.99874043	0.05017525	19.90504151	0.050238529	19.93014494	1.001261160
1.5207	0.99874544	0.05007538	19.94484180	0.050138277	19.96989520	1.001256134
1.5208	0.99875044	0.04997550	19.98480117	0.050038026	20.00980454	1.001251119
1.5209	0.99875544	0.04987563	20.02492058	0.049937776	20.04987392	1.001246114
1.5210	0.99876042	0.04977575	20.06520098	0.049837527	20.09010429	1.001241119
1.5211	0.99876539	0.04967587	20.10564336	0.049737279	20.13049664	1.001236134
1.5212	0.99877035	0.04957600	20.14624869	0.049637032	20.17105194	1.001231160
1.5213	0.99877531	0.04947612	20.18701796	0.049536787	20.21177117	1.001226195
1.5214	0.99878025	0.04937624	20.22795216	0.049436542	20.25265535	1.001221240
1.5215	0.99878518	0.04927636	20.26905230	0.049336298	20.29370546	1.001216295
1.5216	0.99879010	0.04917648	20.31031940	0.049236055	20.33492252	1.001211361
1.5217	0.99879502	0.04907661	20.35175446	0.049135813	20.37630755	1.001206436
1.5218	0.99879992	0.04897673	20.39335852	0.049035572	20.41786159	1.001201522
1.5219	0.99880481	0.04887685	20.43513262	0.048935332	20.45958566	1.001196617
1.5220	0.99880970	0.04877696	20.47707780	0.048835093	20.50148081	1.001191723
1.5221	0.99881457	0.04867708	20.51919512	0.048734855	20.54354809	1.001186839
1.5222	0.99881943	0.04857720	20.56148563	0.048634618	20.58578858	1.001181965
1.5223	0.99882428	0.04847732	20.60395041	0.048534382	20.62820333	1.001177100
1.5224	0.99882913	0.04837744	20.64659055	0.048434147	20.67079343	1.001172246
1.5225	0.99883396	0.04827755	20.68940712	0.048333913	20.71355998	1.001167402
1.5226	0.99883878	0.04817767	20.73240123	0.048233680	20.75650406	1.001162568
1.5227	0.99884359	0.04807779	20.77557398	0.048133448	20.79962678	1.001157744
1.5228	0.99884840	0.04797790	20.81892650	0.048033216	20.84292927	1.001152930
1.5229	0.99885319	0.04787802	20.86245990	0.047932986	20.88641264	1.001148126
1.5230	0.99885797	0.04777813	20.90617532	0.047832757	20.93007804	1.001143333
1.5231	0.99886275	0.04767824	20.95007391	0.047732528	20.97392660	1.001138549
1.5232	0.99886751	0.04757836	20.99415683	0.047632301	21.01795948	1.001133775
1.5233	0.99887226	0.04747847	21.03842523	0.047532075	21.06217786	1.001129012
1.5234	0.99887700	0.04737858	21.08288029	0.047431849	21.10658289	1.001124258
1.5235	0.99888174	0.04727870	21.12752319	0.047331625	21.15117577	1.001119515
1.5236	0.99888646	0.04717881	21.17235513	0.047231401	21.19595768	1.001114781
1.5237	0.99889117	0.04707892	21.21737732	0.047131179	21.24092984	1.001110058
1.5238	0.99889588	0.04697903	21.26259096	0.047030957	21.28609345	1.001105345
1.5239	0.99890057	0.04687914	21.30799728	0.046930736	21.33144975	1.001100641
1.5240	0.99890525	0.04677925	21.35359752	0.046830516	21.37699996	1.001095948
1.5241	0.99890992	0.04667936	21.39939293	0.046730298	21.42274533	1.001091265
1.5242	0.99891459	0.04657947	21.44538475	0.046630080	21.46868713	1.001086592
1.5243	0.99891924	0.04647958	21.49157426	0.046529863	21.51482661	1.001081929
1.5244	0.99892388	0.04637968	21.53796273	0.046429647	21.56116506	1.001077276
1.5245	0.99892852	0.04627979	21.58455146	0.046329432	21.60770375	1.001072633
1.5246	0.99893314	0.04617990	21.63134174	0.046229217	21.65444401	1.001068000
1.5247	0.99893775	0.04608000	21.67833488	0.046129004	21.70138713	1.001063377
1.5248	0.99894236	0.04598011	21.72553222	0.046028792	21.74853444	1.001058764
1.5249	0.99894695	0.04588022	21.77293508	0.045928580	21.79588727	1.001054162

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
1.5250	0.99895153	0.04578032	21.82054481	0.045828370	21.84344698	1.001049569
1.5251	0.99895610	0.04568042	21.86836277	0.045728160	21.89121491	1.001044986
1.5252	0.99896067	0.04558053	21.91639033	0.045627952	21.93919244	1.001040414
1.5253	0.99896522	0.04548063	21.96462887	0.045527744	21.98738095	1.001035851
1.5254	0.99896976	0.04538074	22.01307978	0.045427537	22.03578184	1.001031299
1.5255	0.99897430	0.04528084	22.06174447	0.045327331	22.08439651	1.001026756
1.5256	0.99897882	0.04518094	22.11062437	0.045227126	22.13322638	1.001022224
1.5257	0.99898333	0.04508104	22.15972090	0.045126922	22.18227288	1.001017702
1.5258	0.99898784	0.04498114	22.20903550	0.045026719	22.23153746	1.001013189
1.5259	0.99899233	0.04488125	22.25856963	0.044926517	22.28102157	1.001008687
1.5260	0.99899681	0.04478135	22.30832477	0.044826315	22.33072668	1.001004195
1.5261	0.99900129	0.04468145	22.35830240	0.044726115	22.38065429	1.000999713
1.5262	0.99900575	0.04458155	22.40850401	0.044625915	22.43080587	1.000995241
1.5263	0.99901020	0.04448165	22.45893112	0.044525717	22.48118295	1.000990779
1.5264	0.99901464	0.04438174	22.50958524	0.044425519	22.53178705	1.000986327
1.5265	0.99901908	0.04428184	22.56046792	0.044325322	22.58261970	1.000981885
1.5266	0.99902350	0.04418194	22.61158070	0.044225126	22.63368246	1.000977453
1.5267	0.99902791	0.04408204	22.66292516	0.044124931	22.68497690	1.000973031
1.5268	0.99903232	0.04398213	22.71450287	0.044024736	22.73650458	1.000968620
1.5269	0.99903671	0.04388223	22.76631542	0.043924543	22.78826711	1.000964218
1.5270	0.99904109	0.04378233	22.81836443	0.043824350	22.84026609	1.000959826
1.5271	0.99904547	0.04368242	22.87065152	0.043724159	22.89250316	1.000955445
1.5272	0.99904983	0.04358252	22.92317832	0.043623968	22.94497993	1.000951073
1.5273	0.99905418	0.04348261	22.97594649	0.043523778	22.99769808	1.000946712
1.5274	0.99905853	0.04338271	23.02895770	0.043423589	23.05065927	1.000942360
1.5275	0.99906286	0.04328280	23.08221363	0.043323401	23.10386518	1.000938019
1.5276	0.99906718	0.04318289	23.13571599	0.043223214	23.15731751	1.000933687
1.5277	0.99907150	0.04308299	23.18946648	0.043123027	23.21101798	1.000929366
1.5278	0.99907580	0.04298308	23.24346684	0.043022842	23.26496831	1.000925055
1.5279	0.99908009	0.04288317	23.29771881	0.042922657	23.31917027	1.000920753
1.5280	0.99908438	0.04278326	23.35222417	0.042822473	23.37362560	1.000916462
1.5281	0.99908865	0.04268336	23.40698468	0.042722291	23.42833609	1.000912181
1.5282	0.99909291	0.04258345	23.46200216	0.042622108	23.48330354	1.000907910
1.5283	0.99909717	0.04248354	23.51727840	0.042521927	23.53852976	1.000903649
1.5284	0.99910141	0.04238363	23.57281525	0.042421747	23.59401659	1.000899398
1.5285	0.99910564	0.04228372	23.62861454	0.042321567	23.64976586	1.000895157
1.5286	0.99910987	0.04218381	23.68467816	0.042221389	23.70577945	1.000890926
1.5287	0.99911408	0.04208389	23.74100797	0.042121211	23.76205924	1.000886705
1.5288	0.99911828	0.04198398	23.79760589	0.042021034	23.81860714	1.000882494
1.5289	0.99912248	0.04188407	23.85447382	0.041920858	23.87542505	1.000878293
1.5290	0.99912666	0.04178416	23.91161372	0.041820682	23.93251492	1.000874103
1.5291	0.99913083	0.04168425	23.96902753	0.041720508	23.98987872	1.000869922
1.5292	0.99913500	0.04158433	24.02671724	0.041620334	24.04751840	1.000865751
1.5293	0.99913915	0.04148442	24.08468483	0.041520161	24.10543597	1.000861591
1.5294	0.99914329	0.04138450	24.14293232	0.041419989	24.16363344	1.000857440
1.5295	0.99914743	0.04128459	24.20146175	0.041319818	24.22211284	1.000853300
1.5296	0.99915155	0.04118468	24.26027516	0.041219648	24.28087624	1.000849169
1.5297	0.99915566	0.04108476	24.31937463	0.041119478	24.33992569	1.000845049
1.5298	0.99915977	0.04098484	24.37876226	0.041019310	24.39926329	1.000840938
1.5299	0.99916386	0.04088493	24.43844015	0.040919142	24.45889116	1.000836838

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
1.5300	0.99916795	0.04078501	24.49841044	0.040818975	24.51881143	1.000832748
1.5301	0.99917202	0.04068509	24.55867529	0.040718809	24.57902626	1.000828667
1.5302	0.99917608	0.04058518	24.61923688	0.040618643	24.63953783	1.000824597
1.5303	0.99918014	0.04048526	24.68009739	0.040518479	24.70034833	1.000820537
1.5304	0.99918418	0.04038534	24.74125906	0.040418315	24.76145997	1.000816487
1.5305	0.99918821	0.04028542	24.80272413	0.040318152	24.82287502	1.000812447
1.5306	0.99919224	0.04018550	24.86449485	0.040217990	24.88459572	1.000808417
1.5307	0.99919625	0.04008558	24.92657351	0.040117828	24.94662436	1.000804397
1.5308	0.99920025	0.03998566	24.98896243	0.040017668	25.00896326	1.000800387
1.5309	0.99920425	0.03988574	25.05166394	0.039917508	25.07161475	1.000796387
1.5310	0.99920823	0.03978582	25.11468040	0.039817349	25.13458119	1.000792397
1.5311	0.99921220	0.03968590	25.17801417	0.039717191	25.19786494	1.000788417
1.5312	0.99921617	0.03958598	25.24166768	0.039617034	25.26146843	1.000784447
1.5313	0.99922012	0.03948606	25.30564334	0.039516877	25.32539408	1.000780487
1.5314	0.99922407	0.03938614	25.36994362	0.039416721	25.38964433	1.000776537
1.5315	0.99922800	0.03928621	25.43457098	0.039316566	25.45422167	1.000772598
1.5316	0.99923192	0.03918629	25.49952794	0.039216412	25.51912861	1.000768668
1.5317	0.99923584	0.03908637	25.56481702	0.039116259	25.58436767	1.000764748
1.5318	0.99923974	0.03898644	25.63044077	0.039016106	25.64994140	1.000760839
1.5319	0.99924363	0.03888652	25.69640178	0.038915954	25.71585239	1.000756939
1.5320	0.99924752	0.03878660	25.76270266	0.038815803	25.78210325	1.000753050
1.5321	0.99925139	0.03868667	25.82934603	0.038715653	25.84869661	1.000749170
1.5322	0.99925525	0.03858674	25.89633457	0.038615504	25.91563513	1.000745301
1.5323	0.99925911	0.03848682	25.96367096	0.038515355	25.98292150	1.000741441
1.5324	0.99926295	0.03838689	26.03135792	0.038415207	26.05055845	1.000737592
1.5325	0.99926679	0.03828697	26.09939820	0.038315060	26.11854870	1.000733753
1.5326	0.99927061	0.03818704	26.16779457	0.038214913	26.18689506	1.000729923
1.5327	0.99927442	0.03808711	26.23654983	0.038114768	26.25560030	1.000726104
1.5328	0.99927823	0.03798718	26.30566683	0.038014623	26.32466728	1.000722295
1.5329	0.99928202	0.03788726	26.37514842	0.037914479	26.39409885	1.000718496
1.5330	0.99928580	0.03778733	26.44499749	0.037814335	26.46389790	1.000714707
1.5331	0.99928958	0.03768740	26.51521697	0.037714193	26.53406737	1.000710927
1.5332	0.99929334	0.03758747	26.58580983	0.037614051	26.60461020	1.000707158
1.5333	0.99929710	0.03748754	26.65677903	0.037513910	26.67552939	1.000703399
1.5334	0.99930084	0.03738761	26.72812761	0.037413769	26.74682795	1.000699650
1.5335	0.99930457	0.03728768	26.79985862	0.037313630	26.81850894	1.000695911
1.5336	0.99930830	0.03718775	26.87197513	0.037213491	26.89057544	1.000692182
1.5337	0.99931201	0.03708782	26.94448027	0.037113353	26.96303056	1.000688463
1.5338	0.99931571	0.03698789	27.01737719	0.037013215	27.03587746	1.000684755
1.5339	0.99931941	0.03688796	27.09066907	0.036913079	27.10911933	1.000681056
1.5340	0.99932309	0.03678802	27.16435914	0.036812943	27.18275938	1.000677367
1.5341	0.99932677	0.03668809	27.23845064	0.036712808	27.25680087	1.000673688
1.5342	0.99933043	0.03658816	27.31294688	0.036612673	27.33124709	1.000670019
1.5343	0.99933408	0.03648823	27.38785117	0.036512540	27.40610136	1.000666361
1.5344	0.99933773	0.03638829	27.46316689	0.036412407	27.48136706	1.000662712
1.5345	0.99934136	0.03628836	27.53889742	0.036312274	27.55704758	1.000659073
1.5346	0.99934498	0.03618842	27.61504621	0.036212143	27.63314635	1.000655445
1.5347	0.99934860	0.03608849	27.69161674	0.036112012	27.70966686	1.000651826
1.5348	0.99935220	0.03598855	27.76861252	0.036011882	27.78661263	1.000648218
1.5349	0.99935580	0.03588862	27.84603710	0.035911753	27.86398719	1.000644619

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
1.5350	0.99935938	0.03578868	27.92389408	0.035811624	27.94179415	1.000641031
1.5351	0.99936295	0.03568875	28.00218709	0.035711496	28.02003715	1.000637452
1.5352	0.99936652	0.03558881	28.08091981	0.035611369	28.09871985	1.000633884
1.5353	0.99937007	0.03548887	28.16009595	0.035511243	28.17784597	1.000630326
1.5354	0.99937362	0.03538894	28.23971927	0.035411117	28.25741928	1.000626777
1.5355	0.99937715	0.03528900	28.31979357	0.035310992	28.33744357	1.000623239
1.5356	0.99938067	0.03518906	28.40032270	0.035210868	28.41792268	1.000619711
1.5357	0.99938419	0.03508912	28.48131054	0.035110744	28.49886050	1.000616192
1.5358	0.99938769	0.03498918	28.56276103	0.035010621	28.58026098	1.000612684
1.5359	0.99939118	0.03488924	28.64467814	0.034910499	28.66212807	1.000609186
1.5360	0.99939467	0.03478931	28.72706589	0.034810377	28.74446581	1.000605698
1.5361	0.99939814	0.03468937	28.80992836	0.034710256	28.82727827	1.000602220
1.5362	0.99940161	0.03458943	28.89326967	0.034610136	28.91056955	1.000598752
1.5363	0.99940506	0.03448949	28.97709397	0.034510017	28.99434384	1.000595293
1.5364	0.99940850	0.03438954	29.06140547	0.034409898	29.07860533	1.000591845
1.5365	0.99941194	0.03428960	29.14620845	0.034309780	29.16335830	1.000588407
1.5366	0.99941536	0.03418966	29.23150721	0.034209663	29.24860704	1.000584979
1.5367	0.99941878	0.03408972	29.31730612	0.034109546	29.33435593	1.000581561
1.5368	0.99942218	0.03398978	29.40360958	0.034009430	29.42060938	1.000578154
1.5369	0.99942557	0.03388984	29.49042207	0.033909315	29.50737185	1.000574756
1.5370	0.99942896	0.03378989	29.57774809	0.033809200	29.59464787	1.000571368
1.5371	0.99943233	0.03368995	29.66559224	0.033709086	29.68244199	1.000567990
1.5372	0.99943570	0.03359001	29.75395912	0.033608973	29.77075886	1.000564622
1.5373	0.99943905	0.03349006	29.84285342	0.033508860	29.85960315	1.000561264
1.5374	0.99944239	0.03339012	29.93227989	0.033408748	29.94897960	1.000557917
1.5375	0.99944573	0.03329017	30.02224331	0.033308637	30.03889301	1.000554579
1.5376	0.99944905	0.03319023	30.11274853	0.033208526	30.12934822	1.000551251
1.5377	0.99945237	0.03309029	30.20380048	0.033108416	30.22035015	1.000547933
1.5378	0.99945567	0.03299034	30.29540411	0.033008307	30.31190377	1.000544626
1.5379	0.99945896	0.03289039	30.38756447	0.032908198	30.40401411	1.000541328
1.5380	0.99946225	0.03279045	30.48028663	0.032808090	30.49668627	1.000538041
1.5381	0.99946552	0.03269050	30.57357577	0.032707983	30.58992539	1.000534763
1.5382	0.99946879	0.03259055	30.66743709	0.032607876	30.68373670	1.000531496
1.5383	0.99947204	0.03249061	30.76187588	0.032507770	30.77812547	1.000528238
1.5384	0.99947528	0.03239066	30.85689749	0.032407665	30.87309707	1.000524991
1.5385	0.99947852	0.03229071	30.95250732	0.032307560	30.96865689	1.000521753
1.5386	0.99948174	0.03219076	31.04871087	0.032207456	31.06481042	1.000518526
1.5387	0.99948496	0.03209082	31.14551367	0.032107353	31.16156321	1.000515308
1.5388	0.99948816	0.03199087	31.24292136	0.032007250	31.25892088	1.000512101
1.5389	0.99949136	0.03189092	31.34093961	0.031907148	31.35688912	1.000508904
1.5390	0.99949454	0.03179097	31.43957419	0.031807047	31.45547369	1.000505716
1.5391	0.99949771	0.03169102	31.53883093	0.031706946	31.55468042	1.000502539
1.5392	0.99950088	0.03159107	31.63871574	0.031606845	31.65451522	1.000499372
1.5393	0.99950403	0.03149112	31.73923460	0.031506746	31.75498407	1.000496214
1.5394	0.99950718	0.03139117	31.84039358	0.031406647	31.85609303	1.000493067
1.5395	0.99951031	0.03129122	31.94219879	0.031306549	31.95784823	1.000489930
1.5396	0.99951343	0.03119127	32.04465647	0.031206451	32.06025590	1.000486803
1.5397	0.99951655	0.03109132	32.14777291	0.031106354	32.16332232	1.000483686
1.5398	0.99951965	0.03099136	32.25155447	0.031006257	32.26705388	1.000480579
1.5399	0.99952275	0.03089141	32.35600763	0.030906162	32.37145702	1.000477481

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
1.5400	0.99952583	0.03079146	32.46113891	0.030806066	32.47653829	1.000474394
1.5401	0.99952890	0.03069151	32.56695496	0.030705972	32.58230433	1.000471317
1.5402	0.99953197	0.03059155	32.67346248	0.030605878	32.68876183	1.000468250
1.5403	0.99953502	0.03049160	32.78066827	0.030505784	32.79591762	1.000465193
1.5404	0.99953807	0.03039165	32.88857923	0.030405692	32.90377857	1.000462146
1.5405	0.99954110	0.03029169	32.99720234	0.030305600	33.01235166	1.000459109
1.5406	0.99954413	0.03019174	33.10654468	0.030205508	33.12164399	1.000456082
1.5407	0.99954714	0.03009178	33.21661341	0.030105417	33.23166271	1.000453065
1.5408	0.99955014	0.02999183	33.32741580	0.030005327	33.34241508	1.000450059
1.5409	0.99955314	0.02989187	33.43895921	0.029905237	33.45390848	1.000447062
1.5410	0.99955612	0.02979192	33.55125110	0.029805148	33.56615036	1.000444075
1.5411	0.99955910	0.02969196	33.66429903	0.029705059	33.67914829	1.000441098
1.5412	0.99956206	0.02959201	33.77811068	0.029604971	33.79290992	1.000438131
1.5413	0.99956501	0.02949205	33.89269379	0.029504884	33.90744303	1.000435174
1.5414	0.99956796	0.02939209	34.00805626	0.029404797	34.02275548	1.000432228
1.5415	0.99957089	0.02929214	34.12420605	0.029304711	34.13885526	1.000429291
1.5416	0.99957382	0.02919218	34.24115126	0.029204626	34.25575046	1.000426364
1.5417	0.99957673	0.02909222	34.35890009	0.029104541	34.37344928	1.000423447
1.5418	0.99957964	0.02899226	34.47746085	0.029004456	34.49196003	1.000420541
1.5419	0.99958253	0.02889231	34.59684198	0.028904372	34.61129115	1.000417644
1.5420	0.99958541	0.02879235	34.71705202	0.028804289	34.73145118	1.000414758
1.5421	0.99958829	0.02869239	34.83809963	0.028704206	34.85244878	1.000411881
1.5422	0.99959115	0.02859243	34.95999360	0.028604124	34.97429274	1.000409014
1.5423	0.99959401	0.02849247	35.08274285	0.028504043	35.09699198	1.000406158
1.5424	0.99959685	0.02839251	35.20635641	0.028403962	35.22055552	1.000403311
1.5425	0.99959969	0.02829255	35.33084343	0.028303881	35.34499254	1.000400475
1.5426	0.99960251	0.02819259	35.45621323	0.028203802	35.47031232	1.000397648
1.5427	0.99960532	0.02809263	35.58247521	0.028103722	35.59652430	1.000394832
1.5428	0.99960813	0.02799267	35.70963894	0.028003644	35.72363802	1.000392025
1.5429	0.99961092	0.02789271	35.83771413	0.027903565	35.85166320	1.000389229
1.5430	0.99961371	0.02779275	35.96671060	0.027803488	35.98060966	1.000386442
1.5431	0.99961648	0.02769279	36.09663833	0.027703411	36.11048738	1.000383666
1.5432	0.99961925	0.02759282	36.22750746	0.027603334	36.24130649	1.000380899
1.5433	0.99962200	0.02749286	36.35932824	0.027503258	36.37307727	1.000378143
1.5434	0.99962474	0.02739290	36.49211110	0.027403183	36.50581012	1.000375397
1.5435	0.99962748	0.02729294	36.62586662	0.027303108	36.63951564	1.000372660
1.5436	0.99963020	0.02719297	36.76060553	0.027203034	36.77420453	1.000369934
1.5437	0.99963292	0.02709301	36.89633870	0.027102960	36.90988770	1.000367218
1.5438	0.99963562	0.02699305	37.03307720	0.027002887	37.04657618	1.000364512
1.5439	0.99963832	0.02689308	37.17083223	0.026902814	37.18428120	1.000361815
1.5440	0.99964100	0.02679312	37.30961518	0.026802742	37.32301414	1.000359129
1.5441	0.99964367	0.02669316	37.44943759	0.026702671	37.46278654	1.000356453
1.5442	0.99964634	0.02659319	37.59031119	0.026602600	37.60361013	1.000353787
1.5443	0.99964899	0.02649323	37.73224788	0.026502529	37.74549682	1.000351130
1.5444	0.99965164	0.02639326	37.87525975	0.026402459	37.88845868	1.000348484
1.5445	0.99965427	0.02629330	38.01935906	0.026302390	38.03250798	1.000345848
1.5446	0.99965690	0.02619333	38.16455827	0.026202321	38.17765718	1.000343222
1.5447	0.99965951	0.02609336	38.31087001	0.026102252	38.32391892	1.000340606
1.5448	0.99966211	0.02599340	38.45830713	0.026002185	38.47130603	1.000338000
1.5449	0.99966471	0.02589343	38.60688267	0.025902117	38.61983155	1.000335404

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
1.5450	0.99966729	0.02579347	38.75660986	0.025802050	38.76950874	1.000332818
1.5451	0.99966987	0.02569350	38.90750215	0.025701984	38.92035102	1.000330241
1.5452	0.99967243	0.02559353	39.05957319	0.025601918	39.07237205	1.000327675
1.5453	0.99967499	0.02549356	39.21283686	0.025501853	39.22558571	1.000325119
1.5454	0.99967753	0.02539360	39.36730724	0.025401788	39.38000608	1.000322573
1.5455	0.99968006	0.02529363	39.52299864	0.025301724	39.53564748	1.000320037
1.5456	0.99968259	0.02519366	39.67992561	0.025201660	39.69252444	1.000317511
1.5457	0.99968510	0.02509369	39.83810290	0.025101597	39.85065172	1.000314995
1.5458	0.99968761	0.02499372	39.99754554	0.025001534	40.01004435	1.000312490
1.5459	0.99969010	0.02489375	40.15826875	0.024901472	40.17071756	1.000309994
1.5460	0.99969259	0.02479379	40.32028805	0.024801410	40.33268685	1.000307508
1.5461	0.99969506	0.02469382	40.48361917	0.024701349	40.49596796	1.000305032
1.5462	0.99969753	0.02459385	40.64827811	0.024601288	40.66057690	1.000302566
1.5463	0.99969998	0.02449388	40.81428114	0.024501228	40.82652991	1.000300110
1.5464	0.99970242	0.02439391	40.98164478	0.024401168	40.99384354	1.000297664
1.5465	0.99970486	0.02429394	41.15038583	0.024301109	41.16253459	1.000295228
1.5466	0.99970728	0.02419397	41.32052137	0.024201050	41.33262012	1.000292803
1.5467	0.99970970	0.02409400	41.49206876	0.024100992	41.50411750	1.000290387
1.5468	0.99971210	0.02399402	41.66504565	0.024000934	41.67704439	1.000287981
1.5469	0.99971450	0.02389405	41.83947000	0.023900876	41.85141873	1.000285585
1.5470	0.99971688	0.02379408	42.01536004	0.023800819	42.02725876	1.000283199
1.5471	0.99971926	0.02369411	42.19273433	0.023700763	42.20458305	1.000280824
1.5472	0.99972162	0.02359414	42.37161175	0.023600707	42.38341046	1.000278458
1.5473	0.99972397	0.02349416	42.55201148	0.023500652	42.56376018	1.000276102
1.5474	0.99972632	0.02339419	42.73395304	0.023400597	42.74565174	1.000273756
1.5475	0.99972865	0.02329422	42.91745630	0.023300542	42.92910499	1.000271421
1.5476	0.99973098	0.02319425	43.10254144	0.023200488	43.11414013	1.000269095
1.5477	0.99973329	0.02309427	43.28922902	0.023100435	43.30077770	1.000266779
1.5478	0.99973560	0.02299430	43.47753994	0.023000381	43.48903861	1.000264474
1.5479	0.99973789	0.02289433	43.66749547	0.022900329	43.67894414	1.000262178
1.5480	0.99974017	0.02279435	43.85911725	0.022800276	43.87051591	1.000259893
1.5481	0.99974245	0.02269438	44.05242731	0.022700225	44.06377596	1.000257617
1.5482	0.99974471	0.02259440	44.24744806	0.022600173	44.25874670	1.000255351
1.5483	0.99974697	0.02249443	44.44420231	0.022500123	44.45545095	1.000253096
1.5484	0.99974921	0.02239445	44.64271329	0.022400072	44.65391193	1.000250850
1.5485	0.99975145	0.02229448	44.84300463	0.022300022	44.85415326	1.000248615
1.5486	0.99975367	0.02219450	45.04510040	0.022199973	45.05619902	1.000246389
1.5487	0.99975589	0.02209453	45.24902509	0.022099924	45.26007370	1.000244174
1.5488	0.99975809	0.02199455	45.45480364	0.021999875	45.46580225	1.000241968
1.5489	0.99976029	0.02189458	45.66246147	0.021899827	45.67341007	1.000239772
1.5490	0.99976247	0.02179460	45.87202442	0.021799779	45.88292302	1.000237587
1.5491	0.99976464	0.02169462	46.08351885	0.021699732	46.09436744	1.000235411
1.5492	0.99976681	0.02159465	46.29697159	0.021599685	46.30777017	1.000233246
1.5493	0.99976896	0.02149467	46.51240996	0.021499639	46.52315854	1.000231091
1.5494	0.99977111	0.02139469	46.72986181	0.021399592	46.74056038	1.000228945
1.5495	0.99977324	0.02129472	46.94935550	0.021299547	46.96000407	1.000226810
1.5496	0.99977537	0.02119474	47.17091993	0.021199502	47.18151849	1.000224684
1.5497	0.99977748	0.02109476	47.39458455	0.021099457	47.40513310	1.000222569
1.5498	0.99977959	0.02099478	47.62037936	0.020999413	47.63087791	1.000220463
1.5499	0.99978168	0.02089481	47.84833495	0.020899369	47.85878349	1.000218368

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
1.5500	0.99978376	0.02079483	48.07848248	0.020799325	48.08888102	1.000216283
1.5501	0.99978584	0.02069485	48.31085373	0.020699282	48.32120227	1.000214207
1.5502	0.99978790	0.02059487	48.54548110	0.020599240	48.55577962	1.000212142
1.5503	0.99978996	0.02049489	48.78239759	0.020499197	48.79264612	1.000210086
1.5504	0.99979200	0.02039491	49.02163689	0.020399156	49.03183541	1.000208041
1.5505	0.99979404	0.02029493	49.26323333	0.020299114	49.27338184	1.000206006
1.5506	0.99979606	0.02019495	49.50722191	0.020199073	49.51732042	1.000203980
1.5507	0.99979808	0.02009497	49.75363835	0.020099033	49.76368686	1.000201965
1.5508	0.99980008	0.01999499	50.00251908	0.019998992	50.01251758	1.000199960
1.5509	0.99980207	0.01989501	50.25390125	0.019898953	50.26384974	1.000197965
1.5510	0.99980406	0.01979503	50.50782276	0.019798913	50.51772125	1.000195979
1.5511	0.99980603	0.01969505	50.76432230	0.019698874	50.77417078	1.000194004
1.5512	0.99980800	0.01959507	51.02343933	0.019598836	51.03323781	1.000192039
1.5513	0.99980995	0.01949509	51.28521414	0.019498797	51.29496261	1.000190083
1.5514	0.99981190	0.01939511	51.54968781	0.019398760	51.55938628	1.000188138
1.5515	0.99981383	0.01929513	51.81690233	0.019298722	51.82655079	1.000186203
1.5516	0.99981576	0.01919515	52.08690051	0.019198685	52.09649897	1.000184278
1.5517	0.99981767	0.01909517	52.35972610	0.019098648	52.36927455	1.000182363
1.5518	0.99981958	0.01899518	52.63542374	0.018998612	52.64492219	1.000180457
1.5519	0.99982147	0.01889520	52.91403902	0.018898576	52.92348747	1.000178562
1.5520	0.99982335	0.01879522	53.19561853	0.018798541	53.20501697	1.000176677
1.5521	0.99982523	0.01869524	53.48020981	0.018698506	53.48955825	1.000174802
1.5522	0.99982709	0.01859525	53.76786147	0.018598471	53.77715990	1.000172937
1.5523	0.99982895	0.01849527	54.05862312	0.018498436	54.06787155	1.000171081
1.5524	0.99983079	0.01839529	54.35254550	0.018398402	54.36174392	1.000169236
1.5525	0.99983263	0.01829531	54.64968043	0.018298369	54.65882885	1.000167401
1.5526	0.99983445	0.01819532	54.95008086	0.018198335	54.95917928	1.000165576
1.5527	0.99983627	0.01809534	55.25380095	0.018098302	55.26284936	1.000163761
1.5528	0.99983807	0.01799536	55.56089602	0.017998270	55.56989442	1.000161956
1.5529	0.99983987	0.01789537	55.87142265	0.017898238	55.88037105	1.000160161
1.5530	0.99984165	0.01779539	56.18543869	0.017798206	56.19433709	1.000158376
1.5531	0.99984342	0.01769540	56.50300329	0.017698174	56.51185169	1.000156600
1.5532	0.99984519	0.01759542	56.82417696	0.017598143	56.83297535	1.000154835
1.5533	0.99984694	0.01749543	57.14902157	0.017498112	57.15776996	1.000153080
1.5534	0.99984869	0.01739545	57.47760044	0.017398082	57.48629882	1.000151335
1.5535	0.99985042	0.01729546	57.80997832	0.017298052	57.81862670	1.000149600
1.5536	0.99985215	0.01719548	58.14622150	0.017198022	58.15481988	1.000147875
1.5537	0.99985386	0.01709549	58.48639781	0.017097993	58.49494618	1.000146160
1.5538	0.99985557	0.01699551	58.83057666	0.016997964	58.83907503	1.000144455
1.5539	0.99985726	0.01689552	59.17882913	0.016897935	59.18727749	1.000142760
1.5540	0.99985895	0.01679554	59.53122796	0.016797906	59.53962632	1.000141075
1.5541	0.99986062	0.01669555	59.88784768	0.016697878	59.89619603	1.000139400
1.5542	0.99986228	0.01659556	60.24876456	0.016597851	60.25706291	1.000137735
1.5543	0.99986394	0.01649558	60.61405676	0.016497823	60.62230512	1.000136080
1.5544	0.99986558	0.01639559	60.98380434	0.016397796	60.99200269	1.000134435
1.5545	0.99986722	0.01629561	61.35808932	0.016297770	61.36623766	1.000132800
1.5546	0.99986884	0.01619562	61.73699573	0.016197743	61.74509407	1.000131175
1.5547	0.99987046	0.01609563	62.12060971	0.016097717	62.12865805	1.000129560
1.5548	0.99987206	0.01599564	62.50901955	0.015997691	62.51701789	1.000127955
1.5549	0.99987366	0.01589566	62.90231576	0.015897666	62.91026409	1.000126360

x	sin(x)	cos(x)	tan(x)	cot(x)	sec(x)	csc(x)
1.5550	0.99987524	0.01579567	63.30059114	0.015797641	63.30848947	1.000124775
1.5551	0.99987682	0.01569568	63.70394085	0.015697616	63.71178918	1.000123200
1.5552	0.99987838	0.01559569	64.11246251	0.015597591	64.12026083	1.000121635
1.5553	0.99987993	0.01549571	64.52625623	0.015497567	64.53400455	1.000120080
1.5554	0.99988148	0.01539572	64.94542474	0.015397543	64.95312306	1.000118535
1.5555	0.99988301	0.01529573	65.37007346	0.015297520	65.37772177	1.000117000
1.5556	0.99988454	0.01519574	65.80031057	0.015197497	65.80790888	1.000115475
1.5557	0.99988605	0.01509575	66.23624714	0.015097474	66.24379545	1.000113960
1.5558	0.99988756	0.01499576	66.67799717	0.014997451	66.68549547	1.000112455
1.5559	0.99988905	0.01489578	67.12567775	0.014897429	67.13312605	1.000110961
1.5560	0.99989054	0.01479579	67.57940911	0.014797407	67.58680741	1.000109476
1.5561	0.99989201	0.01469580	68.03931478	0.014697385	68.04666308	1.000108001
1.5562	0.99989348	0.01459581	68.50552166	0.014597363	68.51281995	1.000106536
1.5563	0.99989493	0.01449582	68.97816015	0.014497342	68.98540844	1.000105081
1.5564	0.99989637	0.01439583	69.45736427	0.014397321	69.46456256	1.000103636
1.5565	0.99989781	0.01429584	69.94327180	0.014297301	69.95042009	1.000102201
1.5566	0.99989923	0.01419585	70.43602440	0.014197281	70.44312268	1.000100776
1.5567	0.99990065	0.01409586	70.93576775	0.014097261	70.94281603	1.000099361
1.5568	0.99990205	0.01399587	71.44265169	0.013997241	71.44964996	1.000097957
1.5569	0.99990345	0.01389588	71.95683036	0.013897221	71.96377864	1.000096562
1.5570	0.99990483	0.01379589	72.47846241	0.013797202	72.48536068	1.000095177
1.5571	0.99990621	0.01369590	73.00771107	0.013697183	73.01455934	1.000093802
1.5572	0.99990757	0.01359591	73.54474442	0.013597165	73.55154269	1.000092437
1.5573	0.99990893	0.01349592	74.08973549	0.013497146	74.09648376	1.000091082
1.5574	0.99991027	0.01339593	74.64286249	0.013397128	74.64956075	1.000089737
1.5575	0.99991161	0.01329594	75.20430898	0.013297110	75.21095724	1.000088403
1.5576	0.99991293	0.01319594	75.77426410	0.013197093	75.78086235	1.000087078
1.5577	0.99991424	0.01309595	76.35292275	0.013097076	76.35947101	1.000085763
1.5578	0.99991555	0.01299596	76.94048585	0.012997059	76.94698410	1.000084458
1.5579	0.99991684	0.01289597	77.53716053	0.012897042	77.54360879	1.000083163
1.5580	0.99991813	0.01279598	78.14316041	0.012797025	78.14955866	1.000081879
1.5581	0.99991940	0.01269599	78.75870583	0.012697009	78.76505408	1.000080604
1.5582	0.99992067	0.01259599	79.38402413	0.012596993	79.39032238	1.000079339
1.5583	0.99992192	0.01249600	80.01934994	0.012496977	80.02559818	1.000078084
1.5584	0.99992317	0.01239601	80.66492543	0.012396962	80.67112367	1.000076839
1.5585	0.99992440	0.01229602	81.32100068	0.012296947	81.32714892	1.000075605
1.5586	0.99992563	0.01219602	81.98783395	0.012196932	81.99393219	1.000074380
1.5587	0.99992684	0.01209603	82.66569205	0.012096917	82.67174029	1.000073165
1.5588	0.99992804	0.01199604	83.35485070	0.011996902	83.36084893	1.000071960
1.5589	0.99992924	0.01189605	84.05559486	0.011896888	84.06154309	1.000070765
1.5590	0.99993042	0.01179605	84.76821917	0.011796874	84.77411740	1.000069581
1.5591	0.99993160	0.01169606	85.49302835	0.011696860	85.49887658	1.000068406
1.5592	0.99993276	0.01159607	86.23033762	0.011596847	86.23613585	1.000067241
1.5593	0.99993392	0.01149607	86.98047318	0.011496833	86.98622140	1.000066086
1.5594	0.99993506	0.01139608	87.74377267	0.011396820	87.74947089	1.000064942
1.5595	0.99993620	0.01129609	88.52058568	0.011296807	88.52623391	1.000063807
1.5596	0.99993732	0.01119609	89.31127432	0.011196795	89.31687254	1.000062682
1.5597	0.99993844	0.01109610	90.11621371	0.011096782	90.12176193	1.000061567
1.5598	0.99993954	0.01099611	90.93579264	0.010996770	90.94129086	1.000060463
1.5599	0.99994064	0.01089611	91.77041418	0.010896758	91.77586240	1.000059368

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
1.5600	0.99994172	0.01079612	92.62049632	0.010796746	92.62589453	1.000058283
1.5601	0.99994279	0.01069612	93.48647267	0.010696735	93.49182088	1.000057208
1.5602	0.99994386	0.01059613	94.36879323	0.010596723	94.37409145	1.000056144
1.5603	0.99994491	0.01049613	95.26792515	0.010496712	95.27317336	1.000055089
1.5604	0.99994596	0.01039614	96.18435353	0.010396701	96.18955174	1.000054044
1.5605	0.99994699	0.01029614	97.11858234	0.010296691	97.12373055	1.000053010
1.5606	0.99994802	0.01019615	98.07113531	0.010196680	98.07623351	1.000051985
1.5607	0.99994903	0.01009616	99.04255691	0.010096670	99.04760512	1.000050970
1.5608	0.99995004	0.00999616	100.0334134	0.009996660	100.0384116	1.000049965
1.5609	0.99995103	0.00989617	101.0442940	0.009896650	101.0492422	1.000048971
1.5610	0.99995202	0.00979617	102.0758118	0.009796640	102.0807100	1.000047986
1.5611	0.99995299	0.00969617	103.1286054	0.009696631	103.1334536	1.000047011
1.5612	0.99995396	0.00959618	104.2033400	0.009596621	104.2081382	1.000046047
1.5613	0.99995491	0.00949618	105.3007085	0.009496612	105.3054567	1.000045092
1.5614	0.99995585	0.00939619	106.4214338	0.009396603	106.4261319	1.000044147
1.5615	0.99995679	0.00929619	107.5662694	0.009296595	107.5709176	1.000043212
1.5616	0.99995771	0.00919620	108.7360020	0.009196586	108.7406002	1.000042288
1.5617	0.99995863	0.00909620	109.9314527	0.009096578	109.9360009	1.000041373
1.5618	0.99995953	0.00899621	111.1534790	0.008996570	111.1579772	1.000040468
1.5619	0.99996043	0.00889621	112.4029772	0.008896562	112.4074254	1.000039574
1.5620	0.99996131	0.00879621	113.6808842	0.008796554	113.6852824	1.000038689
1.5621	0.99996219	0.00869622	114.9881800	0.008696546	114.9925282	1.000037814
1.5622	0.99996305	0.00859622	116.3258903	0.008596539	116.3301885	1.000036950
1.5623	0.99996391	0.00849622	117.6950889	0.008496531	117.6993371	1.000036095
1.5624	0.99996475	0.00839623	119.0969009	0.008396524	119.1010991	1.000035250
1.5625	0.99996559	0.00829623	120.5325057	0.008296517	120.5366539	1.000034416
1.5626	0.99996641	0.00819624	122.0031401	0.008196510	122.0072383	1.000033591
1.5627	0.99996722	0.00809624	123.5101022	0.008096504	123.5141504	1.000032776
1.5628	0.99996803	0.00799624	125.0547547	0.007996497	125.0587529	1.000031971
1.5629	0.99996882	0.00789624	126.6385298	0.007896491	126.6424780	1.000031177
1.5630	0.99996961	0.00779625	128.2629327	0.007796485	128.2668309	1.000030392
1.5631	0.99997038	0.00769625	129.9295472	0.007696479	129.9333954	1.000029617
1.5632	0.99997115	0.00759625	131.6400403	0.007596473	131.6438385	1.000028853
1.5633	0.99997190	0.00749626	133.3961680	0.007496467	133.3999162	1.000028098
1.5634	0.99997265	0.00739626	135.1997812	0.007396462	135.2034794	1.000027353
1.5635	0.99997338	0.00729626	137.0528326	0.007296456	137.0564807	1.000026619
1.5636	0.99997411	0.00719626	138.9573829	0.007196451	138.9609810	1.000025894
1.5637	0.99997482	0.00709627	140.9156093	0.007096446	140.9191575	1.000025179
1.5638	0.99997553	0.00699627	142.9298135	0.006996441	142.9333116	1.000024475
1.5639	0.99997622	0.00689627	145.0024305	0.006896436	145.0058787	1.000023780
1.5640	0.99997691	0.00679627	147.1360388	0.006796431	147.1394370	1.000023095
1.5641	0.99997758	0.00669628	149.3333709	0.006696427	149.3367191	1.000022421
1.5642	0.99997824	0.00659628	151.5973249	0.006596422	151.6006231	1.000021756
1.5643	0.99997890	0.00649628	153.9309773	0.006496418	153.9342255	1.000021102
1.5644	0.99997954	0.00639628	156.3375972	0.006396414	156.3407954	1.000020457
1.5645	0.99998018	0.00629629	158.8206613	0.006296410	158.8238095	1.000019822
1.5646	0.99998080	0.00619629	161.3838706	0.006196406	161.3869688	1.000019198
1.5647	0.99998142	0.00609629	164.0311691	0.006096402	164.0342173	1.000018583
1.5648	0.99998202	0.00599629	166.7667639	0.005996399	166.7697620	1.000017978
1.5649	0.99998262	0.00589629	169.5951473	0.005896395	169.5980954	1.000017384

x	sin(x)	cos(x)	tan(x)	cot(x)	sec(x)	csc(x)
1.5650	0.99998320	0.00579629	172.5211218	0.005796392	172.5240199	1.000016799
1.5651	0.99998378	0.00569630	175.5498271	0.005696388	175.5526753	1.000016224
1.5652	0.99998434	0.00559630	178.6867703	0.005596385	178.6895684	1.000015660
1.5653	0.99998490	0.00549630	181.9378591	0.005496382	181.9406073	1.000015105
1.5654	0.99998544	0.00539630	185.3094394	0.005396379	185.3121376	1.000014560
1.5655	0.99998597	0.00529630	188.8083361	0.005296376	188.8109843	1.000014026
1.5656	0.99998650	0.00519630	192.4418996	0.005196374	192.4444978	1.000013501
1.5657	0.99998701	0.00509630	196.2180572	0.005096371	196.2206054	1.000012986
1.5658	0.99998752	0.00499631	200.1453708	0.004996368	200.1478689	1.000012482
1.5659	0.99998801	0.00489631	204.2331018	0.004896366	204.2355499	1.000011987
1.5660	0.99998850	0.00479631	208.4912840	0.004796364	208.4936821	1.000011502
1.5661	0.99998897	0.00469631	212.9308057	0.004696361	212.9331538	1.000011028
1.5662	0.99998944	0.00459631	217.5635029	0.004596359	217.5658011	1.000010563
1.5663	0.99998989	0.00449631	222.4022645	0.004496357	222.4045126	1.000010109
1.5664	0.99999034	0.00439631	227.4611520	0.004396355	227.4633502	1.000009664
1.5665	0.99999077	0.00429631	232.7555363	0.004296353	232.7576844	1.000009229
1.5666	0.99999120	0.00419631	238.3022532	0.004196351	238.3043513	1.000008805
1.5667	0.99999161	0.00409632	244.1197826	0.004096350	244.1218308	1.000008390
1.5668	0.99999201	0.00399632	250.2284542	0.003996348	250.2304524	1.000007985
1.5669	0.99999241	0.00389632	256.6506847	0.003896347	256.6526328	1.000007591
1.5670	0.99999279	0.00379632	263.4112525	0.003796345	263.4131507	1.000007206
1.5671	0.99999317	0.00369632	270.5376178	0.003696344	270.5394660	1.000006831
1.5672	0.99999353	0.00359632	278.0602948	0.003596342	278.0620930	1.000006467
1.5673	0.99999389	0.00349632	286.0132888	0.003496341	286.0150369	1.000006112
1.5674	0.99999423	0.00339632	294.4346099	0.003396340	294.4363081	1.000005768
1.5675	0.99999457	0.00329632	303.3668809	0.003296339	303.3685290	1.000005433
1.5676	0.99999489	0.00319632	312.8580582	0.003196338	312.8596564	1.000005108
1.5677	0.99999521	0.00309632	322.9622939	0.003096337	322.9638420	1.000004794
1.5678	0.99999551	0.00299632	333.7409688	0.002996336	333.7424670	1.000004489
1.5679	0.99999581	0.00289632	345.2639410	0.002896335	345.2653892	1.000004194
1.5680	0.99999609	0.00279632	357.6110615	0.002796334	357.6124597	1.000003910
1.5681	0.99999636	0.00269632	370.8740270	0.002696333	370.8753752	1.000003635
1.5682	0.99999663	0.00259632	385.1586615	0.002596333	385.1599596	1.000003370
1.5683	0.99999688	0.00249632	400.5877455	0.002496332	400.5889937	1.000003116
1.5684	0.99999713	0.00239632	417.3045546	0.002396331	417.3057528	1.000002871
1.5685	0.99999736	0.00229632	435.4773217	0.002296331	435.4784698	1.000002637
1.5686	0.99999759	0.00219633	455.3049184	0.002196330	455.3060165	1.000002412
1.5687	0.99999780	0.00209633	477.0241632	0.002096330	477.0252114	1.000002197
1.5688	0.99999801	0.00199633	500.9193255	0.001996329	500.9203237	1.000001993
1.5689	0.99999820	0.00189633	527.3346366	0.001896329	527.3355848	1.000001798
1.5690	0.99999839	0.00179633	556.6909803	0.001796329	556.6918785	1.000001613
1.5691	0.99999856	0.00169633	589.5084861	0.001696328	589.5093343	1.000001439
1.5692	0.99999873	0.00159633	626.4376153	0.001596328	626.4384134	1.000001274
1.5693	0.99999888	0.00149633	668.3027111	0.001496328	668.3034592	1.000001119
1.5694	0.99999903	0.00139633	716.1642631	0.001396328	716.1649612	1.000000975
1.5695	0.99999916	0.00129633	771.4099900	0.001296328	771.4106381	1.000000840
1.5696	0.99999928	0.00119633	835.8916035	0.001196327	835.8922017	1.000000716
1.5697	0.99999940	0.00109633	912.1364214	0.001096327	912.1369695	1.000000601
1.5698	0.99999950	0.00099633	1003.686415	0.000996327	1003.686913	1.000000496
1.5699	0.99999960	0.00089633	1115.664217	0.000896327	1115.664666	1.000000402

x	$\sin(x)$	$\cos(x)$	$\tan(x)$	$\cot(x)$	$\sec(x)$	$\csc(x)$
1.5700	0.99999968	0.00079633	1255.765592	0.000796327	1255.765990	1.000000317
1.5701	0.99999976	0.00069633	1436.107077	0.000696327	1436.107426	1.000000242
1.5702	0.99999982	0.00059633	1676.932665	0.000596327	1676.932963	1.000000178
1.5703	0.99999988	0.00049633	2014.801393	0.000496327	2014.801641	1.000000123
1.5704	0.99999992	0.00039633	2523.170173	0.000396327	2523.170371	1.000000079
1.5705	0.99999996	0.00029633	3374.652539	0.000296327	3374.652687	1.000000044
1.5706	0.99999998	0.00019633	5093.548171	0.000196327	5093.548270	1.000000019
1.5707	1.00000000	0.00009633	10381.32742	0.000096327	10381.32747	1.000000005
$\pi/2$	1	0	∞	0	∞	1