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1 Introduction

Edward Sang (1805–1890) was probably the greatest calculator of logarithms of the 19th century [4, 12, 13, 14, 26, 33]. Sang spent 40 years computing tables of logarithms and trigonometric functions, with the assistance from his daughters Flora (1838-1925) and Jane (1834-1878). The result fills about 50 manuscript volumes, plus a number of transfer duplicates, which are kept at Edinburgh University Library and at the National Library of Scotland, Edinburgh. I have reconstructed a number of these tables and an overview of the tables and reconstructions can be found in a separate guide [37].

Sang's purpose was in particular to provide fundamental tables, including for the decimal division of the quadrant. In 1890 [4, p. 189], he wrote that

In addition to the results being accurate to a degree far beyond what can ever be needed in practical matters, [the collection of computations] contains what no work of the kind has contained before, a complete and clear record of all the steps by which those results were reached. Thus we are enabled at once to verify, or if necessary, to correct the record, so making it a standard for all time.

For these reasons it is proposed that the entire collection be acquired by, and preserved in, some official library, so as to be accessible to all interested in such matters; so that future computers may be enabled to extend the work without the need of recomputing what has been already done; and also so that those extracts which are judged to be expedient may be published.

2 Canon of sines

In the second half of the 1870s, Sang worked on the construction of a canon of sines [38]. This canon was built in three stages. First, Sang computed the sines at intervals of $25'$. Then he constructed a second table at intervals of $5'$. These two tables are found in volume K40, but I have reconstructed them in two separate volumes [46, 47].

Finally, Sang constructed a canon of sines at $1'$ intervals, spanning 500 pages, with 20 sines per page. This canon is found in volumes K41 and K42 and I have gathered their reconstruction in the present document. In his summary of tables drawn in July 1890 [70, 4], Sang describes the current volume:

These volumes contain the sines to 15 places of arcs differing by $1'$, with their first and second differences, the computation having been facilitated by a table of 1000 multiples of $2 \text{ ver } .1'$. The table has been bound in two parts, for the convenience of referring to the sine and to the cosine of an arc.

Sang's table seems to be very accurate, and there are apparently almost no deviations from my reconstruction. On the last page of his table, Sang gives the sine of $99^\circ 99'$ as 0.99999 99876 62994 but there is a question mark in the margin. Either Sang, or someone else, noticed that this value is off by one unit of the 15th place. There is, incidentally, also a question mark next to the sine of $51^\circ 12'$, although the value of the sine is correct. There are possibly other errors, but the samples I have taken suggest that Sang's table is almost entirely correct.

74	Sine.	74	Sine.
00	.91775 26256 83981 6 23725 22180 226 46227	10	.91837 73316 41088 6 21459 90751 226 61585
01	.91781 69982 06161 6 23498 75953 226 47764	11	.91843 94776 81839 6 21233 29166 226 63119
02	.91787 93480 82114 6 23272 28189 226 49304	12	.91850 16009 61005 6 21006 66047 226 64651
03	.91794 16753 10303 6 23045 78885 226 50840	13	.91856 37016 27052 6 20780 01396 226 66182
04	.91800 39798 89188 6 22819 28045 226 52377	14	.91862 57796 28448 6 20553 35214 226 67714
05	.91806 62618 17233 6 22592 75668 226 53913	15	.91868 78349 63662 6 20326 67500 226 69245
06	.91812 85210 92901 6 22366 21755 226 55449	16	.91874 98676 31162 6 20099 98255 226 70773
07	.91819 07577 14656 6 22139 66306 226 56984	17	.91881 18776 29417 ? 6 19873 27482 226 72305
08	.91825 29716 80962 6 21913 09322 226 58518	18	.91887 38649 56899 6 19646 55177 226 73832
09	.91831 51629 90284 6 21686 50804 226 60053	19	.91893 58296 12076 6 19419 81345 226 75361

Figure 1: Excerpt from Sang's table of sines to 1' intervals. (Courtesy Edinburgh University Library)

References

The following list covers the most important references¹ related to Sang's table. Not all items of this list are mentioned in the text, and the sources which have not been seen are marked so. I have added notes about the contents of the articles in certain cases.

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¹**Note on the titles of the works:** Original titles come with many idiosyncrasies and features (line splitting, size, fonts, etc.) which can often not be reproduced in a list of references. It has therefore seemed pointless to capitalize works according to conventions which not only have no relation with the original work, but also do not restore the title entirely. In the following list of references, most title words (except in German) will therefore be left uncapitalized. The names of the authors have also been homogenized and initials expanded, as much as possible.

The reader should keep in mind that this list is not meant as a facsimile of the original works. The original style information could no doubt have been added as a note, but I have not done it here.

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Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

0°	Sine.			0°	Sine.		
00'	.00000	00000	00000	10'	.00157	07956	80831
	+	15	70796 32034		+	15	70794 18865
	-		3877		-		42633
01	.00015	70796	32034	11	.00172	78750	99696
	+	15	70796 28157		+	15	70793 76232
	-		7751		-		46509
02	.00031	41592	60191	12	.00188	49544	75928
	+	15	70796 20406		+	15	70793 29723
	-		11627		-		50386
03	.00047	12388	80597	13	.00204	20338	05651
	+	15	70796 08779		+	15	70792 79337
	-		15503		-		54261
04	.00062	83184	89376	14	.00219	91130	84988
	+	15	70795 93276		+	15	70792 25076
	-		19379		-		58136
05	.00078	53980	82652	15	.00235	61923	10064
	+	15	70795 73897		+	15	70791 66940
	-		23255		-		62013
06	.00094	24776	56549	16	.00251	32714	77004
	+	15	70795 50642		+	15	70791 04927
	-		27131		-		65888
07	.00109	95572	07191	17	.00267	03505	81931
	+	15	70795 23511		+	15	70790 39039
	-		31005		-		69764
08	.00125	66367	30702	18	.00282	74296	20970
	+	15	70794 92506		+	15	70789 69275
	-		34883		-		73640
09	.00141	37162	23208	19	.00298	45085	90245
	+	15	70794 57623		+	15	70788 95635
	-		38758		-		77516

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

0°	Sine.			0°	Sine.		
20'	.00314	15874	85880	30'	.00471	23715	39373
	+	15	70788 18119		+	15	70778 29798
	-		81391		-		1 20150
21	.00329	86663	03999	31	.00486	94493	69171
	+	15	70787 36728		+	15	70777 09648
	-		85267		-		1 24024
22	.00345	57450	40727	32	.00502	65270	78819
	+	15	70786 51461		+	15	70775 85624
	-		89143		-		1 27901
23	.00361	28236	92188	33	.00518	36046	64443
	+	15	70785 62318		+	15	70774 57723
	-		93018		-		1 31776
24	.00376	99022	54506	34	.00534	06821	22166
	+	15	70784 69300		+	15	70773 25947
	-		96895		-		1 35651
25	.00392	69807	23806	35	.00549	77594	48113
	+	15	70783 72405		+	15	70771 90296
	-		1 00770		-		1 39528
26	.00408	40590	96211	36	.00565	48366	38409
	+	15	70782 71635		+	15	70770 50768
	-		1 04645		-		1 43403
27	.00424	11373	67846	37	.00581	19136	89177
	+	15	70781 66990		+	15	70769 07365
	-		1 08523		-		1 47279
28	.00439	82155	34836	38	.00596	89905	96542
	+	15	70780 58467		+	15	70767 60086
	-		1 12397		-		1 51155
29	.00455	52935	93303	39	.00612	60673	56628
	+	15	70779 46070		+	15	70766 08931
	-		1 16272		-		1 55030

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

0°	Sine.			0°	Sine.				
40'	.00628	31439	65559	50'	.00785	39008	88711		
	+	15	70764	53901		+	15	70746	90434
	-		1	58906		-		1	97662
41	.00644	02204	19460	51	.00801	09755	79145		
	+	15	70762	94995		+	15	70744	92772
	-		1	62782		-		2	01540
42	.00659	72967	14455	52	.00816	80500	71917		
	+	15	70761	32213		+	15	70742	91232
	-		1	66658		-		2	05413
43	.00675	43728	46668	53	.00832	51243	63149		
	+	15	70759	65555		+	15	70740	85819
	-		1	70532		-		2	09291
44	.00691	14488	12223	54	.00848	21984	48968		
	+	15	70757	95023		+	15	70738	76528
	-		1	74410		-		2	13165
45	.00706	85246	07246	55	.00863	92723	25496		
	+	15	70756	20613		+	15	70736	63363
	-		1	78284		-		2	17041
46	.00722	56002	27859	56	.00879	63459	88859		
	+	15	70754	42329		+	15	70734	46322
	-		1	82160		-		2	20917
47	.00738	26756	70188	57	.00895	34194	35181		
	+	15	70752	60169		+	15	70732	25405
	-		1	86036		-		2	24792
48	.00753	97509	30357	58	.00911	04926	60586		
	+	15	70750	74133		+	15	70730	00613
	-		1	89912		-		2	28668
49	.00769	68260	04490	59	.00926	75656	61199		
	+	15	70748	84221		+	15	70727	71945
	-		1	93787		-		2	32544

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

0°	Sine.			0°	Sine.		
60'	.00942	46384	33144	70'	.01099	53527	23218
	+	15	70725 39401		+	15	70700 00807
	-		2 36419		-		2 75174
61	.00958	17109	72545	71	.01115	24227	24025
	+	15	70723 02982		+	15	70697 25633
	-		2 40295		-		2 79051
62	.00973	87832	75527	72	.01130	94924	49658
	+	15	70720 62687		+	15	70694 46582
	-		2 44170		-		2 82927
63	.00989	58553	38214	73	.01146	65618	96240
	+	15	70718 18517		+	15	70691 63655
	-		2 48047		-		2 86801
64	.01005	29271	56731	74	.01162	36310	59895
	+	15	70715 70470		+	15	70688 76854
	-		2 51921		-		2 90677
65	.01020	99987	27201	75	.01178	06999	36749
	+	15	70713 18549		+	15	70685 86177
	-		2 55797		-		2 94553
66	.01036	70700	45750	76	.01193	77685	22926
	+	15	70710 62752		+	15	70682 91624
	-		2 59673		-		2 98427
67	.01052	41411	08502	77	.01209	48368	14550
	+	15	70708 03079		+	15	70679 93197
	-		2 63549		-		3 02305
68	.01068	12119	11581	78	.01225	19048	07747
	+	15	70705 39530		+	15	70676 90892
	-		2 67423		-		3 06178
69	.01083	82824	51111	79	.01240	89724	98639
	+	15	70702 72107		+	15	70673 84714
	-		2 71300		-		3 10056

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

0°	Sine.			0°	Sine.		
80'	.01256	60398	83353	90'	.01413	66960	38033
	+	15	70670 74658		+	15	70637 60963
	-		3 13929		-		3 52685
81	.01272	31069	58011	91	.01429	37597	98996
	+	15	70667 60729		+	15	70634 08278
	-		3 17806		-		3 56559
82	.01288	01737	18740	92	.01445	08232	07274
	+	15	70664 42923		+	15	70630 51719
	-		3 21680		-		3 60435
83	.01303	72401	61663	93	.01460	78862	58993
	+	15	70661 21243		+	15	70626 91284
	-		3 25558		-		3 64311
84	.01319	43062	82906	94	.01476	49489	50277
	+	15	70657 95685		+	15	70623 26973
	-		3 29431		-		3 68186
85	.01335	13720	78591	95	.01492	20112	77250
	+	15	70654 66254		+	15	70619 58787
	-		3 33307		-		3 72061
86	.01350	84375	44845	96	.01507	90732	36037
	+	15	70651 32947		+	15	70615 86726
	-		3 37184		-		3 75936
87	.01366	55026	77792	97	.01523	61348	22763
	+	15	70647 95763		+	15	70612 10790
	-		3 41057		-		3 79813
88	.01382	25674	73555	98	.01539	31960	33553
	+	15	70644 54706		+	15	70608 30977
	-		3 44934		-		3 83686
89	.01397	96319	28261	99	.01555	02568	64530
	+	15	70641 09772		+	15	70604 47291
	-		3 48809		-		3 87563

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

1 ^c	Sine.			1 ^c	Sine.		
00'	.01570	73173	11821	10'	.01727	78998	29365
	+	15	70600 59728		+	15	70559 70962
	-		3 91438		-		4 30189
01	.01586	43773	71549	11	.01743	49558	00327
	+	15	70596 68290		+	15	70555 40773
	-		3 95313		-		4 34066
02	.01602	14370	39839	12	.01759	20113	41100
	+	15	70592 72977		+	15	70551 06707
	-		3 99189		-		4 37941
03	.01617	84963	12816	13	.01774	90664	47807
	+	15	70588 73788		+	15	70546 68766
	-		4 03063		-		4 41816
04	.01633	55551	86604	14	.01790	61211	16573
	+	15	70584 70725		+	15	70542 26950
	-		4 06939		-		4 45690
05	.01649	26136	57329	15	.01806	31753	43523
	+	15	70580 63786		+	15	70537 81260
	-		4 10814		-		4 49567
06	.01664	96717	21115	16	.01822	02291	24783
	+	15	70576 52972		+	15	70533 31693
	-		4 14690		-		4 53441
07	.01680	67293	74087	17	.01837	72824	56476
	+	15	70572 38282		+	15	70528 78252
	-		4 18564		-		4 57316
08	.01696	37866	12369	18	.01853	43353	34728
	+	15	70568 19718		+	15	70524 20936
	-		4 22440		-		4 61192
09	.01712	08434	32087	19	.01869	13877	55664
	+	15	70563 97278		+	15	70519 59744
	-		4 26316		-		4 65066

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

1 ^c	Sine.			1 ^c	Sine.		
20'	.01884	84397	15408	30'	.02041	89330	94800
	+	15	70514 94678		+	15	70466 30884
	-		4 68942		-		5 07693
21	.01900	54912	10086	31	.02057	59797	25684
	+	15	70510 25736		+	15	70461 23191
	-		4 72817		-		5 11566
22	.01916	25422	35822	32	.02073	30258	48875
	+	15	70505 52919		+	15	70456 11625
	-		4 76692		-		5 15442
23	.01931	95927	88741	33	.02089	00714	60500
	+	15	70500 76227		+	15	70450 96183
	-		4 80567		-		5 19317
24	.01947	66428	64968	34	.02104	71165	56683
	+	15	70495 95660		+	15	70445 76866
	-		4 84441		-		5 23192
25	.01963	36924	60628	35	.02120	41611	33549
	+	15	70491 11219		+	15	70440 53674
	-		4 88318		-		5 27066
26	.01979	07415	71847	36	.02136	12051	87223
	+	15	70486 22901		+	15	70435 26608
	-		4 92191		-		5 30942
27	.01994	77901	94748	37	.02151	82487	13831
	+	15	70481 30710		+	15	70429 95666
	-		4 96068		-		5 34816
28	.02010	48383	25458	38	.02167	52917	09497
	+	15	70476 34642		+	15	70424 60850
	-		4 99942		-		5 38692
29	.02026	18859	60100	39	.02183	23341	70347
	+	15	70471 34700		+	15	70419 22158
	-		5 03816		-		5 42565

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

1 ^c	Sine.			1 ^c	Sine.		
40'	.02198	93760	92505	50'	.02355	97648	33610
	+	15	70413 79593		+	15	70357 40818
	-		5 46442		-		5 85190
41	.02214	64174	72098	51	.02371	68005	74428
	+	15	70408 33151		+	15	70351 55628
	-		5 50315		-		5 89062
42	.02230	34583	05249	52	.02387	38357	30056
	+	15	70402 82836		+	15	70345 66566
	-		5 54191		-		5 92939
43	.02246	04985	88085	53	.02403	08702	96622
	+	15	70397 28645		+	15	70339 73627
	-		5 58066		-		5 96812
44	.02261	75383	16730	54	.02418	79042	70249
	+	15	70391 70579		+	15	70333 76815
	-		5 61939		-		6 00687
45	.02277	45774	87309	55	.02434	49376	47064
	+	15	70386 08640		+	15	70327 76128
	-		5 65815		-		6 04562
46	.02293	16160	95949	56	.02450	19704	23192
	+	15	70380 42825		+	15	70321 71566
	-		5 69691		-		6 08437
47	.02308	86541	38774	57	.02465	90025	94758
	+	15	70374 73134		+	15	70315 63129
	-		5 73563		-		6 12311
48	.02324	56916	11908	58	.02481	60341	57887
	+	15	70368 99571		+	15	70309 50818
	-		5 77440		-		6 16186
49	.02340	27285	11479	59	.02497	30651	08705
	+	15	70363 22131		+	15	70303 34632
	-		5 81313		-		6 20059

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

1 ^c	Sine.			1 ^c	Sine.		
60'	.02513	00954	43337	70'	.02670	03640	47052
	+	15	70297 14573		+	15	70233 00872
	-		6 23936		-		6 62679
61	.02528	71251	57910	71	.02685	73873	47924
	+	15	70290 90637		+	15	70226 38193
	-		6 27809		-		6 66555
62	.02544	41542	48547	72	.02701	44099	86117
	+	15	70284 62828		+	15	70219 71638
	-		6 31684		-		6 70427
63	.02560	11827	11375	73	.02717	14319	57755
	+	15	70278 31144		+	15	70213 01211
	-		6 35558		-		6 74304
64	.02575	82105	42519	74	.02732	84532	58966
	+	15	70271 95586		+	15	70206 26907
	-		6 39433		-		6 78176
65	.02591	52377	38105	75	.02748	54738	85873
	+	15	70265 56153		+	15	70199 48731
	-		6 43307		-		6 82051
66	.02607	22642	94258	76	.02764	24938	34604
	+	15	70259 12846		+	15	70192 66680
	-		6 47182		-		6 85926
67	.02622	92902	07104	77	.02779	95131	01284
	+	15	70252 65664		+	15	70185 80754
	-		6 51057		-		6 89799
68	.02638	63154	72768	78	.02795	65316	82038
	+	15	70246 14607		+	15	70178 90955
	-		6 54930		-		6 93675
69	.02654	33400	87375	79	.02811	35495	72993
	+	15	70239 59677		+	15	70171 97280
	-		6 58805		-		6 97548

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

1 ^c	Sine.			1 ^c	Sine.		
80'	.02827	05667	70273	90'	.02984	06997	38681
	+	15	70164 99732		+	15	70093 11170
	-		7 01422		-		7 40164
81	.02842	75832	70005	91	.02999	77090	49851
	+	15	70157 98310		+	15	70085 71006
	-		7 05297		-		7 44038
82	.02858	45990	68315	92	.03015	47176	20857
	+	15	70150 93013		+	15	70078 26968
	-		7 09171		-		7 47912
83	.02874	16141	61328	93	.03031	17254	47825
	+	15	70143 83842		+	15	70070 79056
	-		7 13045		-		7 51785
84	.02889	86285	45170	94	.03046	87325	26881
	+	15	70136 70797		+	15	70063 27271
	-		7 16919		-		7 55660
85	.02905	56422	15967	95	.03062	57388	54152
	+	15	70129 53878		+	15	70055 71611
	-		7 20794		-		7 59535
86	.02921	26551	69845	96	.03078	27444	25763
	+	15	70122 33084		+	15	70048 12076
	-		7 24667		-		7 63406
87	.02936	96674	02929	97	.03093	97492	37839
	+	15	70115 08417		+	15	70040 48670
	-		7 28542		-		7 67283
88	.02952	66789	11346	98	.03109	67532	86509
	+	15	70107 79875		+	15	70032 81387
	-		7 32415		-		7 71155
89	.02968	36896	91221	99	.03125	37565	67896
	+	15	70100 47460		+	15	70025 10232
	-		7 36290		-		7 75029

2 ^c	Sine.			2 ^c	Sine.		
00'	.03141	07590	78128	10'	.03298	07409	14650
	+	15	70017 35203		+	15	69937 71849
	-		7 78904		-		8 17640
01	.03156	77608	13331	11	.03313	77346	86499
	+	15	70009 56299		+	15	69929 54209
	-		7 82776		-		8 21515
02	.03172	47617	69630	12	.03329	47276	40708
	+	15	70001 73523		+	15	69921 32694
	-		7 86652		-		8 25388
03	.03188	17619	43153	13	.03345	17197	73402
	+	15	69993 86871		+	15	69913 07306
	-		7 90525		-		8 29262
04	.03203	87613	30024	14	.03360	87110	80708
	+	15	69985 96346		+	15	69904 78044
	-		7 94398		-		8 33135
05	.03219	57599	26370	15	.03376	57015	58752
	+	15	69978 01948		+	15	69896 44909
	-		7 98272		-		8 37009
06	.03235	27577	28318	16	.03392	26912	03661
	+	15	69970 03676		+	15	69888 07900
	-		8 02146		-		8 40883
07	.03250	97547	31994	17	.03407	96800	11561
	+	15	69962 01530		+	15	69879 67017
	-		8 06020		-		8 44755
08	.03266	67509	33524	18	.03423	66679	78578
	+	15	69953 95510		+	15	69871 22262
	-		8 09894		-		8 48630
09	.03282	37463	29034	19	.03439	36551	00840
	+	15	69945 85616		+	15	69862 73632
	-		8 13767		-		8 52502

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

2 ^c	Sine.			2 ^c	Sine.				
20'	.03455	06413	74472	30'	.03612	04565	84021		
	+	15	69854	21130		+	15	69766	83064
	-		8	56377		-		8	95110
21	.03470	76267	95602	31	.03627	74332	67085		
	+	15	69845	64753		+	15	69757	87954
	-		8	60250		-		8	98984
22	.03486	46113	60355	32	.03643	44090	55039		
	+	15	69837	04503		+	15	69748	88970
	-		8	64123		-		9	02855
23	.03502	15950	64858	33	.03659	13839	44009		
	+	15	69828	40380		+	15	69739	86115
	-		8	67997		-		9	06730
24	.03517	85779	05238	34	.03674	83579	30124		
	+	15	69819	72383		+	15	69730	79385
	-		8	71869		-		9	10602
25	.03533	55598	77621	35	.03690	53310	09509		
	+	15	69811	00514		+	15	69721	68783
	-		8	75744		-		9	14476
26	.03549	25409	78135	36	.03706	23031	78292		
	+	15	69802	24770		+	15	69712	54307
	-		8	79617		-		9	18349
27	.03564	95212	02905	37	.03721	92744	32599		
	+	15	69793	45153		+	15	69703	35958
	-		8	83490		-		9	22222
28	.03580	65005	48058	38	.03737	62447	68557		
	+	15	69784	61663		+	15	69694	13736
	-		8	87363		-		9	26094
29	.03596	34790	09721	39	.03753	32141	82293		
	+	15	69775	74300		+	15	69684	87642
	-		8	91236		-		9	29969

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

2 ^c	Sine.			2 ^c	Sine.		
40'	.03769	01826	69935	50'	.03925	98157	59069
	+	15	69675 57673		+	15	69580 44981
	-		9 33841		-		9 72570
41	.03784	71502	27608	51	.03941	67738	04050
	+	15	69666 23832		+	15	69570 72411
	-		9 37713		-		9 76442
42	.03800	41168	51440	52	.03957	37308	76461
	+	15	69656 86119		+	15	69560 95969
	-		9 41588		-		9 80315
43	.03816	10825	37559	53	.03973	06869	72430
	+	15	69647 44531		+	15	69551 15654
	-		9 45459		-		9 84189
44	.03831	80472	82090	54	.03988	76420	88084
	+	15	69637 99072		+	15	69541 31465
	-		9 49334		-		9 88061
45	.03847	50110	81162	55	.04004	45962	19549
	+	15	69628 49738		+	15	69531 43404
	-		9 53205		-		9 91933
46	.03863	19739	30900	56	.04020	15493	62953
	+	15	69618 96533		+	15	69521 51471
	-		9 57079		-		9 95806
47	.03878	89358	27433	57	.04035	85015	14424
	+	15	69609 39454		+	15	69511 55665
	-		9 60951		-		9 99679
48	.03894	58967	66887	58	.04051	54526	70089
	+	15	69599 78503		+	15	69501 55986
	-		9 64824		-		10 03551
49	.03910	28567	45390	59	.04067	24028	26075
	+	15	69590 13679		+	15	69491 52435
	-		9 68698		-		10 07424

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

2°	Sine.			2°	Sine.		
60'	.04082	93519	78510	70'	.04239	87874	55584
	+	15 69481	45011		+	15 69378	57787
	-	10 11297			-	10 50021	
61	.04098	63001	23521	71	.04255	57253	13371
	+	15 69471	33714		+	15 69368	07766
	-	10 15168			-	10 53893	
62	.04114	32472	57235	72	.04271	26621	21137
	+	15 69461	18546		+	15 69357	53873
	-	10 19042			-	10 57764	
63	.04130	01933	75781	73	.04286	95978	75010
	+	15 69450	99504		+	15 69346	96109
	-	10 22913			-	10 61638	
64	.04145	71384	75285	74	.04302	65325	71119
	+	15 69440	76591		+	15 69336	34471
	-	10 26788			-	10 65509	
65	.04161	40825	51876	75	.04318	34662	05590
	+	15 69430	49803		+	15 69325	68962
	-	10 30657			-	10 69381	
66	.04177	10256	01679	76	.04334	03987	74552
	+	15 69420	19146		+	15 69314	99581
	-	10 34532			-	10 73254	
67	.04192	79676	20825	77	.04349	73302	74133
	+	15 69409	84614		+	15 69304	26327
	-	10 38404			-	10 77126	
68	.04208	49086	05439	78	.04365	42607	00460
	+	15 69399	46210		+	15 69293	49201
	-	10 42275			-	10 80997	
69	.04224	18485	51649	79	.04381	11900	49661
	+	15 69389	03935		+	15 69282	68204
	-	10 46148			-	10 84870	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

2 ^c	Sine.			2 ^c	Sine.		
80'	.04396	81183	17865	90'	.04553	73406	93184
	+	15	69271 83334		+	15	69161 21679
	-		10 88743		-		11 27461
81	.04412	50455	01199	91	.04569	42568	14863
	+	15	69260 94591		+	15	69149 94218
	-		10 92613		-		11 31332
82	.04428	19715	95790	92	.04585	11718	09081
	+	15	69250 01978		+	15	69138 62886
	-		10 96485		-		11 35205
83	.04443	88965	97768	93	.04600	80856	71967
	+	15	69239 05493		+	15	69127 27681
	-		11 00359		-		11 39075
84	.04459	58205	03261	94	.04616	49983	99648
	+	15	69228 05134		+	15	69115 88606
	-		11 04229		-		11 42947
85	.04475	27433	08395	95	.04632	19099	88254
	+	15	69217 00905		+	15	69104 45659
	-		11 08102		-		11 46819
86	.04490	96650	09300	96	.04647	88204	33913
	+	15	69205 92803		+	15	69092 98840
	-		11 11973		-		11 50691
87	.04506	65856	02103	97	.04663	57297	32753
	+	15	69194 80830		+	15	69081 48149
	-		11 15846		-		11 54562
88	.04522	35050	82933	98	.04679	26378	80902
	+	15	69183 64984		+	15	69069 93587
	-		11 19717		-		11 58433
89	.04538	04234	47917	99	.04694	95448	74489
	+	15	69172 45267		+	15	69058 35154
	-		11 23588		-		11 62306

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

3 ^c	Sine.			3 ^c	Sine.		
00'	.04710	64507	09643	10'	.04867	54444	95616
	+	15 69046	72848		+	15 68928	36872
	-	11 66176			-	12 04890	
01	.04726	33553	82491	11	.04883	23373	32488
	+	15 69035	06672		+	15 68916	31982
	-	11 70048			-	12 08760	
02	.04742	02588	89163	12	.04898	92289	64470
	+	15 69023	36624		+	15 68904	23222
	-	11 73919			-	12 12633	
03	.04757	71612	25787	13	.04914	61193	87692
	+	15 69011	62705		+	15 68892	10589
	-	11 77792			-	12 16502	
04	.04773	40623	88492	14	.04930	30085	98281
	+	15 68999	84913		+	15 68879	94087
	-	11 81661			-	12 20375	
05	.04789	09623	73405	15	.04945	98965	92368
	+	15 68988	03252		+	15 68867	73712
	-	11 85534			-	12 24245	
06	.04804	78611	76657	16	.04961	67833	66080
	+	15 68976	17718		+	15 68855	49467
	-	11 89404			-	12 28115	
07	.04820	47587	94375	17	.04977	36689	15547
	+	15 68964	28314		+	15 68843	21352
	-	11 93277			-	12 31988	
08	.04836	16552	22689	18	.04993	05532	36899
	+	15 68952	35037		+	15 68830	89364
	-	11 97147			-	12 35857	
09	.04851	85504	57726	19	.05008	74363	26263
	+	15 68940	37890		+	15 68818	53507
	-	12 01018			-	12 39730	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

3 ^c	Sine.			3 ^c	Sine.		
20'	.05024	43181	79770	30'	.05181	30678	91062
	+	15 68806	13777		+	15 68680	03596
	-	12 43599			-	12 82307	
21	.05040	11987	93547	31	.05196	99358	94658
	+	15 68793	70178		+	15 68667	21289
	-	12 47471			-	12 86177	
22	.05055	80781	63725	32	.05212	68026	15947
	+	15 68781	22707		+	15 68654	35112
	-	12 51341			-	12 90048	
23	.05071	49562	86432	33	.05228	36680	51059
	+	15 68768	71366		+	15 68641	45064
	-	12 55212			-	12 93918	
24	.05087	18331	57798	34	.05244	05321	96123
	+	15 68756	16154		+	15 68628	51146
	-	12 59084			-	12 97789	
25	.05102	87087	73952	35	.05259	73950	47269
	+	15 68743	57070		+	15 68615	53357
	-	12 62953			-	13 01658	
26	.05118	55831	31022	36	.05275	42566	00626
	+	15 68730	94117		+	15 68602	51699
	-	12 66824			-	13 05531	
27	.05134	24562	25139	37	.05291	11168	52325
	+	15 68718	27293		+	15 68589	46168
	-	12 70695			-	13 09399	
28	.05149	93280	52432	38	.05306	79757	98493
	+	15 68705	56598		+	15 68576	36769
	-	12 74566			-	13 13271	
29	.05165	61986	09030	39	.05322	48334	35262
	+	15 68692	82032		+	15 68563	23498
	-	12 78436			-	13 17139	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

3 ^c	Sine.			3 ^c	Sine.		
40'	.05338	16897	58760	50'	.05495	01799	12446
	+	15	68550 06359		+	15	68416 22096
	-		13 21012		-		13 59711
41	.05353	85447	65119	51	.05510	70215	34542
	+	15	68536 85347		+	15	68402 62385
	-		13 24880		-		13 63581
42	.05369	53984	50466	52	.05526	38617	96927
	+	15	68523 60467		+	15	68388 98804
	-		13 28751		-		13 67451
43	.05385	22508	10933	53	.05542	07006	95731
	+	15	68510 31716		+	15	68375 31353
	-		13 32622		-		13 71321
44	.05400	91018	42649	54	.05557	75382	27084
	+	15	68496 99094		+	15	68361 60032
	-		13 36490		-		13 75190
45	.05416	59515	41743	55	.05573	43743	87116
	+	15	68483 62604		+	15	68347 84842
	-		13 40363		-		13 79061
46	.05432	27999	04347	56	.05589	12091	71958
	+	15	68470 22241		+	15	68334 05781
	-		13 44230		-		13 82929
47	.05447	96469	26588	57	.05604	80425	77739
	+	15	68456 78011		+	15	68320 22852
	-		13 48102		-		13 86801
48	.05463	64926	04599	58	.05620	48746	00591
	+	15	68443 29909		+	15	68306 36051
	-		13 51971		-		13 90668
49	.05479	33369	34508	59	.05636	17052	36642
	+	15	68429 77938		+	15	68292 45383
	-		13 55842		-		13 94540

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

3 ^c	Sine.			3 ^c	Sine.		
60'	.05651	85344	82025	70'	.05808	67495	97738
	+	15	68278 50843		+	15	68136 92633
	-		13 98408		-		14 37102
61	.05667	53623	32868	71	.05824	35632	90371
	+	15	68264 52435		+	15	68122 55531
	-		14 02278		-		14 40972
62	.05683	21887	85303	72	.05840	03755	45902
	+	15	68250 50157		+	15	68108 14559
	-		14 06148		-		14 44840
63	.05698	90138	35460	73	.05855	71863	60461
	+	15	68236 44009		+	15	68093 69719
	-		14 10017		-		14 48710
64	.05714	58374	79469	74	.05871	39957	30180
	+	15	68222 33992		+	15	68079 21009
	-		14 13886		-		14 52579
65	.05730	26597	13461	75	.05887	08036	51189
	+	15	68208 20106		+	15	68064 68430
	-		14 17756		-		14 56448
66	.05745	94805	33567	76	.05902	76101	19619
	+	15	68194 02350		+	15	68050 11982
	-		14 21626		-		14 60316
67	.05761	62999	35917	77	.05918	44151	31601
	+	15	68179 80724		+	15	68035 51666
	-		14 25494		-		14 64187
68	.05777	31179	16641	78	.05934	12186	83267
	+	15	68165 55230		+	15	68020 87479
	-		14 29363		-		14 68054
69	.05792	99344	71871	79	.05949	80207	70746
	+	15	68151 25867		+	15	68006 19425
	-		14 33234		-		14 71924

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

3 ^c	Sine.			3 ^c	Sine.		
80'	.05965	48213	90171	90'	.06122	27459	90262
	+	15	67991 47501		+	15	67842 15482
	-		14 75793		-		15 14479
81	.05981	16205	37672	91	.06137	95302	05744
	+	15	67976 71708		+	15	67827 01003
	-		14 79661		-		15 18347
82	.05996	84182	09380	92	.06153	63129	06747
	+	15	67961 92047		+	15	67811 82656
	-		14 83530		-		15 22217
83	.06012	52144	01427	93	.06169	30940	89403
	+	15	67947 08517		+	15	67796 60439
	-		14 87400		-		15 26084
84	.06028	20091	09944	94	.06184	98737	49842
	+	15	67932 21117		+	15	67781 34355
	-		14 91267		-		15 29953
85	.06043	88023	31061	95	.06200	66518	84197
	+	15	67917 29850		+	15	67766 04402
	-		14 95136		-		15 33821
86	.06059	55940	60911	96	.06216	34284	88599
	+	15	67902 34714		+	15	67750 70581
	-		14 99005		-		15 37690
87	.06075	23842	95625	97	.06232	02035	59180
	+	15	67887 35709		+	15	67735 32891
	-		15 02874		-		15 41557
88	.06090	91730	31334	98	.06247	69770	92071
	+	15	67872 32835		+	15	67719 91334
	-		15 06742		-		15 45426
89	.06106	59602	64169	99	.06263	37490	83405
	+	15	67857 26093		+	15	67704 45908
	-		15 10611		-		15 49293

4 ^c	Sine.			4 ^c	Sine.		
00'	.06279	05195	29313	10'	.06435	81381	39000
	+	15 67688	96615		+	15 67531	90934
	-	15 53163			-	15 91841	
01	.06294	72884	25928	11	.06451	48913	29934
	+	15 67673	43452		+	15 67515	99093
	-	15 57030			-	15 95708	
02	.06310	40557	69380	12	.06467	16429	29027
	+	15 67657	86422		+	15 67500	03385
	-	15 60899			-	15 99577	
03	.06326	08215	55802	13	.06482	83929	32412
	+	15 67642	25523		+	15 67484	03808
	-	15 64765			-	16 03444	
04	.06341	75857	81325	14	.06498	51413	36220
	+	15 67626	60758		+	15 67468	00364
	-	15 68635			-	16 07312	
05	.06357	43484	42083	15	.06514	18881	36584
	+	15 67610	92123		+	15 67451	93052
	-	15 72502			-	16 11179	
06	.06373	11095	34206	16	.06529	86333	29636
	+	15 67595	19621		+	15 67435	81873
	-	15 76369			-	16 15047	
07	.06388	78690	53827	17	.06545	53769	11509
	+	15 67579	43252		+	15 67419	66826
	-	15 80239			-	16 18914	
08	.06404	46269	97079	18	.06561	21188	78335
	+	15 67563	63013		+	15 67403	47912
	-	15 84105			-	16 22781	
09	.06420	13833	60092	19	.06576	88592	26247
	+	15 67547	78908		+	15 67387	25131
	-	15 87974			-	16 26649	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

4 ^c	Sine.			4 ^c	Sine.		
20'	.06592	55979	51378	30'	.06749	28950	98897
	+	15	67370 98482		+	15	67206 19295
	-		16 30517		-		16 69186
21	.06608	23350	49860	31	.06764	96157	18192
	+	15	67354 67965		+	15	67189 50109
	-		16 34383		-		16 73055
22	.06623	90705	17825	32	.06780	63346	68301
	+	15	67338 33582		+	15	67172 77054
	-		16 38251		-		16 76921
23	.06639	58043	51407	33	.06796	30519	45355
	+	15	67321 95331		+	15	67156 00133
	-		16 42118		-		16 80788
24	.06655	25365	46738	34	.06811	97675	45488
	+	15	67305 53213		+	15	67139 19345
	-		16 45985		-		16 84654
25	.06670	92670	99951	35	.06827	64814	64833
	+	15	67289 07228		+	15	67122 34691
	-		16 49853		-		16 88522
26	.06686	59960	07179	36	.06843	31936	99524
	+	15	67272 57375		+	15	67105 46169
	-		16 53718		-		16 92388
27	.06702	27232	64554	37	.06858	99042	45693
	+	15	67256 03657		+	15	67088 53781
	-		16 57588		-		16 96254
28	.06717	94488	68211	38	.06874	66130	99474
	+	15	67239 46069		+	15	67071 57527
	-		16 61452		-		17 00122
29	.06733	61728	14280	39	.06890	33202	57001
	+	15	67222 84617		+	15	67054 57405
	-		16 65322		-		17 03988

4 ^c	Sine.			4 ^c	Sine.		
40'	.06906	00257	14406	50'	.07062	69859	31167
	+	15	67037 53417		+	15	66865 00888
	-		17 07854		-		17 46517
41	.06921	67294	67823	51	.07078	36724	32055
	+	15	67020 45563		+	15	66847 54371
	-		17 11721		-		17 50384
42	.06937	34315	13386	52	.07094	03571	86426
	+	15	67003 33842		+	15	66830 03987
	-		17 15587		-		17 54248
43	.06953	01318	47228	53	.07109	70401	90413
	+	15	66986 18255		+	15	66812 49739
	-		17 19453		-		17 58116
44	.06968	68304	65483	54	.07125	37214	40152
	+	15	66968 98802		+	15	66794 91623
	-		17 23321		-		17 61980
45	.06984	35273	64285	55	.07141	04009	31775
	+	15	66951 75481		+	15	66777 29643
	-		17 27186		-		17 65848
46	.07000	02225	39766	56	.07156	70786	61418
	+	15	66934 48295		+	15	66759 63795
	-		17 31052		-		17 69712
47	.07015	69159	88061	57	.07172	37546	25213
	+	15	66917 17243		+	15	66741 94083
	-		17 34919		-		17 73579
48	.07031	36077	05304	58	.07188	04288	19296
	+	15	66899 82324		+	15	66724 20504
	-		17 38785		-		17 77443
49	.07047	02976	87628	59	.07203	71012	39800
	+	15	66882 43539		+	15	66706 43061
	-		17 42651		-		17 81311

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

4 ^c	Sine.			4 ^c	Sine.		
60'	.07219	37718	82861	70'	.07376	03797	03599
	+	15	66688 61750		+	15	66508 36048
	-		17 85176		-		18 23830
61	.07235	04407	44611	71	.07391	70305	39647
	+	15	66670 76574		+	15	66490 12218
	-		17 89040		-		18 27695
62	.07250	71078	21185	72	.07407	36795	51865
	+	15	66652 87534		+	15	66471 84523
	-		17 92907		-		18 31560
63	.07266	37731	08719	73	.07423	03267	36388
	+	15	66634 94627		+	15	66453 52963
	-		17 96773		-		18 35424
64	.07282	04366	03346	74	.07438	69720	89351
	+	15	66616 97854		+	15	66435 17539
	-		18 00637		-		18 39291
65	.07297	70983	01200	75	.07454	36156	06890
	+	15	66598 97217		+	15	66416 78248
	-		18 04503		-		18 43155
66	.07313	37581	98417	76	.07470	02572	85138
	+	15	66580 92714		+	15	66398 35093
	-		18 08369		-		18 47019
67	.07329	04162	91131	77	.07485	68971	20231
	+	15	66562 84345		+	15	66379 88074
	-		18 12234		-		18 50885
68	.07344	70725	75476	78	.07501	35351	08305
	+	15	66544 72111		+	15	66361 37189
	-		18 16099		-		18 54750
69	.07360	37270	47587	79	.07517	01712	45494
	+	15	66526 56012		+	15	66342 82439
	-		18 19964		-		18 58615

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

4 ^c	Sine.			4 ^c	Sine.		
80'	.07532	68055	27933	90'	.07689	30454	90862
	+	15	66324 23824		+	15	66136 25127
	-		18 62478		-		19 01125
81	.07548	34379	51757	91	.07704	96591	15989
	+	15	66305 61346		+	15	66117 24002
	-		18 66344		-		19 04987
82	.07564	00685	13103	92	.07720	62708	39991
	+	15	66286 95002		+	15	66098 19015
	-		18 70209		-		19 08854
83	.07579	66972	08105	93	.07736	28806	59006
	+	15	66268 24793		+	15	66079 10161
	-		18 74073		-		19 12716
84	.07595	33240	32898	94	.07751	94885	69167
	+	15	66249 50720		+	15	66059 97445
	-		18 77938		-		19 16580
85	.07610	99489	83618	95	.07767	60945	66612
	+	15	66230 72782		+	15	66040 80865
	-		18 81802		-		19 20446
86	.07626	65720	56400	96	.07783	26986	47477
	+	15	66211 90980		+	15	66021 60419
	-		18 85667		-		19 24309
87	.07642	31932	47380	97	.07798	93008	07896
	+	15	66193 05313		+	15	66002 36110
	-		18 89531		-		19 28172
88	.07657	98125	52693	98	.07814	59010	44006
	+	15	66174 15782		+	15	65983 07938
	-		18 93395		-		19 32037
89	.07673	64299	68475	99	.07830	24993	51944
	+	15	66155 22387		+	15	65963 75901
	-		18 97260		-		19 35901

5 ^c	Sine.			5 ^c	Sine.		
00'	.07845	90957	27845	10'	.08002	49523	74809
	+	15	65944 40000		+	15	65748 68492
	-		19 39764		-		19 78399
01	.07861	56901	67845	11	.08018	15272	43301
	+	15	65925 00236		+	15	65728 90093
	-		19 43628		-		19 82263
02	.07877	22826	68081	12	.08033	81001	33394
	+	15	65905 56608		+	15	65709 07830
	-		19 47492		-		19 86127
03	.07892	88732	24689	13	.08049	46710	41224
	+	15	65886 09116		+	15	65689 21703
	-		19 51356		-		19 89989
04	.07908	54618	33805	14	.08065	12399	62927
	+	15	65866 57760		+	15	65669 31714
	-		19 55219		-		19 93853
05	.07924	20484	91565	15	.08080	78068	94641
	+	15	65847 02541		+	15	65649 37861
	-		19 59082		-		19 97716
06	.07939	86331	94106	16	.08096	43718	32502
	+	15	65827 43459		+	15	65629 40145
	-		19 62947		-		20 01579
07	.07955	52159	37565	17	.08112	09347	72647
	+	15	65807 80512		+	15	65609 38566
	-		19 66810		-		20 05441
08	.07971	17967	18077	18	.08127	74957	11213
	+	15	65788 13702		+	15	65589 33125
	-		19 70672		-		20 09305
09	.07986	83755	31779	19	.08143	40546	44338
	+	15	65768 43030		+	15	65569 23820
	-		19 74538		-		20 13168

5 ^c	Sine.			5 ^c	Sine.		
20'	.08159	06115	68158	30'	.08315	60694	44783
	+	15	65549 10652		+	15	65345 66528
	-		20 17031		-		20 55656
21	.08174	71664	78810	31	.08331	26040	11311
	+	15	65528 93621		+	15	65325 10872
	-		20 20892		-		20 59519
22	.08190	37193	72431	32	.08346	91365	22183
	+	15	65508 72729		+	15	65304 51353
	-		20 24757		-		20 63380
23	.08206	02702	45160	33	.08362	56669	73536
	+	15	65488 47972		+	15	65283 87973
	-		20 28618		-		20 67243
24	.08221	68190	93132	34	.08378	21953	61509
	+	15	65468 19354		+	15	65263 20730
	-		20 32482		-		20 71105
25	.08237	33659	12486	35	.08393	87216	82239
	+	15	65447 86872		+	15	65242 49625
	-		20 36344		-		20 74967
26	.08252	99106	99358	36	.08409	52459	31864
	+	15	65427 50528		+	15	65221 74658
	-		20 40206		-		20 78829
27	.08268	64534	49886	37	.08425	17681	06522
	+	15	65407 10322		+	15	65200 95829
	-		20 44069		-		20 82692
28	.08284	29941	60208	38	.08440	82882	02351
	+	15	65386 66253		+	15	65180 13137
	-		20 47931		-		20 86552
29	.08299	95328	26461	39	.08456	48062	15488
	+	15	65366 18322		+	15	65159 26585
	-		20 51794		-		20 90414

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

5 ^c	Sine.			5 ^c	Sine.		
40'	.08472	13221	42073	50'	.08628	63657	97923
	+	15	65138 36171		+	15	64927 19630
	-		20 94278		-		21 32892
41	.08487	78359	78244	51	.08644	28585	17553
	+	15	65117 41893		+	15	64905 86738
	-		20 98138		-		21 36753
42	.08503	43477	20137	52	.08659	93491	04291
	+	15	65096 43755		+	15	64884 49985
	-		21 02000		-		21 40615
43	.08519	08573	63892	53	.08675	58375	54276
	+	15	65075 41755		+	15	64863 09370
	-		21 05862		-		21 44475
44	.08534	73649	05647	54	.08691	23238	63646
	+	15	65054 35893		+	15	64841 64895
	-		21 09723		-		21 48337
45	.08550	38703	41540	55	.08706	88080	28541
	+	15	65033 26170		+	15	64820 16558
	-		21 13586		-		21 52198
46	.08566	03736	67710	56	.08722	52900	45099
	+	15	65012 12584		+	15	64798 64360
	-		21 17446		-		21 56059
47	.08581	68748	80294	57	.08738	17699	09459
	+	15	64990 95138		+	15	64777 08301
	-		21 21307		-		21 59919
48	.08597	33739	75432	58	.08753	82476	17760
	+	15	64969 73831		+	15	64755 48382
	-		21 25171		-		21 63781
49	.08612	98709	49263	59	.08769	47231	66142
	+	15	64948 48660		+	15	64733 84601
	-		21 29030		-		21 67641

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

5 ^c	Sine.			5 ^c	Sine.		
60'	.08785	11965	50743	70'	.08941	58105	39469
	+	15	64712 16960		+	15	64493 28212
	-		21 71502		-		22 10107
61	.08800	76677	67703	71	.08957	22598	67681
	+	15	64690 45458		+	15	64471 18105
	-		21 75364		-		22 13967
62	.08816	41368	13161	72	.08972	87069	85786
	+	15	64668 70094		+	15	64449 04138
	-		21 79223		-		22 17827
63	.08832	06036	83255	73	.08988	51518	89924
	+	15	64646 90871		+	15	64426 86311
	-		21 83084		-		22 21687
64	.08847	70683	74126	74	.09004	15945	76235
	+	15	64625 07787		+	15	64404 64624
	-		21 86944		-		22 25547
65	.08863	35308	81913	75	.09019	80350	40859
	+	15	64603 20843		+	15	64382 39077
	-		21 90806		-		22 29408
66	.08878	99912	02756	76	.09035	44732	79936
	+	15	64581 30037		+	15	64360 09669
	-		21 94666		-		22 33267
67	.08894	64493	32793	77	.09051	09092	89605
	+	15	64559 35371		+	15	64337 76402
	-		21 98525		-		22 37127
68	.08910	29052	68164	78	.09066	73430	66007
	+	15	64537 36846		+	15	64315 39275
	-		22 02387		-		22 40987
69	.08925	93590	05010	79	.09082	37746	05282
	+	15	64515 34459		+	15	64292 98288
	-		22 06247		-		22 44846

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

5 ^c	Sine.			5 ^c	Sine.		
80'	.09098	02039	03570	90'	.09254	43727	83062
	+	15	64270 53442		+	15	64043 92703
	-		22 48707		-		22 87300
81	.09113	66309	57012	91	.09270	07771	75765
	+	15	64248 04735		+	15	64021 05403
	-		22 52566		-		22 91159
82	.09129	30557	61747	92	.09285	71792	81168
	+	15	64225 52169		+	15	63998 14244
	-		22 56424		-		22 95019
83	.09144	94783	13916	93	.09301	35790	95412
	+	15	64202 95745		+	15	63975 19225
	-		22 60286		-		22 98876
84	.09160	58986	09661	94	.09316	99766	14637
	+	15	64180 35459		+	15	63952 20349
	-		22 64144		-		23 02736
85	.09176	23166	45120	95	.09332	63718	34986
	+	15	64157 71315		+	15	63929 17613
	-		22 68005		-		23 06595
86	.09191	87324	16435	96	.09348	27647	52599
	+	15	64135 03310		+	15	63906 11018
	-		22 71862		-		23 10454
87	.09207	51459	19745	97	.09363	91553	63617
	+	15	64112 31448		+	15	63883 00564
	-		22 75722		-		23 14312
88	.09223	15571	51193	98	.09379	55436	64181
	+	15	64089 55726		+	15	63859 86252
	-		22 79583		-		23 18171
89	.09238	79661	06919	99	.09395	19296	50433
	+	15	64066 76143		+	15	63836 68081
	-		22 83440		-		23 22029

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

6°	Sine.			6°	Sine.		
00'	.09410	83133	18514	10'	.09567	20216	51058
	+	15	63813 46052		+	15	63579 13545
	-		23 25888		-		23 64470
01	.09426	46946	64566	11	.09582	83795	64603
	+	15	63790 20164		+	15	63555 49075
	-		23 29748		-		23 68329
02	.09442	10736	84730	12	.09598	47351	13678
	+	15	63766 90416		+	15	63531 80746
	-		23 33604		-		23 72186
03	.09457	74503	75146	13	.09614	10882	94424
	+	15	63743 56812		+	15	63508 08560
	-		23 37463		-		23 76044
04	.09473	38247	31958	14	.09629	74391	02984
	+	15	63720 19349		+	15	63484 32516
	-		23 41323		-		23 79902
05	.09489	01967	51307	15	.09645	37875	35500
	+	15	63696 78026		+	15	63460 52614
	-		23 45179		-		23 83759
06	.09504	65664	29333	16	.09661	01335	88114
	+	15	63673 32847		+	15	63436 68855
	-		23 49038		-		23 87618
07	.09520	29337	62180	17	.09676	64772	56969
	+	15	63649 83809		+	15	63412 81237
	-		23 52897		-		23 91474
08	.09535	92987	45989	18	.09692	28185	38206
	+	15	63626 30912		+	15	63388 89763
	-		23 56755		-		23 95333
09	.09551	56613	76901	19	.09707	91574	27969
	+	15	63602 74157		+	15	63364 94430
	-		23 60612		-		23 99189

6°	Sine.			6°	Sine.		
20'	.09723	54939	22399	30'	.09879	87262	74825
	+	15	63340 95241		+	15	63098 91198
	-		24 03047		-		24 41618
21	.09739	18280	17640	31	.09895	50361	66023
	+	15	63316 92194		+	15	63074 49580
	-		24 06904		-		24 45474
22	.09754	81597	09834	32	.09911	13436	15603
	+	15	63292 85290		+	15	63050 04106
	-		24 10762		-		24 49331
23	.09770	44889	95124	33	.09926	76486	19709
	+	15	63268 74528		+	15	63025 54775
	-		24 14619		-		24 53188
24	.09786	08158	69652	34	.09942	39511	74484
	+	15	63244 59909		+	15	63001 01587
	-		24 18476		-		24 57044
25	.09801	71403	29561	35	.09958	02512	76071
	+	15	63220 41433		+	15	62976 44543
	-		24 22333		-		24 60901
26	.09817	34623	70994	36	.09973	65489	20614
	+	15	63196 19100		+	15	62951 83642
	-		24 26191		-		24 64757
27	.09832	97819	90094	37	.09989	28441	04256
	+	15	63171 92909		+	15	62927 18885
	-		24 30046		-		24 68613
28	.09848	60991	83003	38	.10004	91368	23141
	+	15	63147 62863		+	15	62902 50272
	-		24 33904		-		24 72470
29	.09864	24139	45866	39	.10020	54270	73413
	+	15	63123 28959		+	15	62877 77802
	-		24 37761		-		24 76326

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

6°	Sine.			6°	Sine.		
40'	.10036	17148	51215	50'	.10192	44557	95050
	+	15	62853 01476		+	15	62603 26135
	-		24 80183		-		25 18740
41	.10051	80001	52691	51	.10208	07161	21185
	+	15	62828 21293		+	15	62578 07395
	-		24 84038		-		25 22597
42	.10067	42829	73984	52	.10223	69739	28580
	+	15	62803 37255		+	15	62552 84798
	-		24 87894		-		25 26451
43	.10083	05633	11239	53	.10239	32292	13378
	+	15	62778 49361		+	15	62527 58347
	-		24 91751		-		25 30308
44	.10098	68411	60600	54	.10254	94819	71725
	+	15	62753 57610		+	15	62502 28039
	-		24 95606		-		25 34162
45	.10114	31165	18210	55	.10270	57321	99764
	+	15	62728 62004		+	15	62476 93877
	-		24 99462		-		25 38017
46	.10129	93893	80214	56	.10286	19798	93641
	+	15	62703 62542		+	15	62451 55860
	-		25 03318		-		25 41873
47	.10145	56597	42756	57	.10301	82250	49501
	+	15	62678 59224		+	15	62426 13987
	-		25 07174		-		25 45728
48	.10161	19276	01980	58	.10317	44676	63488
	+	15	62653 52050		+	15	62400 68259
	-		25 11030		-		25 49583
49	.10176	81929	54030	59	.10333	07077	31747
	+	15	62628 41020		+	15	62375 18676
	-		25 14885		-		25 53439

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

6°	Sine.			6°	Sine.		
60'	.10348	69452	50423	70'	.10504	91793	62045
	+	15	62349 65237		+	15	62092 18846
	-		25 57292		-		25 95839
61	.10364	31802	15660	71	.10520	53885	80891
	+	15	62324 07945		+	15	62066 23007
	-		25 61148		-		25 99693
62	.10379	94126	23605	72	.10536	15952	03898
	+	15	62298 46797		+	15	62040 23314
	-		25 65002		-		26 03547
63	.10395	56424	70402	73	.10551	77992	27212
	+	15	62272 81795		+	15	62014 19767
	-		25 68859		-		26 07401
64	.10411	18697	52197	74	.10567	40006	46979
	+	15	62247 12936		+	15	61988 12366
	-		25 72711		-		26 11257
65	.10426	80944	65133	75	.10583	01994	59345
	+	15	62221 40225		+	15	61962 01109
	-		25 76567		-		26 15108
66	.10442	43166	05358	76	.10598	63956	60454
	+	15	62195 63658		+	15	61935 86001
	-		25 80421		-		26 18964
67	.10458	05361	69016	77	.10614	25892	46455
	+	15	62169 83237		+	15	61909 67037
	-		25 84276		-		26 22818
68	.10473	67531	52253	78	.10629	87802	13492
	+	15	62143 98961		+	15	61883 44219
	-		25 88130		-		26 26670
69	.10489	29675	51214	79	.10645	49685	57711
	+	15	62118 10831		+	15	61857 17549
	-		25 91985		-		26 30525

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

6°	Sine.			6°	Sine.		
80'	.10661	11542	75260	90'	.10817	28661	36050
	+	15	61830 87024		+	15	61565 69835
	-		26 34379		-		26 72911
81	.10676	73373	62284	91	.10832	90227	05885
	+	15	61804 52645		+	15	61538 96924
	-		26 38232		-		26 76765
82	.10692	35178	14929	92	.10848	51766	02809
	+	15	61778 14413		+	15	61512 20159
	-		26 42085		-		26 80617
83	.10707	96956	29342	93	.10864	13278	22968
	+	15	61751 72328		+	15	61485 39542
	-		26 45939		-		26 84470
84	.10723	58708	01670	94	.10879	74763	62510
	+	15	61725 26389		+	15	61458 55072
	-		26 49793		-		26 88323
85	.10739	20433	28059	95	.10895	36222	17582
	+	15	61698 76596		+	15	61431 66749
	-		26 53646		-		26 92176
86	.10754	82132	04655	96	.10910	97653	84331
	+	15	61672 22950		+	15	61404 74573
	-		26 57498		-		26 96028
87	.10770	43804	27605	97	.10926	59058	58904
	+	15	61645 65452		+	15	61377 78545
	-		26 61353		-		26 99880
88	.10786	05449	93057	98	.10942	20436	37449
	+	15	61619 04099		+	15	61350 78665
	-		26 65205		-		27 03734
89	.10801	67068	97156	99	.10957	81787	16114
	+	15	61592 38894		+	15	61323 74931
	-		26 69059		-		27 07585

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

7 ^c	Sine.			7 ^c	Sine.		
00'	.10973	43110	91045	10'	.11129	54852	87537
	+	15	61296 67346		+	15	61023 79622
	-		27 11438		-		27 49958
01	.10989	04407	58391	11	.11145	15876	67159
	+	15	61269 55908		+	15	60996 29664
	-		27 15290		-		27 53809
02	.11004	65677	14299	12	.11160	76872	96823
	+	15	61242 40618		+	15	60968 75855
	-		27 19143		-		27 57661
03	.11020	26919	54917	13	.11176	37841	72678
	+	15	61215 21475		+	15	60941 18194
	-		27 22995		-		27 61512
04	.11035	88134	76392	14	.11191	98782	90872
	+	15	61187 98480		+	15	60913 56682
	-		27 26846		-		27 65364
05	.11051	49322	74872	15	.11207	59696	47554
	+	15	61160 71634		+	15	60885 91318
	-		27 30698		-		27 69215
06	.11067	10483	46506	16	.11223	20582	38872
	+	15	61133 40936		+	15	60858 22103
	-		27 34552		-		27 73066
07	.11082	71616	87442	17	.11238	81440	60975
	+	15	61106 06384		+	15	60830 49037
	-		27 38401		-		27 76918
08	.11098	32722	93826	18	.11254	42271	10012
	+	15	61078 67983		+	15	60802 72119
	-		27 42255		-		27 80768
09	.11113	93801	61809	19	.11270	03073	82131
	+	15	61051 25728		+	15	60774 91351
	-		27 46106		-		27 84620

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

7 ^c	Sine.			7 ^c	Sine.		
20'	.11285	63848	73482	30'	.11441	70059	97516
	+	15	60747 06731		+	15	60466 48741
	-		27 88471		-		28 26977
21	.11301	24595	80213	31	.11457	30526	46257
	+	15	60719 18260		+	15	60438 21764
	-		27 92321		-		28 30826
22	.11316	85314	98473	32	.11472	90964	68021
	+	15	60691 25939		+	15	60409 90938
	-		27 96173		-		28 34678
23	.11332	46006	24412	33	.11488	51374	58959
	+	15	60663 29766		+	15	60381 56260
	-		28 00023		-		28 38527
24	.11348	06669	54178	34	.11504	11756	15219
	+	15	60635 29743		+	15	60353 17733
	-		28 03874		-		28 42377
25	.11363	67304	83921	35	.11519	72109	32952
	+	15	60607 25869		+	15	60324 75356
	-		28 07724		-		28 46227
26	.11379	27912	09790	36	.11535	32434	08308
	+	15	60579 18145		+	15	60296 29129
	-		28 11576		-		28 50077
27	.11394	88491	27935	37	.11550	92730	37437
	+	15	60551 06569		+	15	60267 79052
	-		28 15425		-		28 53928
28	.11410	49042	34504	38	.11566	52998	16489
	+	15	60522 91144		+	15	60239 25124
	-		28 19276		-		28 57776
29	.11426	09565	25648	39	.11582	13237	41613
	+	15	60494 71868		+	15	60210 67348
	-		28 23127		-		28 61626

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

7 ^c	Sine.			7 ^c	Sine.		
40'	.11597	73448	08961	50'	.11753	73974	57838
	+	15	60182 05722		+	15	59893 77743
	-		28 65476		-		29 03968
41	.11613	33630	14683	51	.11769	33868	35581
	+	15	60153 40246		+	15	59864 73775
	-		28 69325		-		29 07817
42	.11628	93783	54929	52	.11784	93733	09356
	+	15	60124 70921		+	15	59835 65958
	-		28 73175		-		29 11665
43	.11644	53908	25850	53	.11800	53568	75314
	+	15	60095 97746		+	15	59806 54293
	-		28 77025		-		29 15514
44	.11660	14004	23596	54	.11816	13375	29607
	+	15	60067 20721		+	15	59777 38779
	-		28 80873		-		29 19363
45	.11675	74071	44317	55	.11831	73152	68386
	+	15	60038 39848		+	15	59748 19416
	-		28 84723		-		29 23211
46	.11691	34109	84165	56	.11847	32900	87802
	+	15	60009 55125		+	15	59718 96205
	-		28 88572		-		29 27060
47	.11706	94119	39290	57	.11862	92619	84007
	+	15	59980 66553		+	15	59689 69145
	-		28 92420		-		29 30908
48	.11722	54100	05843	58	.11878	52309	53152
	+	15	59951 74133		+	15	59660 38237
	-		28 96271		-		29 34756
49	.11738	14051	79976	59	.11894	11969	91389
	+	15	59922 77862		+	15	59631 03481
	-		29 00119		-		29 38605

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

7 ^c	Sine.			7 ^c	Sine.		
60'	.11909	71600	94870	70'	.12065	66288	71498
	+	15	59601 64876		+	15	59305 67193
	-		29 42453		-		29 80931
61	.11925	31202	59746	71	.12081	25594	38691
	+	15	59572 22423		+	15	59275 86262
	-		29 46301		-		29 84777
62	.11940	90774	82169	72	.12096	84870	24953
	+	15	59542 76122		+	15	59246 01485
	-		29 50148		-		29 88626
63	.11956	50317	58291	73	.12112	44116	26438
	+	15	59513 25974		+	15	59216 12859
	-		29 53998		-		29 92471
64	.11972	09830	84265	74	.12128	03332	39297
	+	15	59483 71976		+	15	59186 20388
	-		29 57844		-		29 96321
65	.11987	69314	56241	75	.12143	62518	59685
	+	15	59454 14132		+	15	59156 24067
	-		29 61693		-		30 00165
66	.12003	28768	70373	76	.12159	21674	83752
	+	15	59424 52439		+	15	59126 23902
	-		29 65540		-		30 04014
67	.12018	88193	22812	77	.12174	80801	07654
	+	15	59394 86899		+	15	59096 19888
	-		29 69387		-		30 07861
68	.12034	47588	09711	78	.12190	39897	27542
	+	15	59365 17512		+	15	59066 12027
	-		29 73237		-		30 11707
69	.12050	06953	27223	79	.12205	98963	39569
	+	15	59335 44275		+	15	59036 00320
	-		29 77082		-		30 15553

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

7 ^c	Sine.			7 ^c	Sine.		
80'	.12221	57999	39889	90'	.12377	46694	52943
	+	15	59005 84767		+	15	58702 17671
	-		30 19402		-		30 57864
81	.12237	17005	24656	91	.12393	05396	70614
	+	15	58975 65365		+	15	58671 59807
	-		30 23246		-		30 61709
82	.12252	75980	90021	92	.12408	64068	30421
	+	15	58945 42119		+	15	58640 98098
	-		30 27095		-		30 65556
83	.12268	34926	32140	93	.12424	22709	28519
	+	15	58915 15024		+	15	58610 32542
	-		30 30940		-		30 69400
84	.12283	93841	47164	94	.12439	81319	61061
	+	15	58884 84084		+	15	58579 63142
	-		30 34786		-		30 73247
85	.12299	52726	31248	95	.12455	39899	24203
	+	15	58854 49298		+	15	58548 89895
	-		30 38634		-		30 77091
86	.12315	11580	80546	96	.12470	98448	14098
	+	15	58824 10664		+	15	58518 12804
	-		30 42479		-		30 80939
87	.12330	70404	91210	97	.12486	56966	26902
	+	15	58793 68185		+	15	58487 31865
	-		30 46325		-		30 84782
88	.12346	29198	59395	98	.12502	15453	58767
	+	15	58763 21860		+	15	58456 47083
	-		30 50172		-		30 88629
89	.12361	87961	81255	99	.12517	73910	05850
	+	15	58732 71688		+	15	58425 58454
	-		30 54017		-		30 92473

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

8 ^c	Sine.			8 ^c	Sine.		
00'	.12533	32335	64304	10'	.12689	14884	28370
	+	15	58394 65981		+	15	58083 29773
	-		30 96319		-		31 34767
01	.12548	90730	30285	11	.12704	72967	58143
	+	15	58363 69662		+	15	58051 95006
	-		31 00164		-		31 38611
02	.12564	49093	99947	12	.12720	31019	53149
	+	15	58332 69498		+	15	58020 56395
	-		31 04009		-		31 42454
03	.12580	07426	69445	13	.12735	89040	09544
	+	15	58301 65489		+	15	57989 13941
	-		31 07853		-		31 46300
04	.12595	65728	34934	14	.12751	47029	23485
	+	15	58270 57636		+	15	57957 67641
	-		31 11700		-		31 50143
05	.12611	23998	92570	15	.12767	04986	91126
	+	15	58239 45936		+	15	57926 17498
	-		31 15543		-		31 53988
06	.12626	82238	38506	16	.12782	62913	08624
	+	15	58208 30393		+	15	57894 63510
	-		31 19388		-		31 57831
07	.12642	40446	68899	17	.12798	20807	72134
	+	15	58177 11005		+	15	57863 05679
	-		31 23233		-		31 61674
08	.12657	98623	79904	18	.12813	78670	77813
	+	15	58145 87772		+	15	57831 44005
	-		31 27078		-		31 65520
09	.12673	56769	67676	19	.12829	36502	21818
	+	15	58114 60694		+	15	57799 78485
	-		31 30921		-		31 69363

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

8 ^c	Sine.			8 ^c	Sine.		
20'	.12844	94302	00303	30'	.13000	70550	36035
	+	15	57768 09122		+	15	57449 04109
	-		31 73205		-		32 11638
21	.12860	52070	09425	31	.13016	27999	40144
	+	15	57736 35917		+	15	57416 92471
	-		31 77051		-		32 15482
22	.12876	09806	45342	32	.13031	85416	32615
	+	15	57704 58866		+	15	57384 76989
	-		31 80893		-		32 19323
23	.12891	67511	04208	33	.13047	42801	09604
	+	15	57672 77973		+	15	57352 57666
	-		31 84736		-		32 23167
24	.12907	25183	82181	34	.13063	00153	67270
	+	15	57640 93237		+	15	57320 34499
	-		31 88581		-		32 27009
25	.12922	82824	75418	35	.13078	57474	01769
	+	15	57609 04656		+	15	57288 07490
	-		31 92423		-		32 30851
26	.12938	40433	80074	36	.13094	14762	09259
	+	15	57577 12233		+	15	57255 76639
	-		31 96266		-		32 34694
27	.12953	98010	92307	37	.13109	72017	85898
	+	15	57545 15967		+	15	57223 41945
	-		32 00110		-		32 38536
28	.12969	55556	08274	38	.13125	29241	27843
	+	15	57513 15857		+	15	57191 03409
	-		32 03953		-		32 42378
29	.12985	13069	24131	39	.13140	86432	31252
	+	15	57481 11904		+	15	57158 61031
	-		32 07795		-		32 46221

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

8 ^c	Sine.			8 ^c	Sine.		
40'	.13156	43590	92283	50'	.13312	13385	26552
	+	15	57126 14810		+	15	56799 41306
	-		32 50063		-		32 88478
41	.13172	00717	07093	51	.13327	70184	67858
	+	15	57093 64747		+	15	56766 52828
	-		32 53903		-		32 92320
42	.13187	57810	71840	52	.13343	26951	20686
	+	15	57061 10844		+	15	56733 60508
	-		32 57747		-		32 96162
43	.13203	14871	82684	53	.13358	83684	81194
	+	15	57028 53097		+	15	56700 64346
	-		32 61589		-		33 00001
44	.13218	71900	35781	54	.13374	40385	45540
	+	15	56995 91508		+	15	56667 64345
	-		32 65429		-		33 03842
45	.13234	28896	27289	55	.13389	97053	09885
	+	15	56963 26079		+	15	56634 60503
	-		32 69272		-		33 07685
46	.13249	85859	53368	56	.13405	53687	70388
	+	15	56930 56807		+	15	56601 52818
	-		32 73113		-		33 11524
47	.13265	42790	10175	57	.13421	10289	23206
	+	15	56897 83694		+	15	56568 41294
	-		32 76954		-		33 15365
48	.13280	99687	93869	58	.13436	66857	64500
	+	15	56865 06740		+	15	56535 25929
	-		32 80797		-		33 19205
49	.13296	56553	00609	59	.13452	23392	90429
	+	15	56832 25943		+	15	56502 06724
	-		32 84637		-		33 23047

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

8 ^c	Sine.			8 ^c	Sine.		
60'	.13467	79894	97153	70'	.13623	43081	63202
	+	15	56468 83677		+	15	56134 42005
	-		33 26887		-		33 65287
61	.13483	36363	80830	71	.13638	99216	05207
	+	15	56435 56790		+	15	56100 76718
	-		33 30726		-		33 69125
62	.13498	92799	37620	72	.13654	55316	81925
	+	15	56402 26064		+	15	56067 07593
	-		33 34568		-		33 72966
63	.13514	49201	63684	73	.13670	11383	89518
	+	15	56368 91496		+	15	56033 34627
	-		33 38407		-		33 76804
64	.13530	05570	55180	74	.13685	67417	24145
	+	15	56335 53089		+	15	55999 57823
	-		33 42247		-		33 80644
65	.13545	61906	08269	75	.13701	23416	81968
	+	15	56302 10842		+	15	55965 77179
	-		33 46089		-		33 84484
66	.13561	18208	19111	76	.13716	79382	59147
	+	15	56268 64753		+	15	55931 92695
	-		33 49926		-		33 88322
67	.13576	74476	83864	77	.13732	35314	51842
	+	15	56235 14827		+	15	55898 04373
	-		33 53768		-		33 92161
68	.13592	30711	98691	78	.13747	91212	56215
	+	15	56201 61059		+	15	55864 12212
	-		33 57607		-		33 96001
69	.13607	86913	59750	79	.13763	47076	68427
	+	15	56168 03452		+	15	55830 16211
	-		33 61447		-		33 99839

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

8 ^c	Sine.			8 ^c	Sine.		
80'	.13779	02906	84638	90'	.13934	59332	22229
	+	15	55796 16372		+	15	55454 06863
	-		34 03677		-		34 42062
81	.13794	58703	01010	91	.13950	14786	29092
	+	15	55762 12695		+	15	55419 64801
	-		34 07518		-		34 45899
82	.13810	14465	13705	92	.13965	70205	93893
	+	15	55728 05177		+	15	55385 18902
	-		34 11354		-		34 49736
83	.13825	70193	18882	93	.13981	25591	12795
	+	15	55693 93823		+	15	55350 69166
	-		34 15194		-		34 53575
84	.13841	25887	12705	94	.13996	80941	81961
	+	15	55659 78629		+	15	55316 15591
	-		34 19033		-		34 57411
85	.13856	81546	91334	95	.14012	36257	97552
	+	15	55625 59596		+	15	55281 58180
	-		34 22869		-		34 61250
86	.13872	37172	50930	96	.14027	91539	55732
	+	15	55591 36727		+	15	55246 96930
	-		34 26710		-		34 65086
87	.13887	92763	87657	97	.14043	46786	52662
	+	15	55557 10017		+	15	55212 31844
	-		34 30547		-		34 68925
88	.13903	48320	97674	98	.14059	01998	84506
	+	15	55522 79470		+	15	55177 62919
	-		34 34385		-		34 72761
89	.13919	03843	77144	99	.14074	57176	47425
	+	15	55488 45085		+	15	55142 90158
	-		34 38222		-		34 76599

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

9 ^c	Sine.			9 ^c	Sine.		
00'	.14090	12319	37583	10'	.14245	61829	93153
	+	15	55108 13559		+	15	54758 36549
	-		34 80435		-		35 18802
01	.14105	67427	51142	11	.14261	16588	29702
	+	15	55073 33124		+	15	54723 17747
	-		34 84273		-		35 22637
02	.14121	22500	84266	12	.14276	71311	47449
	+	15	55038 48851		+	15	54687 95110
	-		34 88110		-		35 26475
03	.14136	77539	33117	13	.14292	25999	42559
	+	15	55003 60741		+	15	54652 68635
	-		34 91945		-		35 30309
04	.14152	32542	93858	14	.14307	80652	11194
	+	15	54968 68796		+	15	54617 38326
	-		34 95784		-		35 34145
05	.14167	87511	62654	15	.14323	35269	49520
	+	15	54933 73012		+	15	54582 04181
	-		34 99620		-		35 37982
06	.14183	42445	35666	16	.14338	89851	53701
	+	15	54898 73392		+	15	54546 66199
	-		35 03455		-		35 41817
07	.14198	97344	09058	17	.14354	44398	19900
	+	15	54863 69937		+	15	54511 24382
	-		35 07294		-		35 45653
08	.14214	52207	78995	18	.14369	98909	44282
	+	15	54828 62643		+	15	54475 78729
	-		35 11128		-		35 49488
09	.14230	07036	41638	19	.14385	53385	23011
	+	15	54793 51515		+	15	54440 29241
	-		35 14966		-		35 53323

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

9 ^c	Sine.			9 ^c	Sine.		
20'	.14401	07825	52252	30'	.14556	50267	79061
	+	15	54404 75918		+	15	54047 31752
	-		35 57160		-		35 95507
21	.14416	62230	28170	31	.14572	04315	10813
	+	15	54369 18758		+	15	54011 36245
	-		35 60994		-		35 99342
22	.14432	16599	46928	32	.14587	58326	47058
	+	15	54333 57764		+	15	53975 36903
	-		35 64829		-		36 03177
23	.14447	70933	04692	33	.14603	12301	83961
	+	15	54297 92935		+	15	53939 33726
	-		35 68664		-		36 07010
24	.14463	25230	97627	34	.14618	66241	17687
	+	15	54262 24271		+	15	53903 26716
	-		35 72500		-		36 10844
25	.14478	79493	21898	35	.14634	20144	44403
	+	15	54226 51771		+	15	53867 15872
	-		35 76335		-		36 14679
26	.14494	33719	73669	36	.14649	74011	60275
	+	15	54190 75436		+	15	53831 01193
	-		35 80168		-		36 18513
27	.14509	87910	49105	37	.14665	27842	61468
	+	15	54154 95268		+	15	53794 82680
	-		35 84005		-		36 22345
28	.14525	42065	44373	38	.14680	81637	44148
	+	15	54119 11263		+	15	53758 60335
	-		35 87838		-		36 26181
29	.14540	96184	55636	39	.14696	35396	04483
	+	15	54083 23425		+	15	53722 34154
	-		35 91673		-		36 30013

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

9 ^c	Sine.			9 ^c	Sine.		
40'	.14711	89118	38637	50'	.14867	24338	96923
	+	15	53686 04141		+	15	53320 93173
	-		36 33847		-		36 72178
41	.14727	42804	42778	51	.14882	77659	90096
	+	15	53649 70294		+	15	53284 20995
	-		36 37681		-		36 76010
42	.14742	96454	13072	52	.14898	30944	11091
	+	15	53613 32613		+	15	53247 44985
	-		36 41514		-		36 79843
43	.14758	50067	45685	53	.14913	84191	56076
	+	15	53576 91099		+	15	53210 65142
	-		36 45348		-		36 83676
44	.14774	03644	36784	54	.14929	37402	21218
	+	15	53540 45751		+	15	53173 81466
	-		36 49180		-		36 87508
45	.14789	57184	82535	55	.14944	90576	02684
	+	15	53503 96571		+	15	53136 93958
	-		36 53014		-		36 91339
46	.14805	10688	79106	56	.14960	43712	96642
	+	15	53467 43557		+	15	53100 02619
	-		36 56846		-		36 95172
47	.14820	64156	22663	57	.14975	96812	99261
	+	15	53430 86711		+	15	53063 07447
	-		36 60680		-		36 99005
48	.14836	17587	09374	58	.14991	49876	06708
	+	15	53394 26031		+	15	53026 08442
	-		36 64513		-		37 02835
49	.14851	70981	35405	59	.15007	02902	15150
	+	15	53357 61518		+	15	52989 05607
	-		36 68345		-		37 06668

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

9 ^c	Sine.			9 ^c	Sine.		
60'	.15022	55891	20757	70'	.15177	83736	77883
	+	15	52951 98939		+	15	52579 21530
	-		37 10500		-		37 48813
61	.15038	08843	19696	71	.15193	36315	99413
	+	15	52914 88439		+	15	52541 72717
	-		37 14331		-		37 52643
62	.15053	61758	08135	72	.15208	88857	72130
	+	15	52877 74108		+	15	52504 20074
	-		37 18163		-		37 56474
63	.15069	14635	82243	73	.15224	41361	92204
	+	15	52840 55945		+	15	52466 63600
	-		37 21994		-		37 60303
64	.15084	67476	38188	74	.15239	93828	55804
	+	15	52803 33951		+	15	52429 03297
	-		37 25826		-		37 64135
65	.15100	20279	72139	75	.15255	46257	59101
	+	15	52766 08125		+	15	52391 39162
	-		37 29657		-		37 67965
66	.15115	73045	80264	76	.15270	98648	98263
	+	15	52728 78468		+	15	52353 71197
	-		37 33488		-		37 71794
67	.15131	25774	58732	77	.15286	51002	69460
	+	15	52691 44980		+	15	52315 99403
	-		37 37319		-		37 75627
68	.15146	78466	03712	78	.15302	03318	68863
	+	15	52654 07661		+	15	52278 23776
	-		37 41151		-		37 79454
69	.15162	31120	11373	79	.15317	55596	92639
	+	15	52616 66510		+	15	52240 44322
	-		37 44980		-		37 83286

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

9 ^c	Sine.			9 ^c	Sine.		
80'	.15333	07837	36961	90'	.15488	28154	67571
	+	15	52202 61036		+	15	51822 17552
	-		37 87116		-		38 25409
81	.15348	60039	97997	91	.15503	79976	85123
	+	15	52164 73920		+	15	51783 92143
	-		37 90945		-		38 29238
82	.15364	12204	71917	92	.15519	31760	77266
	+	15	52126 82975		+	15	51745 62905
	-		37 94774		-		38 33067
83	.15379	64331	54892	93	.15534	83506	40171
	+	15	52088 88201		+	15	51707 29838
	-		37 98605		-		38 36896
84	.15395	16420	43093	94	.15550	35213	70009
	+	15	52050 89596		+	15	51668 92942
	-		38 02434		-		38 40724
85	.15410	68471	32689	95	.15565	86882	62951
	+	15	52012 87162		+	15	51630 52218
	-		38 06264		-		38 44553
86	.15426	20484	19851	96	.15581	38513	15169
	+	15	51974 80898		+	15	51592 07665
	-		38 10092		-		38 48380
87	.15441	72459	00749	97	.15596	90105	22834
	+	15	51936 70806		+	15	51553 59285
	-		38 13922		-		38 52210
88	.15457	24395	71555	98	.15612	41658	82119
	+	15	51898 56884		+	15	51515 07075
	-		38 17752		-		38 56038
89	.15472	76294	28439	99	.15627	93173	89194
	+	15	51860 39132		+	15	51476 51037
	-		38 21580		-		38 59865

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

10 ^c	Sine.			10 ^c	Sine.		
00'	.15643	44650	40231	10'	.15798	57286	26399
	+	15	51437 91172		+	15	51049 81989
	-		38 63695		-		39 01968
01	.15658	96088	31403	11	.15814	08336	08388
	+	15	51399 27477		+	15	51010 80021
	-		38 67520		-		39 05796
02	.15674	47487	58880	12	.15829	59346	88409
	+	15	51360 59957		+	15	50971 74225
	-		38 71351		-		39 09623
03	.15689	98848	18837	13	.15845	10318	62634
	+	15	51321 88606		+	15	50932 64602
	-		38 75176		-		39 13449
04	.15705	50170	07443	14	.15860	61251	27236
	+	15	51283 13430		+	15	50893 51153
	-		38 79005		-		39 17275
05	.15721	01453	20873	15	.15876	12144	78389
	+	15	51244 34425		+	15	50854 33878
	-		38 82833		-		39 21103
06	.15736	52697	55298	16	.15891	62999	12267
	+	15	51205 51592		+	15	50815 12775
	-		38 86659		-		39 24930
07	.15752	03903	06890	17	.15907	13814	25042
	+	15	51166 64933		+	15	50775 87845
	-		38 90488		-		39 28754
08	.15767	55069	71823	18	.15922	64590	12887
	+	15	51127 74445		+	15	50736 59091
	-		38 94314		-		39 32583
09	.15783	06197	46268	19	.15938	15326	71978
	+	15	51088 80131		+	15	50697 26508
	-		38 98142		-		39 36407

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

10 ^c	Sine.			10 ^c	Sine.		
20'	.15953	66023	98486	30'	.16108	70825	29866
	+	15	50657 90101		+	15	50262 15603
	-		39 40234		-		39 78489
21	.15969	16681	88587	31	.16124	21087	45469
	+	15	50618 49867		+	15	50222 37114
	-		39 44060		-		39 82316
22	.15984	67300	38454	32	.16139	71309	82583
	+	15	50579 05807		+	15	50182 54798
	-		39 47886		-		39 86138
23	.16000	17879	44261	33	.16155	21492	37381
	+	15	50539 57921		+	15	50142 68660
	-		39 51712		-		39 89965
24	.16015	68419	02182	34	.16170	71635	06041
	+	15	50500 06209		+	15	50102 78695
	-		39 55537		-		39 93789
25	.16031	18919	08391	35	.16186	21737	84736
	+	15	50460 50672		+	15	50062 84906
	-		39 59363		-		39 97614
26	.16046	69379	59063	36	.16201	71800	69642
	+	15	50420 91309		+	15	50022 87292
	-		39 63188		-		40 01438
27	.16062	19800	50372	37	.16217	21823	56934
	+	15	50381 28121		+	15	49982 85854
	-		39 67015		-		40 05263
28	.16077	70181	78493	38	.16232	71806	42788
	+	15	50341 61106		+	15	49942 80591
	-		39 70839		-		40 09086
29	.16093	20523	39599	39	.16248	21749	23379
	+	15	50301 90267		+	15	49902 71505
	-		39 74664		-		40 12912

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

10 ^c	Sine.			10 ^c	Sine.		
40'	.16263	71651	94884	50'	.16418	68465	68863
	+	15	49862 58593		+	15	49459 19170
	-		40 16735		-		40 54971
41	.16279	21514	53477	51	.16434	17924	88033
	+	15	49822 41858		+	15	49418 64199
	-		40 20560		-		40 58794
42	.16294	71336	95335	52	.16449	67343	52232
	+	15	49782 21298		+	15	49378 05405
	-		40 24382		-		40 62617
43	.16310	21119	16633	53	.16465	16721	57637
	+	15	49741 96916		+	15	49337 42788
	-		40 28208		-		40 66440
44	.16325	70861	13549	54	.16480	66059	00425
	+	15	49701 68708		+	15	49296 76348
	-		40 32031		-		40 70263
45	.16341	20562	82257	55	.16496	15355	76773
	+	15	49661 36677		+	15	49256 06085
	-		40 35854		-		40 74085
46	.16356	70224	18934	56	.16511	64611	82858
	+	15	49621 00823		+	15	49215 32000
	-		40 39679		-		40 77908
47	.16372	19845	19757	57	.16527	13827	14858
	+	15	49580 61144		+	15	49174 54092
	-		40 43500		-		40 81731
48	.16387	69425	80901	58	.16542	63001	68950
	+	15	49540 17644		+	15	49133 72361
	-		40 47326		-		40 85552
49	.16403	18965	98545	59	.16558	12135	41311
	+	15	49499 70318		+	15	49092 86809
	-		40 51148		-		40 89375

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

10 ^c	Sine.			10 ^c	Sine.		
60'	.16573	61228	28120	70'	.16728	49901	49969
	+	15	49051 97434		+	15	48640 93484
	-		40 93198		-		41 31413
61	.16589	10280	25554	71	.16743	98542	43453
	+	15	49011 04236		+	15	48599 62071
	-		40 97018		-		41 35233
62	.16604	59291	29790	72	.16759	47142	05524
	+	15	48970 07218		+	15	48558 26838
	-		41 00841		-		41 39055
63	.16620	08261	37008	73	.16774	95700	32362
	+	15	48929 06377		+	15	48516 87783
	-		41 04663		-		41 42876
64	.16635	57190	43385	74	.16790	44217	20145
	+	15	48888 01714		+	15	48475 44907
	-		41 08485		-		41 46696
65	.16651	06078	45099	75	.16805	92692	65052
	+	15	48846 93229		+	15	48433 98211
	-		41 12306		-		41 50517
66	.16666	54925	38328	76	.16821	41126	63263
	+	15	48805 80923		+	15	48392 47694
	-		41 16127		-		41 54337
67	.16682	03731	19251	77	.16836	89519	10957
	+	15	48764 64796		+	15	48350 93357
	-		41 19950		-		41 58158
68	.16697	52495	84047	78	.16852	37870	04314
	+	15	48723 44846		+	15	48309 35199
	-		41 23770		-		41 61978
69	.16713	01219	28893	79	.16867	86179	39513
	+	15	48682 21076		+	15	48267 73221
	-		41 27592		-		41 65798

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

10 ^c	Sine.			10 ^c	Sine.		
80'	.16883	34447	12734	90'	.17038	14826	95757
	+	15	48226 07423		+	15	47807 39352
	-		41 69619		-		42 07813
81	.16898	82673	20157	91	.17053	62634	35109
	+	15	48184 37804		+	15	47765 31539
	-		41 73438		-		42 11634
82	.16914	30857	57961	92	.17069	10399	66648
	+	15	48142 64366		+	15	47723 19905
	-		41 77258		-		42 15451
83	.16929	79000	22327	93	.17084	58122	86553
	+	15	48100 87108		+	15	47681 04454
	-		41 81079		-		42 19270
84	.16945	27101	09435	94	.17100	05803	91007
	+	15	48059 06029		+	15	47638 85184
	-		41 84897		-		42 23088
85	.16960	75160	15464	95	.17115	53442	76191
	+	15	48017 21132		+	15	47596 62096
	-		41 88717		-		42 26909
86	.16976	23177	36596	96	.17131	01039	38287
	+	15	47975 32415		+	15	47554 35187
	-		41 92537		-		42 30725
87	.16991	71152	69011	97	.17146	48593	73474
	+	15	47933 39878		+	15	47512 04462
	-		41 96356		-		42 34544
88	.17007	19086	08889	98	.17161	96105	77936
	+	15	47891 43522		+	15	47469 69918
	-		42 00176		-		42 38362
89	.17022	66977	52411	99	.17177	43575	47854
	+	15	47849 43346		+	15	47427 31556
	-		42 03994		-		42 42182

11 ^c	Sine.			11 ^c	Sine.		
00'	.17192	91002	79410	10'	.17347	62936	45098
	+	15	47384 89374		+	15	46958 57596
	-		42 45997		-		42 84173
01	.17208	38387	68784	11	.17363	09895	02694
	+	15	47342 43377		+	15	46915 73423
	-		42 49817		-		42 87989
02	.17223	85730	12161	12	.17378	56810	76117
	+	15	47299 93560		+	15	46872 85434
	-		42 53634		-		42 91808
03	.17239	33030	05721	13	.17394	03683	61551
	+	15	47257 39926		+	15	46829 93626
	-		42 57453		-		42 95622
04	.17254	80287	45647	14	.17409	50513	55177
	+	15	47214 82473		+	15	46786 98004
	-		42 61268		-		42 99440
05	.17270	27502	28120	15	.17424	97300	53181
	+	15	47172 21205		+	15	46743 98564
	-		42 65088		-		43 03256
06	.17285	74674	49325	16	.17440	44044	51745
	+	15	47129 56117		+	15	46700 95308
	-		42 68904		-		43 07073
07	.17301	21804	05442	17	.17455	90745	47053
	+	15	47086 87213		+	15	46657 88235
	-		42 72722		-		43 10889
08	.17316	68890	92655	18	.17471	37403	35288
	+	15	47044 14491		+	15	46614 77346
	-		42 76539		-		43 14704
09	.17332	15935	07146	19	.17486	84018	12634
	+	15	47001 37952		+	15	46571 62642
	-		42 80356		-		43 18521

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

11 ^c	Sine.			11 ^c	Sine.		
20'	.17502	30589	75276	30'	.17656	93924	53455
	+	15	46528 44121		+	15	46094 49055
	-		43 22337		-		43 60490
21	.17517	77118	19397	31	.17672	40019	02510
	+	15	46485 21784		+	15	46050 88565
	-		43 26153		-		43 64305
22	.17533	23603	41181	32	.17687	86069	91075
	+	15	46441 95631		+	15	46007 24260
	-		43 29968		-		43 68119
23	.17548	70045	36812	33	.17703	32077	15335
	+	15	46398 65663		+	15	45963 56141
	-		43 33783		-		43 71934
24	.17564	16444	02475	34	.17718	78040	71476
	+	15	46355 31880		+	15	45919 84207
	-		43 37601		-		43 75749
25	.17579	62799	34355	35	.17734	23960	55683
	+	15	46311 94279		+	15	45876 08458
	-		43 41413		-		43 79561
26	.17595	09111	28634	36	.17749	69836	64141
	+	15	46268 52866		+	15	45832 28897
	-		43 45231		-		43 83378
27	.17610	55379	81500	37	.17765	15668	93038
	+	15	46225 07635		+	15	45788 45519
	-		43 49045		-		43 87190
28	.17626	01604	89135	38	.17780	61457	38557
	+	15	46181 58590		+	15	45744 58329
	-		43 52860		-		43 91005
29	.17641	47786	47725	39	.17796	07201	96886
	+	15	46138 05730		+	15	45700 67324
	-		43 56675		-		43 94818

11 ^c	Sine.			11 ^c	Sine.		
40'	.17811	52902	64210	50'	.17966	07485	93193
	+	15	45656 72506		+	15	45215 14580
	-		43 98633		-		44 36763
41	.17826	98559	36716	51	.17981	52701	07773
	+	15	45612 73873		+	15	45170 77817
	-		44 02446		-		44 40577
42	.17842	44172	10589	52	.17996	97871	85590
	+	15	45568 71427		+	15	45126 37240
	-		44 06260		-		44 44389
43	.17857	89740	82016	53	.18012	42998	22830
	+	15	45524 65167		+	15	45081 92851
	-		44 10072		-		44 48201
44	.17873	35265	47183	54	.18027	88080	15681
	+	15	45480 55095		+	15	45037 44650
	-		44 13887		-		44 52013
45	.17888	80746	02278	55	.18043	33117	60331
	+	15	45436 41208		+	15	44992 92637
	-		44 17700		-		44 55827
46	.17904	26182	43486	56	.18058	78110	52968
	+	15	45392 23508		+	15	44948 36810
	-		44 21512		-		44 59637
47	.17919	71574	66994	57	.18074	23058	89778
	+	15	45348 01996		+	15	44903 77173
	-		44 25325		-		44 63449
48	.17935	16922	68990	58	.18089	67962	66951
	+	15	45303 76671		+	15	44859 13724
	-		44 29139		-		44 67262
49	.17950	62226	45661	59	.18105	12821	80675
	+	15	45259 47532		+	15	44814 46462
	-		44 32952		-		44 71072

11 ^c	Sine.			11 ^c	Sine.		
60'	.18120	57636	27137	70'	.18275	03315	53874
	+	15	44769 75390		+	15	44320 55041
	-		44 74886		-		45 12994
61	.18136	02406	02527	71	.18290	47636	08915
	+	15	44725 00504		+	15	44275 42047
	-		44 78695		-		45 16804
62	.18151	47131	03031	72	.18305	91911	50962
	+	15	44680 21809		+	15	44230 25243
	-		44 82508		-		45 20615
63	.18166	91811	24840	73	.18321	36141	76205
	+	15	44635 39301		+	15	44185 04628
	-		44 86318		-		45 24425
64	.18182	36446	64141	74	.18336	80326	80833
	+	15	44590 52983		+	15	44139 80203
	-		44 90130		-		45 28234
65	.18197	81037	17124	75	.18352	24466	61036
	+	15	44545 62853		+	15	44094 51969
	-		44 93940		-		45 32046
66	.18213	25582	79977	76	.18367	68561	13005
	+	15	44500 68913		+	15	44049 19923
	-		44 97753		-		45 35854
67	.18228	70083	48890	77	.18383	12610	32928
	+	15	44455 71160		+	15	44003 84069
	-		45 01562		-		45 39664
68	.18244	14539	20050	78	.18398	56614	16997
	+	15	44410 69598		+	15	43958 44405
	-		45 05372		-		45 43474
69	.18259	58949	89648	79	.18414	00572	61402
	+	15	44365 64226		+	15	43913 00931
	-		45 09185		-		45 47283

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

11 ^c	Sine.			11 ^c	Sine.		
80'	.18429	44485	62333	90'	.18583	81108	42561
	+	15	43867 53648		+	15	43410 71321
	-		45 51093		-		45 89181
81	.18444	88353	15981	91	.18599	24519	13882
	+	15	43822 02555		+	15	43364 82140
	-		45 54901		-		45 92987
82	.18460	32175	18536	92	.18614	67883	96022
	+	15	43776 47654		+	15	43318 89153
	-		45 58712		-		45 96797
83	.18475	75951	66190	93	.18630	11202	85175
	+	15	43730 88942		+	15	43272 92356
	-		45 62519		-		46 00603
84	.18491	19682	55132	94	.18645	54475	77531
	+	15	43685 26423		+	15	43226 91753
	-		45 66329		-		46 04412
85	.18506	63367	81555	95	.18660	97702	69284
	+	15	43639 60094		+	15	43180 87341
	-		45 70138		-		46 08218
86	.18522	07007	41649	96	.18676	40883	56625
	+	15	43593 89956		+	15	43134 79123
	-		45 73946		-		46 12028
87	.18537	50601	31605	97	.18691	84018	35748
	+	15	43548 16010		+	15	43088 67095
	-		45 77755		-		46 15833
88	.18552	94149	47615	98	.18707	27107	02843
	+	15	43502 38255		+	15	43042 51262
	-		45 81564		-		46 19642
89	.18568	37651	85870	99	.18722	70149	54105
	+	15	43456 56691		+	15	42996 31620
	-		45 85370		-		46 23449

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

12 ^c	Sine.			12 ^c	Sine.		
00'	.18738	13145	85725	10'	.18892	40559	84121
	+	15	42950 08171		+	15	42485 64315
	-		46 27255		-		46 65320
01	.18753	56095	93896	11	.18907	83045	48436
	+	15	42903 80916		+	15	42438 98995
	-		46 31063		-		46 69126
02	.18768	98999	74812	12	.18923	25484	47431
	+	15	42857 49853		+	15	42392 29869
	-		46 34870		-		46 72932
03	.18784	41857	24665	13	.18938	67876	77300
	+	15	42811 14983		+	15	42345 56937
	-		46 38675		-		46 76737
04	.18799	84668	39648	14	.18954	10222	34237
	+	15	42764 76308		+	15	42298 80200
	-		46 42484		-		46 80543
05	.18815	27433	15956	15	.18969	52521	14437
	+	15	42718 33824		+	15	42251 99657
	-		46 46289		-		46 84348
06	.18830	70151	49780	16	.18984	94773	14094
	+	15	42671 87535		+	15	42205 15309
	-		46 50095		-		46 88153
07	.18846	12823	37315	17	.19000	36978	29403
	+	15	42625 37440		+	15	42158 27156
	-		46 53903		-		46 91959
08	.18861	55448	74755	18	.19015	79136	56559
	+	15	42578 83537		+	15	42111 35197
	-		46 57708		-		46 95763
09	.18876	98027	58292	19	.19031	21247	91756
	+	15	42532 25829		+	15	42064 39434
	-		46 61514		-		46 99569

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

12 ^c	Sine.			12 ^c	Sine.		
20'	.19046	63312	31190	30'	.19200	81365	21520
	+	15	42017 39865		+	15	41545 34939
	-		47 03372		-		47 41415
21	.19062	05329	71055	31	.19216	22910	56459
	+	15	41970 36493		+	15	41497 93524
	-		47 07179		-		47 45218
22	.19077	47300	07548	32	.19231	64408	49983
	+	15	41923 29314		+	15	41450 48306
	-		47 10981		-		47 49021
23	.19092	89223	36862	33	.19247	05858	98289
	+	15	41876 18333		+	15	41402 99285
	-		47 14788		-		47 52825
24	.19108	31099	55195	34	.19262	47261	97574
	+	15	41829 03545		+	15	41355 46460
	-		47 18590		-		47 56627
25	.19123	72928	58740	35	.19277	88617	44034
	+	15	41781 84955		+	15	41307 89833
	-		47 22396		-		47 60432
26	.19139	14710	43695	36	.19293	29925	33867
	+	15	41734 62559		+	15	41260 29401
	-		47 26199		-		47 64233
27	.19154	56445	06254	37	.19308	71185	63268
	+	15	41687 36360		+	15	41212 65168
	-		47 30003		-		47 68036
28	.19169	98132	42614	38	.19324	12398	28436
	+	15	41640 06357		+	15	41164 97132
	-		47 33808		-		47 71840
29	.19185	39772	48971	39	.19339	53563	25568
	+	15	41592 72549		+	15	41117 25292
	-		47 37610		-		47 75641

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

12 ^c	Sine.			12 ^c	Sine.		
40'	.19354	94680	50860	50'	.19509	03220	16128
	+	15	41069 49651		+	15	40589 84120
	-		47 79444		-		48 17463
41	.19370	35750	00511	51	.19524	43810	00248
	+	15	41021 70207		+	15	40541 66657
	-		47 83247		-		48 21263
42	.19385	76771	70718	52	.19539	84351	66905
	+	15	40973 86960		+	15	40493 45394
	-		47 87049		-		48 25064
43	.19401	17745	57678	53	.19555	24845	12299
	+	15	40925 99911		+	15	40445 20330
	-		47 90850		-		48 28865
44	.19416	58671	57589	54	.19570	65290	32629
	+	15	40878 09061		+	15	40396 91465
	-		47 94653		-		48 32666
45	.19431	99549	66650	55	.19586	05687	24094
	+	15	40830 14408		+	15	40348 58799
	-		47 98454		-		48 36466
46	.19447	40379	81058	56	.19601	46035	82893
	+	15	40782 15954		+	15	40300 22333
	-		48 02257		-		48 40268
47	.19462	81161	97012	57	.19616	86336	05226
	+	15	40734 13697		+	15	40251 82065
	-		48 06058		-		48 44066
48	.19478	21896	10709	58	.19632	26587	87291
	+	15	40686 07639		+	15	40203 37999
	-		48 09859		-		48 47869
49	.19493	62582	18348	59	.19647	66791	25290
	+	15	40637 97780		+	15	40154 90130
	-		48 13660		-		48 51667

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

12 ^c	Sine.			12 ^c	Sine.		
60'	.19663	06946	15420	70'	.19817	05820	48019
	+	15	40106 38463		+	15	39619 12800
	-		48 55469		-		48 93462
61	.19678	47052	53883	71	.19832	45439	60819
	+	15	40057 82994		+	15	39570 19338
	-		48 59267		-		48 97260
62	.19693	87110	36877	72	.19847	85009	80157
	+	15	40009 23727		+	15	39521 22078
	-		48 63068		-		49 01061
63	.19709	27119	60604	73	.19863	24531	02235
	+	15	39960 60659		+	15	39472 21017
	-		48 66868		-		49 04856
64	.19724	67080	21263	74	.19878	64003	23252
	+	15	39911 93791		+	15	39423 16161
	-		48 70666		-		49 08658
65	.19740	06992	15054	75	.19894	03426	39413
	+	15	39863 23125		+	15	39374 07503
	-		48 74467		-		49 12453
66	.19755	46855	38179	76	.19909	42800	46916
	+	15	39814 48658		+	15	39324 95050
	-		48 78266		-		49 16253
67	.19770	86669	86837	77	.19924	82125	41966
	+	15	39765 70392		+	15	39275 78797
	-		48 82065		-		49 20051
68	.19786	26435	57229	78	.19940	21401	20763
	+	15	39716 88327		+	15	39226 58746
	-		48 85864		-		49 23848
69	.19801	66152	45556	79	.19955	60627	79509
	+	15	39668 02463		+	15	39177 34898
	-		48 89663		-		49 27646

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

12 ^c	Sine.			12 ^c	Sine.		
80'	.19970	99805	14407	90'	.20124	88862	16270
	+	15	39128 07252		+	15	38633 21939
	-		49 31445		-		49 69414
81	.19986	38933	21659	91	.20140	27495	38209
	+	15	39078 75807		+	15	38583 52525
	-		49 35240		-		49 73210
82	.20001	78011	97466	92	.20155	66078	90734
	+	15	39029 40567		+	15	38533 79315
	-		49 39040		-		49 77006
83	.20017	17041	38033	93	.20171	04612	70049
	+	15	38980 01527		+	15	38484 02309
	-		49 42836		-		49 80802
84	.20032	56021	39560	94	.20186	43096	72358
	+	15	38930 58691		+	15	38434 21507
	-		49 46633		-		49 84598
85	.20047	94951	98251	95	.20201	81530	93865
	+	15	38881 12058		+	15	38384 36909
	-		49 50430		-		49 88395
86	.20063	33833	10309	96	.20217	19915	30774
	+	15	38831 61628		+	15	38334 48514
	-		49 54227		-		49 92189
87	.20078	72664	71937	97	.20232	58249	79288
	+	15	38782 07401		+	15	38284 56325
	-		49 58025		-		49 95985
88	.20094	11446	79338	98	.20247	96534	35613
	+	15	38732 49376		+	15	38234 60340
	-		49 61820		-		49 99781
89	.20109	50179	28714	99	.20263	34768	95953
	+	15	38682 87556		+	15	38184 60559
	-		49 65617		-		50 03575

13 ^c	Sine.			13 ^c	Sine.		
00'	.20278	72953	56512	10'	.20432	52041	39262
	+	15	38134 56984		+	15	37632 12508
	-		50 07372		-		50 45315
01	.20294	11088	13496	11	.20447	89673	51770
	+	15	38084 49612		+	15	37581 67193
	-		50 11166		-		50 49111
02	.20309	49172	63108	12	.20463	27255	18963
	+	15	38034 38446		+	15	37531 18082
	-		50 14961		-		50 52904
03	.20324	87207	01554	13	.20478	64786	37045
	+	15	37984 23485		+	15	37480 65178
	-		50 18756		-		50 56697
04	.20340	25191	25039	14	.20494	02267	02223
	+	15	37934 04729		+	15	37430 08481
	-		50 22551		-		50 60491
05	.20355	63125	29768	15	.20509	39697	10704
	+	15	37883 82178		+	15	37379 47990
	-		50 26345		-		50 64284
06	.20371	01009	11946	16	.20524	77076	58694
	+	15	37833 55833		+	15	37328 83706
	-		50 30140		-		50 68077
07	.20386	38842	67779	17	.20540	14405	42400
	+	15	37783 25693		+	15	37278 15629
	-		50 33934		-		50 71871
08	.20401	76625	93472	18	.20555	51683	58029
	+	15	37732 91759		+	15	37227 43758
	-		50 37728		-		50 75664
09	.20417	14358	85231	19	.20570	88911	01787
	+	15	37682 54031		+	15	37176 68094
	-		50 41523		-		50 79455

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

13 ^c	Sine.			13 ^c	Sine.		
20'	.20586	26087	69881	30'	.20739	95054	54978
	+	15	37125 88639		+	15	36615 85497
	-		50 83250		-		51 21168
21	.20601	63213	58520	31	.20755	31670	40475
	+	15	37075 05389		+	15	36564 64329
	-		50 87041		-		51 24961
22	.20617	00288	63909	32	.20770	68235	04804
	+	15	37024 18348		+	15	36513 39368
	-		50 90834		-		51 28752
23	.20632	37312	82257	33	.20786	04748	44172
	+	15	36973 27514		+	15	36462 10616
	-		50 94627		-		51 32542
24	.20647	74286	09771	34	.20801	41210	54788
	+	15	36922 32887		+	15	36410 78074
	-		50 98418		-		51 36334
25	.20663	11208	42658	35	.20816	77621	32862
	+	15	36871 34469		+	15	36359 41740
	-		51 02211		-		51 40124
26	.20678	48079	77127	36	.20832	13980	74602
	+	15	36820 32258		+	15	36308 01616
	-		51 06002		-		51 43916
27	.20693	84900	09385	37	.20847	50288	76218
	+	15	36769 26256		+	15	36256 57700
	-		51 09794		-		51 47705
28	.20709	21669	35641	38	.20862	86545	33918
	+	15	36718 16462		+	15	36205 09995
	-		51 13587		-		51 51496
29	.20724	58387	52103	39	.20878	22750	43913
	+	15	36667 02875		+	15	36153 58499
	-		51 17378		-		51 55287

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

13 ^c	Sine.			13 ^c	Sine.		
40'	.20893	58904	02412	50'	.21047	17598	21306
	+	15	36102 03212		+	15	35584 41908
	-		51 59077		-		51 96970
41	.20908	95006	05624	51	.21062	53182	63214
	+	15	36050 44135		+	15	35532 44938
	-		51 62866		-		52 00761
42	.20924	31056	49759	52	.21077	88715	08152
	+	15	35998 81269		+	15	35480 44177
	-		51 66656		-		52 04548
43	.20939	67055	31028	53	.21093	24195	52329
	+	15	35947 14613		+	15	35428 39629
	-		51 70448		-		52 08338
44	.20955	03002	45641	54	.21108	59623	91958
	+	15	35895 44165		+	15	35376 31291
	-		51 74235		-		52 12126
45	.20970	38897	89806	55	.21123	95000	23249
	+	15	35843 69930		+	15	35324 19165
	-		51 78026		-		52 15914
46	.20985	74741	59736	56	.21139	30324	42414
	+	15	35791 91904		+	15	35272 03251
	-		51 81815		-		52 19701
47	.21001	10533	51640	57	.21154	65596	45665
	+	15	35740 10089		+	15	35219 83550
	-		51 85604		-		52 23491
48	.21016	46273	61729	58	.21170	00816	29215
	+	15	35688 24485		+	15	35167 60059
	-		51 89393		-		52 27278
49	.21031	81961	86214	59	.21185	35983	89274
	+	15	35636 35092		+	15	35115 32781
	-		51 93184		-		52 31066

13 ^c	Sine.			13 ^c	Sine.		
60'	.21200	71099	22055	70'	.21354	19369	16335
	+	15	35063 01715		+	15	34537 82760
	-		52 34853		-		52 72722
61	.21216	06162	23770	71	.21369	53906	99095
	+	15	35010 66862		+	15	34485 10038
	-		52 38641		-		52 76509
62	.21231	41172	90632	72	.21384	88392	09133
	+	15	34958 28221		+	15	34432 33529
	-		52 42428		-		52 80294
63	.21246	76131	18853	73	.21400	22824	42662
	+	15	34905 85793		+	15	34379 53235
	-		52 46216		-		52 84081
64	.21262	11037	04646	74	.21415	57203	95897
	+	15	34853 39577		+	15	34326 69154
	-		52 50002		-		52 87867
65	.21277	45890	44223	75	.21430	91530	65051
	+	15	34800 89575		+	15	34273 81287
	-		52 53789		-		52 91651
66	.21292	80691	33798	76	.21446	25804	46338
	+	15	34748 35786		+	15	34220 89636
	-		52 57577		-		52 95438
67	.21308	15439	69584	77	.21461	60025	35974
	+	15	34695 78209		+	15	34167 94198
	-		52 61363		-		52 99223
68	.21323	50135	47793	78	.21476	94193	30172
	+	15	34643 16846		+	15	34114 94975
	-		52 65150		-		53 03009
69	.21338	84778	64639	79	.21492	28308	25147
	+	15	34590 51696		+	15	34061 91966
	-		52 68936		-		53 06792

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

13 ^c	Sine.			13 ^c	Sine.		
80'	.21507	62370	17113	90'	.21661	00064	38657
	+	15	34008 85174		+	15	33476 09085
	-		53 10580		-		53 48422
81	.21522	96379	02287	91	.21676	33540	47742
	+	15	33955 74594		+	15	33422 60663
	-		53 14362		-		53 52204
82	.21538	30334	76881	92	.21691	66963	08405
	+	15	33902 60232		+	15	33369 08459
	-		53 18149		-		53 55989
83	.21553	64237	37113	93	.21707	00332	16864
	+	15	33849 42083		+	15	33315 52470
	-		53 21932		-		53 59772
84	.21568	98086	79196	94	.21722	33647	69334
	+	15	33796 20151		+	15	33261 92698
	-		53 25718		-		53 63554
85	.21584	31882	99347	95	.21737	66909	62032
	+	15	33742 94433		+	15	33208 29144
	-		53 29501		-		53 67339
86	.21599	65625	93780	96	.21753	00117	91176
	+	15	33689 64932		+	15	33154 61805
	-		53 33286		-		53 71120
87	.21614	99315	58712	97	.21768	33272	52981
	+	15	33636 31646		+	15	33100 90685
	-		53 37069		-		53 74903
88	.21630	32951	90358	98	.21783	66373	43666
	+	15	33582 94577		+	15	33047 15782
	-		53 40855		-		53 78687
89	.21645	66534	84935	99	.21798	99420	59448
	+	15	33529 53722		+	15	32993 37095
	-		53 44637		-		53 82469

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

14 ^c	Sine.			14 ^c	Sine.		
00'	.21814	32413	96543	10'	.21967	59381	07665
	+	15	32939 54626		+	15	32399 21930
	-		53 86251		-		54 24067
01	.21829	65353	51169	11	.21982	91780	29595
	+	15	32885 68375		+	15	32344 97863
	-		53 90033		-		54 27849
02	.21844	98239	19544	12	.21998	24125	27458
	+	15	32831 78342		+	15	32290 70014
	-		53 93816		-		54 31629
03	.21860	31070	97886	13	.22013	56415	97472
	+	15	32777 84526		+	15	32236 38385
	-		53 97597		-		54 35410
04	.21875	63848	82412	14	.22028	88652	35857
	+	15	32723 86929		+	15	32182 02975
	-		54 01379		-		54 39190
05	.21890	96572	69341	15	.22044	20834	38832
	+	15	32669 85550		+	15	32127 63785
	-		54 05161		-		54 42971
06	.21906	29242	54891	16	.22059	52962	02617
	+	15	32615 80389		+	15	32073 20814
	-		54 08943		-		54 46751
07	.21921	61858	35280	17	.22074	85035	23431
	+	15	32561 71446		+	15	32018 74063
	-		54 12724		-		54 50531
08	.21936	94420	06726	18	.22090	17053	97494
	+	15	32507 58722		+	15	31964 23532
	-		54 16505		-		54 54311
09	.21952	26927	65448	19	.22105	49018	21026
	+	15	32453 42217		+	15	31909 69221
	-		54 20287		-		54 58091

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

14 ^c	Sine.			14 ^c	Sine.		
20'	.22120	80927	90247	30'	.22273	97016	63850
	+	15	31855 11130		+	15	31307 22360
	-		54 61871		-		54 99661
21	.22136	12783	01377	31	.22289	28323	86210
	+	15	31800 49259		+	15	31252 22699
	-		54 65649		-		55 03438
22	.22151	44583	50636	32	.22304	59576	08909
	+	15	31745 83610		+	15	31197 19261
	-		54 69431		-		55 07216
23	.22166	76329	34246	33	.22319	90773	28170
	+	15	31691 14179		+	15	31142 12045
	-		54 73208		-		55 10995
24	.22182	08020	48425	34	.22335	21915	40215
	+	15	31636 40971		+	15	31087 01050
	-		54 76988		-		55 14772
25	.22197	39656	89396	35	.22350	53002	41265
	+	15	31581 63983		+	15	31031 86278
	-		54 80768		-		55 18550
26	.22212	71238	53379	36	.22365	84034	27543
	+	15	31526 83215		+	15	30976 67728
	-		54 84545		-		55 22327
27	.22228	02765	36594	37	.22381	15010	95271
	+	15	31471 98670		+	15	30921 45401
	-		54 88325		-		55 26106
28	.22243	34237	35264	38	.22396	45932	40672
	+	15	31417 10345		+	15	30866 19295
	-		54 92104		-		55 29881
29	.22258	65654	45609	39	.22411	76798	59967
	+	15	31362 18241		+	15	30810 89414
	-		54 95881		-		55 33659

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

14 ^c	Sine.			14 ^c	Sine.		
40'	.22427	07609	49381	50'	.22580	12668	69104
	+	15	30755 55755		+	15	30200 11450
	-		55 37437		-		55 75198
41	.22442	38365	05136	51	.22595	42868	80554
	+	15	30700 18318		+	15	30144 36252
	-		55 41213		-		55 78974
42	.22457	69065	23454	52	.22610	73013	16806
	+	15	30644 77105		+	15	30088 57278
	-		55 44989		-		55 82749
43	.22472	99710	00559	53	.22626	03101	74084
	+	15	30589 32116		+	15	30032 74529
	-		55 48767		-		55 86525
44	.22488	30299	32675	54	.22641	33134	48613
	+	15	30533 83349		+	15	29976 88004
	-		55 52543		-		55 90299
45	.22503	60833	16024	55	.22656	63111	36617
	+	15	30478 30806		+	15	29920 97705
	-		55 56319		-		55 94076
46	.22518	91311	46830	56	.22671	93032	34322
	+	15	30422 74487		+	15	29865 03629
	-		55 60095		-		55 97848
47	.22534	21734	21317	57	.22687	22897	37951
	+	15	30367 14392		+	15	29809 05781
	-		55 63871		-		56 01625
48	.22549	52101	35709	58	.22702	52706	43732
	+	15	30311 50521		+	15	29753 04156
	-		55 67647		-		56 05398
49	.22564	82412	86230	59	.22717	82459	47888
	+	15	30255 82874		+	15	29696 98758
	-		55 71424		-		56 09172

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

14 ^c	Sine.			14 ^c	Sine.				
60'	.22733	12156	46646	70'	.22886	06035	07013		
	+	15	29640	89586		+	15	29077	90296
	-		56	12949		-		56	50682
61	.22748	41797	36232	71	.22901	35112	97309		
	+	15	29584	76637		+	15	29021	39614
	-		56	16720		-		56	54455
62	.22763	71382	12869	72	.22916	64134	36923		
	+	15	29528	59917		+	15	28964	85159
	-		56	20495		-		56	58227
63	.22779	00910	72786	73	.22931	93099	22082		
	+	15	29472	39422		+	15	28908	26932
	-		56	24270		-		56	61999
64	.22794	30383	12208	74	.22947	22007	49014		
	+	15	29416	15152		+	15	28851	64933
	-		56	28042		-		56	65772
65	.22809	59799	27360	75	.22962	50859	13947		
	+	15	29359	87110		+	15	28794	99161
	-		56	31817		-		56	69545
66	.22824	89159	14470	76	.22977	79654	13108		
	+	15	29303	55293		+	15	28738	29616
	-		56	35589		-		56	73315
67	.22840	18462	69763	77	.22993	08392	42724		
	+	15	29247	19704		+	15	28681	56301
	-		56	39363		-		56	77088
68	.22855	47709	89467	78	.23008	37073	99025		
	+	15	29190	80341		+	15	28624	79213
	-		56	43136		-		56	80860
69	.22870	76900	69808	79	.23023	65698	78238		
	+	15	29134	37205		+	15	28567	98353
	-		56	46909		-		56	84632

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

14 ^c	Sine.			14 ^c	Sine.		
80'	.23038	94266	76591	90'	.23191	76813	83160
	+	15	28511 13721		+	15	27940 60003
	-		56 88401		-		57 26109
81	.23054	22777	90312	91	.23207	04754	43163
	+	15	28454 25320		+	15	27883 33894
	-		56 92175		-		57 29880
82	.23069	51232	15632	92	.23222	32637	77057
	+	15	28397 33145		+	15	27826 04014
	-		56 95945		-		57 33649
83	.23084	79629	48777	93	.23237	60463	81071
	+	15	28340 37200		+	15	27768 70365
	-		56 99717		-		57 37419
84	.23100	07969	85977	94	.23252	88232	51436
	+	15	28283 37483		+	15	27711 32946
	-		57 03486		-		57 41188
85	.23115	36253	23460	95	.23268	15943	84382
	+	15	28226 33997		+	15	27653 91758
	-		57 07258		-		57 44958
86	.23130	64479	57457	96	.23283	43597	76140
	+	15	28169 26739		+	15	27596 46800
	-		57 11029		-		57 48726
87	.23145	92648	84196	97	.23298	71194	22940
	+	15	28112 15710		+	15	27538 98074
	-		57 14798		-		57 52496
88	.23161	20760	99906	98	.23313	98733	21014
	+	15	28055 00912		+	15	27481 45578
	-		57 18570		-		57 56265
89	.23176	48816	00818	99	.23329	26214	66592
	+	15	27997 82342		+	15	27423 89313
	-		57 22339		-		57 60033

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

15 ^c	Sine.			15 ^c	Sine.		
00'	.23344	53638	55905	10'	.23497	24703	25421
	+	15	27366 29280		+	15	26788 21695
	-		57 63802		-		58 01482
01	.23359	81004	85185	11	.23512	51491	47116
	+	15	27308 65478		+	15	26730 20213
	-		57 67571		-		58 05246
02	.23375	08313	50663	12	.23527	78221	67329
	+	15	27250 97907		+	15	26672 14967
	-		57 71339		-		58 09016
03	.23390	35564	48570	13	.23543	04893	82296
	+	15	27193 26568		+	15	26614 05951
	-		57 75107		-		58 12780
04	.23405	62757	75138	14	.23558	31507	88247
	+	15	27135 51461		+	15	26555 93171
	-		57 78875		-		58 16549
05	.23420	89893	26599	15	.23573	58063	81418
	+	15	27077 72586		+	15	26497 76622
	-		57 82643		-		58 20313
06	.23436	16970	99185	16	.23588	84561	58040
	+	15	27019 89943		+	15	26439 56309
	-		57 86411		-		58 24082
07	.23451	43990	89128	17	.23604	11001	14349
	+	15	26962 03532		+	15	26381 32227
	-		57 90178		-		58 27846
08	.23466	70952	92660	18	.23619	37382	46576
	+	15	26904 13354		+	15	26323 04381
	-		57 93947		-		58 31613
09	.23481	97857	06014	19	.23634	63705	50957
	+	15	26846 19407		+	15	26264 72768
	-		57 97712		-		58 35379

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

15 ^c	Sine.			15 ^c	Sine.		
20'	.23649	89970	23725	30'	.23802	49401	84263
	+	15	26206 37389		+	15	25620 76507
	-		58 39145		-		58 76794
21	.23665	16176	61114	31	.23817	75022	60770
	+	15	26147 98244		+	15	25561 99713
	-		58 42910		-		58 80559
22	.23680	42324	59358	32	.23833	00584	60483
	+	15	26089 55334		+	15	25503 19154
	-		58 46676		-		58 84322
23	.23695	68414	14692	33	.23848	26087	79637
	+	15	26031 08658		+	15	25444 34832
	-		58 50440		-		58 88086
24	.23710	94445	23350	34	.23863	51532	14469
	+	15	25972 58218		+	15	25385 46746
	-		58 54207		-		58 91850
25	.23726	20417	81568	35	.23878	76917	61215
	+	15	25914 04011		+	15	25326 54896
	-		58 57971		-		58 95615
26	.23741	46331	85579	36	.23894	02244	16111
	+	15	25855 46040		+	15	25267 59281
	-		58 61737		-		58 99376
27	.23756	72187	31619	37	.23909	27511	75392
	+	15	25796 84303		+	15	25208 59905
	-		58 65500		-		59 03141
28	.23771	97984	15922	38	.23924	52720	35297
	+	15	25738 18803		+	15	25149 56764
	-		58 69265		-		59 06903
29	.23787	23722	34725	39	.23939	77869	92061
	+	15	25679 49538		+	15	25090 49861
	-		58 73031		-		59 10667

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

15 ^c	Sine.			15 ^c	Sine.		
40'	.23955	02960	41922	50'	.24107	50608	33039
	+	15	25031 39194		+	15	24438 25594
	-		59 14430		-		59 52050
41	.23970	27991	81116	51	.24122	75046	58633
	+	15	24972 24764		+	15	24378 73544
	-		59 18192		-		59 55811
42	.23985	52964	05880	52	.24137	99425	32177
	+	15	24913 06572		+	15	24319 17733
	-		59 21954		-		59 59573
43	.24000	77877	12452	53	.24153	23744	49910
	+	15	24853 84618		+	15	24259 58160
	-		59 25718		-		59 63333
44	.24016	02730	97070	54	.24168	48004	08070
	+	15	24794 58900		+	15	24199 94827
	-		59 29479		-		59 67094
45	.24031	27525	55970	55	.24183	72204	02897
	+	15	24735 29421		+	15	24140 27733
	-		59 33242		-		59 70855
46	.24046	52260	85391	56	.24198	96344	30630
	+	15	24675 96179		+	15	24080 56878
	-		59 37003		-		59 74616
47	.24061	76936	81570	57	.24214	20424	87508
	+	15	24616 59176		+	15	24020 82262
	-		59 40766		-		59 78375
48	.24077	01553	40746	58	.24229	44445	69770
	+	15	24557 18410		+	15	23961 03887
	-		59 44527		-		59 82137
49	.24092	26110	59156	59	.24244	68406	73657
	+	15	24497 73883		+	15	23901 21750
	-		59 48289		-		59 85895

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

15 ^c	Sine.			15 ^c	Sine.		
60'	.24259	92307	95407	70'	.24412	28021	68290
	+	15	23841 35855		+	15	23240 70122
	-		59 89656		-		60 27247
61	.24275	16149	31262	71	.24427	51262	38412
	+	15	23781 46199		+	15	23180 42875
	-		59 93417		-		60 31005
62	.24290	39930	77461	72	.24442	74442	81287
	+	15	23721 52782		+	15	23120 11870
	-		59 97174		-		60 34764
63	.24305	63652	30243	73	.24457	97562	93157
	+	15	23661 55608		+	15	23059 77106
	-		60 00936		-		60 38521
64	.24320	87313	85851	74	.24473	20622	70263
	+	15	23601 54672		+	15	22999 38585
	-		60 04694		-		60 42280
65	.24336	10915	40523	75	.24488	43622	08848
	+	15	23541 49978		+	15	22938 96305
	-		60 08453		-		60 46038
66	.24351	34456	90501	76	.24503	66561	05153
	+	15	23481 41525		+	15	22878 50267
	-		60 12213		-		60 49793
67	.24366	57938	32026	77	.24518	89439	55420
	+	15	23421 29312		+	15	22818 00474
	-		60 15971		-		60 53553
68	.24381	81359	61338	78	.24534	12257	55894
	+	15	23361 13341		+	15	22757 46921
	-		60 19730		-		60 57310
69	.24397	04720	74679	79	.24549	35015	02815
	+	15	23300 93611		+	15	22696 89611
	-		60 23489		-		60 61065

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

15 ^c	Sine.			15 ^c	Sine.		
80'	.24564	57711	92426	90'	.24716	81341	10041
	+	15	22636 28546		+	15	22028 11273
	-		60 64825		-		61 02385
81	.24579	80348	20972	91	.24732	03369	21314
	+	15	22575 63721		+	15	21967 08888
	-		60 68579		-		61 06139
82	.24595	02923	84693	92	.24747	25336	30202
	+	15	22514 95142		+	15	21906 02749
	-		60 72337		-		61 09896
83	.24610	25438	79835	93	.24762	47242	32951
	+	15	22454 22805		+	15	21844 92853
	-		60 76094		-		61 13650
84	.24625	47893	02640	94	.24777	69087	25804
	+	15	22393 46711		+	15	21783 79203
	-		60 79849		-		61 17405
85	.24640	70286	49351	95	.24792	90871	05007
	+	15	22332 66862		+	15	21722 61798
	-		60 83606		-		61 21160
86	.24655	92619	16213	96	.24808	12593	66805
	+	15	22271 83256		+	15	21661 40638
	-		60 87362		-		61 24914
87	.24671	14890	99469	97	.24823	34255	07443
	+	15	22210 95894		+	15	21600 15724
	-		60 91118		-		61 28669
88	.24686	37101	95363	98	.24838	55855	23167
	+	15	22150 04776		+	15	21538 87055
	-		60 94874		-		61 32422
89	.24701	59252	00139	99	.24853	77394	10222
	+	15	22089 09902		+	15	21477 54633
	-		60 98629		-		61 36178

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

16°	Sine.			16°	Sine.		
00'	.24868	98871	64855	10'	.25021	10266	02094
	+	15	21416 18455		+	15	20800 50243
	-		61 39930		-		61 77461
01	.24884	20287	83310	11	.25036	31066	52337
	+	15	21354 78525		+	15	20738 72782
	-		61 43685		-		61 81215
02	.24899	41642	61835	12	.25051	51805	25119
	+	15	21293 34840		+	15	20676 91567
	-		61 47439		-		61 84966
03	.24914	62935	96675	13	.25066	72482	16686
	+	15	21231 87401		+	15	20615 06601
	-		61 51192		-		61 88719
04	.24929	84167	84076	14	.25081	93097	23287
	+	15	21170 36209		+	15	20553 17882
	-		61 54944		-		61 92470
05	.24945	05338	20285	15	.25097	13650	41169
	+	15	21108 81265		+	15	20491 25412
	-		61 58699		-		61 96221
06	.24960	26447	01550	16	.25112	34141	66581
	+	15	21047 22566		+	15	20429 29191
	-		61 62452		-		61 99974
07	.24975	47494	24116	17	.25127	54570	95772
	+	15	20985 60114		+	15	20367 29217
	-		61 66204		-		62 03725
08	.24990	68479	84230	18	.25142	74938	24989
	+	15	20923 93910		+	15	20305 25492
	-		61 69956		-		62 07476
09	.25005	89403	78140	19	.25157	95243	50481
	+	15	20862 23954		+	15	20243 18016
	-		61 73711		-		62 11227

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

16°	Sine.			16°	Sine.		
20'	.25173	15486	68497	30'	.25325	14496	12328
	+	15	20181 06789		+	15	19557 88246
	-		62 14977		-		62 52479
21	.25188	35667	75286	31	.25340	34054	00574
	+	15	20118 91812		+	15	19495 35767
	-		62 18729		-		62 56228
22	.25203	55786	67098	32	.25355	53549	36341
	+	15	20056 73083		+	15	19432 79539
	-		62 22480		-		62 59976
23	.25218	75843	40181	33	.25370	72982	15880
	+	15	19994 50603		+	15	19370 19563
	-		62 26229		-		62 63726
24	.25233	95837	90784	34	.25385	92352	35443
	+	15	19932 24374		+	15	19307 55837
	-		62 29980		-		62 67474
25	.25249	15770	15158	35	.25401	11659	91280
	+	15	19869 94394		+	15	19244 88363
	-		62 33730		-		62 71223
26	.25264	35640	09552	36	.25416	30904	79643
	+	15	19807 60664		+	15	19182 17140
	-		62 37480		-		62 74971
27	.25279	55447	70216	37	.25431	50086	96783
	+	15	19745 23184		+	15	19119 42169
	-		62 41230		-		62 78720
28	.25294	75192	93400	38	.25446	69206	38952
	+	15	19682 81954		+	15	19056 63449
	-		62 44980		-		62 82468
29	.25309	94875	75354	39	.25461	88263	02401
	+	15	19620 36974		+	15	18993 80981
	-		62 48728		-		62 86215

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

16°	Sine.			16°	Sine.		
40'	.25477	07256	83382	50'	.25628	93731	32997
	+	15 18930	94766		+	15 18300	26505
	-	62 89964			-	63 27433	
41	.25492	26187	78148	51	.25644	12031	59502
	+	15 18868	04802		+	15 18236	99072
	-	62 93711			-	63 31180	
42	.25507	45055	82950	52	.25659	30268	58574
	+	15 18805	11091		+	15 18173	67892
	-	62 97458			-	63 34924	
43	.25522	63860	94041	53	.25674	48442	26466
	+	15 18742	13633		+	15 18110	32968
	-	63 01207			-	63 38671	
44	.25537	82603	07674	54	.25689	66552	59434
	+	15 18679	12426		+	15 18046	94297
	-	63 04952			-	63 42417	
45	.25553	01282	20100	55	.25704	84599	53731
	+	15 18616	07474		+	15 17983	51880
	-	63 08701			-	63 46162	
46	.25568	19898	27574	56	.25720	02583	05611
	+	15 18552	98773		+	15 17920	05718
	-	63 12447			-	63 49907	
47	.25583	38451	26347	57	.25735	20503	11329
	+	15 18489	86326		+	15 17856	55811
	-	63 16194			-	63 53652	
48	.25598	56941	12673	58	.25750	38359	67140
	+	15 18426	70132		+	15 17793	02159
	-	63 19940			-	63 57398	
49	.25613	75367	82805	59	.25765	56152	69299
	+	15 18363	50192		+	15 17729	44761
	-	63 23687			-	63 61142	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

16°	Sine.			16°	Sine.		
60'	.25780	73882	14060	70'	.25932	47671	81021
	+	15	17665 83619		+	15	17027 66263
	-		63 64888		-		64 02325
61	.25795	91547	97679	71	.25947	64699	47284
	+	15	17602 18731		+	15	16963 63938
	-		63 68631		-		64 06068
62	.25811	09150	16410	72	.25962	81663	11222
	+	15	17538 50100		+	15	16899 57870
	-		63 72375		-		64 09811
63	.25826	26688	66510	73	.25977	98562	69092
	+	15	17474 77725		+	15	16835 48059
	-		63 76121		-		64 13553
64	.25841	44163	44235	74	.25993	15398	17151
	+	15	17411 01604		+	15	16771 34506
	-		63 79864		-		64 17297
65	.25856	61574	45839	75	.26008	32169	51657
	+	15	17347 21740		+	15	16707 17209
	-		63 83609		-		64 21039
66	.25871	78921	67579	76	.26023	48876	68866
	+	15	17283 38131		+	15	16642 96170
	-		63 87351		-		64 24779
67	.25886	96205	05710	77	.26038	65519	65036
	+	15	17219 50780		+	15	16578 71391
	-		63 91095		-		64 28524
68	.25902	13424	56490	78	.26053	82098	36427
	+	15	17155 59685		+	15	16514 42867
	-		63 94839		-		64 32264
69	.25917	30580	16175	79	.26068	98612	79294
	+	15	17091 64846		+	15	16450 10603
	-		63 98583		-		64 36006

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

16°	Sine.			16°	Sine.		
80'	.26084	15062	89897	90'	.26235	76017	98286
	+	15	16385 74597		+	15	15740 08777
	-		64 39748		-		64 77154
81	.26099	31448	64494	91	.26250	91758	07063
	+	15	16321 34849		+	15	15675 31623
	-		64 43489		-		64 80895
82	.26114	47769	99343	92	.26266	07433	38686
	+	15	16256 91360		+	15	15610 50728
	-		64 47231		-		64 84633
83	.26129	64026	90703	93	.26281	23043	89414
	+	15	16192 44129		+	15	15545 66095
	-		64 50970		-		64 88373
84	.26144	80219	34832	94	.26296	38589	55509
	+	15	16127 93159		+	15	15480 77722
	-		64 54713		-		64 92113
85	.26159	96347	27991	95	.26311	54070	33231
	+	15	16063 38446		+	15	15415 85609
	-		64 58453		-		64 95851
86	.26175	12410	66437	96	.26326	69486	18840
	+	15	15998 79993		+	15	15350 89758
	-		64 62194		-		64 99591
87	.26190	28409	46430	97	.26341	84837	08598
	+	15	15934 17799		+	15	15285 90167
	-		64 65933		-		65 03329
88	.26205	44343	64229	98	.26357	00122	98765
	+	15	15869 51866		+	15	15220 86838
	-		64 69675		-		65 07068
89	.26220	60213	16095	99	.26372	15343	85603
	+	15	15804 82191		+	15	15155 79770
	-		64 73414		-		65 10807

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

17 ^c	Sine.			17 ^c	Sine.		
00'	.26387	30499	65373	10'	.26538	78470	51940
	+	15 15090	68963		+	15 14437	55316
	-	65 14544			-	65 51919	
01	.26402	45590	34336	11	.26553	92908	07256
	+	15 15025	54419		+	15 14372	03397
	-	65 18284			-	65 55657	
02	.26417	60615	88755	12	.26569	07280	10653
	+	15 14960	36135		+	15 14306	47740
	-	65 22021			-	65 59391	
03	.26432	75576	24890	13	.26584	21586	58393
	+	15 14895	14114		+	15 14240	88349
	-	65 25758			-	65 63129	
04	.26447	90471	39004	14	.26599	35827	46742
	+	15 14829	88356		+	15 14175	25220
	-	65 29497			-	65 66865	
05	.26463	05301	27360	15	.26614	50002	71962
	+	15 14764	58859		+	15 14109	58355
	-	65 33235			-	65 70600	
06	.26478	20065	86219	16	.26629	64112	30317
	+	15 14699	25624		+	15 14043	87755
	-	65 36970			-	65 74337	
07	.26493	34765	11843	17	.26644	78156	18072
	+	15 14633	88654		+	15 13978	13418
	-	65 40710			-	65 78072	
08	.26508	49399	00497	18	.26659	92134	31490
	+	15 14568	47944		+	15 13912	35346
	-	65 44445			-	65 81806	
09	.26523	63967	48441	19	.26675	06046	66836
	+	15 14503	03499		+	15 13846	53540
	-	65 48183			-	65 85544	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

17 ^c	Sine.			17 ^c	Sine.		
20'	.26690	19893	20376	30'	.26841	54730	34685
	+	15	13780 67996		+	15	13120 07166
	-		65 89277		-		66 26619
21	.26705	33673	88372	31	.26856	67850	41851
	+	15	13714 78719		+	15	13053 80547
	-		65 93013		-		66 30353
22	.26720	47388	67091	32	.26871	80904	22398
	+	15	13648 85706		+	15	12987 50194
	-		65 96747		-		66 34087
23	.26735	61037	52797	33	.26886	93891	72592
	+	15	13582 88959		+	15	12921 16107
	-		66 00483		-		66 37819
24	.26750	74620	41756	34	.26902	06812	88699
	+	15	13516 88476		+	15	12854 78288
	-		66 04216		-		66 41552
25	.26765	88137	30232	35	.26917	19667	66987
	+	15	13450 84260		+	15	12788 36736
	-		66 07950		-		66 45284
26	.26781	01588	14492	36	.26932	32456	03723
	+	15	13384 76310		+	15	12721 91452
	-		66 11686		-		66 49018
27	.26796	14972	90802	37	.26947	45177	95175
	+	15	13318 64624		+	15	12655 42434
	-		66 15418		-		66 52750
28	.26811	28291	55426	38	.26962	57833	37609
	+	15	13252 49206		+	15	12588 89684
	-		66 19153		-		66 56481
29	.26826	41544	04632	39	.26977	70422	27293
	+	15	13186 30053		+	15	12522 33203
	-		66 22887		-		66 60213

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

17 ^c	Sine.			17 ^c	Sine.		
40'	.26992	82944	60496	50'	.27144	04498	65074
	+	15	12455 72990		+	15	11787 65629
	-		66 63947		-		67 01255
41	.27007	95400	33486	51	.27159	16286	30703
	+	15	12389 09043		+	15	11720 64374
	-		66 67676		-		67 04986
42	.27023	07789	42529	52	.27174	28006	95077
	+	15	12322 41367		+	15	11653 59388
	-		66 71409		-		67 08713
43	.27038	20111	83896	53	.27189	39660	54465
	+	15	12255 69958		+	15	11586 50675
	-		66 75141		-		67 12446
44	.27053	32367	53854	54	.27204	51247	05140
	+	15	12188 94817		+	15	11519 38229
	-		66 78870		-		67 16173
45	.27068	44556	48671	55	.27219	62766	43369
	+	15	12122 15947		+	15	11452 22056
	-		66 82603		-		67 19903
46	.27083	56678	64618	56	.27234	74218	65425
	+	15	12055 33344		+	15	11385 02153
	-		66 86332		-		67 23633
47	.27098	68733	97962	57	.27249	85603	67578
	+	15	11988 47012		+	15	11317 78520
	-		66 90065		-		67 27361
48	.27113	80722	44974	58	.27264	96921	46098
	+	15	11921 56947		+	15	11250 51159
	-		66 93794		-		67 31091
49	.27128	92644	01921	59	.27280	08171	97257
	+	15	11854 63153		+	15	11183 20068
	-		66 97524		-		67 34818

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

17 ^c	Sine.			17 ^c	Sine.		
60'	.27295	19355	17325	70'	.27446	27476	87809
	+	15	11115 85250		+	15	10440 32017
	-		67 38549		-		67 75824
61	.27310	30471	02575	71	.27461	37917	19826
	+	15	11048 46701		+	15	10372 56193
	-		67 42275		-		67 79550
62	.27325	41519	49276	72	.27476	48289	76019
	+	15	10981 04426		+	15	10304 76643
	-		67 46004		-		67 83276
63	.27340	52500	53702	73	.27491	58594	52662
	+	15	10913 58422		+	15	10236 93367
	-		67 49733		-		67 87004
64	.27355	63414	12124	74	.27506	68831	46029
	+	15	10846 08689		+	15	10169 06363
	-		67 53459		-		67 90730
65	.27370	74260	20813	75	.27521	79000	52392
	+	15	10778 55230		+	15	10101 15633
	-		67 57189		-		67 94455
66	.27385	85038	76043	76	.27536	89101	68025
	+	15	10710 98041		+	15	10033 21178
	-		67 60914		-		67 98182
67	.27400	95749	74084	77	.27551	99134	89203
	+	15	10643 37127		+	15	09965 22996
	-		67 64643		-		68 01906
68	.27416	06393	11211	78	.27567	09100	12199
	+	15	10575 72484		+	15	09897 21090
	-		67 68370		-		68 05633
69	.27431	16968	83695	79	.27582	18997	33289
	+	15	10508 04114		+	15	09829 15457
	-		67 72097		-		68 09358

17 ^c	Sine.			17 ^c	Sine.		
80'	.27597	28826	48746	90'	.27748	23366	74029
	+	15 09761	06099		+	15 09078	07662
	-	68 13083			-	68 50326	
81	.27612	38587	54845	91	.27763	32444	81691
	+	15 09692	93016		+	15 09009	57336
	-	68 16809			-	68 54048	
82	.27627	48280	47861	92	.27778	41454	39027
	+	15 09624	76207		+	15 08941	03288
	-	68 20532			-	68 57773	
83	.27642	57905	24068	93	.27793	50395	42315
	+	15 09556	55675		+	15 08872	45515
	-	68 24258			-	68 61495	
84	.27657	67461	79743	94	.27808	59267	87830
	+	15 09488	31417		+	15 08803	84020
	-	68 27982			-	68 65218	
85	.27672	76950	11160	95	.27823	68071	71850
	+	15 09420	03435		+	15 08735	18802
	-	68 31707			-	68 68941	
86	.27687	86370	14595	96	.27838	76806	90652
	+	15 09351	71728		+	15 08666	49861
	-	68 35430			-	68 72662	
87	.27702	95721	86323	97	.27853	85473	40513
	+	15 09283	36298		+	15 08597	77199
	-	68 39155			-	68 76387	
88	.27718	05005	22621	98	.27868	94071	17712
	+	15 09214	97143		+	15 08529	00812
	-	68 42878			-	68 80107	
89	.27733	14220	19764	99	.27884	02600	18524
	+	15 09146	54265		+	15 08460	20705
	-	68 46603			-	68 83829	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

18 ^c	Sine.			18 ^c	Sine.		
00'	.27899	11060	39229	10'	.28049	91870	21610
	+	15	08391 36876		+	15	07700 93908
	-		68 87552		-		69 24760
01	.27914	19451	76105	11	.28064	99571	15518
	+	15	08322 49324		+	15	07631 69148
	-		68 91273		-		69 28480
02	.27929	27774	25429	12	.28080	07202	84666
	+	15	08253 58051		+	15	07562 40668
	-		68 94995		-		69 32200
03	.27944	36027	83480	13	.28095	14765	25334
	+	15	08184 63056		+	15	07493 08468
	-		68 98715		-		69 35920
04	.27959	44212	46536	14	.28110	22258	33802
	+	15	08115 64341		+	15	07423 72548
	-		69 02437		-		69 39638
05	.27974	52328	10877	15	.28125	29682	06350
	+	15	08046 61904		+	15	07354 32910
	-		69 06159		-		69 43358
06	.27989	60374	72781	16	.28140	37036	39260
	+	15	07977 55745		+	15	07284 89552
	-		69 09877		-		69 47077
07	.28004	68352	28526	17	.28155	44321	28812
	+	15	07908 45868		+	15	07215 42475
	-		69 13601		-		69 50796
08	.28019	76260	74394	18	.28170	51536	71287
	+	15	07839 32267		+	15	07145 91679
	-		69 17318		-		69 54516
09	.28034	84100	06661	19	.28185	58682	62966
	+	15	07770 14949		+	15	07076 37163
	-		69 21041		-		69 58232

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

18 ^c	Sine.			18 ^c	Sine.		
20'	.28200	65759	00129	30'	.28351	32689	55457
	+	15	07006 78931		+	15	06308 92114
	-		69 61952		-		69 99126
21	.28215	72765	79060	31	.28366	38998	47571
	+	15	06937 16979		+	15	06238 92988
	-		69 65670		-		70 02843
22	.28230	79702	96039	32	.28381	45237	40559
	+	15	06867 51309		+	15	06168 90145
	-		69 69389		-		70 06559
23	.28245	86570	47348	33	.28396	51406	30704
	+	15	06797 81920		+	15	06098 83586
	-		69 73105		-		70 10275
24	.28260	93368	29268	34	.28411	57505	14290
	+	15	06728 08815		+	15	06028 73311
	-		69 76823		-		70 13991
25	.28276	00096	38083	35	.28426	63533	87601
	+	15	06658 31992		+	15	05958 59320
	-		69 80542		-		70 17707
26	.28291	06754	70075	36	.28441	69492	46921
	+	15	06588 51450		+	15	05888 41613
	-		69 84258		-		70 21422
27	.28306	13343	21525	37	.28456	75380	88534
	+	15	06518 67192		+	15	05818 20191
	-		69 87976		-		70 25139
28	.28321	19861	88717	38	.28471	81199	08725
	+	15	06448 79216		+	15	05747 95052
	-		69 91692		-		70 28853
29	.28336	26310	67933	39	.28486	86947	03777
	+	15	06378 87524		+	15	05677 66199
	-		69 95410		-		70 32568

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

18 ^c	Sine.			18 ^c	Sine.		
40'	.28501	92624	69976	50'	.28652	45527	27798
	+	15	05607 33631		+	15	04902 03654
	-		70 36284		-		70 73423
41	.28516	98232	03607	51	.28667	50429	31452
	+	15	05536 97347		+	15	04831 30231
	-		70 39997		-		70 77137
42	.28532	03769	00954	52	.28682	55260	61683
	+	15	05466 57350		+	15	04760 53094
	-		70 43714		-		70 80848
43	.28547	09235	58304	53	.28697	60021	14777
	+	15	05396 13636		+	15	04689 72246
	-		70 47426		-		70 84562
44	.28562	14631	71940	54	.28712	64710	87023
	+	15	05325 66210		+	15	04618 87684
	-		70 51142		-		70 88275
45	.28577	19957	38150	55	.28727	69329	74707
	+	15	05255 15068		+	15	04547 99409
	-		70 54855		-		70 91985
46	.28592	25212	53218	56	.28742	73877	74116
	+	15	05184 60213		+	15	04477 07424
	-		70 58570		-		70 95700
47	.28607	30397	13431	57	.28757	78354	81540
	+	15	05114 01643		+	15	04406 11724
	-		70 62283		-		70 99410
48	.28622	35511	15074	58	.28772	82760	93264
	+	15	05043 39360		+	15	04335 12314
	-		70 65996		-		71 03123
49	.28637	40554	54434	59	.28787	87096	05578
	+	15	04972 73364		+	15	04264 09191
	-		70 69710		-		71 06833

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

18 ^c	Sine.			18 ^c	Sine.		
60'	.28802	91360	14769	70'	.28953	30086	18479
	+	15 04193	02358		+	15 03480	29916
	-	71 10547			-	71 47650	
61	.28817	95553	17127	71	.28968	33566	48395
	+	15 04121	91811		+	15 03408	82266
	-	71 14256			-	71 51360	
62	.28832	99675	08938	72	.28983	36975	30661
	+	15 04050	77555		+	15 03337	30906
	-	71 17967			-	71 55069	
63	.28848	03725	86493	73	.28998	40312	61567
	+	15 03979	59588		+	15 03265	75837
	-	71 21680			-	71 58779	
64	.28863	07705	46081	74	.29013	43578	37404
	+	15 03908	37908		+	15 03194	17058
	-	71 25389			-	71 62486	
65	.28878	11613	83989	75	.29028	46772	54462
	+	15 03837	12519		+	15 03122	54572
	-	71 29100			-	71 66197	
66	.28893	15450	96508	76	.29043	49895	09034
	+	15 03765	83419		+	15 03050	88375
	-	71 32811			-	71 69905	
67	.28908	19216	79927	77	.29058	52945	97409
	+	15 03694	50608		+	15 02979	18470
	-	71 36521			-	71 73613	
68	.28923	22911	30535	78	.29073	55925	15879
	+	15 03623	14087		+	15 02907	44857
	-	71 40230			-	71 77321	
69	.28938	26534	44622	79	.29088	58832	60736
	+	15 03551	73857		+	15 02835	67536
	-	71 43941			-	71 81030	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

18 ^c	Sine.			18 ^c	Sine.		
80'	.29103	61668	28272	90'	.29253	86069	35254
	+	15	02763 86506		+	15	02043 72304
	-		71 84737		-		72 21807
81	.29118	64432	14778	91	.29268	88113	07558
	+	15	02692 01769		+	15	01971 50497
	-		71 88446		-		72 25513
82	.29133	67124	16547	92	.29283	90084	58055
	+	15	02620 13323		+	15	01899 24984
	-		71 92152		-		72 29218
83	.29148	69744	29870	93	.29298	91983	83039
	+	15	02548 21171		+	15	01826 95766
	-		71 95861		-		72 32925
84	.29163	72292	51041	94	.29313	93810	78805
	+	15	02476 25310		+	15	01754 62841
	-		71 99567		-		72 36629
85	.29178	74768	76351	95	.29328	95565	41646
	+	15	02404 25743		+	15	01682 26212
	-		72 03274		-		72 40336
86	.29193	77173	02094	96	.29343	97247	67858
	+	15	02332 22469		+	15	01609 85876
	-		72 06982		-		72 44039
87	.29208	79505	24563	97	.29358	98857	53734
	+	15	02260 15487		+	15	01537 41837
	-		72 10688		-		72 47746
88	.29223	81765	40050	98	.29374	00394	95571
	+	15	02188 04799		+	15	01464 94091
	-		72 14394		-		72 51449
89	.29238	83953	44849	99	.29389	01859	89662
	+	15	02115 90405		+	15	01392 42642
	-		72 18101		-		72 55154

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

19 ^c	Sine.			19 ^c	Sine.		
00'	.29404	03252	32304	10'	.29554	13180	14081
	+	15	01319 87488		+	15	00592 32236
	-		72 58859		-		72 95893
01	.29419	04572	19792	11	.29569	13772	46317
	+	15	01247 28629		+	15	00519 36343
	-		72 62563		-		72 99595
02	.29434	05819	48421	12	.29584	14291	82660
	+	15	01174 66066		+	15	00446 36748
	-		72 66266		-		73 03296
03	.29449	06994	14487	13	.29599	14738	19408
	+	15	01101 99800		+	15	00373 33452
	-		72 69971		-		73 06999
04	.29464	08096	14287	14	.29614	15111	52860
	+	15	01029 29829		+	15	00300 26453
	-		72 73675		-		73 10701
05	.29479	09125	44116	15	.29629	15411	79313
	+	15	00956 56154		+	15	00227 15752
	-		72 77376		-		73 14403
06	.29494	10082	00270	16	.29644	15638	95065
	+	15	00883 78778		+	15	00154 01349
	-		72 81082		-		73 18103
07	.29509	10965	79048	17	.29659	15792	96414
	+	15	00810 97696		+	15	00080 83246
	-		72 84784		-		73 21805
08	.29524	11776	76744	18	.29674	15873	79660
	+	15	00738 12912		+	15	00007 61441
	-		72 88487		-		73 25507
09	.29539	12514	89656	19	.29689	15881	41101
	+	15	00665 24425		+	14	99934 35934
	-		72 92189		-		73 29207

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

19 ^c	Sine.			19 ^c	Sine.		
20'	.29704	15815	77035	30'	.29854	11122	19414
	+	14	99861 06727		+	14	99126 11143
	-		73 32908		-		73 69906
21	.29719	15676	83762	31	.29869	10248	30557
	+	14	99787 73819		+	14	99052 41237
	-		73 36609		-		73 73604
22	.29734	15464	57581	32	.29884	09300	71794
	+	14	99714 37210		+	14	98978 67633
	-		73 40308		-		73 77303
23	.29749	15178	94791	33	.29899	08279	39427
	+	14	99640 96902		+	14	98904 90330
	-		73 44010		-		73 81002
24	.29764	14819	91693	34	.29914	07184	29757
	+	14	99567 52892		+	14	98831 09328
	-		73 47709		-		73 84699
25	.29779	14387	44585	35	.29929	06015	39085
	+	14	99494 05183		+	14	98757 24629
	-		73 51409		-		73 88397
26	.29794	13881	49768	36	.29944	04772	63714
	+	14	99420 53774		+	14	98683 36232
	-		73 55108		-		73 92097
27	.29809	13302	03542	37	.29959	03455	99946
	+	14	99346 98666		+	14	98609 44135
	-		73 58809		-		73 95792
28	.29824	12649	02208	38	.29974	02065	44081
	+	14	99273 39857		+	14	98535 48343
	-		73 62508		-		73 99491
29	.29839	11922	42065	39	.29989	00600	92424
	+	14	99199 77349		+	14	98461 48852
	-		73 66206		-		74 03188

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

19 ^c	Sine.			19 ^c	Sine.		
40'	.30003	99062	41276	50'	.30153	79599	44496
	+	14	98387 45664		+	14	97645 10473
	-		74 06885		-		74 43846
41	.30018	97449	86940	51	.30168	77244	54969
	+	14	98313 38779		+	14	97570 66627
	-		74 10581		-		74 47541
42	.30033	95763	25719	52	.30183	74815	21596
	+	14	98239 28198		+	14	97496 19086
	-		74 14280		-		74 51237
43	.30048	94002	53917	53	.30198	72311	40682
	+	14	98165 13918		+	14	97421 67849
	-		74 17975		-		74 54930
44	.30063	92167	67835	54	.30213	69733	08531
	+	14	98090 95943		+	14	97347 12919
	-		74 21672		-		74 58627
45	.30078	90258	63778	55	.30228	67080	21450
	+	14	98016 74271		+	14	97272 54292
	-		74 25367		-		74 62319
46	.30093	88275	38049	56	.30243	64352	75742
	+	14	97942 48904		+	14	97197 91973
	-		74 29065		-		74 66014
47	.30108	86217	86953	57	.30258	61550	67715
	+	14	97868 19839		+	14	97123 25959
	-		74 32759		-		74 69708
48	.30123	84086	06792	58	.30273	58673	93674
	+	14	97793 87080		+	14	97048 56251
	-		74 36456		-		74 73402
49	.30138	81879	93872	59	.30288	55722	49925
	+	14	97719 50624		+	14	96973 82849
	-		74 40151		-		74 77096

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

19 ^c	Sine.			19 ^c	Sine.		
60'	.30303	52696	32774	70'	.30453	18316	11648
	+	14 96899	05753		+	14 96149	31689
	-	74 80788			-	75 17714	
61	.30318	49595	38527	71	.30468	14465	43337
	+	14 96824	24965		+	14 96074	13975
	-	74 84483			-	75 21405	
62	.30333	46419	63492	72	.30483	10539	57312
	+	14 96749	40482		+	14 95998	92570
	-	74 88176			-	75 25096	
63	.30348	43169	03974	73	.30498	06538	49882
	+	14 96674	52306		+	14 95923	67474
	-	74 91867			-	75 28786	
64	.30363	39843	56280	74	.30513	02462	17356
	+	14 96599	60439		+	14 95848	38688
	-	74 95562			-	75 32479	
65	.30378	36443	16719	75	.30527	98310	56044
	+	14 96524	64877		+	14 95773	06209
	-	74 99253			-	75 36168	
66	.30393	32967	81596	76	.30542	94083	62253
	+	14 96449	65624		+	14 95697	70041
	-	75 02946			-	75 39860	
67	.30408	29417	47220	77	.30557	89781	32294
	+	14 96374	62678		+	14 95622	30181
	-	75 06638			-	75 43548	
68	.30423	25792	09898	78	.30572	85403	62475
	+	14 96299	56040		+	14 95546	86633
	-	75 10330			-	75 47240	
69	.30438	22091	65938	79	.30587	80950	49108
	+	14 96224	45710		+	14 95471	39393
	-	75 14021			-	75 50930	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

19 ^c	Sine.			19 ^c	Sine.		
80'	.30602	76421	88501	90'	.30752	26976	72567
	+	14	95395 88463		+	14	94638 76265
	-		75 54618		-		75 91507
81	.30617	71817	76964	91	.30767	21615	48832
	+	14	95320 33845		+	14	94562 84758
	-		75 58310		-		75 95193
82	.30632	67138	10809	92	.30782	16178	33590
	+	14	95244 75535		+	14	94486 89565
	-		75 61997		-		75 98883
83	.30647	62382	86344	93	.30797	10665	23155
	+	14	95169 13538		+	14	94410 90682
	-		75 65688		-		76 02568
84	.30662	57551	99882	94	.30812	05076	13837
	+	14	95093 47850		+	14	94334 88114
	-		75 69376		-		76 06255
85	.30677	52645	47732	95	.30826	99411	01951
	+	14	95017 78474		+	14	94258 81859
	-		75 73064		-		76 09944
86	.30692	47663	26206	96	.30841	93669	83810
	+	14	94942 05410		+	14	94182 71915
	-		75 76755		-		76 13629
87	.30707	42605	31616	97	.30856	87852	55725
	+	14	94866 28655		+	14	94106 58286
	-		75 80442		-		76 17317
88	.30722	37471	60271	98	.30871	81959	14011
	+	14	94790 48213		+	14	94030 40969
	-		75 84130		-		76 21002
89	.30737	32262	08484	99	.30886	75989	54980
	+	14	94714 64083		+	14	93954 19967
	-		75 87818		-		76 24688

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

20°	Sine.			20°	Sine.		
00'	.30901	69943	74947	10'	.31051	05286	08612
	+	14	93877 95279		+	14	93113 45693
	-		76 28376		-		76 65225
01	.30916	63821	70226	11	.31065	98399	54305
	+	14	93801 66903		+	14	93036 80468
	-		76 32059		-		76 68908
02	.30931	57623	37129	12	.31080	91436	34773
	+	14	93725 34844		+	14	92960 11560
	-		76 35747		-		76 72591
03	.30946	51348	71973	13	.31095	84396	46333
	+	14	93648 99097		+	14	92883 38969
	-		76 39432		-		76 76277
04	.30961	44997	71070	14	.31110	77279	85302
	+	14	93572 59665		+	14	92806 62692
	-		76 43116		-		76 79958
05	.30976	38570	30735	15	.31125	70086	47994
	+	14	93496 16549		+	14	92729 82734
	-		76 46802		-		76 83642
06	.30991	32066	47284	16	.31140	62816	30728
	+	14	93419 69747		+	14	92652 99092
	-		76 50487		-		76 87325
07	.31006	25486	17031	17	.31155	55469	29820
	+	14	93343 19260		+	14	92576 11767
	-		76 54171		-		76 91008
08	.31021	18829	36291	18	.31170	48045	41587
	+	14	93266 65089		+	14	92499 20759
	-		76 57857		-		76 94690
09	.31036	12096	01380	19	.31185	40544	62346
	+	14	93190 07232		+	14	92422 26069
	-		76 61539		-		76 98373

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

20°	Sine.			20°	Sine.		
20'	.31200	32966	88415	30'	.31349	52949	31098
	+	14 92345	27696		+	14 91573	41478
	-	77 02055			-	77 38867	
21	.31215	25312	16111	31	.31364	44522	72576
	+	14 92268	25641		+	14 91496	02611
	-	77 05737			-	77 42546	
22	.31230	17580	41752	32	.31379	36018	75187
	+	14 92191	19904		+	14 91418	60065
	-	77 09419			-	77 46227	
23	.31245	09771	61656	33	.31394	27437	35252
	+	14 92114	10485		+	14 91341	13838
	-	77 13100			-	77 49907	
24	.31260	01885	72141	34	.31409	18778	49090
	+	14 92036	97385		+	14 91263	63931
	-	77 16782			-	77 53585	
25	.31274	93922	69526	35	.31424	10042	13021
	+	14 91959	80603		+	14 91186	10346
	-	77 20464			-	77 57266	
26	.31289	85882	50129	36	.31439	01228	23367
	+	14 91882	60139		+	14 91108	53080
	-	77 24143			-	77 60944	
27	.31304	77765	10268	37	.31453	92336	76447
	+	14 91805	35996		+	14 91030	92136
	-	77 27826			-	77 64624	
28	.31319	69570	46264	38	.31468	83367	68583
	+	14 91728	08170		+	14 90953	27512
	-	77 31506			-	77 68302	
29	.31334	61298	54434	39	.31483	74320	96095
	+	14 91650	76664		+	14 90875	59210
	-	77 35186			-	77 71981	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

20°	Sine.			20°	Sine.		
40'	.31498	65196	55305	50'	.31647	69671	81586
	+	14 90797	87229		+	14 90018	65141
	-	77 75659			-	78 12433	
41	.31513	55994	42534	51	.31662	59690	46727
	+	14 90720	11570		+	14 89940	52708
	-	77 79338			-	78 16109	
42	.31528	46714	54104	52	.31677	49630	99435
	+	14 90642	32232		+	14 89862	36599
	-	77 83015			-	78 19785	
43	.31543	37356	86336	53	.31692	39493	36034
	+	14 90564	49217		+	14 89784	16814
	-	77 86693			-	78 23461	
44	.31558	27921	35553	54	.31707	29277	52848
	+	14 90486	62524		+	14 89705	93353
	-	77 90371			-	78 27136	
45	.31573	18407	98077	55	.31722	18983	46201
	+	14 90408	72153		+	14 89627	66217
	-	77 94049			-	78 30813	
46	.31588	08816	70230	56	.31737	08611	12418
	+	14 90330	78104		+	14 89549	35404
	-	77 97725			-	78 34487	
47	.31602	99147	48334	57	.31751	98160	47822
	+	14 90252	80379		+	14 89471	00917
	-	78 01403			-	78 38162	
48	.31617	89400	28713	58	.31766	87631	48739
	+	14 90174	78976		+	14 89392	62755
	-	78 05079			-	78 41838	
49	.31632	79575	07689	59	.31781	77024	11494
	+	14 90096	73897		+	14 89314	20917
	-	78 08756			-	78 45512	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

20°	Sine.			20°	Sine.		
60'	.31796	66338	32411	70'	.31945	55159	32175
	+	14 89235	75405		+	14 88449	18215
	-	78 49187			-	78 85922	
61	.31811	55574	07816	71	.31960	43608	50390
	+	14 89157	26218		+	14 88370	32293
	-	78 52861			-	78 89593	
62	.31826	44731	34034	72	.31975	31978	82683
	+	14 89078	73357		+	14 88291	42700
	-	78 56535			-	78 93267	
63	.31841	33810	07391	73	.31990	20270	25383
	+	14 89000	16822		+	14 88212	49433
	-	78 60210			-	78 96937	
64	.31856	22810	24213	74	.32005	08482	74816
	+	14 88921	56612		+	14 88133	52496
	-	78 63882			-	79 00611	
65	.31871	11731	80825	75	.32019	96616	27312
	+	14 88842	92730		+	14 88054	51885
	-	78 67557			-	79 04281	
66	.31886	00574	73555	76	.32034	84670	79197
	+	14 88764	25173		+	14 87975	47604
	-	78 71230			-	79 07953	
67	.31900	89338	98728	77	.32049	72646	26801
	+	14 88685	53943		+	14 87896	39651
	-	78 74903			-	79 11625	
68	.31915	78024	52671	78	.32064	60542	66452
	+	14 88606	79040		+	14 87817	28026
	-	78 78576			-	79 15295	
69	.31930	66631	31711	79	.32079	48359	94478
	+	14 88528	00464		+	14 87738	12731
	-	78 82249			-	79 18965	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

20°	Sine.			20°	Sine.		
80'	.32094	36098	07209	90'	.32243	09117	85791
	+	14	87658 93766		+	14	86865 02250
	-		79 22638		-		79 59332
81	.32109	23757	00975	91	.32257	95982	88041
	+	14	87579 71128		+	14	86785 42918
	-		79 26307		-		79 63002
82	.32124	11336	72103	92	.32272	82768	30959
	+	14	87500 44821		+	14	86705 79916
	-		79 29978		-		79 66669
83	.32138	98837	16924	93	.32287	69474	10875
	+	14	87421 14843		+	14	86626 13247
	-		79 33647		-		79 70337
84	.32153	86258	31767	94	.32302	56100	24122
	+	14	87341 81196		+	14	86546 42910
	-		79 37317		-		79 74006
85	.32168	73600	12963	95	.32317	42646	67032
	+	14	87262 43879		+	14	86466 68904
	-		79 40988		-		79 77672
86	.32183	60862	56842	96	.32332	29113	35936
	+	14	87183 02891		+	14	86386 91232
	-		79 44656		-		79 81341
87	.32198	48045	59733	97	.32347	15500	27168
	+	14	87103 58235		+	14	86307 09891
	-		79 48326		-		79 85008
88	.32213	35149	17968	98	.32362	01807	37059
	+	14	87024 09909		+	14	86227 24883
	-		79 51995		-		79 88676
89	.32228	22173	27877	99	.32376	88034	61942
	+	14	86944 57914		+	14	86147 36207
	-		79 55664		-		79 92341

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

21 ^c	Sine.			21 ^c	Sine.		
00'	.32391	74181	98149	10'	.32540	31253	76478
	+	14	86067 43866		+	14	85266 18810
	-		79 96008		-		80 32666
01	.32406	60249	42015	11	.32555	16519	95288
	+	14	85987 47858		+	14	85185 86144
	-		79 99676		-		80 36329
02	.32421	46236	89873	12	.32570	01705	81432
	+	14	85907 48182		+	14	85105 49815
	-		80 03341		-		80 39994
03	.32436	32144	38055	13	.32584	86811	31247
	+	14	85827 44841		+	14	85025 09821
	-		80 07008		-		80 43658
04	.32451	17971	82896	14	.32599	71836	41068
	+	14	85747 37833		+	14	84944 66163
	-		80 10674		-		80 47322
05	.32466	03719	20729	15	.32614	56781	07231
	+	14	85667 27159		+	14	84864 18841
	-		80 14339		-		80 50986
06	.32480	89386	47888	16	.32629	41645	26072
	+	14	85587 12820		+	14	84783 67855
	-		80 18005		-		80 54650
07	.32495	74973	60708	17	.32644	26428	93927
	+	14	85506 94815		+	14	84703 13205
	-		80 21670		-		80 58312
08	.32510	60480	55523	18	.32659	11132	07132
	+	14	85426 73145		+	14	84622 54893
	-		80 25335		-		80 61976
09	.32525	45907	28668	19	.32673	95754	62025
	+	14	85346 47810		+	14	84541 92917
	-		80 29000		-		80 65638

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

21 ^c	Sine.			21 ^c	Sine.		
20'	.32688	80296	54942	30'	.32837	21273	69689
	+	14	84461 27279		+	14	83652 69471
	-		80 69303		-		81 05919
21	.32703	64757	82221	31	.32852	04926	39160
	+	14	84380 57976		+	14	83571 63552
	-		80 72963		-		81 09577
22	.32718	49138	40197	32	.32866	88498	02712
	+	14	84299 85013		+	14	83490 53975
	-		80 76627		-		81 13241
23	.32733	33438	25210	33	.32881	71988	56687
	+	14	84219 08386		+	14	83409 40734
	-		80 80288		-		81 16898
24	.32748	17657	33596	34	.32896	55397	97421
	+	14	84138 28098		+	14	83328 23836
	-		80 83952		-		81 20560
25	.32763	01795	61694	35	.32911	38726	21257
	+	14	84057 44146		+	14	83247 03276
	-		80 87611		-		81 24219
26	.32777	85853	05840	36	.32926	21973	24533
	+	14	83976 56535		+	14	83165 79057
	-		80 91275		-		81 27878
27	.32792	69829	62375	37	.32941	05139	03590
	+	14	83895 65260		+	14	83084 51179
	-		80 94935		-		81 31539
28	.32807	53725	27635	38	.32955	88223	54769
	+	14	83814 70325		+	14	83003 19640
	-		80 98596		-		81 35196
29	.32822	37539	97960	39	.32970	71226	74409
	+	14	83733 71729		+	14	82921 84444
	-		81 02258		-		81 38857

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

21 ^c	Sine.			21 ^c	Sine.		
40'	.32985	54148	58853	50'	.33133	78884	62571
	+	14 82840	45587		+	14 82024	55827
	-	81 42514			-	81 79091	
41	.33000	36989	04440	51	.33148	60909	18398
	+	14 82759	03073		+	14 81942	76736
	-	81 46174			-	81 82748	
42	.33015	19748	07513	52	.33163	42851	95134
	+	14 82677	56899		+	14 81860	93988
	-	81 49832			-	81 86404	
43	.33030	02425	64412	53	.33178	24712	89122
	+	14 82596	07067		+	14 81779	07584
	-	81 53490			-	81 90061	
44	.33044	85021	71479	54	.33193	06491	96706
	+	14 82514	53577		+	14 81697	17523
	-	81 57148			-	81 93716	
45	.33059	67536	25056	55	.33207	88189	14229
	+	14 82432	96429		+	14 81615	23807
	-	81 60805			-	81 97373	
46	.33074	49969	21485	56	.33222	69804	38036
	+	14 82351	35624		+	14 81533	26434
	-	81 64464			-	82 01027	
47	.33089	32320	57109	57	.33237	51337	64470
	+	14 82269	71160		+	14 81451	25407
	-	81 68120			-	82 04683	
48	.33104	14590	28269	58	.33252	32788	89877
	+	14 82188	03040		+	14 81369	20724
	-	81 71778			-	82 08338	
49	.33118	96778	31309	59	.33267	14158	10601
	+	14 82106	31262		+	14 81287	12386
	-	81 75435			-	82 11994	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

21 ^c	Sine.			21 ^c	Sine.		
60'	.33281	95445	22987	70'	.33430	03793	84261
	+	14	81205 00392		+	14	80381 79485
	-		82 15647		-		82 52184
61	.33296	76650	23379	71	.33444	84175	63746
	+	14	81122 84745		+	14	80299 27301
	-		82 19303		-		82 55836
62	.33311	57773	08124	72	.33459	64474	91047
	+	14	81040 65442		+	14	80216 71465
	-		82 22956		-		82 59489
63	.33326	38813	73566	73	.33474	44691	62512
	+	14	80958 42486		+	14	80134 11976
	-		82 26611		-		82 63140
64	.33341	19772	16052	74	.33489	24825	74488
	+	14	80876 15875		+	14	80051 48836
	-		82 30264		-		82 66793
65	.33356	00648	31927	75	.33504	04877	23324
	+	14	80793 85611		+	14	79968 82043
	-		82 33919		-		82 70445
66	.33370	81442	17538	76	.33518	84846	05367
	+	14	80711 51692		+	14	79886 11598
	-		82 37572		-		82 74095
67	.33385	62153	69230	77	.33533	64732	16965
	+	14	80629 14120		+	14	79803 37503
	-		82 41226		-		82 77748
68	.33400	42782	83350	78	.33548	44535	54468
	+	14	80546 72894		+	14	79720 59755
	-		82 44877		-		82 81397
69	.33415	23329	56244	79	.33563	24256	14223
	+	14	80464 28017		+	14	79637 78358
	-		82 48532		-		82 85050

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

21 ^c	Sine.			21 ^c	Sine.		
80'	.33578	03893	92581	90'	.33725	95708	96169
	+	14	79554 93308		+	14	78724 42066
	-		82 88699		-		83 25195
81	.33592	83448	85889	91	.33740	74433	38235
	+	14	79472 04609		+	14	78641 16871
	-		82 92351		-		83 28843
82	.33607	62920	90498	92	.33755	53074	55106
	+	14	79389 12258		+	14	78557 88028
	-		82 95999		-		83 32492
83	.33622	42310	02756	93	.33770	31632	43134
	+	14	79306 16259		+	14	78474 55536
	-		82 99652		-		83 36140
84	.33637	21616	19015	94	.33785	10106	98670
	+	14	79223 16607		+	14	78391 19396
	-		83 03299		-		83 39786
85	.33652	00839	35622	95	.33799	88498	18066
	+	14	79140 13308		+	14	78307 79610
	-		83 06950		-		83 43436
86	.33666	79979	48930	96	.33814	66805	97676
	+	14	79057 06358		+	14	78224 36174
	-		83 10600		-		83 47082
87	.33681	59036	55288	97	.33829	45030	33850
	+	14	78973 95758		+	14	78140 89092
	-		83 14248		-		83 50729
88	.33696	38010	51046	98	.33844	23171	22942
	+	14	78890 81510		+	14	78057 38363
	-		83 17897		-		83 54377
89	.33711	16901	32556	99	.33859	01228	61305
	+	14	78807 63613		+	14	77973 83986
	-		83 21547		-		83 58022

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

22°	Sine.			22°	Sine.		
00'	.33873	79202	45291	10'	.34021	54337	92269
	+	14	77890 25964		+	14	77052 45205
	-		83 61671		-		83 98123
01	.33888	57092	71255	11	.34036	31390	37474
	+	14	77806 64293		+	14	76968 47082
	-		83 65316		-		84 01768
02	.33903	34899	35548	12	.34051	08358	84556
	+	14	77722 98977		+	14	76884 45314
	-		83 68961		-		84 05413
03	.33918	12622	34525	13	.34065	85243	29870
	+	14	77639 30016		+	14	76800 39901
	-		83 72609		-		84 09055
04	.33932	90261	64541	14	.34080	62043	69771
	+	14	77555 57407		+	14	76716 30846
	-		83 76254		-		84 12700
05	.33947	67817	21948	15	.34095	38760	00617
	+	14	77471 81153		+	14	76632 18146
	-		83 79899		-		84 16344
06	.33962	45289	03101	16	.34110	15392	18763
	+	14	77388 01254		+	14	76548 01802
	-		83 83545		-		84 19985
07	.33977	22677	04355	17	.34124	91940	20565
	+	14	77304 17709		+	14	76463 81817
	-		83 87189		-		84 23630
08	.33991	99981	22064	18	.34139	68404	02382
	+	14	77220 30520		+	14	76379 58187
	-		83 90835		-		84 27273
09	.34006	77201	52584	19	.34154	44783	60569
	+	14	77136 39685		+	14	76295 30914
	-		83 94480		-		84 30914

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

22 ^c	Sine.			22 ^c	Sine.		
20'	.34169	21078	91483	30'	.34316	79388	99388
	+	14	76211 00000		+	14	75365 90554
	-		84 34557		-		84 70970
21	.34183	97289	91483	31	.34331	54754	89942
	+	14	76126 65443		+	14	75281 19584
	-		84 38200		-		84 74610
22	.34198	73416	56926	32	.34346	30036	09526
	+	14	76042 27243		+	14	75196 44974
	-		84 41841		-		84 78249
23	.34213	49458	84169	33	.34361	05232	54500
	+	14	75957 85402		+	14	75111 66725
	-		84 45483		-		84 81890
24	.34228	25416	69571	34	.34375	80344	21225
	+	14	75873 39919		+	14	75026 84835
	-		84 49125		-		84 85529
25	.34243	01290	09490	35	.34390	55371	06060
	+	14	75788 90794		+	14	74941 99306
	-		84 52766		-		84 89169
26	.34257	77079	00284	36	.34405	30313	05366
	+	14	75704 38028		+	14	74857 10137
	-		84 56408		-		84 92806
27	.34272	52783	38312	37	.34420	05170	15503
	+	14	75619 81620		+	14	74772 17331
	-		84 60047		-		84 96447
28	.34287	28403	19932	38	.34434	79942	32834
	+	14	75535 21573		+	14	74687 20884
	-		84 63690		-		85 00085
29	.34302	03938	41505	39	.34449	54629	53718
	+	14	75450 57883		+	14	74602 20799
	-		84 67329		-		85 03723

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

22°	Sine.			22°	Sine.				
40'	.34464	29231	74517	50'	.34611	70570	77493		
	+	14	74517	17076		+	14	73664	79776
	-		85	07361		-		85	43733
41	.34479	03748	91593	51	.34626	44235	57269		
	+	14	74432	09715		+	14	73579	36043
	-		85	11000		-		85	47367
42	.34493	78181	01308	52	.34641	17814	93312		
	+	14	74346	98715		+	14	73493	88676
	-		85	14638		-		85	51005
43	.34508	52528	00023	53	.34655	91308	81988		
	+	14	74261	84077		+	14	73408	37671
	-		85	18274		-		85	54638
44	.34523	26789	84100	54	.34670	64717	19659		
	+	14	74176	65803		+	14	73322	83033
	-		85	21912		-		85	58275
45	.34538	00966	49903	55	.34685	38040	02692		
	+	14	74091	43891		+	14	73237	24758
	-		85	25550		-		85	61910
46	.34552	75057	93794	56	.34700	11277	27450		
	+	14	74006	18341		+	14	73151	62848
	-		85	29186		-		85	65545
47	.34567	49064	12135	57	.34714	84428	90298		
	+	14	73920	89155		+	14	73065	97303
	-		85	32824		-		85	69178
48	.34582	22985	01290	58	.34729	57494	87601		
	+	14	73835	56331		+	14	72980	28125
	-		85	36459		-		85	72814
49	.34596	96820	57621	59	.34744	30475	15726		
	+	14	73750	19872		+	14	72894	55311
	-		85	40096		-		85	76448

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

22°	Sine.			22°	Sine.		
60'	.34759	03369	71037	70'	.34906	27592	19978
	+	14	72808 78863		+	14	71949 14549
	-		85 80081		-		86 16409
61	.34773	76178	49900	71	.34920	99541	34527
	+	14	72722 98782		+	14	71862 98140
	-		85 83716		-		86 20042
62	.34788	48901	48682	72	.34935	71404	32667
	+	14	72637 15066		+	14	71776 78098
	-		85 87350		-		86 23674
63	.34803	21538	63748	73	.34950	43181	10765
	+	14	72551 27716		+	14	71690 54424
	-		85 90982		-		86 27304
64	.34817	94089	91464	74	.34965	14871	65189
	+	14	72465 36734		+	14	71604 27120
	-		85 94615		-		86 30936
65	.34832	66555	28198	75	.34979	86475	92309
	+	14	72379 42119		+	14	71517 96184
	-		85 98249		-		86 34567
66	.34847	38934	70317	76	.34994	57993	88493
	+	14	72293 43870		+	14	71431 61617
	-		86 01882		-		86 38196
67	.34862	11228	14187	77	.35009	29425	50110
	+	14	72207 41988		+	14	71345 23421
	-		86 05514		-		86 41828
68	.34876	83435	56175	78	.35024	00770	73531
	+	14	72121 36474		+	14	71258 81593
	-		86 09145		-		86 45458
69	.34891	55556	92649	79	.35038	72029	55124
	+	14	72035 27329		+	14	71172 36135
	-		86 12780		-		86 49087

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

22°	Sine.			22°	Sine.		
80'	.35053	43201	91259	90'	.35200	50162	53951
	+	14	71085 87048		+	14	70218 96570
	-		86 52718		-		86 89004
81	.35068	14287	78307	91	.35215	20381	50521
	+	14	70999 34330		+	14	70132 07566
	-		86 56347		-		86 92630
82	.35082	85287	12637	92	.35229	90513	58087
	+	14	70912 77983		+	14	70045 14936
	-		86 59976		-		86 96259
83	.35097	56199	90620	93	.35244	60558	73023
	+	14	70826 18007		+	14	69958 18677
	-		86 63605		-		86 99884
84	.35112	27026	08627	94	.35259	30516	91700
	+	14	70739 54402		+	14	69871 18793
	-		86 67235		-		87 03511
85	.35126	97765	63029	95	.35274	00388	10493
	+	14	70652 87167		+	14	69784 15282
	-		86 70863		-		87 07139
86	.35141	68418	50196	96	.35288	70172	25775
	+	14	70566 16304		+	14	69697 08143
	-		86 74491		-		87 10764
87	.35156	38984	66500	97	.35303	39869	33918
	+	14	70479 41813		+	14	69609 97379
	-		86 78120		-		87 14391
88	.35171	09464	08313	98	.35318	09479	31297
	+	14	70392 63693		+	14	69522 82988
	-		86 81748		-		87 18016
89	.35185	79856	72006	99	.35332	79002	14285
	+	14	70305 81945		+	14	69435 64972
	-		86 85375		-		87 21642

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

23°	Sine.			23°	Sine.		
00'	.35347	48437	79257	10'	.35494	37991	40524
	+	14 69348	43330		+	14 68474	27543
	-	87 25268			-	87 61511	
01	.35362	17786	22587	11	.35509	06465	68067
	+	14 69261	18062		+	14 68386	66032
	-	87 28893			-	87 65134	
02	.35376	87047	40649	12	.35523	74852	34099
	+	14 69173	89169		+	14 68299	00898
	-	87 32518			-	87 68756	
03	.35391	56221	29818	13	.35538	43151	34997
	+	14 69086	56651		+	14 68211	32142
	-	87 36143			-	87 72379	
04	.35406	25307	86469	14	.35553	11362	67139
	+	14 68999	20508		+	14 68123	59763
	-	87 39767			-	87 76002	
05	.35420	94307	06977	15	.35567	79486	26902
	+	14 68911	80741		+	14 68035	83761
	-	87 43391			-	87 79623	
06	.35435	63218	87718	16	.35582	47522	10663
	+	14 68824	37350		+	14 67948	04138
	-	87 47017			-	87 83247	
07	.35450	32043	25068	17	.35597	15470	14801
	+	14 68736	90333		+	14 67860	20891
	-	87 50640			-	87 86867	
08	.35465	00780	15401	18	.35611	83330	35692
	+	14 68649	39693		+	14 67772	34024
	-	87 54263			-	87 90489	
09	.35479	69429	55094	19	.35626	51102	69716
	+	14 68561	85430		+	14 67684	43535
	-	87 57887			-	87 94111	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

23 ^c	Sine.			23 ^c	Sine.		
20'	.35641	18787	13251	30'	.35787	90788	75096
	+	14	67596 49424		+	14	66715 09191
	-		87 97732		-		88 33931
21	.35655	86383	62675	31	.35802	57503	84287
	+	14	67508 51692		+	14	66626 75260
	-		88 01352		-		88 37551
22	.35670	53892	14367	32	.35817	24130	59547
	+	14	67420 50340		+	14	66538 37709
	-		88 04974		-		88 41168
23	.35685	21312	64707	33	.35831	90668	97256
	+	14	67332 45366		+	14	66449 96541
	-		88 08594		-		88 44787
24	.35699	88645	10073	34	.35846	57118	93797
	+	14	67244 36772		+	14	66361 51754
	-		88 12214		-		88 48405
25	.35714	55889	46845	35	.35861	23480	45551
	+	14	67156 24558		+	14	66273 03349
	-		88 15834		-		88 52023
26	.35729	23045	71403	36	.35875	89753	48900
	+	14	67068 08724		+	14	66184 51326
	-		88 19454		-		88 55641
27	.35743	90113	80127	37	.35890	55938	00226
	+	14	66979 89270		+	14	66095 95685
	-		88 23074		-		88 59258
28	.35758	57093	69397	38	.35905	22033	95911
	+	14	66891 66196		+	14	66007 36427
	-		88 26693		-		88 62874
29	.35773	23985	35593	39	.35919	88041	32338
	+	14	66803 39503		+	14	65918 73553
	-		88 30312		-		88 66493

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

23 ^c	Sine.			23 ^c	Sine.		
40'	.35934	53960	05891	50'	.36081	08264	87642
	+	14	65830 07060		+	14	64941 43250
	-		88 70109		-		89 06265
41	.35949	19790	12951	51	.36095	73206	30892
	+	14	65741 36951		+	14	64852 36985
	-		88 73726		-		89 09878
42	.35963	85531	49902	52	.36110	38058	67877
	+	14	65652 63225		+	14	64763 27107
	-		88 77342		-		89 13495
43	.35978	51184	13127	53	.36125	02821	94984
	+	14	65563 85883		+	14	64674 13612
	-		88 80957		-		89 17106
44	.35993	16747	99010	54	.36139	67496	08596
	+	14	65475 04926		+	14	64584 96506
	-		88 84575		-		89 20722
45	.36007	82223	03936	55	.36154	32081	05102
	+	14	65386 20351		+	14	64495 75784
	-		88 88189		-		89 24334
46	.36022	47609	24287	56	.36168	96576	80886
	+	14	65297 32162		+	14	64406 51450
	-		88 91806		-		89 27948
47	.36037	12906	56449	57	.36183	60983	32336
	+	14	65208 40356		+	14	64317 23502
	-		88 95420		-		89 31562
48	.36051	78114	96805	58	.36198	25300	55838
	+	14	65119 44936		+	14	64227 91940
	-		88 99035		-		89 35172
49	.36066	43234	41741	59	.36212	89528	47778
	+	14	65030 45901		+	14	64138 56768
	-		89 02651		-		89 38787

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

23°	Sine.			23°	Sine.		
60'	.36227	53667	04546	70'	.36373	90130	42995
	+	14	64049 17981		+	14	63153 31472
	-		89 42399		-		89 78511
61	.36242	17716	22527	71	.36388	53283	74467
	+	14	63959 75582		+	14	63063 52961
	-		89 46011		-		89 82120
62	.36256	81675	98109	72	.36403	16347	27428
	+	14	63870 29571		+	14	62973 70841
	-		89 49623		-		89 85731
63	.36271	45546	27680	73	.36417	79320	98269
	+	14	63780 79948		+	14	62883 85110
	-		89 53234		-		89 89339
64	.36286	09327	07628	74	.36432	42204	83379
	+	14	63691 26714		+	14	62793 95771
	-		89 56847		-		89 92950
65	.36300	73018	34342	75	.36447	04998	79150
	+	14	63601 69867		+	14	62704 02821
	-		89 60457		-		89 96558
66	.36315	36620	04209	76	.36461	67702	81971
	+	14	63512 09410		+	14	62614 06263
	-		89 64068		-		90 00166
67	.36330	00132	13619	77	.36476	30316	88234
	+	14	63422 45342		+	14	62524 06097
	-		89 67680		-		90 03777
68	.36344	63554	58961	78	.36490	92840	94331
	+	14	63332 77662		+	14	62434 02320
	-		89 71290		-		90 07383
69	.36359	26887	36623	79	.36505	55274	96651
	+	14	63243 06372		+	14	62343 94937
	-		89 74900		-		90 10993

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

23 ^c	Sine.			23 ^c	Sine.		
80'	.36520	17618	91588	90'	.36666	36096	41137
	+	14	62253 83944		+	14	61350 75620
	-		90 14600		-		90 50668
81	.36534	79872	75532	91	.36680	97447	16757
	+	14	62163 69344		+	14	61260 24952
	-		90 18208		-		90 54272
82	.36549	42036	44876	92	.36695	58707	41709
	+	14	62073 51136		+	14	61169 70680
	-		90 21815		-		90 57880
83	.36564	04109	96012	93	.36710	19877	12389
	+	14	61983 29321		+	14	61079 12800
	-		90 25424		-		90 61482
84	.36578	66093	25333	94	.36724	80956	25189
	+	14	61893 03897		+	14	60988 51318
	-		90 29029		-		90 65090
85	.36593	27986	29230	95	.36739	41944	76507
	+	14	61802 74868		+	14	60897 86228
	-		90 32637		-		90 68692
86	.36607	89789	04098	96	.36754	02842	62735
	+	14	61712 42231		+	14	60807 17536
	-		90 36243		-		90 72297
87	.36622	51501	46329	97	.36768	63649	80271
	+	14	61622 05988		+	14	60716 45239
	-		90 39850		-		90 75902
88	.36637	13123	52317	98	.36783	24366	25510
	+	14	61531 66138		+	14	60625 69337
	-		90 43456		-		90 79506
89	.36651	74655	18455	99	.36797	84991	94847
	+	14	61441 22682		+	14	60534 89831
	-		90 47062		-		90 83109

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

24 ^c	Sine.			24 ^c	Sine.		
00'	.36812	45526	84678	10'	.36958	45874	17480
	+	14	60444 06722		+	14	59533 77474
	-		90 86713		-		91 22736
01	.36827	05970	91400	11	.36973	05407	94954
	+	14	60353 20009		+	14	59442 54738
	-		90 90315		-		91 26335
02	.36841	66324	11409	12	.36987	64850	49692
	+	14	60262 29694		+	14	59351 28403
	-		90 93920		-		91 29938
03	.36856	26586	41103	13	.37002	24201	78095
	+	14	60171 35774		+	14	59259 98465
	-		90 97522		-		91 33538
04	.36870	86757	76877	14	.37016	83461	76560
	+	14	60080 38252		+	14	59168 64927
	-		91 01124		-		91 37138
05	.36885	46838	15129	15	.37031	42630	41487
	+	14	59989 37128		+	14	59077 27789
	-		91 04727		-		91 40738
06	.36900	06827	52257	16	.37046	01707	69276
	+	14	59898 32401		+	14	58985 87051
	-		91 08329		-		91 44339
07	.36914	66725	84658	17	.37060	60693	56327
	+	14	59807 24072		+	14	58894 42712
	-		91 11931		-		91 47937
08	.36929	26533	08730	18	.37075	19587	99039
	+	14	59716 12141		+	14	58802 94775
	-		91 15532		-		91 51538
09	.36943	86249	20871	19	.37089	78390	93814
	+	14	59624 96609		+	14	58711 43237
	-		91 19135		-		91 55136

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

24 ^c	Sine.			24 ^c	Sine.		
20'	.37104	37102	37051	30'	.37250	19175	43152
	+	14	58619 88101		+	14	57702 38827
	-		91 58736		-		91 94713
21	.37118	95722	25152	31	.37264	76877	81979
	+	14	58528 29365		+	14	57610 44114
	-		91 62334		-		91 98309
22	.37133	54250	54517	32	.37279	34488	26093
	+	14	58436 67031		+	14	57518 45805
	-		91 65934		-		92 01907
23	.37148	12687	21548	33	.37293	92006	71898
	+	14	58345 01097		+	14	57426 43898
	-		91 69530		-		92 05501
24	.37162	71032	22645	34	.37308	49433	15796
	+	14	58253 31567		+	14	57334 38397
	-		91 73129		-		92 09098
25	.37177	29285	54212	35	.37323	06767	54193
	+	14	58161 58438		+	14	57242 29299
	-		91 76728		-		92 12694
26	.37191	87447	12650	36	.37337	64009	83492
	+	14	58069 81710		+	14	57150 16605
	-		91 80325		-		92 16288
27	.37206	45516	94360	37	.37352	21160	00097
	+	14	57978 01385		+	14	57058 00317
	-		91 83922		-		92 19884
28	.37221	03494	95745	38	.37366	78218	00414
	+	14	57886 17463		+	14	56965 80433
	-		91 87519		-		92 23480
29	.37235	61381	13208	39	.37381	35183	80847
	+	14	57794 29944		+	14	56873 56953
	-		91 91117		-		92 27072

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

24 ^c	Sine.			24 ^c	Sine.		
40'	.37395	92057	37800	50'	.37541	55712	25283
	+	14	56781 29881		+	14	55856 61487
	-		92 30669		-		92 66600
41	.37410	48838	67681	51	.37556	11568	86770
	+	14	56688 99212		+	14	55763 94887
	-		92 34262		-		92 70192
42	.37425	05527	66893	52	.37570	67332	81657
	+	14	56596 64950		+	14	55671 24695
	-		92 37856		-		92 73784
43	.37439	62124	31843	53	.37585	23004	06352
	+	14	56504 27094		+	14	55578 50911
	-		92 41450		-		92 77375
44	.37454	18628	58937	54	.37599	78582	57263
	+	14	56411 85644		+	14	55485 73536
	-		92 45044		-		92 80967
45	.37468	75040	44581	55	.37614	34068	30799
	+	14	56319 40600		+	14	55392 92569
	-		92 48637		-		92 84557
46	.37483	31359	85181	56	.37628	89461	23368
	+	14	56226 91963		+	14	55300 08012
	-		92 52229		-		92 88149
47	.37497	87586	77144	57	.37643	44761	31380
	+	14	56134 39734		+	14	55207 19863
	-		92 55824		-		92 91738
48	.37512	43721	16878	58	.37657	99968	51243
	+	14	56041 83910		+	14	55114 28125
	-		92 59415		-		92 95330
49	.37526	99763	00788	59	.37672	55082	79368
	+	14	55949 24495		+	14	55021 32795
	-		92 63008		-		92 98920

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

24 ^c	Sine.			24 ^c	Sine.		
60'	.37687	10104	12163	70'	.37832	55197	07288
	+	14	54928 33875		+	14	53996 47275
	-		93 02508		-		93 38396
61	.37701	65032	46038	71	.37847	09193	54563
	+	14	54835 31367		+	14	53903 08879
	-		93 06100		-		93 41982
62	.37716	19867	77405	72	.37861	63096	63442
	+	14	54742 25267		+	14	53809 66897
	-		93 09688		-		93 45571
63	.37730	74610	02672	73	.37876	16906	30339
	+	14	54649 15579		+	14	53716 21326
	-		93 13278		-		93 49156
64	.37745	29259	18251	74	.37890	70622	51665
	+	14	54556 02301		+	14	53622 72170
	-		93 16866		-		93 52745
65	.37759	83815	20552	75	.37905	24245	23835
	+	14	54462 85435		+	14	53529 19425
	-		93 20456		-		93 56329
66	.37774	38278	05987	76	.37919	77774	43260
	+	14	54369 64979		+	14	53435 63096
	-		93 24044		-		93 59917
67	.37788	92647	70966	77	.37934	31210	06356
	+	14	54276 40935		+	14	53342 03179
	-		93 27631		-		93 63502
68	.37803	46924	11901	78	.37948	84552	09535
	+	14	54183 13304		+	14	53248 39677
	-		93 31221		-		93 67088
69	.37818	01107	25205	79	.37963	37800	49212
	+	14	54089 82083		+	14	53154 72589
	-		93 34808		-		93 70674

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

24 ^c	Sine.			24 ^c	Sine.		
80'	.37977	90955	21801	90'	.38123	17342	69149
	+	14	53061 01915		+	14	52121 98027
	-		93 74258		-		94 10098
81	.37992	44016	23716	91	.38137	69464	67176
	+	14	52967 27657		+	14	52027 87929
	-		93 77844		-		94 13683
82	.38006	96983	51373	92	.38152	21492	55105
	+	14	52873 49813		+	14	51933 74246
	-		93 81429		-		94 17263
83	.38021	49857	01186	93	.38166	73426	29351
	+	14	52779 68384		+	14	51839 56983
	-		93 85014		-		94 20847
84	.38036	02636	69570	94	.38181	25265	86334
	+	14	52685 83370		+	14	51745 36136
	-		93 88597		-		94 24429
85	.38050	55322	52940	95	.38195	77011	22470
	+	14	52591 94773		+	14	51651 11707
	-		93 92182		-		94 28009
86	.38065	07914	47713	96	.38210	28662	34177
	+	14	52498 02591		+	14	51556 83698
	-		93 95765		-		94 31593
87	.38079	60412	50304	97	.38224	80219	17875
	+	14	52404 06826		+	14	51462 52105
	-		93 99350		-		94 35173
88	.38094	12816	57130	98	.38239	31681	69980
	+	14	52310 07476		+	14	51368 16932
	-		94 02933		-		94 38754
89	.38108	65126	64606	99	.38253	83049	86912
	+	14	52216 04543		+	14	51273 78178
	-		94 06516		-		94 42336

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

25°	Sine.			25°	Sine.		
00'	.38268	34323	65090	10'	.38413	41862	27703
	+	14	51179 35842		+	14	50233 15593
	-		94 45915		-		94 81708
01	.38282	85503	00932	11	.38427	92095	43296
	+	14	51084 89927		+	14	50138 33885
	-		94 49496		-		94 85288
02	.38297	36587	90859	12	.38442	42233	77181
	+	14	50990 40431		+	14	50043 48597
	-		94 53077		-		94 88866
03	.38311	87578	31290	13	.38456	92277	25778
	+	14	50895 87354		+	14	49948 59731
	-		94 56657		-		94 92442
04	.38326	38474	18644	14	.38471	42225	85509
	+	14	50801 30697		+	14	49853 67289
	-		94 60235		-		94 96021
05	.38340	89275	49341	15	.38485	92079	52798
	+	14	50706 70462		+	14	49758 71268
	-		94 63816		-		94 99597
06	.38355	39982	19803	16	.38500	41838	24066
	+	14	50612 06646		+	14	49663 71671
	-		94 67395		-		95 03175
07	.38369	90594	26449	17	.38514	91501	95737
	+	14	50517 39251		+	14	49568 68496
	-		94 70973		-		95 06750
08	.38384	41111	65700	18	.38529	41070	64233
	+	14	50422 68278		+	14	49473 61746
	-		94 74553		-		95 10328
09	.38398	91534	33978	19	.38543	90544	25979
	+	14	50327 93725		+	14	49378 51418
	-		94 78132		-		95 13904

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

25 ^c	Sine.			25 ^c	Sine.		
20'	.38558	39922	77397	30'	.38703	28469	36919
	+	14 49283	37514		+	14 48330	01839
	-	95 17479			-	95 53227	
21	.38572	89206	14911	31	.38717	76799	38758
	+	14 49188	20035		+	14 48234	48612
	-	95 21056			-	95 56799	
22	.38587	38394	34946	32	.38732	25033	87370
	+	14 49092	98979		+	14 48138	91813
	-	95 24630			-	95 60373	
23	.38601	87487	33925	33	.38746	73172	79183
	+	14 48997	74349		+	14 48043	31440
	-	95 28207			-	95 63946	
24	.38616	36485	08274	34	.38761	21216	10623
	+	14 48902	46142		+	14 47947	67494
	-	95 31781			-	95 67518	
25	.38630	85387	54416	35	.38775	69163	78117
	+	14 48807	14361		+	14 47851	99976
	-	95 35355			-	95 71092	
26	.38645	34194	68777	36	.38790	17015	78093
	+	14 48711	79006		+	14 47756	28884
	-	95 38931			-	95 74662	
27	.38659	82906	47783	37	.38804	64772	06977
	+	14 48616	40075		+	14 47660	54222
	-	95 42505			-	95 78235	
28	.38674	31522	87858	38	.38819	12432	61199
	+	14 48520	97570		+	14 47564	75987
	-	95 46079			-	95 81807	
29	.38688	80043	85428	39	.38833	59997	37186
	+	14 48425	51491		+	14 47468	94180
	-	95 49652			-	95 85378	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

25 ^c	Sine.			25 ^c	Sine.		
40'	.38848	07466	31366	50'	.38992	76877	88188
	+	14	47373 08802		+	14	46412 58641
	-		95 88950		-		96 24650
41	.38862	54839	40168	51	.39007	23290	46829
	+	14	47277 19852		+	14	46316 33991
	-		95 92520		-		96 28217
42	.38877	02116	60020	52	.39021	69606	80820
	+	14	47181 27332		+	14	46220 05774
	-		95 96091		-		96 31786
43	.38891	49297	87352	53	.39036	15826	86594
	+	14	47085 31241		+	14	46123 73988
	-		95 99662		-		96 35355
44	.38905	96383	18593	54	.39050	61950	60582
	+	14	46989 31579		+	14	46027 38633
	-		96 03232		-		96 38921
45	.38920	43372	50172	55	.39065	07977	99215
	+	14	46893 28347		+	14	45930 99712
	-		96 06802		-		96 42490
46	.38934	90265	78519	56	.39079	53908	98927
	+	14	46797 21545		+	14	45834 57222
	-		96 10372		-		96 46058
47	.38949	37063	00064	57	.39093	99743	56149
	+	14	46701 11173		+	14	45738 11164
	-		96 13942		-		96 49623
48	.38963	83764	11237	58	.39108	45481	67313
	+	14	46604 97231		+	14	45641 61541
	-		96 17511		-		96 53193
49	.38978	30369	08468	59	.39122	91123	28854
	+	14	46508 79720		+	14	45545 08348
	-		96 21079		-		96 56757

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

25 ^c	Sine.			25 ^c	Sine.		
60'	.39137	36668	37202	70'	.39281	86802	10599
	+	14 45448	51591		+	14 44480	87891
	-	96 60325			-	96 95976	
61	.39151	82116	88793	71	.39296	31282	98490
	+	14 45351	91266		+	14 44383	91915
	-	96 63891			-	96 99541	
62	.39166	27468	80059	72	.39310	75666	90405
	+	14 45255	27375		+	14 44286	92374
	-	96 67456			-	97 03104	
63	.39180	72724	07434	73	.39325	19953	82779
	+	14 45158	59919		+	14 44189	89270
	-	96 71024			-	97 06668	
64	.39195	17882	67353	74	.39339	64143	72049
	+	14 45061	88895		+	14 44092	82602
	-	96 74588			-	97 10230	
65	.39209	62944	56248	75	.39354	08236	54651
	+	14 44965	14307		+	14 43995	72372
	-	96 78153			-	97 13793	
66	.39224	07909	70555	76	.39368	52232	27023
	+	14 44868	36154		+	14 43898	58579
	-	96 81719			-	97 17357	
67	.39238	52778	06709	77	.39382	96130	85602
	+	14 44771	54435		+	14 43801	41222
	-	96 85284			-	97 20918	
68	.39252	97549	61144	78	.39397	39932	26824
	+	14 44674	69151		+	14 43704	20304
	-	96 88847			-	97 24481	
69	.39267	42224	30295	79	.39411	83636	47128
	+	14 44577	80304		+	14 43606	95823
	-	96 92413			-	97 28043	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

25°	Sine.			25°	Sine.		
80'	.39426	27243	42951	90'	.39570	57956	71223
	+	14 43509	67780		+	14 42534	91498
	-	97 31604			-	97 67209	
81	.39440	70753	10731	91	.39585	00491	62721
	+	14 43412	36176		+	14 42437	24289
	-	97 35167			-	97 70768	
82	.39455	14165	46907	92	.39599	42928	87010
	+	14 43315	01009		+	14 42339	53521
	-	97 38726			-	97 74325	
83	.39469	57480	47916	93	.39613	85268	40531
	+	14 43217	62283		+	14 42241	79196
	-	97 42289			-	97 77886	
84	.39484	00698	10199	94	.39628	27510	19727
	+	14 43120	19994		+	14 42144	01310
	-	97 45849			-	97 81443	
85	.39498	43818	30193	95	.39642	69654	21037
	+	14 43022	74145		+	14 42046	19867
	-	97 49409			-	97 85001	
86	.39512	86841	04338	96	.39657	11700	40904
	+	14 42925	24736		+	14 41948	34866
	-	97 52970			-	97 88560	
87	.39527	29766	29074	97	.39671	53648	75770
	+	14 42827	71766		+	14 41850	46306
	-	97 56529			-	97 92117	
88	.39541	72594	00840	98	.39685	95499	22076
	+	14 42730	15237		+	14 41752	54189
	-	97 60091			-	97 95673	
89	.39556	15324	16077	99	.39700	37251	76265
	+	14 42632	55146		+	14 41654	58516
	-	97 63648			-	97 99233	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

26°	Sine.			26°	Sine.		
00'	.39714	78906	34781	10'	.39858	90056	75397
	+	14	41556 59283		+	14	40574 71380
	-		98 02787		-		98 38343
01	.39729	20462	94064	11	.39873	30631	46777
	+	14	41458 56496		+	14	40476 33037
	-		98 06346		-		98 41899
02	.39743	61921	50560	12	.39887	71107	79814
	+	14	41360 50150		+	14	40377 91138
	-		98 09900		-		98 45452
03	.39758	03282	00710	13	.39902	11485	70952
	+	14	41262 40250		+	14	40279 45686
	-		98 13459		-		98 49006
04	.39772	44544	40960	14	.39916	51765	16638
	+	14	41164 26791		+	14	40180 96680
	-		98 17013		-		98 52560
05	.39786	85708	67751	15	.39930	91946	13318
	+	14	41066 09778		+	14	40082 44120
	-		98 20569		-		98 56112
06	.39801	26774	77529	16	.39945	32028	57438
	+	14	40967 89209		+	14	39983 88008
	-		98 24124		-		98 59666
07	.39815	67742	66738	17	.39959	72012	45446
	+	14	40869 65085		+	14	39885 28342
	-		98 27681		-		98 63218
08	.39830	08612	31823	18	.39974	11897	73788
	+	14	40771 37404		+	14	39786 65124
	-		98 31234		-		98 66771
09	.39844	49383	69227	19	.39988	51684	38912
	+	14	40673 06170		+	14	39687 98353
	-		98 34790		-		98 70324

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

26 ^c	Sine.			26 ^c	Sine.		
20'	.40002	91372	37265	30'	.40146	82817	67002
	+	14 39589	28029		+	14 38600	29474
	-	98 73875			-	99 09382	
21	.40017	30961	65294	31	.40161	21417	96476
	+	14 39490	54154		+	14 38501	20092
	-	98 77427			-	99 12933	
22	.40031	70452	19448	32	.40175	59919	16568
	+	14 39391	76727		+	14 38402	07159
	-	98 80979			-	99 16480	
23	.40046	09843	96175	33	.40189	98321	23727
	+	14 39292	95748		+	14 38302	90679
	-	98 84530			-	99 20029	
24	.40060	49136	91923	34	.40204	36624	14406
	+	14 39194	11218		+	14 38203	70650
	-	98 88081			-	99 23579	
25	.40074	88331	03141	35	.40218	74827	85056
	+	14 39095	23137		+	14 38104	47071
	-	98 91632			-	99 27127	
26	.40089	27426	26278	36	.40233	12932	32127
	+	14 38996	31505		+	14 38005	19944
	-	98 95183			-	99 30675	
27	.40103	66422	57783	37	.40247	50937	52071
	+	14 38897	36322		+	14 37905	89269
	-	98 98732			-	99 34222	
28	.40118	05319	94105	38	.40261	88843	41340
	+	14 38798	37590		+	14 37806	55047
	-	99 02283			-	99 37771	
29	.40132	44118	31695	39	.40276	26649	96387
	+	14 38699	35307		+	14 37707	17276
	-	99 05833			-	99 41318	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

26°	Sine.			26°	Sine.		
40'	.40290	64357	13663	50'	.40434	35955	28745
	+	14	37607 75958		+	14	36611 67727
	-		99 44865		-		99 80323
41	.40305	01964	89621	51	.40448	72566	96472
	+	14	37508 31093		+	14	36511 87404
	-		99 48411		-		99 83867
42	.40319	39473	20714	52	.40463	09078	83876
	+	14	37408 82682		+	14	36412 03537
	-		99 51959		-		99 87412
43	.40333	76882	03396	53	.40477	45490	87413
	+	14	37309 30723		+	14	36312 16125
	-		99 55505		-		99 90955
44	.40348	14191	34119	54	.40491	81803	03538
	+	14	37209 75218		+	14	36212 25170
	-		99 59051		-		99 94500
45	.40362	51401	09337	55	.40506	18015	28708
	+	14	37110 16167		+	14	36112 30670
	-		99 62598		-		99 98043
46	.40376	88511	25504	56	.40520	54127	59378
	+	14	37010 53569		+	14	36012 32627
	-		99 66141		-		100 01585
47	.40391	25521	79073	57	.40534	90139	92005
	+	14	36910 87428		+	14	35912 31042
	-		99 69690		-		100 05130
48	.40405	62432	66501	58	.40549	26052	23047
	+	14	36811 17738		+	14	35812 25912
	-		99 73232		-		100 08671
49	.40419	99243	84239	59	.40563	61864	48959
	+	14	36711 44506		+	14	35712 17241
	-		99 76779		-		100 12215

26°	Sine.			26°	Sine.		
60'	.40577	97576	66200	70'	.40721	49185	82440
	+	14 35612	05026		+	14 34608	88103
	-	100 15755			-	100 51165	
61	.40592	33188	71226	71	.40735	83794	70543
	+	14 35511	89271		+	14 34508	36938
	-	100 19300			-	100 54705	
62	.40606	68700	60497	72	.40750	18303	07481
	+	14 35411	69971		+	14 34407	82233
	-	100 22839			-	100 58244	
63	.40621	04112	30468	73	.40764	52710	89714
	+	14 35311	47132		+	14 34307	23989
	-	100 26382			-	100 61783	
64	.40635	39423	77600	74	.40778	87018	13703
	+	14 35211	20750		+	14 34206	62206
	-	100 29923			-	100 65321	
65	.40649	74634	98350	75	.40793	21224	75909
	+	14 35110	90827		+	14 34105	96885
	-	100 33464			-	100 68861	
66	.40664	09745	89177	76	.40807	55330	72794
	+	14 35010	57363		+	14 34005	28024
	-	100 37004			-	100 72398	
67	.40678	44756	46540	77	.40821	89336	00818
	+	14 34910	20359		+	14 33904	55626
	-	100 40546			-	100 75936	
68	.40692	79666	66899	78	.40836	23240	56444
	+	14 34809	79813		+	14 33803	79690
	-	100 44085			-	100 79475	
69	.40707	14476	46712	79	.40850	57044	36134
	+	14 34709	35728		+	14 33703	00215
	-	100 47625			-	100 83011	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

26°	Sine.			26°	Sine.		
80'	.40864	90747	36349	90'	.41008	22225	89288
	+	14	33602 17204		+	14	32591 92578
	-		100 86550		-		101 21909
81	.40879	24349	53553	91	.41022	54817	81866
	+	14	33501 30654		+	14	32490 70669
	-		100 90085		-		101 25442
82	.40893	57850	84207	92	.41036	87308	52535
	+	14	33400 40569		+	14	32389 45227
	-		100 93624		-		101 28977
83	.40907	91251	24776	93	.41051	19697	97762
	+	14	33299 46945		+	14	32288 16250
	-		100 97158		-		101 32512
84	.40922	24550	71721	94	.41065	51986	14012
	+	14	33198 49787		+	14	32186 83738
	-		101 00697		-		101 36043
85	.40936	57749	21508	95	.41079	84172	97750
	+	14	33097 49090		+	14	32085 47695
	-		101 04230		-		101 39579
86	.40950	90846	70598	96	.41094	16258	45445
	+	14	32996 44860		+	14	31984 08116
	-		101 07769		-		101 43111
87	.40965	23843	15458	97	.41108	48242	53561
	+	14	32895 37091		+	14	31882 65005
	-		101 11302		-		101 46645
88	.40979	56738	52549	98	.41122	80125	18566
	+	14	32794 25789		+	14	31781 18360
	-		101 14839		-		101 50177
89	.40993	89532	78338	99	.41137	11906	36926
	+	14	32693 10950		+	14	31679 68183
	-		101 18372		-		101 53710

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

27 ^c	Sine.			27 ^c	Sine.		
00'	.41151	43586	05109	10'	.41294	54792	50157
	+	14	31578 14473		+	14	30560 83141
	-		101 57242		-		101 92551
01	.41165	75164	19582	11	.41308	85353	33298
	+	14	31476 57231		+	14	30458 90590
	-		101 60774		-		101 96080
02	.41180	06640	76813	12	.41323	15812	23888
	+	14	31374 96457		+	14	30356 94510
	-		101 64306		-		101 99610
03	.41194	38015	73270	13	.41337	46169	18398
	+	14	31273 32151		+	14	30254 94900
	-		101 67837		-		102 03139
04	.41208	69289	05421	14	.41351	76424	13298
	+	14	31171 64314		+	14	30152 91761
	-		101 71369		-		102 06667
05	.41223	00460	69735	15	.41366	06577	05059
	+	14	31069 92945		+	14	30050 85094
	-		101 74900		-		102 10197
06	.41237	31530	62680	16	.41380	36627	90153
	+	14	30968 18045		+	14	29948 74897
	-		101 78430		-		102 13724
07	.41251	62498	80725	17	.41394	66576	65050
	+	14	30866 39615		+	14	29846 61173
	-		101 81961		-		102 17252
08	.41265	93365	20340	18	.41408	96423	26223
	+	14	30764 57654		+	14	29744 43921
	-		101 85491		-		102 20781
09	.41280	24129	77994	19	.41423	26167	70144
	+	14	30662 72163		+	14	29642 23140
	-		101 89022		-		102 24307

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

27 ^c	Sine.			27 ^c	Sine.		
20'	.41437	55809	93284	30'	.41580	46603	05857
	+	14	29539 98833		+	14	28515 61800
	-		102 27835		-		102 63094
21	.41451	85349	92117	31	.41594	75118	67657
	+	14	29437 70998		+	14	28412 98706
	-		102 31362		-		102 66617
22	.41466	14787	63115	32	.41609	03531	66363
	+	14	29335 39636		+	14	28310 32089
	-		102 34888		-		102 70143
23	.41480	44123	02751	33	.41623	31841	98452
	+	14	29233 04748		+	14	28207 61946
	-		102 38416		-		102 73666
24	.41494	73356	07499	34	.41637	60049	60398
	+	14	29130 66332		+	14	28104 88280
	-		102 41941		-		102 77190
25	.41509	02486	73831	35	.41651	88154	48678
	+	14	29028 24391		+	14	28002 11090
	-		102 45467		-		102 80713
26	.41523	31514	98222	36	.41666	16156	59768
	+	14	28925 78924		+	14	27899 30377
	-		102 48993		-		102 84237
27	.41537	60440	77146	37	.41680	44055	90145
	+	14	28823 29931		+	14	27796 46140
	-		102 52519		-		102 87759
28	.41551	89264	07077	38	.41694	71852	36285
	+	14	28720 77412		+	14	27693 58381
	-		102 56044		-		102 91282
29	.41566	17984	84489	39	.41708	99545	94666
	+	14	28618 21368		+	14	27590 67099
	-		102 59568		-		102 94804

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

27 ^c	Sine.			27 ^c	Sine.		
40'	.41723	27136	61765	50'	.41865	97375	37428
	+	14	27487 72295		+	14	26456 30571
	-		102 98328		-		103 33535
41	.41737	54624	34060	51	.41880	23831	67999
	+	14	27384 73967		+	14	26352 97036
	-		103 01848		-		103 37054
42	.41751	82009	08027	52	.41894	50184	65035
	+	14	27281 72119		+	14	26249 59982
	-		103 05370		-		103 40573
43	.41766	09290	80146	53	.41908	76434	25017
	+	14	27178 66749		+	14	26146 19409
	-		103 08892		-		103 44092
44	.41780	36469	46895	54	.41923	02580	44426
	+	14	27075 57857		+	14	26042 75317
	-		103 12413		-		103 47610
45	.41794	63545	04752	55	.41937	28623	19743
	+	14	26972 45444		+	14	25939 27707
	-		103 15934		-		103 51130
46	.41808	90517	50196	56	.41951	54562	47450
	+	14	26869 29510		+	14	25835 76577
	-		103 19454		-		103 54646
47	.41823	17386	79706	57	.41965	80398	24027
	+	14	26766 10056		+	14	25732 21931
	-		103 22976		-		103 58166
48	.41837	44152	89762	58	.41980	06130	45958
	+	14	26662 87080		+	14	25628 63765
	-		103 26494		-		103 61682
49	.41851	70815	76842	59	.41994	31759	09723
	+	14	26559 60586		+	14	25525 02083
	-		103 30015		-		103 65200

27 ^c	Sine.			27 ^c	Sine.		
60'	.42008	57284	11806	70'	.42151	06827	66409
	+	14	25421 36883		+	14	24382 91487
	-		103 68716		-		104 03874
61	.42022	82705	48689	71	.42165	31210	57896
	+	14	25317 68167		+	14	24278 87613
	-		103 72235		-		104 07387
62	.42037	08023	16856	72	.42179	55489	45509
	+	14	25213 95932		+	14	24174 80226
	-		103 75750		-		104 10903
63	.42051	33237	12788	73	.42193	79664	25735
	+	14	25110 20182		+	14	24070 69323
	-		103 79267		-		104 14416
64	.42065	58347	32970	74	.42208	03734	95058
	+	14	25006 40915		+	14	23966 54907
	-		103 82782		-		104 17928
65	.42079	83353	73885	75	.42222	27701	49965
	+	14	24902 58133		+	14	23862 36979
	-		103 86299		-		104 21444
66	.42094	08256	32018	76	.42236	51563	86944
	+	14	24798 71834		+	14	23758 15535
	-		103 89814		-		104 24954
67	.42108	33055	03852	77	.42250	75322	02479
	+	14	24694 82020		+	14	23653 90581
	-		103 93329		-		104 28469
68	.42122	57749	85872	78	.42264	98975	93060
	+	14	24590 88691		+	14	23549 62112
	-		103 96845		-		104 31981
69	.42136	82340	74563	79	.42279	22525	55172
	+	14	24486 91846		+	14	23445 30131
	-		104 00359		-		104 35492

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

27 ^c	Sine.			27 ^c	Sine.		
80'	.42293	45970	85303	90'	.42435	74678	55122
	+	14	23340 94639		+	14	22295 46595
	-		104 39005		-		104 74111
81	.42307	69311	79942	91	.42449	96974	01717
	+	14	23236 55634		+	14	22190 72484
	-		104 42517		-		104 77618
82	.42321	92548	35576	92	.42464	19164	74201
	+	14	23132 13117		+	14	22085 94866
	-		104 46028		-		104 81129
83	.42336	15680	48693	93	.42478	41250	69067
	+	14	23027 67089		+	14	21981 13737
	-		104 49539		-		104 84637
84	.42350	38708	15782	94	.42492	63231	82804
	+	14	22923 17550		+	14	21876 29100
	-		104 53050		-		104 88144
85	.42364	61631	33332	95	.42506	85108	11904
	+	14	22818 64500		+	14	21771 40956
	-		104 56561		-		104 91654
86	.42378	84449	97832	96	.42521	06879	52860
	+	14	22714 07939		+	14	21666 49302
	-		104 60071		-		104 95161
87	.42393	07164	05771	97	.42535	28546	02162
	+	14	22609 47868		+	14	21561 54141
	-		104 63581		-		104 98668
88	.42407	29773	53639	98	.42549	50107	56303
	+	14	22504 84287		+	14	21456 55473
	-		104 67091		-		105 02176
89	.42421	52278	37926	99	.42563	71564	11776
	+	14	22400 17196		+	14	21351 53297
	-		104 70601		-		105 05683

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

28 ^c	Sine.			28 ^c	Sine.		
00'	.42577	92915	65073	10'	.42720	00647	06947
	+	14	21246 47614		+	14	20193 97954
	-		105 09190		-		105 44242
01	.42592	14162	12687	11	.42734	20841	04901
	+	14	21141 38424		+	14	20088 53712
	-		105 12696		-		105 47748
02	.42606	35303	51111	12	.42748	40929	58613
	+	14	21036 25728		+	14	19983 05964
	-		105 16203		-		105 51251
03	.42620	56339	76839	13	.42762	60912	64577
	+	14	20931 09525		+	14	19877 54713
	-		105 19708		-		105 54754
04	.42634	77270	86364	14	.42776	80790	19290
	+	14	20825 89817		+	14	19771 99959
	-		105 23214		-		105 58258
05	.42648	98096	76181	15	.42791	00562	19249
	+	14	20720 66603		+	14	19666 41701
	-		105 26720		-		105 61759
06	.42663	18817	42784	16	.42805	20228	60950
	+	14	20615 39883		+	14	19560 79942
	-		105 30225		-		105 65264
07	.42677	39432	82667	17	.42819	39789	40892
	+	14	20510 09658		+	14	19455 14678
	-		105 33730		-		105 68765
08	.42691	59942	92325	18	.42833	59244	55570
	+	14	20404 75928		+	14	19349 45913
	-		105 37234		-		105 72268
09	.42705	80347	68253	19	.42847	78594	01483
	+	14	20299 38694		+	14	19243 73645
	-		105 40740		-		105 75768

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

28 ^c	Sine.			28 ^c	Sine.		
20'	.42861	97837	75128	30'	.43003	84452	66601
	+	14	19137 97877		+	14	18078 47640
	-		105 79272		-		106 14272
21	.42876	16975	73005	31	.43018	02531	14241
	+	14	19032 18605		+	14	17972 33368
	-		105 82771		-		106 17771
22	.42890	36007	91610	32	.43032	20503	47609
	+	14	18926 35834		+	14	17866 15597
	-		105 86274		-		106 21270
23	.42904	54934	27444	33	.43046	38369	63206
	+	14	18820 49560		+	14	17759 94327
	-		105 89774		-		106 24767
24	.42918	73754	77004	34	.43060	56129	57533
	+	14	18714 59786		+	14	17653 69560
	-		105 93274		-		106 28266
25	.42932	92469	36790	35	.43074	73783	27093
	+	14	18608 66512		+	14	17547 41294
	-		105 96776		-		106 31763
26	.42947	11078	03302	36	.43088	91330	68387
	+	14	18502 69736		+	14	17441 09531
	-		106 00274		-		106 35261
27	.42961	29580	73038	37	.43103	08771	77918
	+	14	18396 69462		+	14	17334 74270
	-		106 03774		-		106 38757
28	.42975	47977	42500	38	.43117	26106	52188
	+	14	18290 65688		+	14	17228 35513
	-		106 07275		-		106 42255
29	.42989	66268	08188	39	.43131	43334	87701
	+	14	18184 58413		+	14	17121 93258
	-		106 10773		-		106 45751

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

28 ^c	Sine.			28 ^c	Sine.		
40'	.43145	60456	80959	50'	.43287	25815	20414
	+	14	17015 47507		+	14	15948 97739
	-		106 49248		-		106 84196
41	.43159	77472	28466	51	.43301	41764	18153
	+	14	16908 98259		+	14	15842 13543
	-		106 52743		-		106 87690
42	.43173	94381	26725	52	.43315	57606	31696
	+	14	16802 45516		+	14	15735 25853
	-		106 56240		-		106 91183
43	.43188	11183	72241	53	.43329	73341	57549
	+	14	16695 89276		+	14	15628 34670
	-		106 59734		-		106 94677
44	.43202	27879	61517	54	.43343	88969	92219
	+	14	16589 29542		+	14	15521 39993
	-		106 63231		-		106 98168
45	.43216	44468	91059	55	.43358	04491	32212
	+	14	16482 66311		+	14	15414 41825
	-		106 66726		-		107 01661
46	.43230	60951	57370	56	.43372	19905	74037
	+	14	16375 99585		+	14	15307 40164
	-		106 70219		-		107 05154
47	.43244	77327	56955	57	.43386	35213	14201
	+	14	16269 29366		+	14	15200 35010
	-		106 73715		-		107 08645
48	.43258	93596	86321	58	.43400	50413	49211
	+	14	16162 55651		+	14	15093 26365
	-		106 77209		-		107 12136
49	.43273	09759	41972	59	.43414	65506	75576
	+	14	16055 78442		+	14	14986 14229
	-		106 80703		-		107 15629

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

28 ^c	Sine.			28 ^c	Sine.		
60'	.43428	80492	89805	70'	.43570	24454	96605
	+	14	14878 98600		+	14	13805 50354
	-		107 19119		-		107 54015
61	.43442	95371	88405	71	.43584	38260	46959
	+	14	14771 79481		+	14	13697 96339
	-		107 22609		-		107 57504
62	.43457	10143	67886	72	.43598	51958	43298
	+	14	14664 56872		+	14	13590 38835
	-		107 26102		-		107 60991
63	.43471	24808	24758	73	.43612	65548	82133
	+	14	14557 30770		+	14	13482 77844
	-		107 29590		-		107 64479
64	.43485	39365	55528	74	.43626	79031	59977
	+	14	14450 01180		+	14	13375 13365
	-		107 33081		-		107 67966
65	.43499	53815	56708	75	.43640	92406	73342
	+	14	14342 68099		+	14	13267 45399
	-		107 36570		-		107 71454
66	.43513	68158	24807	76	.43655	05674	18741
	+	14	14235 31529		+	14	13159 73945
	-		107 40060		-		107 74941
67	.43527	82393	56336	77	.43669	18833	92686
	+	14	14127 91469		+	14	13051 99004
	-		107 43550		-		107 78426
68	.43541	96521	47805	78	.43683	31885	91690
	+	14	14020 47919		+	14	12944 20578
	-		107 47038		-		107 81913
69	.43556	10541	95724	79	.43697	44830	12268
	+	14	13913 00881		+	14	12836 38665
	-		107 50527		-		107 85400

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

28 ^c	Sine.			28 ^c	Sine.				
80'	.43711	57666	50933	90'	.43852	80092	65559		
	+	14	12728	53265		+	14	11648	07600
	-		107	88884		-		108	23728
81	.43725	70395	04198	91	.43866	91740	73159		
	+	14	12620	64381		+	14	11539	83872
	-		107	92371		-		108	27211
82	.43739	83015	68579	92	.43881	03280	57031		
	+	14	12512	72010		+	14	11431	56661
	-		107	95856		-		108	30693
83	.43753	95528	40589	93	.43895	14712	13692		
	+	14	12404	76154		+	14	11323	25968
	-		107	99340		-		108	34176
84	.43768	07933	16743	94	.43909	26035	39660		
	+	14	12296	76814		+	14	11214	91792
	-		108	02826		-		108	37657
85	.43782	20229	93557	95	.43923	37250	31452		
	+	14	12188	73988		+	14	11106	54135
	-		108	06310		-		108	41141
86	.43796	32418	67545	96	.43937	48356	85587		
	+	14	12080	67678		+	14	10998	12994
	-		108	09793		-		108	44620
87	.43810	44499	35223	97	.43951	59354	98581		
	+	14	11972	57885		+	14	10889	68374
	-		108	13279		-		108	48102
88	.43824	56471	93108	98	.43965	70244	66955		
	+	14	11864	44606		+	14	10781	20272
	-		108	16761		-		108	51584
89	.43838	68336	37714	99	.43979	81025	87227		
	+	14	11756	27845		+	14	10672	68688
	-		108	20245		-		108	55063

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

29°	Sine.			29°	Sine.		
00'	.43993	91698	55915	10'	.44134	92449	40103
	+	14	10564 13625		+	14	09476 71606
	-		108 58545		-		108 93334
01	.44008	02262	69540	11	.44149	01926	11709
	+	14	10455 55080		+	14	09367 78272
	-		108 62025		-		108 96811
02	.44022	12718	24620	12	.44163	11293	89981
	+	14	10346 93055		+	14	09258 81461
	-		108 65503		-		109 00288
03	.44036	23065	17675	13	.44177	20552	71442
	+	14	10238 27552		+	14	09149 81173
	-		108 68985		-		109 03766
04	.44050	33303	45227	14	.44191	29702	52615
	+	14	10129 58567		+	14	09040 77407
	-		108 72463		-		109 07242
05	.44064	43433	03794	15	.44205	38743	30022
	+	14	10020 86104		+	14	08931 70165
	-		108 75942		-		109 10719
06	.44078	53453	89898	16	.44219	47675	00187
	+	14	09912 10162		+	14	08822 59446
	-		108 79422		-		109 14194
07	.44092	63366	00060	17	.44233	56497	59633
	+	14	09803 30740		+	14	08713 45252
	-		108 82900		-		109 17671
08	.44106	73169	30800	18	.44247	65211	04885
	+	14	09694 47840		+	14	08604 27581
	-		108 86377		-		109 21145
09	.44120	82863	78640	19	.44261	73815	32466
	+	14	09585 61463		+	14	08495 06436
	-		108 89857		-		109 24623

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

29 ^c	Sine.			29 ^c	Sine.		
20'	.44275	82310	38902	30'	.44416	61246	75779
	+	14 08385	81813		+	14 07291	44515
	-	109 28096			-	109 62831	
21	.44289	90696	20715	31	.44430	68538	20294
	+	14 08276	53717		+	14 07181	81684
	-	109 31571			-	109 66304	
22	.44303	98972	74432	32	.44444	75720	01978
	+	14 08167	22146		+	14 07072	15380
	-	109 35046			-	109 69777	
23	.44318	07139	96578	33	.44458	82792	17358
	+	14 08057	87100		+	14 06962	45603
	-	109 38520			-	109 73247	
24	.44332	15197	83678	34	.44472	89754	62961
	+	14 07948	48580		+	14 06852	72356
	-	109 41994			-	109 76719	
25	.44346	23146	32258	35	.44486	96607	35317
	+	14 07839	06586		+	14 06742	95637
	-	109 45467			-	109 80190	
26	.44360	30985	38844	36	.44501	03350	30954
	+	14 07729	61119		+	14 06633	15447
	-	109 48942			-	109 83661	
27	.44374	38714	99963	37	.44515	09983	46401
	+	14 07620	12177		+	14 06523	31786
	-	109 52414			-	109 87131	
28	.44388	46335	12140	38	.44529	16506	78187
	+	14 07510	59763		+	14 06413	44655
	-	109 55887			-	109 90601	
29	.44402	53845	71903	39	.44543	22920	22842
	+	14 07401	03876		+	14 06303	54054
	-	109 59361			-	109 94071	

29°	Sine.			29°	Sine.		
40'	.44557	29223	76896	50'	.44697	86206	71121
	+	14 06193	59983		+	14 05092	28486
	-	109 97541			-	110 32223	
41	.44571	35417	36879	51	.44711	91298	99607
	+	14 06083	62442		+	14 04981	96263
	-	110 01010			-	110 35689	
42	.44585	41500	99321	52	.44725	96280	95870
	+	14 05973	61432		+	14 04871	60574
	-	110 04479			-	110 39155	
43	.44599	47474	60753	53	.44740	01152	56444
	+	14 05863	56953		+	14 04761	21419
	-	110 07949			-	110 42621	
44	.44613	53338	17706	54	.44754	05913	77863
	+	14 05753	49004		+	14 04650	78798
	-	110 11416			-	110 46088	
45	.44627	59091	66710	55	.44768	10564	56661
	+	14 05643	37588		+	14 04540	32710
	-	110 14885			-	110 49552	
46	.44641	64735	04298	56	.44782	15104	89371
	+	14 05533	22703		+	14 04429	83158
	-	110 18353			-	110 53019	
47	.44655	70268	27001	57	.44796	19534	72529
	+	14 05423	04350		+	14 04319	30139
	-	110 21821			-	110 56483	
48	.44669	75691	31351	58	.44810	23854	02668
	+	14 05312	82529		+	14 04208	73656
	-	110 25288			-	110 59948	
49	.44683	81004	13880	59	.44824	28062	76324
	+	14 05202	57241		+	14 04098	13708
	-	110 28755			-	110 63412	

29°	Sine.			29°	Sine.		
60'	.44838	32160	90032	70'	.44978	67051	67930
	+	14 03987	50296		+	14 02879	25686
	-	110 66877			-	111 01503	
61	.44852	36148	40328	71	.44992	69930	93616
	+	14 03876	83419		+	14 02768	24183
	-	110 70340			-	111 04966	
62	.44866	40025	23747	72	.45006	72699	17799
	+	14 03766	13079		+	14 02657	19217
	-	110 73804			-	111 08425	
63	.44880	43791	36826	73	.45020	75356	37016
	+	14 03655	39275		+	14 02546	10792
	-	110 77268			-	111 11886	
64	.44894	47446	76101	74	.45034	77902	47808
	+	14 03544	62007		+	14 02434	98906
	-	110 80731			-	111 15347	
65	.44908	50991	38108	75	.45048	80337	46714
	+	14 03433	81276		+	14 02323	83559
	-	110 84193			-	111 18806	
66	.44922	54425	19384	76	.45062	82661	30273
	+	14 03322	97083		+	14 02212	64753
	-	110 87656			-	111 22268	
67	.44936	57748	16467	77	.45076	84873	95026
	+	14 03212	09427		+	14 02101	42485
	-	110 91119			-	111 25725	
68	.44950	60960	25894	78	.45090	86975	37511
	+	14 03101	18308		+	14 01990	16760
	-	110 94580			-	111 29186	
69	.44964	64061	44202	79	.45104	88965	54271
	+	14 02990	23728		+	14 01878	87574
	-	110 98042			-	111 32644	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

29 ^c	Sine.			29 ^c	Sine.		
80'	.45118	90844	41845	90'	.45259	03504	51545
	+	14 01767	54930		+	14 00652	38302
	-	111 36104			-	111 70676	
81	.45132	92611	96775	91	.45273	04156	89847
	+	14 01656	18826		+	14 00540	67626
	-	111 39561			-	111 74131	
82	.45146	94268	15601	92	.45287	04697	57473
	+	14 01544	79265		+	14 00428	93495
	-	111 43019			-	111 77586	
83	.45160	95812	94866	93	.45301	05126	50968
	+	14 01433	36246		+	14 00317	15909
	-	111 46479			-	111 81042	
84	.45174	97246	31112	94	.45315	05443	66877
	+	14 01321	89767		+	14 00205	34867
	-	111 49934			-	111 84496	
85	.45188	98568	20879	95	.45329	05649	01744
	+	14 01210	39833		+	14 00093	50371
	-	111 53394			-	111 87951	
86	.45202	99778	60712	96	.45343	05742	52115
	+	14 01098	86439		+	13 99981	62420
	-	111 56849			-	111 91406	
87	.45217	00877	47151	97	.45357	05724	14535
	+	14 00987	29590		+	13 99869	71014
	-	111 60306			-	111 94858	
88	.45231	01864	76741	98	.45371	05593	85549
	+	14 00875	69284		+	13 99757	76156
	-	111 63764			-	111 98314	
89	.45245	02740	46025	99	.45385	05351	61705
	+	14 00764	05520		+	13 99645	77842
	-	111 67218			-	112 01767	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

30°	Sine.			30°	Sine.		
00'	.45399	04997	39547	10'	.45538	95288	51120
	+	13	99533 76075		+	13	98411 68529
	-		112 05219		-		112 39737
01	.45413	04531	15622	11	.45552	93700	19649
	+	13	99421 70856		+	13	98299 28792
	-		112 08672		-		112 43186
02	.45427	03952	86478	12	.45566	91999	48441
	+	13	99309 62184		+	13	98186 85606
	-		112 12127		-		112 46637
03	.45441	03262	48662	13	.45580	90186	34047
	+	13	99197 50057		+	13	98074 38969
	-		112 15576		-		112 50086
04	.45455	02459	98719	14	.45594	88260	73016
	+	13	99085 34481		+	13	97961 88883
	-		112 19031		-		112 53537
05	.45469	01545	33200	15	.45608	86222	61899
	+	13	98973 15450		+	13	97849 35346
	-		112 22482		-		112 56983
06	.45483	00518	48650	16	.45622	84071	97245
	+	13	98860 92968		+	13	97736 78363
	-		112 25932		-		112 60435
07	.45496	99379	41618	17	.45636	81808	75608
	+	13	98748 67036		+	13	97624 17928
	-		112 29385		-		112 63881
08	.45510	98128	08654	18	.45650	79432	93536
	+	13	98636 37651		+	13	97511 54047
	-		112 32836		-		112 67331
09	.45524	96764	46305	19	.45664	76944	47583
	+	13	98524 04815		+	13	97398 86716
	-		112 36286		-		112 70777

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

30°	Sine.			30°	Sine.		
20'	.45678	74343	34299	30'	.45818	42127	39893
	+	13 97286	15939		+	13 96157	18581
	-	112 74227			-	113 08687	
21	.45692	71629	50238	31	.45832	38284	58474
	+	13 97173	41712		+	13 96044	09894
	-	112 77672			-	113 12132	
22	.45706	68802	91950	32	.45846	34328	68368
	+	13 97060	64040		+	13 95930	97762
	-	112 81121			-	113 15576	
23	.45720	65863	55990	33	.45860	30259	66130
	+	13 96947	82919		+	13 95817	82186
	-	112 84568			-	113 19020	
24	.45734	62811	38909	34	.45874	26077	48316
	+	13 96834	98351		+	13 95704	63166
	-	112 88012			-	113 22464	
25	.45748	59646	37260	35	.45888	21782	11482
	+	13 96722	10339		+	13 95591	40702
	-	112 91461			-	113 25907	
26	.45762	56368	47599	36	.45902	17373	52184
	+	13 96609	18878		+	13 95478	14795
	-	112 94906			-	113 29351	
27	.45776	52977	66477	37	.45916	12851	66979
	+	13 96496	23972		+	13 95364	85444
	-	112 98352			-	113 32794	
28	.45790	49473	90449	38	.45930	08216	52423
	+	13 96383	25620		+	13 95251	52650
	-	113 01796			-	113 36235	
29	.45804	45857	16069	39	.45944	03468	05073
	+	13 96270	23824		+	13 95138	16415
	-	113 05243			-	113 39679	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

30°	Sine.			30°	Sine.		
40'	.45957	98606	21488	50'	.46097	43745	35462
	+	13 95024	76736		+	13 93888	90683
	-	113 43121			-	113 77527	
41	.45971	93630	98224	51	.46111	37634	26145
	+	13 94911	33615		+	13 93775	13156
	-	113 46562			-	113 80965	
42	.45985	88542	31839	52	.46125	31409	39301
	+	13 94797	87053		+	13 93661	32191
	-	113 50004			-	113 84404	
43	.45999	83340	18892	53	.46139	25070	71492
	+	13 94684	37049		+	13 93547	47787
	-	113 53445			-	113 87841	
44	.46013	78024	55941	54	.46153	18618	19279
	+	13 94570	83604		+	13 93433	59946
	-	113 56886			-	113 91281	
45	.46027	72595	39545	55	.46167	12051	79225
	+	13 94457	26718		+	13 93319	68665
	-	113 60328			-	113 94719	
46	.46041	67052	66263	56	.46181	05371	47890
	+	13 94343	66390		+	13 93205	73946
	-	113 63766			-	113 98155	
47	.46055	61396	32653	57	.46194	98577	21836
	+	13 94230	02624		+	13 93091	75791
	-	113 67208			-	114 01594	
48	.46069	55626	35277	58	.46208	91668	97627
	+	13 94116	35416		+	13 92977	74197
	-	113 70647			-	114 05029	
49	.46083	49742	70693	59	.46222	84646	71824
	+	13 94002	64769		+	13 92863	69168
	-	113 74086			-	114 08468	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

30°	Sine.			30°	Sine.		
60'	.46236	77510	40992	70'	.46375	99867	00058
	+	13 92749	60700		+	13 91606	87072
	-	114 11903			-	114 46254	
61	.46250	70260	01692	71	.46389	91473	87130
	+	13 92635	48797		+	13 91492	40818
	-	114 15339			-	114 49685	
62	.46264	62895	50489	72	.46403	82966	27948
	+	13 92521	33458		+	13 91377	91133
	-	114 18777			-	114 53119	
63	.46278	55416	83947	73	.46417	74344	19081
	+	13 92407	14681		+	13 91263	38014
	-	114 22210			-	114 56552	
64	.46292	47823	98628	74	.46431	65607	57095
	+	13 92292	92471		+	13 91148	81462
	-	114 25647			-	114 59985	
65	.46306	40116	91099	75	.46445	56756	38557
	+	13 92178	66824		+	13 91034	21477
	-	114 29081			-	114 63416	
66	.46320	32295	57923	76	.46459	47790	60034
	+	13 92064	37743		+	13 90919	58061
	-	114 32517			-	114 66849	
67	.46334	24359	95666	77	.46473	38710	18095
	+	13 91950	05226		+	13 90804	91212
	-	114 35950			-	114 70281	
68	.46348	16310	00892	78	.46487	29515	09307
	+	13 91835	69276		+	13 90690	20931
	-	114 39386			-	114 73711	
69	.46362	08145	70168	79	.46501	20205	30238
	+	13 91721	29890		+	13 90575	47220
	-	114 42818			-	114 77142	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

30°	Sine.			30°	Sine.		
80'	.46515	10780	77458	90'	.46654	10217	40813
	+	13	90460 70078		+	13	89311 10000
	-		114 80575		-		115 14865
81	.46529	01241	47536	91	.46667	99528	50813
	+	13	90345 89503		+	13	89195 95135
	-		114 84003		-		115 18295
82	.46542	91587	37039	92	.46681	88724	45948
	+	13	90231 05500		+	13	89080 76840
	-		114 87435		-		115 21720
83	.46556	81818	42539	93	.46695	77805	22788
	+	13	90116 18065		+	13	88965 55120
	-		114 90865		-		115 25150
84	.46570	71934	60604	94	.46709	66770	77908
	+	13	90001 27200		+	13	88850 29970
	-		114 94293		-		115 28575
85	.46584	61935	87804	95	.46723	55621	07878
	+	13	89886 32907		+	13	88735 01395
	-		114 97724		-		115 32001
86	.46598	51822	20711	96	.46737	44356	09273
	+	13	89771 35183		+	13	88619 69394
	-		115 01152		-		115 35429
87	.46612	41593	55894	97	.46751	32975	78667
	+	13	89656 34031		+	13	88504 33965
	-		115 04582		-		115 38855
88	.46626	31249	89925	98	.46765	21480	12632
	+	13	89541 29449		+	13	88388 95110
	-		115 08010		-		115 42279
89	.46640	20791	19374	99	.46779	09869	07742
	+	13	89426 21439		+	13	88273 52831
	-		115 11439		-		115 45705

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

31 ^c	Sine.			31 ^c	Sine.		
00'	.46792	98142	60573	10'	.46931	74522	10033
	+	13	88158 07126		+	13	87001 61736
	-		115 49131		-		115 83366
01	.46806	86300	67699	11	.46945	61523	71769
	+	13	88042 57995		+	13	86885 78370
	-		115 52555		-		115 86789
02	.46820	74343	25694	12	.46959	48409	50139
	+	13	87927 05440		+	13	86769 91581
	-		115 55981		-		115 90209
03	.46834	62270	31134	13	.46973	35179	41720
	+	13	87811 49459		+	13	86654 01372
	-		115 59403		-		115 93632
04	.46848	50081	80593	14	.46987	21833	43092
	+	13	87695 90056		+	13	86538 07740
	-		115 62829		-		115 97052
05	.46862	37777	70649	15	.47001	08371	50832
	+	13	87580 27227		+	13	86422 10688
	-		115 66252		-		116 00474
06	.46876	25357	97876	16	.47014	94793	61520
	+	13	87464 60975		+	13	86306 10214
	-		115 69675		-		116 03893
07	.46890	12822	58851	17	.47028	81099	71734
	+	13	87348 91300		+	13	86190 06321
	-		115 73098		-		116 07315
08	.46904	00171	50151	18	.47042	67289	78055
	+	13	87233 18202		+	13	86073 99006
	-		115 76522		-		116 10734
09	.46917	87404	68353	19	.47056	53363	77061
	+	13	87117 41680		+	13	85957 88272
	-		115 79944		-		116 14155

31 ^c	Sine.			31 ^c	Sine.		
20'	.47070	39321	65333	30'	.47208	92507	05471
	+	13 85841	74117		+	13 84678	44557
	-	116 17572			-	116 51752	
21	.47084	25163	39450	31	.47222	77185	50028
	+	13 85725	56545		+	13 84561	92805
	-	116 20993			-	116 55168	
22	.47098	10888	95995	32	.47236	61747	42833
	+	13 85609	35552		+	13 84445	37637
	-	116 24412			-	116 58585	
23	.47111	96498	31547	33	.47250	46192	80470
	+	13 85493	11140		+	13 84328	79052
	-	116 27829			-	116 61999	
24	.47125	81991	42687	34	.47264	30521	59522
	+	13 85376	83311		+	13 84212	17053
	-	116 31249			-	116 65415	
25	.47139	67368	25998	35	.47278	14733	76575
	+	13 85260	52062		+	13 84095	51638
	-	116 34666			-	116 68831	
26	.47153	52628	78060	36	.47291	98829	28213
	+	13 85144	17396		+	13 83978	82807
	-	116 38084			-	116 72245	
27	.47167	37772	95456	37	.47305	82808	11020
	+	13 85027	79312		+	13 83862	10562
	-	116 41501			-	116 75660	
28	.47181	22800	74768	38	.47319	66670	21582
	+	13 84911	37811		+	13 83745	34902
	-	116 44919			-	116 79074	
29	.47195	07712	12579	39	.47333	50415	56484
	+	13 84794	92892		+	13 83628	55828
	-	116 48335			-	116 82488	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

31°	Sine.			31°	Sine.		
40'	.47347	34044	12312	50'	.47485	63898	70595
	+	13	83511 73340		+	13	82341 60755
	-		116 85901		-		117 20021
41	.47361	17555	85652	51	.47499	46240	31350
	+	13	83394 87439		+	13	82224 40734
	-		116 89315		-		117 23434
42	.47375	00950	73091	52	.47513	28464	72084
	+	13	83277 98124		+	13	82107 17300
	-		116 92729		-		117 26843
43	.47388	84228	71215	53	.47527	10571	89384
	+	13	83161 05395		+	13	81989 90457
	-		116 96140		-		117 30253
44	.47402	67389	76610	54	.47540	92561	79841
	+	13	83044 09255		+	13	81872 60204
	-		116 99554		-		117 33663
45	.47416	50433	85865	55	.47554	74434	40045
	+	13	82927 09701		+	13	81755 26541
	-		117 02966		-		117 37072
46	.47430	33360	95566	56	.47568	56189	66586
	+	13	82810 06735		+	13	81637 89469
	-		117 06377		-		117 40482
47	.47444	16171	02301	57	.47582	37827	56055
	+	13	82693 00358		+	13	81520 48987
	-		117 09790		-		117 43889
48	.47457	98864	02659	58	.47596	19348	05042
	+	13	82575 90568		+	13	81403 05098
	-		117 13200		-		117 47299
49	.47471	81439	93227	59	.47610	00751	10140
	+	13	82458 77368		+	13	81285 57799
	-		117 16613		-		117 50706

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

31 ^c	Sine.			31 ^c	Sine.		
60'	.47623	82036	67939	70'	.47761	88423	94858
	+	13	81168 07093		+	13	79991 12639
	-		117 54115		-		117 88177
61	.47637	63204	75032	71	.47775	68415	07497
	+	13	81050 52978		+	13	79873 24462
	-		117 57523		-		117 91582
62	.47651	44255	28010	72	.47789	48288	31959
	+	13	80932 95455		+	13	79755 32880
	-		117 60928		-		117 94987
63	.47665	25188	23465	73	.47803	28043	64839
	+	13	80815 34527		+	13	79637 37893
	-		117 64338		-		117 98391
64	.47679	06003	57992	74	.47817	07681	02732
	+	13	80697 70189		+	13	79519 39502
	-		117 67742		-		118 01794
65	.47692	86701	28181	75	.47830	87200	42234
	+	13	80580 02447		+	13	79401 37708
	-		117 71150		-		118 05198
66	.47706	67281	30628	76	.47844	66601	79942
	+	13	80462 31297		+	13	79283 32510
	-		117 74556		-		118 08602
67	.47720	47743	61925	77	.47858	45885	12452
	+	13	80344 56741		+	13	79165 23908
	-		117 77962		-		118 12004
68	.47734	28088	18666	78	.47872	25050	36360
	+	13	80226 78779		+	13	79047 11904
	-		117 81366		-		118 15407
69	.47748	08314	97445	79	.47886	04097	48264
	+	13	80108 97413		+	13	78928 96497
	-		117 84774		-		118 18809

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

31 ^c	Sine.			31 ^c	Sine.		
80'	.47899	83026	44761	90'	.48037	65810	13969
	+	13 78810	77688		+	13 77627	02527
	-	118 22212			-	118 56215	
81	.47913	61837	22449	91	.48051	43437	16496
	+	13 78692	55476		+	13 77508	46312
	-	118 25613			-	118 59616	
82	.47927	40529	77925	92	.48065	20945	62808
	+	13 78574	29863		+	13 77389	86696
	-	118 29015			-	118 63013	
83	.47941	19104	07788	93	.48078	98335	49504
	+	13 78456	00848		+	13 77271	23683
	-	118 32416			-	118 66412	
84	.47954	97560	08636	94	.48092	75606	73187
	+	13 78337	68432		+	13 77152	57271
	-	118 35817			-	118 69810	
85	.47968	75897	77068	95	.48106	52759	30458
	+	13 78219	32615		+	13 77033	87461
	-	118 39217			-	118 73207	
86	.47982	54117	09683	96	.48120	29793	17919
	+	13 78100	93398		+	13 76915	14254
	-	118 42617			-	118 76606	
87	.47996	32218	03081	97	.48134	06708	32173
	+	13 77982	50781		+	13 76796	37648
	-	118 46019			-	118 80001	
88	.48010	10200	53862	98	.48147	83504	69821
	+	13 77864	04762		+	13 76677	57647
	-	118 49417			-	118 83400	
89	.48023	88064	58624	99	.48161	60182	27468
	+	13 77745	55345		+	13 76558	74247
	-	118 52818			-	118 86795	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

32°	Sine.			32°	Sine.		
00'	.48175	36741	01715	10'	.48312	95785	10161
	+	13 76439	87452		+	13 75249	32753
	-	118 90191			-	119 24137	
01	.48189	13180	89167	11	.48326	71034	42914
	+	13 76320	97261		+	13 75130	08616
	-	118 93588			-	119 27531	
02	.48202	89501	86428	12	.48340	46164	51530
	+	13 76202	03673		+	13 75010	81085
	-	118 96984			-	119 30923	
03	.48216	65703	90101	13	.48354	21175	32615
	+	13 76083	06689		+	13 74891	50162
	-	119 00378			-	119 34317	
04	.48230	41786	96790	14	.48367	96066	82777
	+	13 75964	06311		+	13 74772	15845
	-	119 03773			-	119 37707	
05	.48244	17751	03101	15	.48381	70838	98622
	+	13 75845	02538		+	13 74652	78138
	-	119 07169			-	119 41100	
06	.48257	93596	05639	16	.48395	45491	76760
	+	13 75725	95369		+	13 74533	37038
	-	119 10563			-	119 44492	
07	.48271	69322	01008	17	.48409	20025	13798
	+	13 75606	84806		+	13 74413	92546
	-	119 13957			-	119 47882	
08	.48285	44928	85814	18	.48422	94439	06344
	+	13 75487	70849		+	13 74294	44664
	-	119 17351			-	119 51274	
09	.48299	20416	56663	19	.48436	68733	51008
	+	13 75368	53498		+	13 74174	93390
	-	119 20745			-	119 54664	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

32°	Sine.			32°	Sine.		
20'	.48450	42908	44398	30'	.48587	78077	12461
	+	13 74055	38726		+	13 72858	05663
	-	119 58055			-	119 91940	
21	.48464	16963	83124	31	.48601	50935	18124
	+	13 73935	80671		+	13 72738	13723
	-	119 61444			-	119 95330	
22	.48477	90899	63795	32	.48615	23673	31847
	+	13 73816	19227		+	13 72618	18393
	-	119 64834			-	119 98715	
23	.48491	64715	83022	33	.48628	96291	50240
	+	13 73696	54393		+	13 72498	19678
	-	119 68224			-	120 02103	
24	.48505	38412	37415	34	.48642	68789	69918
	+	13 73576	86169		+	13 72378	17575
	-	119 71613			-	120 05487	
25	.48519	11989	23584	35	.48656	41167	87493
	+	13 73457	14556		+	13 72258	12088
	-	119 75002			-	120 08875	
26	.48532	85446	38140	36	.48670	13425	99581
	+	13 73337	39554		+	13 72138	03213
	-	119 78391			-	120 12260	
27	.48546	58783	77694	37	.48683	85564	02794
	+	13 73217	61163		+	13 72017	90953
	-	119 81778			-	120 15645	
28	.48560	32001	38857	38	.48697	57581	93747
	+	13 73097	79385		+	13 71897	75308
	-	119 85166			-	120 19031	
29	.48574	05099	18242	39	.48711	29479	69055
	+	13 72977	94219		+	13 71777	56277
	-	119 88556			-	120 22414	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

32°	Sine.			32°	Sine.		
40'	.48725	01257	25332	50'	.48862	12414	96955
	+	13	71657 33863		+	13	70453 23619
	-		120 25800		-		120 59628
41	.48738	72914	59195	51	.48875	82868	20574
	+	13	71537 08063		+	13	70332 63991
	-		120 29183		-		120 63008
42	.48752	44451	67258	52	.48889	53200	84565
	+	13	71416 78880		+	13	70212 00983
	-		120 32567		-		120 66389
43	.48766	15868	46138	53	.48903	23412	85548
	+	13	71296 46313		+	13	70091 34594
	-		120 35951		-		120 69770
44	.48779	87164	92451	54	.48916	93504	20142
	+	13	71176 10362		+	13	69970 64824
	-		120 39335		-		120 73151
45	.48793	58341	02813	55	.48930	63474	84966
	+	13	71055 71027		+	13	69849 91673
	-		120 42716		-		120 76530
46	.48807	29396	73840	56	.48944	33324	76639
	+	13	70935 28311		+	13	69729 15143
	-		120 46100		-		120 79909
47	.48821	00332	02151	57	.48958	03053	91782
	+	13	70814 82211		+	13	69608 35234
	-		120 49483		-		120 83290
48	.48834	71146	84362	58	.48971	72662	27016
	+	13	70694 32728		+	13	69487 51944
	-		120 52863		-		120 86667
49	.48848	41841	17090	59	.48985	42149	78960
	+	13	70573 79865		+	13	69366 65277
	-		120 56246		-		120 90048

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

32°	Sine.			32°	Sine.		
60'	.48999	11516	44237	70'	.49135	98527	87060
	+	13	69245 75229		+	13	68034 88992
	-		120 93426		-		121 27195
61	.49012	80762	19466	71	.49149	66562	76052
	+	13	69124 81803		+	13	67913 61797
	-		120 96803		-		121 30568
62	.49026	49887	01269	72	.49163	34476	37849
	+	13	69003 85000		+	13	67792 31229
	-		121 00182		-		121 33944
63	.49040	18890	86269	73	.49177	02268	69078
	+	13	68882 84818		+	13	67670 97285
	-		121 03558		-		121 37319
64	.49053	87773	71087	74	.49190	69939	66363
	+	13	68761 81260		+	13	67549 59966
	-		121 06938		-		121 40693
65	.49067	56535	52347	75	.49204	37489	26329
	+	13	68640 74322		+	13	67428 19273
	-		121 10313		-		121 44066
66	.49081	25176	26669	76	.49218	04917	45602
	+	13	68519 64009		+	13	67306 75207
	-		121 13689		-		121 47441
67	.49094	93695	90678	77	.49231	72224	20809
	+	13	68398 50320		+	13	67185 27766
	-		121 17068		-		121 50814
68	.49108	62094	40998	78	.49245	39409	48575
	+	13	68277 33252		+	13	67063 76952
	-		121 20442		-		121 54187
69	.49122	30371	74250	79	.49259	06473	25527
	+	13	68156 12810		+	13	66942 22765
	-		121 23818		-		121 57560

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

32°	Sine.			32°	Sine.		
80'	.49272	73415	48292	90'	.49409	36145	53788
	+	13 66820	65205		+	13 65603	04170
	-	121 60932			-	121 94642	
81	.49286	40236	13497	91	.49423	01748	57958
	+	13 66699	04273		+	13 65481	09528
	-	121 64305			-	121 98009	
82	.49300	06935	17770	92	.49436	67229	67486
	+	13 66577	39968		+	13 65359	11519
	-	121 67676			-	122 01380	
83	.49313	73512	57738	93	.49450	32588	79005
	+	13 66455	72292		+	13 65237	10139
	-	121 71048			-	122 04746	
84	.49327	39968	30030	94	.49463	97825	89144
	+	13 66334	01244		+	13 65115	05393
	-	121 74420			-	122 08117	
85	.49341	06302	31274	95	.49477	62940	94537
	+	13 66212	26824		+	13 64992	97276
	-	121 77789			-	122 11483	
86	.49354	72514	58098	96	.49491	27933	91813
	+	13 66090	49035		+	13 64870	85793
	-	121 81162			-	122 14851	
87	.49368	38605	07133	97	.49504	92804	77606
	+	13 65968	67873		+	13 64748	70942
	-	121 84531			-	122 18219	
88	.49382	04573	75006	98	.49518	57553	48548
	+	13 65846	83342		+	13 64626	52723
	-	121 87902			-	122 21586	
89	.49395	70420	58348	99	.49532	22180	01271
	+	13 65724	95440		+	13 64504	31137
	-	121 91270			-	122 24953	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

33 ^c	Sine.			33 ^c	Sine.		
00'	.49545	86684	32408	10'	.49682	24998	16015
	+	13	64382 06184		+	13	63157 71551
	-		122 28319		-		122 61966
01	.49559	51066	38592	11	.49695	88155	87566
	+	13	64259 77865		+	13	63035 09585
	-		122 31685		-		122 65331
02	.49573	15326	16457	12	.49709	51190	97151
	+	13	64137 46180		+	13	62912 44254
	-		122 35051		-		122 68693
03	.49586	79463	62637	13	.49723	14103	41405
	+	13	64015 11129		+	13	62789 75561
	-		122 38417		-		122 72056
04	.49600	43478	73766	14	.49736	76893	16966
	+	13	63892 72712		+	13	62667 03505
	-		122 41782		-		122 75418
05	.49614	07371	46478	15	.49750	39560	20471
	+	13	63770 30930		+	13	62544 28087
	-		122 45146		-		122 78780
06	.49627	71141	77408	16	.49764	02104	48558
	+	13	63647 85784		+	13	62421 49307
	-		122 48513		-		122 82142
07	.49641	34789	63192	17	.49777	64525	97865
	+	13	63525 37271		+	13	62298 67165
	-		122 51875		-		122 85503
08	.49654	98315	00463	18	.49791	26824	65030
	+	13	63402 85396		+	13	62175 81662
	-		122 55240		-		122 88863
09	.49668	61717	85859	19	.49804	89000	46692
	+	13	63280 30156		+	13	62052 92799
	-		122 58605		-		122 92226

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

33 ^c	Sine.			33 ^c	Sine.		
20'	.49818	51053	39491	30'	.49954	64816	40743
	+	13	61930 00573		+	13	60698 93553
	-		122 95584		-		123 29173
21	.49832	12983	40064	31	.49968	25515	34296
	+	13	61807 04989		+	13	60575 64380
	-		122 98946		-		123 32530
22	.49845	74790	45053	32	.49981	86090	98676
	+	13	61684 06043		+	13	60452 31850
	-		123 02305		-		123 35887
23	.49859	36474	51096	33	.49995	46543	30526
	+	13	61561 03738		+	13	60328 95963
	-		123 05665		-		123 39242
24	.49872	98035	54834	34	.50009	06872	26489
	+	13	61437 98073		+	13	60205 56721
	-		123 09023		-		123 42600
25	.49886	59473	52907	35	.50022	67077	83210
	+	13	61314 89050		+	13	60082 14121
	-		123 12383		-		123 45955
26	.49900	20788	41957	36	.50036	27159	97331
	+	13	61191 76667		+	13	59958 68166
	-		123 15742		-		123 49311
27	.49913	81980	18624	37	.50049	87118	65497
	+	13	61068 60925		+	13	59835 18855
	-		123 19099		-		123 52666
28	.49927	43048	79549	38	.50063	46953	84352
	+	13	60945 41826		+	13	59711 66189
	-		123 22458		-		123 56020
29	.49941	03994	21375	39	.50077	06665	50541
	+	13	60822 19368		+	13	59588 10169
	-		123 25815		-		123 59376

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

33°	Sine.			33°	Sine.		
40'	.50090	66253	60710	50'	.50226	55331	43373
	+	13	59464 50793		+	13	58226 72598
	-		123 62730		-		123 96256
41	.50104	25718	11503	51	.50240	13558	15971
	+	13	59340 88063		+	13	58102 76342
	-		123 66084		-		123 99607
42	.50117	85058	99566	52	.50253	71660	92313
	+	13	59217 21979		+	13	57978 76735
	-		123 69438		-		124 02959
43	.50131	44276	21545	53	.50267	29639	69048
	+	13	59093 52541		+	13	57854 73776
	-		123 72791		-		124 06308
44	.50145	03369	74086	54	.50280	87494	42824
	+	13	58969 79750		+	13	57730 67468
	-		123 76144		-		124 09659
45	.50158	62339	53836	55	.50294	45225	10292
	+	13	58846 03606		+	13	57606 57809
	-		123 79497		-		124 13008
46	.50172	21185	57442	56	.50308	02831	68101
	+	13	58722 24109		+	13	57482 44801
	-		123 82849		-		124 16358
47	.50185	79907	81551	57	.50321	60314	12902
	+	13	58598 41260		+	13	57358 28443
	-		123 86202		-		124 19707
48	.50199	38506	22811	58	.50335	17672	41345
	+	13	58474 55058		+	13	57234 08736
	-		123 89554		-		124 23056
49	.50212	96980	77869	59	.50348	74906	50081
	+	13	58350 65504		+	13	57109 85680
	-		123 92906		-		124 26405

33°	Sine.			33°	Sine.		
60'	.50362	32016	35761	70'	.50497	96274	87963
	+	13	56985 59275		+	13	55741 11130
	-		124 29752		-		124 63219
61	.50375	89001	95036	71	.50511	52015	99093
	+	13	56861 29523		+	13	55616 47911
	-		124 33100		-		124 66562
62	.50389	45863	24559	72	.50525	07632	47004
	+	13	56736 96423		+	13	55491 81349
	-		124 36449		-		124 69907
63	.50403	02600	20982	73	.50538	63124	28353
	+	13	56612 59974		+	13	55367 11442
	-		124 39795		-		124 73252
64	.50416	59212	80956	74	.50552	18491	39795
	+	13	56488 20179		+	13	55242 38190
	-		124 43143		-		124 76596
65	.50430	15701	01135	75	.50565	73733	77985
	+	13	56363 77036		+	13	55117 61594
	-		124 46488		-		124 79939
66	.50443	72064	78171	76	.50579	28851	39579
	+	13	56239 30548		+	13	54992 81655
	-		124 49837		-		124 83282
67	.50457	28304	08719	77	.50592	83844	21234
	+	13	56114 80711		+	13	54867 98373
	-		124 53181		-		124 86626
68	.50470	84418	89430	78	.50606	38712	19607
	+	13	55990 27530		+	13	54743 11747
	-		124 56527		-		124 89968
69	.50484	40409	16960	79	.50619	93455	31354
	+	13	55865 71003		+	13	54618 21779
	-		124 59873		-		124 93311

33°	Sine.			33°	Sine.		
80'	.50633	48073	53133	90'	.50768	87378	87498
	+	13	54493 28468		+	13	53242 11599
	-		124 96652		-		125 30056
81	.50647	02566	81601	91	.50782	40620	99097
	+	13	54368 31816		+	13	53116 81543
	-		124 99995		-		125 33395
82	.50660	56935	13417	92	.50795	93737	80640
	+	13	54243 31821		+	13	52991 48148
	-		125 03336		-		125 36734
83	.50674	11178	45238	93	.50809	46729	28788
	+	13	54118 28485		+	13	52866 11414
	-		125 06677		-		125 40072
84	.50687	65296	73723	94	.50822	99595	40202
	+	13	53993 21808		+	13	52740 71342
	-		125 10017		-		125 43409
85	.50701	19289	95531	95	.50836	52336	11544
	+	13	53868 11791		+	13	52615 27933
	-		125 13359		-		125 46747
86	.50714	73158	07322	96	.50850	04951	39477
	+	13	53742 98432		+	13	52489 81186
	-		125 16699		-		125 50084
87	.50728	26901	05754	97	.50863	57441	20663
	+	13	53617 81733		+	13	52364 31102
	-		125 20038		-		125 53420
88	.50741	80518	87487	98	.50877	09805	51765
	+	13	53492 61695		+	13	52238 77682
	-		125 23379		-		125 56758
89	.50755	34011	49182	99	.50890	62044	29447
	+	13	53367 38316		+	13	52113 20924
	-		125 26717		-		125 60093

34 ^c	Sine.			34 ^c	Sine.		
00'	.50904	14157	50371	10'	.51039	28376	04153
	+	13	51987 60831		+	13	50729 76473
	-		125 63429		-		125 96771
01	.50917	66145	11202	11	.51052	79105	80626
	+	13	51861 97402		+	13	50603 79702
	-		125 66766		-		126 00104
02	.50931	18007	08604	12	.51066	29709	60328
	+	13	51736 30636		+	13	50477 79598
	-		125 70100		-		126 03436
03	.50944	69743	39240	13	.51079	80187	39926
	+	13	51610 60536		+	13	50351 76162
	-		125 73434		-		126 06767
04	.50958	21353	99776	14	.51093	30539	16088
	+	13	51484 87102		+	13	50225 69395
	-		125 76771		-		126 10100
05	.50971	72838	86878	15	.51106	80764	85483
	+	13	51359 10331		+	13	50099 59295
	-		125 80104		-		126 13431
06	.50985	24197	97209	16	.51120	30864	44778
	+	13	51233 30227		+	13	49973 45864
	-		125 83438		-		126 16761
07	.50998	75431	27436	17	.51133	80837	90642
	+	13	51107 46789		+	13	49847 29103
	-		125 86772		-		126 20092
08	.51012	26538	74225	18	.51147	30685	19745
	+	13	50981 60017		+	13	49721 09011
	-		125 90106		-		126 23422
09	.51025	77520	34242	19	.51160	80406	28756
	+	13	50855 69911		+	13	49594 85589
	-		125 93438		-		126 26753

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

34 ^c	Sine.			34 ^c	Sine.		
20'	.51174	30001	14345	30'	.51309	18999	49555
	+	13	49468 58836		+	13	48204 08231
	-		126 30082		-		126 63361
21	.51187	79469	73181	31	.51322	67203	57786
	+	13	49342 28754		+	13	48077 44870
	-		126 33411		-		126 66689
22	.51201	28812	01935	32	.51336	15281	02656
	+	13	49215 95343		+	13	47950 78181
	-		126 36741		-		126 70013
23	.51214	78027	97278	33	.51349	63231	80837
	+	13	49089 58602		+	13	47824 08168
	-		126 40069		-		126 73340
24	.51228	27117	55880	34	.51363	11055	89005
	+	13	48963 18533		+	13	47697 34828
	-		126 43398		-		126 76664
25	.51241	76080	74413	35	.51376	58753	23833
	+	13	48836 75135		+	13	47570 58164
	-		126 46725		-		126 79991
26	.51255	24917	49548	36	.51390	06323	81997
	+	13	48710 28410		+	13	47443 78173
	-		126 50054		-		126 83314
27	.51268	73627	77958	37	.51403	53767	60170
	+	13	48583 78356		+	13	47316 94859
	-		126 53382		-		126 86639
28	.51282	22211	56314	38	.51417	01084	55029
	+	13	48457 24974		+	13	47190 08220
	-		126 56707		-		126 89963
29	.51295	70668	81288	39	.51430	48274	63249
	+	13	48330 68267		+	13	47063 18257
	-		126 60036		-		126 93286

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

34 ^c	Sine.			34 ^c	Sine.		
40'	.51443	95337	81506	50'	.51578	58982	85047
	+	13 46936	24971		+	13 45665	09367
	-	126 96611			-	127 29828	
41	.51457	42274	06477	51	.51592	04647	94414
	+	13 46809	28360		+	13 45537	79539
	-	126 99933			-	127 33146	
42	.51470	89083	34837	52	.51605	50185	73953
	+	13 46682	28427		+	13 45410	46393
	-	127 03255			-	127 36468	
43	.51484	35765	63264	53	.51618	95596	20346
	+	13 46555	25172		+	13 45283	09925
	-	127 06580			-	127 39786	
44	.51497	82320	88436	54	.51632	40879	30271
	+	13 46428	18592		+	13 45155	70139
	-	127 09900			-	127 43105	
45	.51511	28749	07028	55	.51645	86035	00410
	+	13 46301	08692		+	13 45028	27034
	-	127 13223			-	127 46424	
46	.51524	75050	15720	56	.51659	31063	27444
	+	13 46173	95469		+	13 44900	80610
	-	127 16544			-	127 49743	
47	.51538	21224	11189	57	.51672	75964	08054
	+	13 46046	78925		+	13 44773	30867
	-	127 19865			-	127 53060	
48	.51551	67270	90114	58	.51686	20737	38921
	+	13 45919	59060		+	13 44645	77807
	-	127 23187			-	127 56378	
49	.51565	13190	49174	59	.51699	65383	16728
	+	13 45792	35873		+	13 44518	21429
	-	127 26506			-	127 59696	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

34 ^c	Sine.			34 ^c	Sine.		
60'	.51713	09901	38157	70'	.51847	48060	21955
	+	13	44390 61733		+	13	43112 82385
	-		127 63012		-		127 96167
61	.51726	54291	99890	71	.51860	91173	04340
	+	13	44262 98721		+	13	42984 86218
	-		127 66331		-		127 99482
62	.51739	98554	98611	72	.51874	34157	90558
	+	13	44135 32390		+	13	42856 86736
	-		127 69646		-		128 02793
63	.51753	42690	31001	73	.51887	77014	77294
	+	13	44007 62744		+	13	42728 83943
	-		127 72962		-		128 06107
64	.51766	86697	93745	74	.51901	19743	61237
	+	13	43879 89782		+	13	42600 77836
	-		127 76278		-		128 09420
65	.51780	30577	83527	75	.51914	62344	39073
	+	13	43752 13504		+	13	42472 68416
	-		127 79594		-		128 12733
66	.51793	74329	97031	76	.51928	04817	07489
	+	13	43624 33910		+	13	42344 55683
	-		127 82910		-		128 16044
67	.51807	17954	30941	77	.51941	47161	63172
	+	13	43496 51000		+	13	42216 39639
	-		127 86223		-		128 19356
68	.51820	61450	81941	78	.51954	89378	02811
	+	13	43368 64777		+	13	42088 20283
	-		127 89540		-		128 22668
69	.51834	04819	46718	79	.51968	31466	23094
	+	13	43240 75237		+	13	41959 97615
	-		127 92852		-		128 25978

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

34 ^c	Sine.			34 ^c	Sine.		
80'	.51981	73426	20709	90'	.52115	85966	21844
	+	13	41831 71637		+	13	40547 29805
	-		128 29290		-		128 62381
81	.51995	15257	92346	91	.52129	26513	51649
	+	13	41703 42347		+	13	40418 67424
	-		128 32601		-		128 65688
82	.52008	56961	34693	92	.52142	66932	19073
	+	13	41575 09746		+	13	40290 01736
	-		128 35909		-		128 68995
83	.52021	98536	44439	93	.52156	07222	20809
	+	13	41446 73837		+	13	40161 32741
	-		128 39221		-		128 72301
84	.52035	39983	18276	94	.52169	47383	53550
	+	13	41318 34616		+	13	40032 60440
	-		128 42530		-		128 75609
85	.52048	81301	52892	95	.52182	87416	13990
	+	13	41189 92086		+	13	39903 84831
	-		128 45839		-		128 78914
86	.52062	22491	44978	96	.52196	27319	98821
	+	13	41061 46247		+	13	39775 05917
	-		128 49148		-		128 82219
87	.52075	63552	91225	97	.52209	67095	04738
	+	13	40932 97099		+	13	39646 23698
	-		128 52456		-		128 85527
88	.52089	04485	88324	98	.52223	06741	28436
	+	13	40804 44643		+	13	39517 38171
	-		128 55766		-		128 88829
89	.52102	45290	32967	99	.52236	46258	66607
	+	13	40675 88877		+	13	39388 49342
	-		128 59072		-		128 92136

35 ^c	Sine.			35 ^c	Sine.		
00'	.52249	85647	15949	10'	.52383	72435	96785
	+	13	39259 57206		+	13	37968 54159
	-		128 95440		-		129 28468
01	.52263	24906	73155	11	.52397	10404	50944
	+	13	39130 61766		+	13	37839 25691
	-		128 98743		-		129 31768
02	.52276	64037	34921	12	.52410	48243	76635
	+	13	39001 63023		+	13	37709 93923
	-		129 02049		-		129 35069
03	.52290	03038	97944	13	.52423	85953	70558
	+	13	38872 60974		+	13	37580 58854
	-		129 05351		-		129 38368
04	.52303	41911	58918	14	.52437	23534	29412
	+	13	38743 55623		+	13	37451 20486
	-		129 08654		-		129 41670
05	.52316	80655	14541	15	.52450	60985	49898
	+	13	38614 46969		+	13	37321 78816
	-		129 11958		-		129 44969
06	.52330	19269	61510	16	.52463	98307	28714
	+	13	38485 35011		+	13	37192 33847
	-		129 15260		-		129 48269
07	.52343	57754	96521	17	.52477	35499	62561
	+	13	38356 19751		+	13	37062 85578
	-		129 18562		-		129 51566
08	.52356	96111	16272	18	.52490	72562	48139
	+	13	38227 01189		+	13	36933 34012
	-		129 21865		-		129 54867
09	.52370	34338	17461	19	.52504	09495	82151
	+	13	38097 79324		+	13	36803 79145
	-		129 25165		-		129 58165

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

35 ^c	Sine.			35 ^c	Sine.		
20'	.52517	46299	61296	30'	.52651	07205	09613
	+	13	36674 20980		+	13	35376 57992
	-		129 61462		-		129 94427
21	.52530	82973	82276	31	.52664	42581	67605
	+	13	36544 59518		+	13	35246 63565
	-		129 64760		-		129 97721
22	.52544	19518	41794	32	.52677	77828	31170
	+	13	36414 94758		+	13	35116 65844
	-		129 68059		-		130 01014
23	.52557	55933	36552	33	.52691	12944	97014
	+	13	36285 26699		+	13	34986 64830
	-		129 71355		-		130 04309
24	.52570	92218	63251	34	.52704	47931	61844
	+	13	36155 55344		+	13	34856 60521
	-		129 74651		-		130 07604
25	.52584	28374	18595	35	.52717	82788	22365
	+	13	36025 80693		+	13	34726 52917
	-		129 77949		-		130 10895
26	.52597	64399	99288	36	.52731	17514	75282
	+	13	35896 02744		+	13	34596 42022
	-		129 81245		-		130 14189
27	.52611	00296	02032	37	.52744	52111	17304
	+	13	35766 21499		+	13	34466 27833
	-		129 84540		-		130 17481
28	.52624	36062	23531	38	.52757	86577	45137
	+	13	35636 36959		+	13	34336 10352
	-		129 87836		-		130 20775
29	.52637	71698	60490	39	.52771	20913	55489
	+	13	35506 49123		+	13	34205 89577
	-		129 91131		-		130 24065

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

35°	Sine.			35°	Sine.		
40'	.52784	55119	45066	50'	.52917	90009	74191
	+	13 34075	65512		+	13 32771	43861
	-	130 27358			-	130 60256	
41	.52797	89195	10578	51	.52931	22781	18052
	+	13 33945	38154		+	13 32640	83605
	-	130 30649			-	130 63545	
42	.52811	23140	48732	52	.52944	55422	01657
	+	13 33815	07505		+	13 32510	20060
	-	130 33940			-	130 66833	
43	.52824	56955	56237	53	.52957	87932	21717
	+	13 33684	73565		+	13 32379	53227
	-	130 37231			-	130 70121	
44	.52837	90640	29802	54	.52971	20311	74944
	+	13 33554	36334		+	13 32248	83106
	-	130 40521			-	130 73407	
45	.52851	24194	66136	55	.52984	52560	58050
	+	13 33423	95813		+	13 32118	09699
	-	130 43812			-	130 76695	
46	.52864	57618	61949	56	.52997	84678	67749
	+	13 33293	52001		+	13 31987	33004
	-	130 47100			-	130 79981	
47	.52877	90912	13950	57	.53011	16666	00753
	+	13 33163	04901		+	13 31856	53023
	-	130 50392			-	130 83268	
48	.52891	24075	18851	58	.53024	48522	53776
	+	13 33032	54509		+	13 31725	69755
	-	130 53678			-	130 86552	
49	.52904	57107	73360	59	.53037	80248	23531
	+	13 32902	00831		+	13 31594	83203
	-	130 56970			-	130 89839	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

35 ^c	Sine.			35 ^c	Sine.		
60'	.53051	11843	06734	70'	.53184	20586	55667
	+	13	31463 93364		+	13	30153 14340
	-		130 93124		-		131 25958
61	.53064	43307	00098	71	.53197	50739	70007
	+	13	31333 00240		+	13	30021 88382
	-		130 96410		-		131 29241
62	.53077	74640	00338	72	.53210	80761	58389
	+	13	31202 03830		+	13	29890 59141
	-		130 99692		-		131 32522
63	.53091	05842	04168	73	.53224	10652	17530
	+	13	31071 04138		+	13	29759 26619
	-		131 02979		-		131 35803
64	.53104	36913	08306	74	.53237	40411	44149
	+	13	30940 01159		+	13	29627 90816
	-		131 06261		-		131 39083
65	.53117	67853	09465	75	.53250	70039	34965
	+	13	30808 94898		+	13	29496 51733
	-		131 09546		-		131 42365
66	.53130	98662	04363	76	.53263	99535	86698
	+	13	30677 85352		+	13	29365 09368
	-		131 12829		-		131 45643
67	.53144	29339	89715	77	.53277	28900	96066
	+	13	30546 72523		+	13	29233 63725
	-		131 16111		-		131 48925
68	.53157	59886	62238	78	.53290	58134	59791
	+	13	30415 56412		+	13	29102 14800
	-		131 19395		-		131 52202
69	.53170	90302	18650	79	.53303	87236	74591
	+	13	30284 37017		+	13	28970 62598
	-		131 22677		-		131 55484

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

35°	Sine.			35°	Sine.		
80'	.53317	16207	37189	90'	.53449	98672	70737
	+	13	28839 07114		+	13	27521 72012
	-		131 58760		-		131 91532
81	.53330	45046	44303	91	.53463	26194	42749
	+	13	28707 48354		+	13	27389 80480
	-		131 62040		-		131 94806
82	.53343	73753	92657	92	.53476	53584	23229
	+	13	28575 86314		+	13	27257 85674
	-		131 65318		-		131 98081
83	.53357	02329	78971	93	.53489	80842	08903
	+	13	28444 20996		+	13	27125 87593
	-		131 68595		-		132 01356
84	.53370	30773	99967	94	.53503	07967	96496
	+	13	28312 52401		+	13	26993 86237
	-		131 71873		-		132 04629
85	.53383	59086	52368	95	.53516	34961	82733
	+	13	28180 80528		+	13	26861 81608
	-		131 75151		-		132 07905
86	.53396	87267	32896	96	.53529	61823	64341
	+	13	28049 05377		+	13	26729 73703
	-		131 78427		-		132 11177
87	.53410	15316	38273	97	.53542	88553	38044
	+	13	27917 26950		+	13	26597 62526
	-		131 81703		-		132 14451
88	.53423	43233	65223	98	.53556	15151	00570
	+	13	27785 45247		+	13	26465 48075
	-		131 84980		-		132 17723
89	.53436	71019	10470	99	.53569	41616	48645
	+	13	27653 60267		+	13	26333 30352
	-		131 88255		-		132 20997

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

36°	Sine.			36°	Sine.		
00'	.53582	67949	78997	10'	.53715	24005	87904
	+	13 26201	09355		+	13 24877	19473
	-	132 24268			-	132 56974	
01	.53595	94150	88352	11	.53728	48883	07377
	+	13 26068	85087		+	13 24744	62499
	-	132 27541			-	132 60242	
02	.53609	20219	73439	12	.53741	73627	69876
	+	13 25936	57546		+	13 24612	02257
	-	132 30811			-	132 63510	
03	.53622	46156	30985	13	.53754	98239	72133
	+	13 25804	26735		+	13 24479	38747
	-	132 34084			-	132 66778	
04	.53635	71960	57720	14	.53768	22719	10880
	+	13 25671	92651		+	13 24346	71969
	-	132 37354			-	132 70047	
05	.53648	97632	50371	15	.53781	47065	82849
	+	13 25539	55297		+	13 24214	01922
	-	132 40625			-	132 73312	
06	.53662	23172	05668	16	.53794	71279	84771
	+	13 25407	14672		+	13 24081	28610
	-	132 43896			-	132 76581	
07	.53675	48579	20340	17	.53807	95361	13381
	+	13 25274	70776		+	13 23948	52029
	-	132 47164			-	132 79847	
08	.53688	73853	91116	18	.53821	19309	65410
	+	13 25142	23612		+	13 23815	72182
	-	132 50436			-	132 83114	
09	.53701	98996	14728	19	.53834	43125	37592
	+	13 25009	73176		+	13 23682	89068
	-	132 53703			-	132 86379	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

36°	Sine.			36°	Sine.		
20'	.53847	66808	26660	30'	.53979	96324	27735
	+	13	23550 02689		+	13	22219 59332
	-		132 89645		-		133 22283
21	.53860	90358	29349	31	.53993	18543	87067
	+	13	23417 13044		+	13	22086 37049
	-		132 92911		-		133 25548
22	.53874	13775	42393	32	.54006	40630	24116
	+	13	23284 20133		+	13	21953 11501
	-		132 96176		-		133 28807
23	.53887	37059	62526	33	.54019	62583	35617
	+	13	23151 23957		+	13	21819 82694
	-		132 99440		-		133 32071
24	.53900	60210	86483	34	.54032	84403	18311
	+	13	23018 24517		+	13	21686 50623
	-		133 02705		-		133 35330
25	.53913	83229	11000	35	.54046	06089	68934
	+	13	22885 21812		+	13	21553 15293
	-		133 05969		-		133 38592
26	.53927	06114	32812	36	.54059	27642	84227
	+	13	22752 15843		+	13	21419 76701
	-		133 09232		-		133 41853
27	.53940	28866	48655	37	.54072	49062	60928
	+	13	22619 06611		+	13	21286 34848
	-		133 12497		-		133 45112
28	.53953	51485	55266	38	.54085	70348	95776
	+	13	22485 94114		+	13	21152 89736
	-		133 15759		-		133 48372
29	.53966	73971	49380	39	.54098	91501	85512
	+	13	22352 78355		+	13	21019 41364
	-		133 19023		-		133 51632

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

36°	Sine.			36°	Sine.		
40'	.54112	12521	26876	50'	.54244	15366	63119
	+	13	20885 89732		+	13	19548 94216
	-		133 54891		-		133 87465
41	.54125	33407	16608	51	.54257	34915	57335
	+	13	20752 34841		+	13	19415 06751
	-		133 58149		-		133 90719
42	.54138	54159	51449	52	.54270	54330	64086
	+	13	20618 76692		+	13	19281 16032
	-		133 61409		-		133 93975
43	.54151	74778	28141	53	.54283	73611	80118
	+	13	20485 15283		+	13	19147 22057
	-		133 64666		-		133 97230
44	.54164	95263	43424	54	.54296	92759	02175
	+	13	20351 50617		+	13	19013 24827
	-		133 67924		-		134 00484
45	.54178	15614	94041	55	.54310	11772	27002
	+	13	20217 82693		+	13	18879 24343
	-		133 71182		-		134 03739
46	.54191	35832	76734	56	.54323	30651	51345
	+	13	20084 11511		+	13	18745 20604
	-		133 74438		-		134 06992
47	.54204	55916	88245	57	.54336	49396	71949
	+	13	19950 37073		+	13	18611 13612
	-		133 77697		-		134 10247
48	.54217	75867	25318	58	.54349	68007	85561
	+	13	19816 59376		+	13	18477 03365
	-		133 80951		-		134 13499
49	.54230	95683	84694	59	.54362	86484	88926
	+	13	19682 78425		+	13	18342 89866
	-		133 84209		-		134 16751

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

36°	Sine.			36°	Sine.		
60'	.54376	04827	78792	70'	.54507	80872	19529
	+	13	18208 73115		+	13	16865 26757
	-		134 20006		-		134 52511
61	.54389	23036	51907	71	.54520	97737	46286
	+	13	18074 53109		+	13	16730 74246
	-		134 23256		-		134 55761
62	.54402	41111	05016	72	.54534	14468	20532
	+	13	17940 29853		+	13	16596 18485
	-		134 26509		-		134 59010
63	.54415	59051	34869	73	.54547	31064	39017
	+	13	17806 03344		+	13	16461 59475
	-		134 29760		-		134 62257
64	.54428	76857	38213	74	.54560	47525	98492
	+	13	17671 73584		+	13	16326 97218
	-		134 33012		-		134 65506
65	.54441	94529	11797	75	.54573	63852	95710
	+	13	17537 40572		+	13	16192 31712
	-		134 36263		-		134 68753
66	.54455	12066	52369	76	.54586	80045	27422
	+	13	17403 04309		+	13	16057 62959
	-		134 39512		-		134 72000
67	.54468	29469	56678	77	.54599	96102	90381
	+	13	17268 64797		+	13	15922 90959
	-		134 42764		-		134 75248
68	.54481	46738	21475	78	.54613	12025	81340
	+	13	17134 22033		+	13	15788 15711
	-		134 46012		-		134 78493
69	.54494	63872	43508	79	.54626	27813	97051
	+	13	16999 76021		+	13	15653 37218
	-		134 49264		-		134 81740

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

36°	Sine.			36°	Sine.		
80'	.54639	43467	34269	90'	.54770	92580	75274
	+	13	15518 55478		+	13	14168 59607
	-		134 84987		-		135 17428
81	.54652	58985	89747	91	.54784	06749	34881
	+	13	15383 70491		+	13	14033 42179
	-		134 88231		-		135 20668
82	.54665	74369	60238	92	.54797	20782	77060
	+	13	15248 82260		+	13	13898 21511
	-		134 91477		-		135 23912
83	.54678	89618	42498	93	.54810	34680	98571
	+	13	15113 90783		+	13	13762 97599
	-		134 94721		-		135 27152
84	.54692	04732	33281	94	.54823	48443	96170
	+	13	14978 96062		+	13	13627 70447
	-		134 97967		-		135 30394
85	.54705	19711	29343	95	.54836	62071	66617
	+	13	14843 98095		+	13	13492 40053
	-		135 01211		-		135 33634
86	.54718	34555	27438	96	.54849	75564	06670
	+	13	14708 96884		+	13	13357 06419
	-		135 04454		-		135 36876
87	.54731	49264	24322	97	.54862	88921	13089
	+	13	14573 92430		+	13	13221 69543
	-		135 07698		-		135 40115
88	.54744	63838	16752	98	.54876	02142	82632
	+	13	14438 84732		+	13	13086 29428
	-		135 10942		-		135 43356
89	.54757	78277	01484	99	.54889	15229	12060
	+	13	14303 73790		+	13	12950 86072
	-		135 14183		-		135 46595

37 ^c	Sine.			37 ^c	Sine.		
00'	.54902	28179	98132	10'	.55033	50232	61762
	+	13	12815 39477		+	13	11458 95424
	-		135 49834		-		135 82208
01	.54915	40995	37609	11	.55046	61691	57186
	+	13	12679 89643		+	13	11323 13216
	-		135 53074		-		135 85445
02	.54928	53675	27252	12	.55059	73014	70402
	+	13	12544 36569		+	13	11187 27771
	-		135 56311		-		135 88678
03	.54941	66219	63821	13	.55072	84201	98173
	+	13	12408 80258		+	13	11051 39093
	-		135 59550		-		135 91915
04	.54954	78628	44079	14	.55085	95253	37266
	+	13	12273 20708		+	13	10915 47178
	-		135 62788		-		135 95148
05	.54967	90901	64787	15	.55099	06168	84444
	+	13	12137 57920		+	13	10779 52030
	-		135 66025		-		135 98382
06	.54981	03039	22707	16	.55112	16948	36474
	+	13	12001 91895		+	13	10643 53648
	-		135 69263		-		136 01618
07	.54994	15041	14602	17	.55125	27591	90122
	+	13	11866 22632		+	13	10507 52030
	-		135 72500		-		136 04849
08	.55007	26907	37234	18	.55138	38099	42152
	+	13	11730 50132		+	13	10371 47181
	-		135 75736		-		136 08084
09	.55020	38637	87366	19	.55151	48470	89333
	+	13	11594 74396		+	13	10235 39097
	-		135 78972		-		136 11316

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

37 ^c	Sine.			37 ^c	Sine.		
20'	.55164	58706	28430	30'	.55295	53568	63750
	+	13 10099	27781		+	13 08736	36884
	-	136 14549			-	136 46856	
21	.55177	68805	56211	31	.55308	62305	00634
	+	13 09963	13232		+	13 08599	90028
	-	136 17781			-	136 50084	
22	.55190	78768	69443	32	.55321	70904	90662
	+	13 09826	95451		+	13 08463	39944
	-	136 21012			-	136 53313	
23	.55203	88595	64894	33	.55334	79368	30606
	+	13 09690	74439		+	13 08326	86631
	-	136 24245			-	136 56541	
24	.55216	98286	39333	34	.55347	87695	17237
	+	13 09554	50194		+	13 08190	30090
	-	136 27476			-	136 59770	
25	.55230	07840	89527	35	.55360	95885	47327
	+	13 09418	22718		+	13 08053	70320
	-	136 30706			-	136 62996	
26	.55243	17259	12245	36	.55374	03939	17647
	+	13 09281	92012		+	13 07917	07324
	-	136 33937			-	136 66223	
27	.55256	26541	04257	37	.55387	11856	24971
	+	13 09145	58075		+	13 07780	41101
	-	136 37168			-	136 69452	
28	.55269	35686	62332	38	.55400	19636	66072
	+	13 09009	20907		+	13 07643	71649
	-	136 40396			-	136 72676	
29	.55282	44695	83239	39	.55413	27280	37721
	+	13 08872	80511		+	13 07506	98973
	-	136 43627			-	136 75903	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

37 ^c	Sine.			37 ^c	Sine.		
40'	.55426	34787	36694	50'	.55557	02330	19602
	+	13 07370	23070		+	13 06000	86675
	-	136 79130			-	137 11369	
41	.55439	42157	59764	51	.55570	08331	06277
	+	13 07233	43940		+	13 05863	75306
	-	136 82353			-	137 14591	
42	.55452	49391	03704	52	.55583	14194	81583
	+	13 07096	61587		+	13 05726	60715
	-	136 85581			-	137 17811	
43	.55465	56487	65291	53	.55596	19921	42298
	+	13 06959	76006		+	13 05589	42904
	-	136 88803			-	137 21035	
44	.55478	63447	41297	54	.55609	25510	85202
	+	13 06822	87203		+	13 05452	21869
	-	136 92030			-	137 24254	
45	.55491	70270	28500	55	.55622	30963	07071
	+	13 06685	95173		+	13 05314	97615
	-	136 95252			-	137 27476	
46	.55504	76956	23673	56	.55635	36278	04686
	+	13 06548	99921		+	13 05177	70139
	-	136 98477			-	137 30695	
47	.55517	83505	23594	57	.55648	41455	74825
	+	13 06412	01444		+	13 05040	39444
	-	137 01700			-	137 33917	
48	.55530	89917	25038	58	.55661	46496	14269
	+	13 06274	99744		+	13 04903	05527
	-	137 04924			-	137 37135	
49	.55543	96192	24782	59	.55674	51399	19796
	+	13 06137	94820		+	13 04765	68392
	-	137 08145			-	137 40355	

37 ^c	Sine.			37 ^c	Sine.		
60'	.55687	56164	88188	70'	.55817	96259	21547
	+	13 04628	28037		+	13 03252	47495
	-	137 43575			-	137 75746	
61	.55700	60793	16225	71	.55830	99511	69042
	+	13 04490	84462		+	13 03114	71749
	-	137 46792			-	137 78961	
62	.55713	65284	00687	72	.55844	02626	40791
	+	13 04353	37670		+	13 02976	92788
	-	137 50011			-	137 82176	
63	.55726	69637	38357	73	.55857	05603	33579
	+	13 04215	87659		+	13 02839	10612
	-	137 53230			-	137 85391	
64	.55739	73853	26016	74	.55870	08442	44191
	+	13 04078	34429		+	13 02701	25221
	-	137 56446			-	137 88605	
65	.55752	77931	60445	75	.55883	11143	69412
	+	13 03940	77983		+	13 02563	36616
	-	137 59665			-	137 91820	
66	.55765	81872	38428	76	.55896	13707	06028
	+	13 03803	18318		+	13 02425	44796
	-	137 62881			-	137 95031	
67	.55778	85675	56746	77	.55909	16132	50824
	+	13 03665	55437		+	13 02287	49765
	-	137 66098			-	137 98247	
68	.55791	89341	12183	78	.55922	18420	00589
	+	13 03527	89339		+	13 02149	51518
	-	137 69314			-	138 01458	
69	.55804	92869	01522	79	.55935	20569	52107
	+	13 03390	20025		+	13 02011	50060
	-	137 72530			-	138 04672	

37 ^c	Sine.			37 ^c	Sine.		
80'	.55948	22581	02167	90'	.56078	35098	15931
	+	13	01873 45388		+	13	00491 22058
	-		138 07883		-		138 39988
81	.55961	24454	47555	91	.56091	35589	37989
	+	13	01735 37505		+	13	00352 82070
	-		138 11096		-		138 43196
82	.55974	26189	85060	92	.56104	35942	20059
	+	13	01597 26409		+	13	00214 38874
	-		138 14307		-		138 46403
83	.55987	27787	11469	93	.56117	36156	58933
	+	13	01459 12102		+	13	00075 92471
	-		138 17518		-		138 49613
84	.56000	29246	23571	94	.56130	36232	51404
	+	13	01320 94584		+	12	99937 42858
	-		138 20729		-		138 52818
85	.56013	30567	18155	95	.56143	36169	94262
	+	13	01182 73855		+	12	99798 90040
	-		138 23940		-		138 56027
86	.56026	31749	92010	96	.56156	35968	84302
	+	13	01044 49915		+	12	99660 34013
	-		138 27150		-		138 59233
87	.56039	32794	41925	97	.56169	35629	18315
	+	13	00906 22765		+	12	99521 74780
	-		138 30360		-		138 62439
88	.56052	33700	64690	98	.56182	35150	93095
	+	13	00767 92405		+	12	99383 12341
	-		138 33569		-		138 65646
89	.56065	34468	57095	99	.56195	34534	05436
	+	13	00629 58836		+	12	99244 46695
	-		138 36778		-		138 68852

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

38 ^c	Sine.			38 ^c	Sine.		
00'	.56208	33778	52131	10'	.56338	18590	03470
	+	12	99105 77843		+	12	97717 13088
	-		138 72056		-		139 04092
01	.56221	32884	29974	11	.56351	16307	16558
	+	12	98967 05787		+	12	97578 08996
	-		138 75263		-		139 07294
02	.56234	31851	35761	12	.56364	13885	25554
	+	12	98828 30524		+	12	97439 01702
	-		138 78466		-		139 10495
03	.56247	30679	66285	13	.56377	11324	27256
	+	12	98689 52058		+	12	97299 91207
	-		138 81671		-		139 13697
04	.56260	29369	18343	14	.56390	08624	18463
	+	12	98550 70387		+	12	97160 77510
	-		138 84875		-		139 16895
05	.56273	27919	88730	15	.56403	05784	95973
	+	12	98411 85512		+	12	97021 60615
	-		138 88079		-		139 20098
06	.56286	26331	74242	16	.56416	02806	56588
	+	12	98272 97433		+	12	96882 40517
	-		138 91282		-		139 23297
07	.56299	24604	71675	17	.56428	99688	97105
	+	12	98134 06151		+	12	96743 17220
	-		138 94485		-		139 26496
08	.56312	22738	77826	18	.56441	96432	14325
	+	12	97995 11666		+	12	96603 90724
	-		138 97688		-		139 29696
09	.56325	20733	89492	19	.56454	93036	05049
	+	12	97856 13978		+	12	96464 61028
	-		139 00890		-		139 32894

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

38 ^c	Sine.			38 ^c	Sine.		
20'	.56467	89500	66077	30'	.56597	46478	39508
	+	12 96325	28134		+	12 94930	23323
	-	139 36094			-	139 68058	
21	.56480	85825	94211	31	.56610	41408	62831
	+	12 96185	92040		+	12 94790	55265
	-	139 39291			-	139 71256	
22	.56493	82011	86251	32	.56623	36199	18096
	+	12 96046	52749		+	12 94650	84009
	-	139 42489			-	139 74448	
23	.56506	78058	39000	33	.56636	30850	02105
	+	12 95907	10260		+	12 94511	09561
	-	139 45687			-	139 77644	
24	.56519	73965	49260	34	.56649	25361	11666
	+	12 95767	64573		+	12 94371	31917
	-	139 48884			-	139 80836	
25	.56532	69733	13833	35	.56662	19732	43583
	+	12 95628	15689		+	12 94231	51081
	-	139 52081			-	139 84031	
26	.56545	65361	29522	36	.56675	13963	94664
	+	12 95488	63608		+	12 94091	67050
	-	139 55277			-	139 87222	
27	.56558	60849	93130	37	.56688	08055	61714
	+	12 95349	08331		+	12 93951	79828
	-	139 58473			-	139 90417	
28	.56571	56199	01461	38	.56701	02007	41542
	+	12 95209	49858		+	12 93811	89411
	-	139 61669			-	139 93608	
29	.56584	51408	51319	39	.56713	95819	30953
	+	12 95069	88189		+	12 93671	95803
	-	139 64866			-	139 96800	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

38 ^c	Sine.			38 ^c	Sine.		
40'	.56726	89491	26756	50'	.56856	18507	34264
	+	12 93531	99003		+	12 92130	55516
	-	139 99992			-	140 31890	
41	.56739	83023	25759	51	.56869	10637	89780
	+	12 93391	99011		+	12 91990	23626
	-	140 03183			-	140 35077	
42	.56752	76415	24770	52	.56882	02628	13406
	+	12 93251	95828		+	12 91849	88549
	-	140 06374			-	140 38265	
43	.56765	69667	20598	53	.56894	94478	01955
	+	12 93111	89454		+	12 91709	50284
	-	140 09565			-	140 41452	
44	.56778	62779	10052	54	.56907	86187	52239
	+	12 92971	79889		+	12 91569	08832
	-	140 12756			-	140 44639	
45	.56791	55750	89941	55	.56920	77756	61071
	+	12 92831	67133		+	12 91428	64193
	-	140 15944			-	140 47825	
46	.56804	48582	57074	56	.56933	69185	25264
	+	12 92691	51189		+	12 91288	16368
	-	140 19135			-	140 51012	
47	.56817	41274	08263	57	.56946	60473	41632
	+	12 92551	32054		+	12 91147	65356
	-	140 22324			-	140 54197	
48	.56830	33825	40317	58	.56959	51621	06988
	+	12 92411	09730		+	12 91007	11159
	-	140 25513			-	140 57382	
49	.56843	26236	50047	59	.56972	42628	18147
	+	12 92270	84217		+	12 90866	53777
	-	140 28701			-	140 60569	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

38 ^c	Sine.			38 ^c	Sine.		
60'	.56985	33494	71924	70'	.57114	34421	53091
	+	12	90725 93208		+	12	89318 12428
	-		140 63752		-		140 95582
61	.56998	24220	65132	71	.57127	23739	65519
	+	12	90585 29456		+	12	89177 16846
	-		140 66937		-		140 98761
62	.57011	14805	94588	72	.57140	12916	82365
	+	12	90444 62519		+	12	89036 18085
	-		140 70121		-		141 01943
63	.57024	05250	57107	73	.57153	01953	00450
	+	12	90303 92398		+	12	88895 16142
	-		140 73304		-		141 05122
64	.57036	95554	49505	74	.57165	90848	16592
	+	12	90163 19094		+	12	88754 11020
	-		140 76489		-		141 08302
65	.57049	85717	68599	75	.57178	79602	27612
	+	12	90022 42605		+	12	88613 02718
	-		140 79670		-		141 11483
66	.57062	75740	11204	76	.57191	68215	30330
	+	12	89881 62935		+	12	88471 91235
	-		140 82854		-		141 14660
67	.57075	65621	74139	77	.57204	56687	21565
	+	12	89740 80081		+	12	88330 76575
	-		140 86037		-		141 17840
68	.57088	55362	54220	78	.57217	45017	98140
	+	12	89599 94044		+	12	88189 58735
	-		140 89217		-		141 21019
69	.57101	44962	48264	79	.57230	33207	56875
	+	12	89459 04827		+	12	88048 37716
	-		140 92399		-		141 24196

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

38 ^c	Sine.			38 ^c	Sine.		
80'	.57243	21255	94591	90'	.57371	93966	16724
	+	12	87907 13520		+	12	86492 96834
	-		141 27375		-		141 59133
81	.57256	09163	08111	91	.57384	80459	13558
	+	12	87765 86145		+	12	86351 37701
	-		141 30551		-		141 62307
82	.57268	96928	94256	92	.57397	66810	51259
	+	12	87624 55594		+	12	86209 75394
	-		141 33730		-		141 65481
83	.57281	84553	49850	93	.57410	53020	26653
	+	12	87483 21864		+	12	86068 09913
	-		141 36904		-		141 68653
84	.57294	72036	71714	94	.57423	39088	36566
	+	12	87341 84960		+	12	85926 41260
	-		141 40083		-		141 71827
85	.57307	59378	56674	95	.57436	25014	77826
	+	12	87200 44877		+	12	85784 69433
	-		141 43258		-		141 74999
86	.57320	46579	01551	96	.57449	10799	47259
	+	12	87059 01619		+	12	85642 94434
	-		141 46434		-		141 78172
87	.57333	33638	03170	97	.57461	96442	41693
	+	12	86917 55185		+	12	85501 16262
	-		141 49608		-		141 81343
88	.57346	20555	58355	98	.57474	81943	57955
	+	12	86776 05577		+	12	85359 34919
	-		141 52785		-		141 84514
89	.57359	07331	63932	99	.57487	67302	92874
	+	12	86634 52792		+	12	85217 50405
	-		141 55958		-		141 87687

39°	Sine.			39°	Sine.		
00'	.57500	52520	43279	10'	.57628	96887	01533
	+	12	85075 62718		+	12	83655 11523
	-		141 90856		-		142 22544
01	.57513	37596	05997	11	.57641	80542	13056
	+	12	84933 71862		+	12	83512 88979
	-		141 94027		-		142 25713
02	.57526	22529	77859	12	.57654	64055	02035
	+	12	84791 77835		+	12	83370 63266
	-		141 97198		-		142 28879
03	.57539	07321	55694	13	.57667	47425	65301
	+	12	84649 80637		+	12	83228 34387
	-		142 00366		-		142 32046
04	.57551	91971	36331	14	.57680	30653	99688
	+	12	84507 80271		+	12	83086 02341
	-		142 03537		-		142 35210
05	.57564	76479	16602	15	.57693	13740	02029
	+	12	84365 76734		+	12	82943 67131
	-		142 06706		-		142 38377
06	.57577	60844	93336	16	.57705	96683	69160
	+	12	84223 70028		+	12	82801 28754
	-		142 09873		-		142 41541
07	.57590	45068	63364	17	.57718	79484	97914
	+	12	84081 60155		+	12	82658 87213
	-		142 13043		-		142 44707
08	.57603	29150	23519	18	.57731	62143	85127
	+	12	83939 47112		+	12	82516 42506
	-		142 16210		-		142 47871
09	.57616	13089	70631	19	.57744	44660	27633
	+	12	83797 30902		+	12	82373 94635
	-		142 19379		-		142 51036

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

39 ^c	Sine.			39 ^c	Sine.		
20'	.57757	27034	22268	30'	.57885	42930	39771
	+	12	82231 43599		+	12	80804 59298
	-		142 54198		-		142 85818
21	.57770	09265	65867	31	.57898	23734	99069
	+	12	82088 89401		+	12	80661 73480
	-		142 57363		-		142 88977
22	.57782	91354	55268	32	.57911	04396	72549
	+	12	81946 32038		+	12	80518 84503
	-		142 60525		-		142 92137
23	.57795	73300	87306	33	.57923	84915	57052
	+	12	81803 71513		+	12	80375 92366
	-		142 63689		-		142 95296
24	.57808	55104	58819	34	.57936	65291	49418
	+	12	81661 07824		+	12	80232 97070
	-		142 66850		-		142 98455
25	.57821	36765	66643	35	.57949	45524	46488
	+	12	81518 40974		+	12	80089 98615
	-		142 70013		-		143 01613
26	.57834	18284	07617	36	.57962	25614	45103
	+	12	81375 70961		+	12	79946 97002
	-		142 73174		-		143 04772
27	.57846	99659	78578	37	.57975	05561	42105
	+	12	81232 97787		+	12	79803 92230
	-		142 76335		-		143 07929
28	.57859	80892	76365	38	.57987	85365	34335
	+	12	81090 21452		+	12	79660 84301
	-		142 79498		-		143 11088
29	.57872	61982	97817	39	.58000	65026	18636
	+	12	80947 41954		+	12	79517 73213
	-		142 82656		-		143 14243

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

39°	Sine.			39°	Sine.		
40'	.58013	44543	91849	50'	.58141	31843	19831
	+	12	79374 58970		+	12	77941 42969
	-		143 17400		-		143 48948
41	.58026	23918	50819	51	.58154	09784	62800
	+	12	79231 41570		+	12	77797 94021
	-		143 20558		-		143 52102
42	.58039	03149	92389	52	.58166	87582	56821
	+	12	79088 21012		+	12	77654 41919
	-		143 23713		-		143 55253
43	.58051	82238	13401	53	.58179	65236	98740
	+	12	78944 97299		+	12	77510 86666
	-		143 26868		-		143 58406
44	.58064	61183	10700	54	.58192	42747	85406
	+	12	78801 70431		+	12	77367 28260
	-		143 30024		-		143 61558
45	.58077	39984	81131	55	.58205	20115	13666
	+	12	78658 40407		+	12	77223 66702
	-		143 33179		-		143 64709
46	.58090	18643	21538	56	.58217	97338	80368
	+	12	78515 07228		+	12	77080 01993
	-		143 36334		-		143 67860
47	.58102	97158	28766	57	.58230	74418	82361
	+	12	78371 70894		+	12	76936 34133
	-		143 39488		-		143 71012
48	.58115	75529	99660	58	.58243	51355	16494
	+	12	78228 31406		+	12	76792 63121
	-		143 42641		-		143 74160
49	.58128	53758	31066	59	.58256	28147	79615
	+	12	78084 88765		+	12	76648 88961
	-		143 45796		-		143 77312

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

39°	Sine.			39°	Sine.		
60'	.58269	04796	68576	70'	.58396	63372	86487
	+	12	76505 11649		+	12	75065 65364
	-		143 80460		-		144 11938
61	.58281	81301	80225	71	.58409	38438	51851
	+	12	76361 31189		+	12	74921 53426
	-		143 83611		-		144 15083
62	.58294	57663	11414	72	.58422	13360	05277
	+	12	76217 47578		+	12	74777 38343
	-		143 86759		-		144 18229
63	.58307	33880	58992	73	.58434	88137	43620
	+	12	76073 60819		+	12	74633 20114
	-		143 89908		-		144 21374
64	.58320	09954	19811	74	.58447	62770	63734
	+	12	75929 70911		+	12	74488 98740
	-		143 93056		-		144 24519
65	.58332	85883	90722	75	.58460	37259	62474
	+	12	75785 77855		+	12	74344 74221
	-		143 96203		-		144 27663
66	.58345	61669	68577	76	.58473	11604	36695
	+	12	75641 81652		+	12	74200 46558
	-		143 99352		-		144 30808
67	.58358	37311	50229	77	.58485	85804	83253
	+	12	75497 82300		+	12	74056 15750
	-		144 02499		-		144 33949
68	.58371	12809	32529	78	.58498	59860	99003
	+	12	75353 79801		+	12	73911 81801
	-		144 05644		-		144 37095
69	.58383	88163	12330	79	.58511	33772	80804
	+	12	75209 74157		+	12	73767 44706
	-		144 08793		-		144 40236

39°	Sine.			39°	Sine.		
80'	.58524	07540	25510	90'	.58651	37267	41150
	+	12	73623 04470		+	12	72177 29321
	-		144 43380		-		144 74785
81	.58536	81163	29980	91	.58664	09444	70471
	+	12	73478 61090		+	12	72032 54536
	-		144 46521		-		144 77924
82	.58549	54641	91070	92	.58676	81477	25007
	+	12	73334 14569		+	12	71887 76612
	-		144 49664		-		144 81061
83	.58562	27976	05639	93	.58689	53365	01619
	+	12	73189 64905		+	12	71742 95551
	-		144 52804		-		144 84201
84	.58575	01165	70544	94	.58702	25107	97170
	+	12	73045 12101		+	12	71598 11350
	-		144 55946		-		144 87337
85	.58587	74210	82645	95	.58714	96706	08520
	+	12	72900 56155		+	12	71453 24013
	-		144 59087		-		144 90474
86	.58600	47111	38800	96	.58727	68159	32533
	+	12	72755 97068		+	12	71308 33539
	-		144 62227		-		144 93612
87	.58613	19867	35868	97	.58740	39467	66072
	+	12	72611 34841		+	12	71163 39927
	-		144 65367		-		144 96748
88	.58625	92478	70709	98	.58753	10631	05999
	+	12	72466 69474		+	12	71018 43179
	-		144 68507		-		144 99884
89	.58638	64945	40183	99	.58765	81649	49178
	+	12	72322 00967		+	12	70873 43295
	-		144 71646		-		145 03019

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

40°	Sine.			40°	Sine.		
00'	.58778	52522	92473	10'	.58905	53275	42116
	+	12	70728 40276		+	12	69276 37690
	-		145 06156		-		145 37489
01	.58791	23251	32749	11	.58918	22551	79806
	+	12	70583 34120		+	12	69131 00201
	-		145 09290		-		145 40621
02	.58803	93834	66869	12	.58930	91682	80007
	+	12	70438 24830		+	12	68985 59580
	-		145 12425		-		145 43752
03	.58816	64272	91699	13	.58943	60668	39587
	+	12	70293 12405		+	12	68840 15828
	-		145 15559		-		145 46883
04	.58829	34566	04104	14	.58956	29508	55415
	+	12	70147 96846		+	12	68694 68945
	-		145 18693		-		145 50013
05	.58842	04714	00950	15	.58968	98203	24360
	+	12	70002 78153		+	12	68549 18932
	-		145 21827		-		145 53143
06	.58854	74716	79103	16	.58981	66752	43292
	+	12	69857 56326		+	12	68403 65789
	-		145 24960		-		145 56273
07	.58867	44574	35429	17	.58994	35156	09081
	+	12	69712 31366		+	12	68258 09516
	-		145 28093		-		145 59402
08	.58880	14286	66795	18	.59007	03414	18597
	+	12	69567 03273		+	12	68112 50114
	-		145 31225		-		145 62530
09	.58892	83853	70068	19	.59019	71526	68711
	+	12	69421 72048		+	12	67966 87584
	-		145 34358		-		145 65661

40°	Sine.			40°	Sine.		
20'	.59032	39493	56295	30'	.59159	11146	04810
	+	12 67821	21923		+	12 66362	93335
	-	145 68787			-	146 00050	
21	.59045	07314	78218	31	.59171	77508	98145
	+	12 67675	53136		+	12 66216	93285
	-	145 71916			-	146 03176	
22	.59057	74990	31354	32	.59184	43725	91430
	+	12 67529	81220		+	12 66070	90109
	-	145 75043			-	146 06297	
23	.59070	42520	12574	33	.59197	09796	81539
	+	12 67384	06177		+	12 65924	83812
	-	145 78171			-	146 09423	
24	.59083	09904	18751	34	.59209	75721	65351
	+	12 67238	28006		+	12 65778	74389
	-	145 81296			-	146 12544	
25	.59095	77142	46757	35	.59222	41500	39740
	+	12 67092	46710		+	12 65632	61845
	-	145 84424			-	146 15669	
26	.59108	44234	93467	36	.59235	07133	01585
	+	12 66946	62286		+	12 65486	46176
	-	145 87550			-	146 18790	
27	.59121	11181	55753	37	.59247	72619	47761
	+	12 66800	74736		+	12 65340	27386
	-	145 90675			-	146 21913	
28	.59133	77982	30489	38	.59260	37959	75147
	+	12 66654	84061		+	12 65194	05473
	-	145 93801			-	146 25034	
29	.59146	44637	14550	39	.59273	03153	80620
	+	12 66508	90260		+	12 65047	80439
	-	145 96925			-	146 28155	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

40°	Sine.			40°	Sine.		
40'	.59285	68201	61059	50'	.59412	10629	02039
	+	12 64901	52284		+	12 63436	99130
	-	146 31278			-	146 62467	
41	.59298	33103	13343	51	.59424	74066	01169
	+	12 64755	21006		+	12 63290	36663
	-	146 34396			-	146 65584	
42	.59310	97858	34349	52	.59437	37356	37832
	+	12 64608	86610		+	12 63143	71079
	-	146 37519			-	146 68701	
43	.59323	62467	20959	53	.59450	00500	08911
	+	12 64462	49091		+	12 62997	02378
	-	146 40637			-	146 71817	
44	.59336	26929	70050	54	.59462	63497	11289
	+	12 64316	08454		+	12 62850	30561
	-	146 43757			-	146 74932	
45	.59348	91245	78504	55	.59475	26347	41850
	+	12 64169	64697		+	12 62703	55629
	-	146 46876			-	146 78050	
46	.59361	55415	43201	56	.59487	89050	97479
	+	12 64023	17821		+	12 62556	77579
	-	146 49996			-	146 81163	
47	.59374	19438	61022	57	.59500	51607	75058
	+	12 63876	67825		+	12 62409	96416
	-	146 53113			-	146 84279	
48	.59386	83315	28847	58	.59513	14017	71474
	+	12 63730	14712		+	12 62263	12137
	-	146 56232			-	146 87393	
49	.59399	47045	43559	59	.59525	76280	83611
	+	12 63583	58480		+	12 62116	24744
	-	146 59350			-	146 90508	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

40°	Sine.			40°	Sine.		
60'	.59538	38397	08355	70'	.59664	51474	64232
	+	12	61969 34236		+	12	60498 57965
	-		146 93620		-		147 24740
61	.59551	00366	42591	71	.59677	11973	22197
	+	12	61822 40616		+	12	60351 33225
	-		146 96736		-		147 27849
62	.59563	62188	83207	72	.59689	72324	55422
	+	12	61675 43880		+	12	60204 05376
	-		146 99847		-		147 30958
63	.59576	23864	27087	73	.59702	32528	60798
	+	12	61528 44033		+	12	60056 74418
	-		147 02960		-		147 34067
64	.59588	85392	71120	74	.59714	92585	35216
	+	12	61381 41073		+	12	59909 40351
	-		147 06073		-		147 37176
65	.59601	46774	12193	75	.59727	52494	75567
	+	12	61234 35000		+	12	59762 03175
	-		147 09185		-		147 40285
66	.59614	08008	47193	76	.59740	12256	78742
	+	12	61087 25815		+	12	59614 62890
	-		147 12296		-		147 43392
67	.59626	69095	73008	77	.59752	71871	41632
	+	12	60940 13519		+	12	59467 19498
	-		147 15407		-		147 46500
68	.59639	30035	86527	78	.59765	31338	61130
	+	12	60792 98112		+	12	59319 72998
	-		147 18519		-		147 49607
69	.59651	90828	84639	79	.59777	90658	34128
	+	12	60645 79593		+	12	59172 23391
	-		147 21628		-		147 52714

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

40°	Sine.			40°	Sine.		
80'	.59790	49830	57519	90'	.59916	33433	79696
	+	12	59024 70677		+	12	57547 72737
	-		147 55821		-		147 86865
81	.59803	08855	28196	91	.59928	90981	52433
	+	12	58877 14856		+	12	57399 85872
	-		147 58927		-		147 89969
82	.59815	67732	43052	92	.59941	48381	38305
	+	12	58729 55929		+	12	57251 95903
	-		147 62032		-		147 93070
83	.59828	26461	98981	93	.59954	05633	34208
	+	12	58581 93897		+	12	57104 02833
	-		147 65139		-		147 96173
84	.59840	85043	92878	94	.59966	62737	37041
	+	12	58434 28758		+	12	56956 06660
	-		147 68242		-		147 99273
85	.59853	43478	21636	95	.59979	19693	43701
	+	12	58286 60516		+	12	56808 07387
	-		147 71348		-		148 02375
86	.59866	01764	82152	96	.59991	76501	51088
	+	12	58138 89168		+	12	56660 05012
	-		147 74452		-		148 05475
87	.59878	59903	71320	97	.60004	33161	56100
	+	12	57991 14716		+	12	56511 99537
	-		147 77556		-		148 08576
88	.59891	17894	86036	98	.60016	89673	55637
	+	12	57843 37160		+	12	56363 90961
	-		147 80660		-		148 11675
89	.59903	75738	23196	99	.60029	46037	46598
	+	12	57695 56500		+	12	56215 79286
	-		147 83763		-		148 14776

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

41 ^c	Sine.			41 ^c	Sine.		
00'	.60042	02253	25884	10'	.60167	56257	94852
	+	12	56067 64510		+	12	54584 46362
	-		148 17874		-		148 48848
01	.60054	58320	90394	11	.60180	10842	41214
	+	12	55919 46636		+	12	54435 97514
	-		148 20973		-		148 51940
02	.60067	14240	37030	12	.60192	65278	38728
	+	12	55771 25663		+	12	54287 45574
	-		148 24072		-		148 55038
03	.60079	70011	62693	13	.60205	19565	84302
	+	12	55623 01591		+	12	54138 90536
	-		148 27170		-		148 58131
04	.60092	25634	64284	14	.60217	73704	74838
	+	12	55474 74421		+	12	53990 32405
	-		148 30268		-		148 61224
05	.60104	81109	38705	15	.60230	27695	07243
	+	12	55326 44153		+	12	53841 71181
	-		148 33365		-		148 64320
06	.60117	36435	82858	16	.60242	81536	78424
	+	12	55178 10788		+	12	53693 06861
	-		148 36461		-		148 67411
07	.60129	91613	93646	17	.60255	35229	85285
	+	12	55029 74327		+	12	53544 39450
	-		148 39560		-		148 70506
08	.60142	46643	67973	18	.60267	88774	24735
	+	12	54881 34767		+	12	53395 68944
	-		148 42655		-		148 73598
09	.60155	01525	02740	19	.60280	42169	93679
	+	12	54732 92112		+	12	53246 95346
	-		148 45750		-		148 76690

41 ^c	Sine.			41 ^c	Sine.		
20'	.60292	95416	89025	30'	.60418	19699	14488
	+	12	53098 18656		+	12	51608 81762
	-		148 79782		-		149 10682
21	.60305	48515	07681	31	.60430	71307	96250
	+	12	52949 38874		+	12	51459 71080
	-		148 82874		-		149 13768
22	.60318	01464	46555	32	.60443	22767	67330
	+	12	52800 56000		+	12	51310 57312
	-		148 85964		-		149 16856
23	.60330	54265	02555	33	.60455	74078	24642
	+	12	52651 70036		+	12	51161 40456
	-		148 89056		-		149 19944
24	.60343	06916	72591	34	.60468	25239	65098
	+	12	52502 80980		+	12	51012 20512
	-		148 92145		-		149 23029
25	.60355	59419	53571	35	.60480	76251	85610
	+	12	52353 88835		+	12	50862 97483
	-		148 95237		-		149 26117
26	.60368	11773	42406	36	.60493	27114	83093
	+	12	52204 93598		+	12	50713 71366
	-		148 98325		-		149 29202
27	.60380	63978	36004	37	.60505	77828	54459
	+	12	52055 95273		+	12	50564 42164
	-		149 01415		-		149 32288
28	.60393	16034	31277	38	.60518	28392	96623
	+	12	51906 93858		+	12	50415 09876
	-		149 04505		-		149 35374
29	.60405	67941	25135	39	.60530	78808	06499
	+	12	51757 89353		+	12	50265 74502
	-		149 07591		-		149 38457

41 ^c	Sine.			41 ^c	Sine.		
40'	.60543	29073	81001	50'	.60668	23510	02000
	+	12	50116 36045		+	12	48620 81873
	-		149 41544		-		149 72367
41	.60555	79190	17046	51	.60680	72130	83873
	+	12	49966 94501		+	12	48471 09506
	-		149 44626		-		149 75448
42	.60568	29157	11547	52	.60693	20601	93379
	+	12	49817 49875		+	12	48321 34058
	-		149 47711		-		149 78529
43	.60580	78974	61422	53	.60705	68923	27437
	+	12	49668 02164		+	12	48171 55529
	-		149 50794		-		149 81608
44	.60593	28642	63586	54	.60718	17094	82966
	+	12	49518 51370		+	12	48021 73921
	-		149 53877		-		149 84687
45	.60605	78161	14956	55	.60730	65116	56887
	+	12	49368 97493		+	12	47871 89234
	-		149 56960		-		149 87767
46	.60618	27530	12449	56	.60743	12988	46121
	+	12	49219 40533		+	12	47722 01467
	-		149 60043		-		149 90845
47	.60630	76749	52982	57	.60755	60710	47588
	+	12	49069 80490		+	12	47572 10622
	-		149 63123		-		149 93924
48	.60643	25819	33472	58	.60768	08282	58210
	+	12	48920 17367		+	12	47422 16698
	-		149 66206		-		149 97001
49	.60655	74739	50839	59	.60780	55704	74908
	+	12	48770 51161		+	12	47272 19697
	-		149 69288		-		150 00078

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

41 ^c	Sine.			41 ^c	Sine.		
60'	.60793	02976	94605	70'	.60917	67443	79634
	+	12	47122 19619		+	12	45620 49648
	-		150 03157		-		150 33907
61	.60805	50099	14224	71	.60930	13064	29282
	+	12	46972 16462		+	12	45470 15741
	-		150 06232		-		150 36981
62	.60817	97071	30686	72	.60942	58534	45023
	+	12	46822 10230		+	12	45319 78760
	-		150 09310		-		150 40052
63	.60830	43893	40916	73	.60955	03854	23783
	+	12	46672 00920		+	12	45169 38708
	-		150 12385		-		150 43125
64	.60842	90565	41836	74	.60967	49023	62491
	+	12	46521 88535		+	12	45018 95583
	-		150 15460		-		150 46198
65	.60855	37087	30371	75	.60979	94042	58074
	+	12	46371 73075		+	12	44868 49385
	-		150 18537		-		150 49268
66	.60867	83459	03446	76	.60992	38911	07459
	+	12	46221 54538		+	12	44718 00117
	-		150 21611		-		150 52341
67	.60880	29680	57984	77	.61004	83629	07576
	+	12	46071 32927		+	12	44567 47776
	-		150 24685		-		150 55410
68	.60892	75751	90911	78	.61017	28196	55352
	+	12	45921 08242		+	12	44416 92366
	-		150 27761		-		150 58481
69	.60905	21672	99153	79	.61029	72613	47718
	+	12	45770 80481		+	12	44266 33885
	-		150 30833		-		150 61552

41 ^c	Sine.			41 ^c	Sine.		
80'	.61042	16879	81603	90'	.61166	51254	28736
	+	12	44115 72333		+	12	42607 88045
	-		150 64622		-		150 95298
81	.61054	60995	53936	91	.61178	93862	16781
	+	12	43965 07711		+	12	42456 92747
	-		150 67689		-		150 98364
82	.61067	04960	61647	92	.61191	36319	09528
	+	12	43814 40022		+	12	42305 94383
	-		150 70760		-		151 01428
83	.61079	48775	01669	93	.61203	78625	03911
	+	12	43663 69262		+	12	42154 92955
	-		150 73828		-		151 04495
84	.61091	92438	70931	94	.61216	20779	96866
	+	12	43512 95434		+	12	42003 88460
	-		150 76897		-		151 07558
85	.61104	35951	66365	95	.61228	62783	85326
	+	12	43362 18537		+	12	41852 80902
	-		150 79964		-		151 10622
86	.61116	79313	84902	96	.61241	04636	66228
	+	12	43211 38573		+	12	41701 70280
	-		150 83031		-		151 13686
87	.61129	22525	23475	97	.61253	46338	36508
	+	12	43060 55542		+	12	41550 56594
	-		150 86100		-		151 16751
88	.61141	65585	79017	98	.61265	87888	93102
	+	12	42909 69442		+	12	41399 39843
	-		150 89165		-		151 19812
89	.61154	08495	48459	99	.61278	29288	32945
	+	12	42758 80277		+	12	41248 20031
	-		150 92232		-		151 22875

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

42°	Sine.			42°	Sine.		
00'	.61290	70536	52976	10'	.61414	74695	89989
	+	12	41096 97156		+	12	39583 00038
	-		151 25938		-		151 56539
01	.61303	11633	50132	11	.61427	14278	90027
	+	12	40945 71218		+	12	39431 43499
	-		151 28999		-		151 59599
02	.61315	52579	21350	12	.61439	53710	33526
	+	12	40794 42219		+	12	39279 83900
	-		151 32062		-		151 62656
03	.61327	93373	63569	13	.61451	92990	17426
	+	12	40643 10157		+	12	39128 21244
	-		151 35121		-		151 65713
04	.61340	34016	73726	14	.61464	32118	38670
	+	12	40491 75036		+	12	38976 55531
	-		151 38184		-		151 68771
05	.61352	74508	48762	15	.61476	71094	94201
	+	12	40340 36852		+	12	38824 86760
	-		151 41244		-		151 71826
06	.61365	14848	85614	16	.61489	09919	80961
	+	12	40188 95608		+	12	38673 14934
	-		151 44302		-		151 74884
07	.61377	55037	81222	17	.61501	48592	95895
	+	12	40037 51306		+	12	38521 40050
	-		151 47364		-		151 77939
08	.61389	95075	32528	18	.61513	87114	35945
	+	12	39886 03942		+	12	38369 62111
	-		151 50423		-		151 80996
09	.61402	34961	36470	19	.61526	25483	98056
	+	12	39734 53519		+	12	38217 81115
	-		151 53481		-		151 84049

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

42°	Sine.			42°	Sine.		
20'	.61538	63701	79171	30'	.61662	37523	63659
	+	12	38065 97066		+	12	36545 88613
	-		151 87105		-		152 17632
21	.61551	01767	76237	31	.61674	74069	52272
	+	12	37914 09961		+	12	36393 70981
	-		151 90159		-		152 20683
22	.61563	39681	86198	32	.61687	10463	23253
	+	12	37762 19802		+	12	36241 50298
	-		151 93214		-		152 23734
23	.61575	77444	06000	33	.61699	46704	73551
	+	12	37610 26588		+	12	36089 26564
	-		151 96266		-		152 26783
24	.61588	15054	32588	34	.61711	82794	00115
	+	12	37458 30322		+	12	35936 99781
	-		151 99321		-		152 29832
25	.61600	52512	62910	35	.61724	18730	99896
	+	12	37306 31001		+	12	35784 69949
	-		152 02373		-		152 32882
26	.61612	89818	93911	36	.61736	54515	69845
	+	12	37154 28628		+	12	35632 37067
	-		152 05426		-		152 35931
27	.61625	26973	22539	37	.61748	90148	06912
	+	12	37002 23202		+	12	35480 01136
	-		152 08478		-		152 38979
28	.61637	63975	45741	38	.61761	25628	08048
	+	12	36850 14724		+	12	35327 62157
	-		152 11530		-		152 42028
29	.61650	00825	60465	39	.61773	60955	70205
	+	12	36698 03194		+	12	35175 20129
	-		152 14581		-		152 45074

42 ^c	Sine.			42 ^c	Sine.		
40'	.61785	96130	90334	50'	.61909	39493	09834
	+	12	35022 75055		+	12	33496 56767
	-		152 48122		-		152 78574
41	.61798	31153	65389	51	.61921	72989	66601
	+	12	34870 26933		+	12	33343 78193
	-		152 51170		-		152 81618
42	.61810	66023	92322	52	.61934	06333	44794
	+	12	34717 75763		+	12	33190 96575
	-		152 54215		-		152 84661
43	.61823	00741	68085	53	.61946	39524	41369
	+	12	34565 21548		+	12	33038 11914
	-		152 57262		-		152 87702
44	.61835	35306	89633	54	.61958	72562	53283
	+	12	34412 64286		+	12	32885 24212
	-		152 60307		-		152 90745
45	.61847	69719	53919	55	.61971	05447	77495
	+	12	34260 03979		+	12	32732 33467
	-		152 63353		-		152 93786
46	.61860	03979	57898	56	.61983	38180	10962
	+	12	34107 40626		+	12	32579 39681
	-		152 66399		-		152 96828
47	.61872	38086	98524	57	.61995	70759	50643
	+	12	33954 74227		+	12	32426 42853
	-		152 69442		-		152 99868
48	.61884	72041	72751	58	.62008	03185	93496
	+	12	33802 04785		+	12	32273 42985
	-		152 72487		-		153 02910
49	.61897	05843	77536	59	.62020	35459	36481
	+	12	33649 32298		+	12	32120 40075
	-		152 75531		-		153 05949

42 ^c	Sine.			42 ^c	Sine.		
60'	.62032	67579	76556	70'	.62155	80360	48668
	+	12 31967	34126		+	12 30435	07509
	-	153 08989			-	153 39365	
61	.62044	99547	10682	71	.62168	10795	56177
	+	12 31814	25137		+	12 30281	68144
	-	153 12028			-	153 42401	
62	.62057	31361	35819	72	.62180	41077	24321
	+	12 31661	13109		+	12 30128	25743
	-	153 15067			-	153 45437	
63	.62069	63022	48928	73	.62192	71205	50064
	+	12 31507	98042		+	12 29974	80306
	-	153 18107			-	153 48472	
64	.62081	94530	46970	74	.62205	01180	30370
	+	12 31354	79935		+	12 29821	31834
	-	153 21143			-	153 51505	
65	.62094	25885	26905	75	.62217	31001	62204
	+	12 31201	58792		+	12 29667	80329
	-	153 24183			-	153 54541	
66	.62106	57086	85697	76	.62229	60669	42533
	+	12 31048	34609		+	12 29514	25788
	-	153 27220			-	153 57573	
67	.62118	88135	20306	77	.62241	90183	68321
	+	12 30895	07389		+	12 29360	68215
	-	153 30256			-	153 60607	
68	.62131	19030	27695	78	.62254	19544	36536
	+	12 30741	77133		+	12 29207	07608
	-	153 33293			-	153 63639	
69	.62143	49772	04828	79	.62266	48751	44144
	+	12 30588	43840		+	12 29053	43969
	-	153 36331			-	153 66674	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

42°	Sine.			42°	Sine.		
80'	.62278	77804	88113	90'	.62401	59882	60619
	+	12	28899 77295		+	12	27361 43862
	-		153 69704		-		154 00005
81	.62291	06704	65408	91	.62413	87244	04481
	+	12	28746 07591		+	12	27207 43857
	-		153 72737		-		154 03034
82	.62303	35450	72999	92	.62426	14451	48338
	+	12	28592 34854		+	12	27053 40823
	-		153 75767		-		154 06061
83	.62315	64043	07853	93	.62438	41504	89161
	+	12	28438 59087		+	12	26899 34762
	-		153 78800		-		154 09089
84	.62327	92481	66940	94	.62450	68404	23923
	+	12	28284 80287		+	12	26745 25673
	-		153 81829		-		154 12115
85	.62340	20766	47227	95	.62462	95149	49596
	+	12	28130 98458		+	12	26591 13558
	-		153 84861		-		154 15143
86	.62352	48897	45685	96	.62475	21740	63154
	+	12	27977 13597		+	12	26436 98415
	-		153 87889		-		154 18167
87	.62364	76874	59282	97	.62487	48177	61569
	+	12	27823 25708		+	12	26282 80248
	-		153 90919		-		154 21194
88	.62377	04697	84990	98	.62499	74460	41817
	+	12	27669 34789		+	12	26128 59054
	-		153 93949		-		154 24220
89	.62389	32367	19779	99	.62512	00589	00871
	+	12	27515 40840		+	12	25974 34834
	-		153 96978		-		154 27243

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

43 ^c	Sine.			43 ^c	Sine.		
00'	.62524	26563	35705	10'	.62646	77816	86691
	+	12	25820 07591		+	12	24275 68859
	-		154 30270		-		154 60493
01	.62536	52383	43296	11	.62659	02092	55550
	+	12	25665 77321		+	12	24121 08366
	-		154 33292		-		154 63515
02	.62548	78049	20617	12	.62671	26213	63916
	+	12	25511 44029		+	12	23966 44851
	-		154 36317		-		154 66533
03	.62561	03560	64646	13	.62683	50180	08767
	+	12	25357 07712		+	12	23811 78318
	-		154 39340		-		154 69555
04	.62573	28917	72358	14	.62695	73991	87085
	+	12	25202 68372		+	12	23657 08763
	-		154 42364		-		154 72572
05	.62585	54120	40730	15	.62707	97648	95848
	+	12	25048 26008		+	12	23502 36191
	-		154 45386		-		154 75592
06	.62597	79168	66738	16	.62720	21151	32039
	+	12	24893 80622		+	12	23347 60599
	-		154 48407		-		154 78610
07	.62610	04062	47360	17	.62732	44498	92638
	+	12	24739 32215		+	12	23192 81989
	-		154 51431		-		154 81629
08	.62622	28801	79575	18	.62744	67691	74627
	+	12	24584 80784		+	12	23038 00360
	-		154 54452		-		154 84647
09	.62634	53386	60359	19	.62756	90729	74987
	+	12	24430 26332		+	12	22883 15713
	-		154 57473		-		154 87662

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

43 ^c	Sine.			43 ^c	Sine.		
20'	.62769	13612	90700	30'	.62891	33921	28673
	+	12	22728 28051		+	12	21177 85545
	-		154 90681		-		155 20828
21	.62781	36341	18751	31	.62903	55099	14218
	+	12	22573 37370		+	12	21022 64717
	-		154 93697		-		155 23843
22	.62793	58914	56121	32	.62915	76121	78935
	+	12	22418 43673		+	12	20867 40874
	-		154 96714		-		155 26853
23	.62805	81332	99794	33	.62927	96989	19809
	+	12	22263 46959		+	12	20712 14021
	-		154 99728		-		155 29867
24	.62818	03596	46753	34	.62940	17701	33830
	+	12	22108 47231		+	12	20556 84154
	-		155 02745		-		155 32878
25	.62830	25704	93984	35	.62952	38258	17984
	+	12	21953 44486		+	12	20401 51276
	-		155 05760		-		155 35889
26	.62842	47658	38470	36	.62964	58659	69260
	+	12	21798 38726		+	12	20246 15387
	-		155 08774		-		155 38899
27	.62854	69456	77196	37	.62976	78905	84647
	+	12	21643 29952		+	12	20090 76488
	-		155 11788		-		155 41911
28	.62866	91100	07148	38	.62988	98996	61135
	+	12	21488 18164		+	12	19935 34577
	-		155 14803		-		155 44920
29	.62879	12588	25312	39	.63001	18931	95712
	+	12	21333 03361		+	12	19779 89657
	-		155 17816		-		155 47930

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

43 ^c	Sine.			43 ^c	Sine.		
40'	.63013	38711	85369	50'	.63135	27954	49378
	+	12	19624 41727		+	12	18067 96978
	-		155 50940		-		155 81011
41	.63025	58336	27096	51	.63147	46022	46356
	+	12	19468 90787		+	12	17912 15967
	-		155 53947		-		155 84017
42	.63037	77805	17883	52	.63159	63934	62323
	+	12	19313 36840		+	12	17756 31950
	-		155 56958		-		155 87020
43	.63049	97118	54723	53	.63171	81690	94273
	+	12	19157 79882		+	12	17600 44930
	-		155 59964		-		155 90026
44	.63062	16276	34605	54	.63183	99291	39203
	+	12	19002 19918		+	12	17444 54904
	-		155 62973		-		155 93029
45	.63074	35278	54523	55	.63196	16735	94107
	+	12	18846 56945		+	12	17288 61875
	-		155 65981		-		155 96033
46	.63086	54125	11468	56	.63208	34024	55982
	+	12	18690 90964		+	12	17132 65842
	-		155 68986		-		155 99035
47	.63098	72816	02432	57	.63220	51157	21824
	+	12	18535 21978		+	12	16976 66807
	-		155 71994		-		156 02040
48	.63110	91351	24410	58	.63232	68133	88631
	+	12	18379 49984		+	12	16820 64767
	-		155 75000		-		156 05041
49	.63123	09730	74394	59	.63244	84954	53398
	+	12	18223 74984		+	12	16664 59726
	-		155 78006		-		156 08042

43 ^c	Sine.			43 ^c	Sine.		
60'	.63257	01619	13124	70'	.63378	59675	72879
	+	12	16508 51684		+	12	14946 06227
	-		156 11046		-		156 41040
61	.63269	18127	64808	71	.63390	74621	79106
	+	12	16352 40638		+	12	14789 65187
	-		156 14045		-		156 44037
62	.63281	34480	05446	72	.63402	89411	44293
	+	12	16196 26593		+	12	14633 21150
	-		156 17047		-		156 47033
63	.63293	50676	32039	73	.63415	04044	65443
	+	12	16040 09546		+	12	14476 74117
	-		156 20048		-		156 50032
64	.63305	66716	41585	74	.63427	18521	39560
	+	12	15883 89498		+	12	14320 24085
	-		156 23046		-		156 53026
65	.63317	82600	31083	75	.63439	32841	63645
	+	12	15727 66452		+	12	14163 71059
	-		156 26048		-		156 56022
66	.63329	98327	97535	76	.63451	47005	34704
	+	12	15571 40404		+	12	14007 15037
	-		156 29046		-		156 59019
67	.63342	13899	37939	77	.63463	61012	49741
	+	12	15415 11358		+	12	13850 56018
	-		156 32045		-		156 62013
68	.63354	29314	49297	78	.63475	74863	05759
	+	12	15258 79313		+	12	13693 94005
	-		156 35044		-		156 65008
69	.63366	44573	28610	79	.63487	88556	99764
	+	12	15102 44269		+	12	13537 28997
	-		156 38042		-		156 68002

43 ^c	Sine.			43 ^c	Sine.		
80'	.63500	02094	28761	90'	.63621	28844	84749
	+	12	13380 60995		+	12	11812 16374
	-		156 70996		-		157 00915
81	.63512	15474	89756	91	.63633	40657	01123
	+	12	13223 89999		+	12	11655 15459
	-		156 73990		-		157 03903
82	.63524	28698	79755	92	.63645	52312	16582
	+	12	13067 16009		+	12	11498 11556
	-		156 76982		-		157 06892
83	.63536	41765	95764	93	.63657	63810	28138
	+	12	12910 39027		+	12	11341 04664
	-		156 79976		-		157 09882
84	.63548	54676	34791	94	.63669	75151	32802
	+	12	12753 59051		+	12	11183 94782
	-		156 82967		-		157 12870
85	.63560	67429	93842	95	.63681	86335	27584
	+	12	12596 76084		+	12	11026 81912
	-		156 85960		-		157 15858
86	.63572	80026	69926	96	.63693	97362	09496
	+	12	12439 90124		+	12	10869 66054
	-		156 88952		-		157 18845
87	.63584	92466	60050	97	.63706	08231	75550
	+	12	12283 01172		+	12	10712 47209
	-		156 91942		-		157 21834
88	.63597	04749	61222	98	.63718	18944	22759
	+	12	12126 09230		+	12	10555 25375
	-		156 94933		-		157 24819
89	.63609	16875	70452	99	.63730	29499	48134
	+	12	11969 14297		+	12	10398 00556
	-		156 97923		-		157 27807

44 ^c	Sine.			44 ^c	Sine.		
00'	.63742	39897	48690	10'	.63863	35222	32300
	+	12	10240 72749		+	12	08666 30510
	-		157 30793		-		157 60634
01	.63754	50138	21439	11	.63875	43888	62810
	+	12	10083 41956		+	12	08508 69876
	-		157 33778		-		157 63613
02	.63766	60221	63395	12	.63887	52397	32686
	+	12	09926 08178		+	12	08351 06263
	-		157 36764		-		157 66597
03	.63778	70147	71573	13	.63899	60748	38949
	+	12	09768 71414		+	12	08193 39666
	-		157 39749		-		157 69577
04	.63790	79916	42987	14	.63911	68941	78615
	+	12	09611 31665		+	12	08035 70089
	-		157 42733		-		157 72558
05	.63802	89527	74652	15	.63923	76977	48704
	+	12	09453 88932		+	12	07877 97531
	-		157 45718		-		157 75539
06	.63814	98981	63584	16	.63935	84855	46235
	+	12	09296 43214		+	12	07720 21992
	-		157 48701		-		157 78517
07	.63827	08278	06798	17	.63947	92575	68227
	+	12	09138 94513		+	12	07562 43475
	-		157 51684		-		157 81498
08	.63839	17417	01311	18	.63960	00138	11702
	+	12	08981 42829		+	12	07404 61977
	-		157 54669		-		157 84478
09	.63851	26398	44140	19	.63972	07542	73679
	+	12	08823 88160		+	12	07246 77499
	-		157 57650		-		157 87454

44 ^c	Sine.			44 ^c	Sine.		
20'	.63984	14789	51178	30'	.64104	78569	24813
	+	12 07088	90045		+	12 05508	51741
	-	157 90435			-	158 20196	
21	.63996	21878	41223	31	.64116	84077	76554
	+	12 06930	99610		+	12 05350	31545
	-	157 93412			-	158 23170	
22	.64008	28809	40833	32	.64128	89428	08099
	+	12 06773	06198		+	12 05192	08375
	-	157 96390			-	158 26145	
23	.64020	35582	47031	33	.64140	94620	16474
	+	12 06615	09808		+	12 05033	82230
	-	157 99366			-	158 29117	
24	.64032	42197	56839	34	.64152	99653	98704
	+	12 06457	10442		+	12 04875	53113
	-	158 02344			-	158 32090	
25	.64044	48654	67281	35	.64165	04529	51817
	+	12 06299	08098		+	12 04717	21023
	-	158 05320			-	158 35063	
26	.64056	54953	75379	36	.64177	09246	72840
	+	12 06141	02778		+	12 04558	85960
	-	158 08296			-	158 38034	
27	.64068	61094	78157	37	.64189	13805	58800
	+	12 05982	94482		+	12 04400	47926
	-	158 11272			-	158 41008	
28	.64080	67077	72639	38	.64201	18206	06726
	+	12 05824	83210		+	12 04242	06918
	-	158 14246			-	158 43978	
29	.64092	72902	55849	39	.64213	22448	13644
	+	12 05666	68964		+	12 04083	62940
	-	158 17223			-	158 46948	

44 ^c	Sine.			44 ^c	Sine.		
40'	.64225	26531	76584	50'	.64345	58647	33779
	+	12 03925	15992		+	12 02338	83185
	-	158 49920			-	158 79604	
41	.64237	30456	92576	51	.64357	60986	16964
	+	12 03766	66072		+	12 02180	03581
	-	158 52890			-	158 82570	
42	.64249	34223	58648	52	.64369	63166	20545
	+	12 03608	13182		+	12 02021	21011
	-	158 55860			-	158 85536	
43	.64261	37831	71830	53	.64381	65187	41556
	+	12 03449	57322		+	12 01862	35475
	-	158 58828			-	158 88501	
44	.64273	41281	29152	54	.64393	67049	77031
	+	12 03290	98494		+	12 01703	46974
	-	158 61798			-	158 91466	
45	.64285	44572	27646	55	.64405	68753	24005
	+	12 03132	36696		+	12 01544	55508
	-	158 64767			-	158 94432	
46	.64297	47704	64342	56	.64417	70297	79513
	+	12 02973	71929		+	12 01385	61076
	-	158 67735			-	158 97394	
47	.64309	50678	36271	57	.64429	71683	40589
	+	12 02815	04194		+	12 01226	63682
	-	158 70702			-	159 00361	
48	.64321	53493	40465	58	.64441	72910	04271
	+	12 02656	33492		+	12 01067	63321
	-	158 73670			-	159 03322	
49	.64333	56149	73957	59	.64453	73977	67592
	+	12 02497	59822		+	12 00908	59999
	-	158 76637			-	159 06286	

44 ^c	Sine.			44 ^c	Sine.		
60'	.64465	74886	27591	70'	.64585	75218	93134
	+	12 00749	53713		+	11 99157	27968
	-	159 09248			-	159 38854	
61	.64477	75635	81304	71	.64597	74376	21102
	+	12 00590	44465		+	11 98997	89114
	-	159 12212			-	159 41812	
62	.64489	76226	25769	72	.64609	73374	10216
	+	12 00431	32253		+	11 98838	47302
	-	159 15172			-	159 44772	
63	.64501	76657	58022	73	.64621	72212	57518
	+	12 00272	17081		+	11 98679	02530
	-	159 18135			-	159 47728	
64	.64513	76929	75103	74	.64633	70891	60048
	+	12 00112	98946		+	11 98519	54802
	-	159 21096			-	159 50686	
65	.64525	77042	74049	75	.64645	69411	14850
	+	11 99953	77850		+	11 98360	04116
	-	159 24056			-	159 53642	
66	.64537	76996	51899	76	.64657	67771	18966
	+	11 99794	53794		+	11 98200	50474
	-	159 27017			-	159 56599	
67	.64549	76791	05693	77	.64669	65971	69440
	+	11 99635	26777		+	11 98040	93875
	-	159 29977			-	159 59555	
68	.64561	76426	32470	78	.64681	64012	63315
	+	11 99475	96800		+	11 97881	34320
	-	159 32936			-	159 62511	
69	.64573	75902	29270	79	.64693	61893	97635
	+	11 99316	63864		+	11 97721	71809
	-	159 35896			-	159 65465	

44 ^c	Sine.			44 ^c	Sine.		
80'	.64705	59615	69444	90'	.64825	28046	99491
	+	11	97562 06344		+	11	95963 89232
	-		159 68422		-		159 97947
81	.64717	57177	75788	91	.64837	24010	88723
	+	11	97402 37922		+	11	95803 91285
	-		159 71374		-		160 00899
82	.64729	54580	13710	92	.64849	19814	80008
	+	11	97242 66548		+	11	95643 90386
	-		159 74330		-		160 03849
83	.64741	51822	80258	93	.64861	15458	70394
	+	11	97082 92218		+	11	95483 86537
	-		159 77283		-		160 06797
84	.64753	48905	72476	94	.64873	10942	56931
	+	11	96923 14935		+	11	95323 79740
	-		159 80236		-		160 09748
85	.64765	45828	87411	95	.64885	06266	36671
	+	11	96763 34699		+	11	95163 69992
	-		159 83189		-		160 12696
86	.64777	42592	22110	96	.64897	01430	06663
	+	11	96603 51510		+	11	95003 57296
	-		159 86142		-		160 15646
87	.64789	39195	73620	97	.64908	96433	63959
	+	11	96443 65368		+	11	94843 41650
	-		159 89094		-		160 18592
88	.64801	35639	38988	98	.64920	91277	05609
	+	11	96283 76274		+	11	94683 23058
	-		159 92045		-		160 21541
89	.64813	31923	15262	99	.64932	85960	28667
	+	11	96123 84229		+	11	94523 01517
	-		159 94997		-		160 24489

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

45 ^c	Sine.			45 ^c	Sine.		
00'	.64944	80483	30184	10'	.65064	16895	12376
	+	11 94362	77028		+	11 92758	70128
	-	160 27435			-	160 56883	
01	.64956	74846	07212	11	.65076	09653	82504
	+	11 94202	49593		+	11 92598	13245
	-	160 30381			-	160 59827	
02	.64968	69048	56805	12	.65088	02251	95749
	+	11 94042	19212		+	11 92437	53418
	-	160 33329			-	160 62767	
03	.64980	63090	76017	13	.65099	94689	49167
	+	11 93881	85883		+	11 92276	90651
	-	160 36273			-	160 65710	
04	.64992	56972	61900	14	.65111	86966	39818
	+	11 93721	49610		+	11 92116	24941
	-	160 39220			-	160 68652	
05	.65004	50694	11510	15	.65123	79082	64759
	+	11 93561	10390		+	11 91955	56289
	-	160 42164			-	160 71592	
06	.65016	44255	21900	16	.65135	71038	21048
	+	11 93400	68226		+	11 91794	84697
	-	160 45108			-	160 74532	
07	.65028	37655	90126	17	.65147	62833	05745
	+	11 93240	23118		+	11 91634	10165
	-	160 48053			-	160 77474	
08	.65040	30896	13244	18	.65159	54467	15910
	+	11 93079	75065		+	11 91473	32691
	-	160 50998			-	160 80413	
09	.65052	23975	88309	19	.65171	45940	48601
	+	11 92919	24067		+	11 91312	52278
	-	160 53939			-	160 83353	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

45 ^c	Sine.			45 ^c	Sine.		
20'	.65183	37253	00879	30'	.65302	41527	54461
	+	11 91151	68925		+	11 89541	73818
	-	160 86291			-	161 15659	
21	.65195	28404	69804	31	.65314	31069	28279
	+	11 90990	82634		+	11 89380	58159
	-	160 89230			-	161 18596	
22	.65207	19395	52438	32	.65326	20449	86438
	+	11 90829	93404		+	11 89219	39563
	-	160 92168			-	161 21528	
23	.65219	10225	45842	33	.65338	09669	26001
	+	11 90669	01236		+	11 89058	18035
	-	160 95107			-	161 24464	
24	.65231	00894	47078	34	.65349	98727	44036
	+	11 90508	06129		+	11 88896	93571
	-	160 98044			-	161 27396	
25	.65242	91402	53207	35	.65361	87624	37607
	+	11 90347	08085		+	11 88735	66175
	-	161 00980			-	161 30329	
26	.65254	81749	61292	36	.65373	76360	03782
	+	11 90186	07105		+	11 88574	35846
	-	161 03918			-	161 33263	
27	.65266	71935	68397	37	.65385	64934	39628
	+	11 90025	03187		+	11 88413	02583
	-	161 06854			-	161 36195	
28	.65278	61960	71584	38	.65397	53347	42211
	+	11 89863	96333		+	11 88251	66388
	-	161 09789			-	161 39126	
29	.65290	51824	67917	39	.65409	41599	08599
	+	11 89702	86544		+	11 88090	27262
	-	161 12726			-	161 42058	

45 ^c	Sine.			45 ^c	Sine.		
40'	.65421	29689	35861	50'	.65540	01709	11794
	+	11 87928	85204		+	11 86313	03480
	-	161 44989			-	161 74278	
41	.65433	17618	21065	51	.65551	88022	15274
	+	11 87767	40215		+	11 86151	29202
	-	161 47920			-	161 77205	
42	.65445	05385	61280	52	.65563	74173	44476
	+	11 87605	92295		+	11 85989	51997
	-	161 50849			-	161 80132	
43	.65456	92991	53575	53	.65575	60162	96473
	+	11 87444	41446		+	11 85827	71865
	-	161 53781			-	161 83056	
44	.65468	80435	95021	54	.65587	45990	68338
	+	11 87282	87665		+	11 85665	88809
	-	161 56709			-	161 85983	
45	.65480	67718	82686	55	.65599	31656	57147
	+	11 87121	30956		+	11 85504	02826
	-	161 59639			-	161 88907	
46	.65492	54840	13642	56	.65611	17160	59973
	+	11 86959	71317		+	11 85342	13919
	-	161 62567			-	161 91833	
47	.65504	41799	84959	57	.65623	02502	73892
	+	11 86798	08750		+	11 85180	22086
	-	161 65496			-	161 94756	
48	.65516	28597	93709	58	.65634	87682	95978
	+	11 86636	43254		+	11 85018	27330
	-	161 68423			-	161 97682	
49	.65528	15234	36963	59	.65646	72701	23308
	+	11 86474	74831		+	11 84856	29648
	-	161 71351			-	162 00603	

45 ^c	Sine.			45 ^c	Sine.		
60'	.65658	57557	52956	70'	.65776	97205	34036
	+	11 84694	29045		+	11 83072	62298
	-	162 03527			-	162 32736	
61	.65670	42251	82001	71	.65788	80277	96334
	+	11 84532	25518		+	11 82910	29562
	-	162 06451			-	162 35656	
62	.65682	26784	07519	72	.65800	63188	25896
	+	11 84370	19067		+	11 82747	93906
	-	162 09372			-	162 38573	
63	.65694	11154	26586	73	.65812	45936	19802
	+	11 84208	09695		+	11 82585	55333
	-	162 12293			-	162 41491	
64	.65705	95362	36281	74	.65824	28521	75135
	+	11 84045	97402		+	11 82423	13842
	-	162 15217			-	162 44409	
65	.65717	79408	33683	75	.65836	10944	88977
	+	11 83883	82185		+	11 82260	69433
	-	162 18137			-	162 47326	
66	.65729	63292	15868	76	.65847	93205	58410
	+	11 83721	64048		+	11 82098	22107
	-	162 21057			-	162 50243	
67	.65741	47013	79916	77	.65859	75303	80517
	+	11 83559	42991		+	11 81935	71864
	-	162 23977			-	162 53158	
68	.65753	30573	22907	78	.65871	57239	52381
	+	11 83397	19014		+	11 81773	18706
	-	162 26899			-	162 56076	
69	.65765	13970	41921	79	.65883	39012	71087
	+	11 83234	92115		+	11 81610	62630
	-	162 29817			-	162 58990	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

45 ^c	Sine.			45 ^c	Sine.		
80'	.65895	20623	33717	90'	.66013	27782	34689
	+	11	81448 03640		+	11	79820 53471
	-		162 61906		-		162 91034
81	.65907	02071	37357	91	.66025	07602	88160
	+	11	81285 41734		+	11	79657 62437
	-		162 64819		-		162 93945
82	.65918	83356	79091	92	.66036	87260	50597
	+	11	81122 76915		+	11	79494 68492
	-		162 67736		-		162 96856
83	.65930	64479	56006	93	.66048	66755	19089
	+	11	80960 09179		+	11	79331 71636
	-		162 70647		-		162 99765
84	.65942	45439	65185	94	.66060	46086	90725
	+	11	80797 38532		+	11	79168 71871
	-		162 73563		-		163 02675
85	.65954	26237	03717	95	.66072	25255	62596
	+	11	80634 64969		+	11	79005 69196
	-		162 76474		-		163 05584
86	.65966	06871	68686	96	.66084	04261	31792
	+	11	80471 88495		+	11	78842 63612
	-		162 79389		-		163 08493
87	.65977	87343	57181	97	.66095	83103	95404
	+	11	80309 09106		+	11	78679 55119
	-		162 82299		-		163 11400
88	.65989	67652	66287	98	.66107	61783	50523
	+	11	80146 26807		+	11	78516 43719
	-		162 85212		-		163 14309
89	.66001	47798	93094	99	.66119	40299	94242
	+	11	79983 41595		+	11	78353 29410
	-		162 88124		-		163 17216

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

46°	Sine.			46°	Sine.		
00'	.66131	18653	23652	10'	.66248	93206	91327
	+	11 78190	12194		+	11 76556	80209
	-	163 20124			-	163 49171	
01	.66142	96843	35846	11	.66260	69763	71536
	+	11 78026	92070		+	11 76393	31038
	-	163 23029			-	163 52075	
02	.66154	74870	27916	12	.66272	46157	02574
	+	11 77863	69041		+	11 76229	78963
	-	163 25937			-	163 54977	
03	.66166	52733	96957	13	.66284	22386	81537
	+	11 77700	43104		+	11 76066	23986
	-	163 28842			-	163 57878	
04	.66178	30434	40061	14	.66295	98453	05523
	+	11 77537	14262		+	11 75902	66108
	-	163 31747			-	163 60780	
05	.66190	07971	54323	15	.66307	74355	71631
	+	11 77373	82515		+	11 75739	05328
	-	163 34653			-	163 63680	
06	.66201	85345	36838	16	.66319	50094	76959
	+	11 77210	47862		+	11 75575	41648
	-	163 37557			-	163 66583	
07	.66213	62555	84700	17	.66331	25670	18607
	+	11 77047	10305		+	11 75411	75065
	-	163 40462			-	163 69481	
08	.66225	39602	95005	18	.66343	01081	93672
	+	11 76883	69843		+	11 75248	05584
	-	163 43364			-	163 72382	
09	.66237	16486	64848	19	.66354	76329	99256
	+	11 76720	26479		+	11 75084	33202
	-	163 46270			-	163 75280	

46°	Sine.			46°	Sine.		
20'	.66366	51414	32458	30'	.66483	93246	45827
	+	11 74920	57922		+	11 73281	45733
	-	163 78181			-	164 07147	
21	.66378	26334	90380	31	.66495	66527	91560
	+	11 74756	79741		+	11 73117	38586
	-	163 81078			-	164 10043	
22	.66390	01091	70121	32	.66507	39645	30146
	+	11 74592	98663		+	11 72953	28543
	-	163 83977			-	164 12936	
23	.66401	75684	68784	33	.66519	12598	58689
	+	11 74429	14686		+	11 72789	15607
	-	163 86874			-	164 15830	
24	.66413	50113	83470	34	.66530	85387	74296
	+	11 74265	27812		+	11 72624	99777
	-	163 89773			-	164 18724	
25	.66425	24379	11282	35	.66542	58012	74073
	+	11 74101	38039		+	11 72460	81053
	-	163 92668			-	164 21616	
26	.66436	98480	49321	36	.66554	30473	55126
	+	11 73937	45371		+	11 72296	59437
	-	163 95566			-	164 24509	
27	.66448	72417	94692	37	.66566	02770	14563
	+	11 73773	49805		+	11 72132	34928
	-	163 98461			-	164 27401	
28	.66460	46191	44497	38	.66577	74902	49491
	+	11 73609	51344		+	11 71968	07527
	-	164 01358			-	164 30293	
29	.66472	19800	95841	39	.66589	46870	57018
	+	11 73445	49986		+	11 71803	77234
	-	164 04253			-	164 33185	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

46 ^c	Sine.			46 ^c	Sine.		
40'	.66601	18674	34252	50'	.66718	27669	04600
	+	11	71639 44049		+	11	69994 53276
	-		164 36074		-		164 64962
41	.66612	90313	78301	51	.66729	97663	57876
	+	11	71475 07975		+	11	69829 88314
	-		164 38965		-		164 67848
42	.66624	61788	86276	52	.66741	67493	46190
	+	11	71310 69010		+	11	69665 20466
	-		164 41857		-		164 70734
43	.66636	33099	55286	53	.66753	37158	66656
	+	11	71146 27153		+	11	69500 49732
	-		164 44744		-		164 73621
44	.66648	04245	82439	54	.66765	06659	16388
	+	11	70981 82409		+	11	69335 76111
	-		164 47635		-		164 76504
45	.66659	75227	64848	55	.66776	75994	92499
	+	11	70817 34774		+	11	69170 99607
	-		164 50524		-		164 79390
46	.66671	46044	99622	56	.66788	45165	92106
	+	11	70652 84250		+	11	69006 20217
	-		164 53412		-		164 82274
47	.66683	16697	83872	57	.66800	14172	12323
	+	11	70488 30838		+	11	68841 37943
	-		164 56299		-		164 85159
48	.66694	87186	14710	58	.66811	83013	50266
	+	11	70323 74539		+	11	68676 52784
	-		164 59188		-		164 88041
49	.66706	57509	89249	59	.66823	51690	03050
	+	11	70159 15351		+	11	68511 64743
	-		164 62075		-		164 90925

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

46°	Sine.			46°	Sine.		
60'	.66835	20201	67793	70'	.66951	96243	38816
	+	11 68346	73818		+	11 66696	06081
	-	164 93809			-	165 22613	
61	.66846	88548	41611	71	.66963	62939	44897
	+	11 68181	80009		+	11 66530	83468
	-	164 96689			-	165 25492	
62	.66858	56730	21620	72	.66975	29470	28365
	+	11 68016	83320		+	11 66365	57976
	-	164 99573			-	165 28369	
63	.66870	24747	04940	73	.66986	95835	86341
	+	11 67851	83747		+	11 66200	29607
	-	165 02454			-	165 31247	
64	.66881	92598	88687	74	.66998	62036	15948
	+	11 67686	81293		+	11 66034	98360
	-	165 05334			-	165 34124	
65	.66893	60285	69980	75	.67010	28071	14308
	+	11 67521	75959		+	11 65869	64236
	-	165 08216			-	165 37001	
66	.66905	27807	45939	76	.67021	93940	78544
	+	11 67356	67743		+	11 65704	27235
	-	165 11096			-	165 39877	
67	.66916	95164	13682	77	.67033	59645	05779
	+	11 67191	56647		+	11 65538	87358
	-	165 13976			-	165 42752	
68	.66928	62355	70329	78	.67045	25183	93137
	+	11 67026	42671		+	11 65373	44606
	-	165 16855			-	165 45629	
69	.66940	29382	13000	79	.67056	90557	37743
	+	11 66861	25816		+	11 65207	98977
	-	165 19735			-	165 48503	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

46°	Sine.			46°	Sine.		
80'	.67068	55765	36720	90'	.67184	98738	84635
	+	11 65042	50474		+	11 63386	07405
	-	165 51378			-	165 80103	
81	.67080	20807	87194	91	.67196	62124	92040
	+	11 64876	99096		+	11 63220	27302
	-	165 54252			-	165 82971	
82	.67091	85684	86290	92	.67208	25345	19342
	+	11 64711	44844		+	11 63054	44331
	-	165 57125			-	165 85841	
83	.67103	50396	31134	93	.67219	88399	63673
	+	11 64545	87719		+	11 62888	58490
	-	165 60001			-	165 88712	
84	.67115	14942	18853	94	.67231	51288	22163
	+	11 64380	27718		+	11 62722	69778
	-	165 62871			-	165 91579	
85	.67126	79322	46571	95	.67243	14010	91941
	+	11 64214	64847		+	11 62556	78199
	-	165 65746			-	165 94449	
86	.67138	43537	11418	96	.67254	76567	70140
	+	11 64048	99101		+	11 62390	83750
	-	165 68616			-	165 97316	
87	.67150	07586	10519	97	.67266	38958	53890
	+	11 63883	30485		+	11 62224	86434
	-	165 71489			-	166 00184	
88	.67161	71469	41004	98	.67278	01183	40324
	+	11 63717	58996		+	11 62058	86250
	-	165 74361			-	166 03051	
89	.67173	35187	00000	99	.67289	63242	26574
	+	11 63551	84635		+	11 61892	83199
	-	165 77230			-	166 05918	

47 ^c	Sine.			47 ^c	Sine.		
00'	.67301	25135	09773	10'	.67417	34925	43437
	+	11 61726	77281		+	11 60064	60512
	-	166 08785			-	166 37426	
01	.67312	86861	87054	11	.67428	94990	03949
	+	11 61560	68496		+	11 59898	23086
	-	166 11650			-	166 40288	
02	.67324	48422	55550	12	.67440	54888	27035
	+	11 61394	56846		+	11 59731	82798
	-	166 14517			-	166 43151	
03	.67336	09817	12396	13	.67452	14620	09833
	+	11 61228	42329		+	11 59565	39647
	-	166 17381			-	166 46010	
04	.67347	71045	54725	14	.67463	74185	49480
	+	11 61062	24948		+	11 59398	93637
	-	166 20246			-	166 48872	
05	.67359	32107	79673	15	.67475	33584	43117
	+	11 60896	04702		+	11 59232	44765
	-	166 23112			-	166 51732	
06	.67370	93003	84375	16	.67486	92816	87882
	+	11 60729	81590		+	11 59065	93033
	-	166 25973			-	166 54592	
07	.67382	53733	65965	17	.67498	51882	80915
	+	11 60563	55617		+	11 58899	38441
	-	166 28839			-	166 57452	
08	.67394	14297	21582	18	.67510	10782	19356
	+	11 60397	26778		+	11 58732	80989
	-	166 31701			-	166 60310	
09	.67405	74694	48360	19	.67521	69515	00345
	+	11 60230	95077		+	11 58566	20679
	-	166 34565			-	166 63169	

47 ^c	Sine.			47 ^c	Sine.		
20'	.67533	28081	21024	30'	.67649	04573	82041
	+	11 58399	57510		+	11 56731	68684
	-	166 66027			-	166 94587	
21	.67544	86480	78534	31	.67660	61305	50725
	+	11 58232	91483		+	11 56564	74097
	-	166 68886			-	166 97441	
22	.67556	44713	70017	32	.67672	17870	24822
	+	11 58066	22597		+	11 56397	76656
	-	166 71742			-	167 00294	
23	.67568	02779	92614	33	.67683	74268	01478
	+	11 57899	50855		+	11 56230	76362
	-	166 74599			-	167 03148	
24	.67579	60679	43469	34	.67695	30498	77840
	+	11 57732	76256		+	11 56063	73214
	-	166 77457			-	167 05998	
25	.67591	18412	19725	35	.67706	86562	51054
	+	11 57565	98799		+	11 55896	67216
	-	166 80312			-	167 08852	
26	.67602	75978	18524	36	.67718	42459	18270
	+	11 57399	18487		+	11 55729	58364
	-	166 83169			-	167 11703	
27	.67614	33377	37011	37	.67729	98188	76634
	+	11 57232	35318		+	11 55562	46661
	-	166 86023			-	167 14555	
28	.67625	90609	72329	38	.67741	53751	23295
	+	11 57065	49295		+	11 55395	32106
	-	166 88878			-	167 17405	
29	.67637	47675	21624	39	.67753	09146	55401
	+	11 56898	60417		+	11 55228	14701
	-	166 91733			-	167 20255	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

47 ^c	Sine.			47 ^c	Sine.		
40'	.67764	64374	70102	50'	.67880	07455	32942
	+	11 55060	94446		+	11 53387	35207
	-	167 23106			-	167 51582	
41	.67776	19435	64548	51	.67891	60842	68149
	+	11 54893	71340		+	11 53219	83625
	-	167 25955			-	167 54429	
42	.67787	74329	35888	52	.67903	14062	51774
	+	11 54726	45385		+	11 53052	29196
	-	167 28805			-	167 57273	
43	.67799	29055	81273	53	.67914	67114	80970
	+	11 54559	16580		+	11 52884	71923
	-	167 31653			-	167 60118	
44	.67810	83614	97853	54	.67926	19999	52893
	+	11 54391	84927		+	11 52717	11805
	-	167 34501			-	167 62962	
45	.67822	38006	82780	55	.67937	72716	64698
	+	11 54224	50426		+	11 52549	48843
	-	167 37350			-	167 65807	
46	.67833	92231	33206	56	.67949	25266	13541
	+	11 54057	13076		+	11 52381	83036
	-	167 40196			-	167 68648	
47	.67845	46288	46282	57	.67960	77647	96577
	+	11 53889	72880		+	11 52214	14388
	-	167 43045			-	167 71494	
48	.67857	00178	19162	58	.67972	29862	10965
	+	11 53722	29835		+	11 52046	42894
	-	167 45890			-	167 74334	
49	.67868	53900	48997	59	.67983	81908	53859
	+	11 53554	83945		+	11 51878	68560
	-	167 48738			-	167 77177	

47 ^c	Sine.			47 ^c	Sine.		
60'	.67995	33787	22419	70'	.68110	43341	94527
	+	11	51710 91383		+	11	50031 63384
	-		167 80019		-		168 08412
61	.68006	85498	13802	71	.68121	93373	57911
	+	11	51543 11364		+	11	49863 54972
	-		167 82861		-		168 11252
62	.68018	37041	25166	72	.68133	43237	12883
	+	11	51375 28503		+	11	49695 43720
	-		167 85700		-		168 14086
63	.68029	88416	53669	73	.68144	92932	56603
	+	11	51207 42803		+	11	49527 29634
	-		167 88542		-		168 16925
64	.68041	39623	96472	74	.68156	42459	86237
	+	11	51039 54261		+	11	49359 12709
	-		167 91381		-		168 19759
65	.68052	90663	50733	75	.68167	91818	98946
	+	11	50871 62880		+	11	49190 92950
	-		167 94222		-		168 22595
66	.68064	41535	13613	76	.68179	41009	91896
	+	11	50703 68658		+	11	49022 70355
	-		167 97061		-		168 25430
67	.68075	92238	82271	77	.68190	90032	62251
	+	11	50535 71597		+	11	48854 44925
	-		167 99899		-		168 28265
68	.68087	42774	53868	78	.68202	38887	07176
	+	11	50367 71698		+	11	48686 16660
	-		168 02737		-		168 31100
69	.68098	93142	25566	79	.68213	87573	23836
	+	11	50199 68961		+	11	48517 85560
	-		168 05577		-		168 33932

47 ^c	Sine.			47 ^c	Sine.		
80'	.68225	36091	09396	90'	.68340	12006	31306
	+	11 48349	51628		+	11 46664	56527
	-	168 36767			-	168 65078	
81	.68236	84440	61024	91	.68351	58670	87833
	+	11 48181	14861		+	11 46495	91449
	-	168 39599			-	168 67907	
82	.68248	32621	75885	92	.68363	05166	79282
	+	11 48012	75262		+	11 46327	23542
	-	168 42433			-	168 70735	
83	.68259	80634	51147	93	.68374	51494	02824
	+	11 47844	32829		+	11 46158	52807
	-	168 45263			-	168 73564	
84	.68271	28478	83976	94	.68385	97652	55631
	+	11 47675	87566		+	11 45989	79243
	-	168 48097			-	168 76391	
85	.68282	76154	71542	95	.68397	43642	34874
	+	11 47507	39469		+	11 45821	02852
	-	168 50927			-	168 79217	
86	.68294	23662	11011	96	.68408	89463	37726
	+	11 47338	88542		+	11 45652	23635
	-	168 53759			-	168 82046	
87	.68305	71000	99553	97	.68420	35115	61361
	+	11 47170	34783		+	11 45483	41589
	-	168 56588			-	168 84871	
88	.68317	18171	34336	98	.68431	80599	02950
	+	11 47001	78195		+	11 45314	56718
	-	168 59420			-	168 87697	
89	.68328	65173	12531	99	.68443	25913	59668
	+	11 46833	18775		+	11 45145	69021
	-	168 62248			-	168 90523	

48 ^c	Sine.			48 ^c	Sine.		
00'	.68454	71059	28689	10'	.68569	13221	74136
	+	11 44976	78498		+	11 43286	17957
	-	168 93348			-	169 21575	
01	.68466	16036	07187	11	.68580	56507	92093
	+	11 44807	85150		+	11 43116	96382
	-	168 96173			-	169 24398	
02	.68477	60843	92337	12	.68591	99624	88475
	+	11 44638	88977		+	11 42947	71984
	-	168 98996			-	169 27216	
03	.68489	05482	81314	13	.68603	42572	60459
	+	11 44469	89981		+	11 42778	44768
	-	169 01822			-	169 30037	
04	.68500	49952	71295	14	.68614	85351	05227
	+	11 44300	88159		+	11 42609	14731
	-	169 04643			-	169 32855	
05	.68511	94253	59454	15	.68626	27960	19958
	+	11 44131	83516		+	11 42439	81876
	-	169 07468			-	169 35675	
06	.68523	38385	42970	16	.68637	70400	01834
	+	11 43962	76048		+	11 42270	46201
	-	169 10289			-	169 38493	
07	.68534	82348	19018	17	.68649	12670	48035
	+	11 43793	65759		+	11 42101	07708
	-	169 13113			-	169 41311	
08	.68546	26141	84777	18	.68660	54771	55743
	+	11 43624	52646		+	11 41931	66397
	-	169 15933			-	169 44129	
09	.68557	69766	37423	19	.68671	96703	22140
	+	11 43455	36713		+	11 41762	22268
	-	169 18756			-	169 46945	

48 ^c	Sine.			48 ^c	Sine.		
20'	.68683	38465	44408	30'	.68797	46762	20440
	+	11 41592	75323		+	11 39896	51011
	-	169 49764			-	169 77907	
21	.68694	80058	19731	31	.68808	86658	71451
	+	11 41423	25559		+	11 39726	73104
	-	169 52578			-	169 80720	
22	.68706	21481	45290	32	.68820	26385	44555
	+	11 41253	72981		+	11 39556	92384
	-	169 55395			-	169 83532	
23	.68717	62735	18271	33	.68831	65942	36939
	+	11 41084	17586		+	11 39387	08852
	-	169 58210			-	169 86341	
24	.68729	03819	35857	34	.68843	05329	45791
	+	11 40914	59376		+	11 39217	22511
	-	169 61026			-	169 89154	
25	.68740	44733	95233	35	.68854	44546	68302
	+	11 40744	98350		+	11 39047	33357
	-	169 63841			-	169 91964	
26	.68751	85478	93583	36	.68865	83594	01659
	+	11 40575	34509		+	11 38877	41393
	-	169 66653			-	169 94774	
27	.68763	26054	28092	37	.68877	22471	43052
	+	11 40405	67856		+	11 38707	46619
	-	169 69469			-	169 97584	
28	.68774	66459	95948	38	.68888	61178	89671
	+	11 40235	98387		+	11 38537	49035
	-	169 72282			-	170 00393	
29	.68786	06695	94335	39	.68899	99716	38706
	+	11 40066	26105		+	11 38367	48642
	-	169 75094			-	170 03201	

48 ^c	Sine.			48 ^c	Sine.		
40'	.68911	38083	87348	50'	.69025	12402	34437
	+	11 38197	45441		+	11 36495	59032
	-	170 06010			-	170 34070	
41	.68922	76281	32789	51	.69036	48897	93469
	+	11 38027	39431		+	11 36325	24962
	-	170 08818			-	170 36876	
42	.68934	14308	72220	52	.69047	85223	18431
	+	11 37857	30613		+	11 36154	88086
	-	170 11626			-	170 39677	
43	.68945	52166	02833	53	.69059	21378	06517
	+	11 37687	18987		+	11 35984	48409
	-	170 14432			-	170 42481	
44	.68956	89853	21820	54	.69070	57362	54926
	+	11 37517	04555		+	11 35814	05928
	-	170 17240			-	170 45284	
45	.68968	27370	26375	55	.69081	93176	60854
	+	11 37346	87315		+	11 35643	60644
	-	170 20045			-	170 48085	
46	.68979	64717	13690	56	.69093	28820	21498
	+	11 37176	67270		+	11 35473	12559
	-	170 22853			-	170 50887	
47	.68991	01893	80960	57	.69104	64293	34057
	+	11 37006	44417		+	11 35302	61672
	-	170 25656			-	170 53689	
48	.69002	38900	25377	58	.69115	99595	95729
	+	11 36836	18761		+	11 35132	07983
	-	170 28462			-	170 56489	
49	.69013	75736	44138	59	.69127	34728	03712
	+	11 36665	90299		+	11 34961	51494
	-	170 31267			-	170 59289	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

48 ^c	Sine.			48 ^c	Sine.		
60'	.69138	69689	55206	70'	.69252	09917	47359
	+	11 34790	92205		+	11 33083	45378
	-	170 62090			-	170 90066	
61	.69150	04480	47411	71	.69263	43000	92737
	+	11 34620	30115		+	11 32912	55312
	-	170 64890			-	170 92862	
62	.69161	39100	77526	72	.69274	75913	48049
	+	11 34449	65225		+	11 32741	62450
	-	170 67687			-	170 95656	
63	.69172	73550	42751	73	.69286	08655	10499
	+	11 34278	97538		+	11 32570	66794
	-	170 70488			-	170 98451	
64	.69184	07829	40289	74	.69297	41225	77293
	+	11 34108	27050		+	11 32399	68343
	-	170 73285			-	171 01246	
65	.69195	41937	67339	75	.69308	73625	45636
	+	11 33937	53765		+	11 32228	67097
	-	170 76084			-	171 04038	
66	.69206	75875	21104	76	.69320	05854	12733
	+	11 33766	77681		+	11 32057	63059
	-	170 78880			-	171 06832	
67	.69218	09641	98785	77	.69331	37911	75792
	+	11 33595	98801		+	11 31886	56227
	-	170 81677			-	171 09625	
68	.69229	43237	97586	78	.69342	69798	32019
	+	11 33425	17124		+	11 31715	46602
	-	170 84475			-	171 12418	
69	.69240	76663	14710	79	.69354	01513	78621
	+	11 33254	32649		+	11 31544	34184
	-	170 87271			-	171 15209	

48 ^c	Sine.			48 ^c	Sine.		
80'	.69365	33058	12805	90'	.69478	39083	57673
	+	11 31373	18975		+	11 29660	13417
	-	171 18000			-	171 45893	
81	.69376	64431	31780	91	.69489	68743	71090
	+	11 31202	00975		+	11 29488	67524
	-	171 20793			-	171 48680	
82	.69387	95633	32755	92	.69500	98232	38614
	+	11 31030	80182		+	11 29317	18844
	-	171 23582			-	171 51467	
83	.69399	26664	12937	93	.69512	27549	57458
	+	11 30859	56600		+	11 29145	67377
	-	171 26373			-	171 54252	
84	.69410	57523	69537	94	.69523	56695	24835
	+	11 30688	30227		+	11 28974	13125
	-	171 29163			-	171 57038	
85	.69421	88211	99764	95	.69534	85669	37960
	+	11 30517	01064		+	11 28802	56087
	-	171 31953			-	171 59824	
86	.69433	18729	00828	96	.69546	14471	94047
	+	11 30345	69111		+	11 28630	96263
	-	171 34740			-	171 62608	
87	.69444	49074	69939	97	.69557	43102	90310
	+	11 30174	34371		+	11 28459	33655
	-	171 37530			-	171 65392	
88	.69455	79249	04310	98	.69568	71562	23965
	+	11 30002	96841		+	11 28287	68263
	-	171 40319			-	171 68177	
89	.69467	09252	01151	99	.69579	99849	92228
	+	11 29831	56522		+	11 28116	00086
	-	171 43105			-	171 70959	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

49 ^c	Sine.			49 ^c	Sine.		
00'	.69591	27965	92314	10'	.69703	99677	31308
	+	11	27944 29127		+	11	26225 66527
	-		171 73744		-		172 01551
01	.69602	55910	21441	11	.69715	25902	97835
	+	11	27772 55383		+	11	26053 64976
	-		171 76526		-		172 04329
02	.69613	83682	76824	12	.69726	51956	62811
	+	11	27600 78857		+	11	25881 60647
	-		171 79307		-		172 07108
03	.69625	11283	55681	13	.69737	77838	23458
	+	11	27428 99550		+	11	25709 53539
	-		171 82090		-		172 09884
04	.69636	38712	55231	14	.69749	03547	76997
	+	11	27257 17460		+	11	25537 43655
	-		171 84872		-		172 12661
05	.69647	65969	72691	15	.69760	29085	20652
	+	11	27085 32588		+	11	25365 30994
	-		171 87652		-		172 15439
06	.69658	93055	05279	16	.69771	54450	51646
	+	11	26913 44936		+	11	25193 15555
	-		171 90432		-		172 18216
07	.69670	19968	50215	17	.69782	79643	67201
	+	11	26741 54504		+	11	25020 97339
	-		171 93213		-		172 20989
08	.69681	46710	04719	18	.69794	04664	64540
	+	11	26569 61291		+	11	24848 76350
	-		171 95993		-		172 23767
09	.69692	73279	66010	19	.69805	29513	40890
	+	11	26397 65298		+	11	24676 52583
	-		171 98771		-		172 26541

49 ^c	Sine.			49 ^c	Sine.		
20'	.69816	54189	93473	30'	.69928	91476	01868
	+	11 24504	26042		+	11 22780	08097
	-	172 29316			-	172 57038	
21	.69827	78694	19515	31	.69940	14256	09965
	+	11 24331	96726		+	11 22607	51059
	-	172 32090			-	172 59809	
22	.69839	03026	16241	32	.69951	36863	61024
	+	11 24159	64636		+	11 22434	91250
	-	172 34864			-	172 62578	
23	.69850	27185	80877	33	.69962	59298	52274
	+	11 23987	29772		+	11 22262	28672
	-	172 37637			-	172 65347	
24	.69861	51173	10649	34	.69973	81560	80946
	+	11 23814	92135		+	11 22089	63325
	-	172 40409			-	172 68115	
25	.69872	74988	02784	35	.69985	03650	44271
	+	11 23642	51726		+	11 21916	95210
	-	172 43183			-	172 70884	
26	.69883	98630	54510	36	.69996	25567	39481
	+	11 23470	08543		+	11 21744	24326
	-	172 45955			-	172 73652	
27	.69895	22100	63053	37	.70007	47311	63807
	+	11 23297	62588		+	11 21571	50674
	-	172 48726			-	172 76418	
28	.69906	45398	25641	38	.70018	68883	14481
	+	11 23125	13862		+	11 21398	74256
	-	172 51497			-	172 79187	
29	.69917	68523	39503	39	.70029	90281	88737
	+	11 22952	62365		+	11 21225	95069
	-	172 54268			-	172 81952	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

49 ^c	Sine.			49 ^c	Sine.		
40'	.70041	11507	83806	50'	.70153	14257	70856
	+	11	21053 13117		+	11	19323 41528
	-		172 84718		-		173 12355
41	.70052	32560	96923	51	.70164	33581	12384
	+	11	20880 28399		+	11	19150 29173
	-		172 87484		-		173 15117
42	.70063	53441	25322	52	.70175	52731	41557
	+	11	20707 40915		+	11	18977 14056
	-		172 90250		-		173 17879
43	.70074	74148	66237	53	.70186	71708	55613
	+	11	20534 50665		+	11	18803 96177
	-		172 93014		-		173 20639
44	.70085	94683	16902	54	.70197	90512	51790
	+	11	20361 57651		+	11	18630 75538
	-		172 95779		-		173 23398
45	.70097	15044	74553	55	.70209	09143	27328
	+	11	20188 61872		+	11	18457 52140
	-		172 98542		-		173 26159
46	.70108	35233	36425	56	.70220	27600	79468
	+	11	20015 63330		+	11	18284 25981
	-		173 01307		-		173 28918
47	.70119	55248	99755	57	.70231	45885	05449
	+	11	19842 62023		+	11	18110 97063
	-		173 04068		-		173 31677
48	.70130	75091	61778	58	.70242	63996	02512
	+	11	19669 57955		+	11	17937 65386
	-		173 06832		-		173 34435
49	.70141	94761	19733	59	.70253	81933	67898
	+	11	19496 51123		+	11	17764 30951
	-		173 09595		-		173 37193

49 ^c	Sine.			49 ^c	Sine.		
60'	.70264	99697	98849	70'	.70376	67801	07891
	+	11 17590	93758		+	11 15855	70233
	-	173 39950			-	173 67502	
61	.70276	17288	92607	71	.70387	83656	78124
	+	11 17417	53808		+	11 15682	02731
	-	173 42708			-	173 70256	
62	.70287	34706	46415	72	.70398	99338	80855
	+	11 17244	11100		+	11 15508	32475
	-	173 45464			-	173 73007	
63	.70298	51950	57515	73	.70410	14847	13330
	+	11 17070	65636		+	11 15334	59468
	-	173 48222			-	173 75760	
64	.70309	69021	23151	74	.70421	30181	72798
	+	11 16897	17414		+	11 15160	83708
	-	173 50975			-	173 78511	
65	.70320	85918	40565	75	.70432	45342	56506
	+	11 16723	66439		+	11 14987	05197
	-	173 53733			-	173 81263	
66	.70332	02642	07004	76	.70443	60329	61703
	+	11 16550	12706		+	11 14813	23934
	-	173 56486			-	173 84012	
67	.70343	19192	19710	77	.70454	75142	85637
	+	11 16376	56220		+	11 14639	39922
	-	173 59242			-	173 86764	
68	.70354	35568	75930	78	.70465	89782	25559
	+	11 16202	96978		+	11 14465	53158
	-	173 61995			-	173 89514	
69	.70365	51771	72908	79	.70477	04247	78717
	+	11 16029	34983		+	11 14291	63644
	-	173 64750			-	173 92261	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

49 ^c	Sine.			49 ^c	Sine.		
80'	.70488	18539	42361	90'	.70599	51885	50928
	+	11 14117	71383		+	11 12376	97633
	-	173 95013			-	174 22477	
81	.70499	32657	13744	91	.70610	64262	48561
	+	11 13943	76370		+	11 12202	75156
	-	173 97759			-	174 25222	
82	.70510	46600	90114	92	.70621	76465	23717
	+	11 13769	78611		+	11 12028	49934
	-	174 00509			-	174 27966	
83	.70521	60370	68725	93	.70632	88493	73651
	+	11 13595	78102		+	11 11854	21968
	-	174 03255			-	174 30709	
84	.70532	73966	46827	94	.70644	00347	95619
	+	11 13421	74847		+	11 11679	91259
	-	174 06004			-	174 33452	
85	.70543	87388	21674	95	.70655	12027	86878
	+	11 13247	68843		+	11 11505	57807
	-	174 08750			-	174 36194	
86	.70555	00635	90517	96	.70666	23533	44685
	+	11 13073	60093		+	11 11331	21613
	-	174 11496			-	174 38938	
87	.70566	13709	50610	97	.70677	34864	66298
	+	11 12899	48597		+	11 11156	82675
	-	174 14243			-	174 41678	
88	.70577	26608	99207	98	.70688	46021	48973
	+	11 12725	34354		+	11 10982	40997
	-	174 16987			-	174 44419	
89	.70588	39334	33561	99	.70699	57003	89970
	+	11 12551	17367		+	11 10807	96578
	-	174 19734			-	174 47162	

50°	Sine.			50°	Sine.		
00'	.70710	67811	86548	10'	.70821	66291	06476
	+	11 10633	49416		+	11 08887	27163
	-	174 49899			-	174 77282	
01	.70721	78445	35964	11	.70832	75178	33639
	+	11 10458	99517		+	11 08712	49881
	-	174 52642			-	174 80016	
02	.70732	88904	35481	12	.70843	83890	83520
	+	11 10284	46875		+	11 08537	69865
	-	174 55380			-	174 82751	
03	.70743	99188	82356	13	.70854	92428	53385
	+	11 10109	91495		+	11 08362	87114
	-	174 58119			-	174 85488	
04	.70755	09298	73851	14	.70866	00791	40499
	+	11 09935	33376		+	11 08188	01626
	-	174 60859			-	174 88220	
05	.70766	19234	07227	15	.70877	08979	42125
	+	11 09760	72517		+	11 08013	13406
	-	174 63596			-	174 90955	
06	.70777	28994	79744	16	.70888	16992	55531
	+	11 09586	08921		+	11 07838	22451
	-	174 66333			-	174 93688	
07	.70788	38580	88665	17	.70899	24830	77982
	+	11 09411	42588		+	11 07663	28763
	-	174 69072			-	174 96422	
08	.70799	47992	31253	18	.70910	32494	06745
	+	11 09236	73516		+	11 07488	32341
	-	174 71809			-	174 99153	
09	.70810	57229	04769	19	.70921	39982	39086
	+	11 09062	01707		+	11 07313	33188
	-	174 74544			-	175 01887	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

50°	Sine.			50°	Sine.		
20'	.70932	47295	72274	30'	.71043	10798	49813
	+	11 07138	31301		+	11 05386	62265
	-	175 04617			-	175 31912	
21	.70943	54434	03575	31	.71054	16185	12078
	+	11 06963	26684		+	11 05211	30353
	-	175 07350			-	175 34639	
22	.70954	61397	30259	32	.71065	21396	42431
	+	11 06788	19334		+	11 05035	95714
	-	175 10080			-	175 37365	
23	.70965	68185	49593	33	.71076	26432	38145
	+	11 06613	09254		+	11 04860	58349
	-	175 12811			-	175 40091	
24	.70976	74798	58847	34	.71087	31292	96494
	+	11 06437	96443		+	11 04685	18258
	-	175 15540			-	175 42817	
25	.70987	81236	55290	35	.71098	35978	14752
	+	11 06262	80903		+	11 04509	75441
	-	175 18270			-	175 45543	
26	.70998	87499	36193	36	.71109	40487	90193
	+	11 06087	62633		+	11 04334	29898
	-	175 21000			-	175 48267	
27	.71009	93586	98826	37	.71120	44822	20091
	+	11 05912	41633		+	11 04158	81631
	-	175 23727			-	175 50992	
28	.71020	99499	40459	38	.71131	48981	01722
	+	11 05737	17906		+	11 03983	30639
	-	175 26458			-	175 53715	
29	.71032	05236	58365	39	.71142	52964	32361
	+	11 05561	91448		+	11 03807	76924
	-	175 29183			-	175 56439	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

50°	Sine.			50°	Sine.		
40'	.71153	56772	09285	50'	.71263	85189	25205
	+	11 03632	20485		+	11 01875	06395
	-	175 59162			-	175 86370	
41	.71164	60404	29770	51	.71274	87064	31600
	+	11 03456	61323		+	11 01699	20025
	-	175 61885			-	175 89087	
42	.71175	63860	91093	52	.71285	88763	51625
	+	11 03280	99438		+	11 01523	30938
	-	175 64608			-	175 91806	
43	.71186	67141	90531	53	.71296	90286	82563
	+	11 03105	34830		+	11 01347	39132
	-	175 67328			-	175 94523	
44	.71197	70247	25361	54	.71307	91634	21695
	+	11 02929	67502		+	11 01171	44609
	-	175 70051			-	175 97240	
45	.71208	73176	92863	55	.71318	92805	66304
	+	11 02753	97451		+	11 00995	47369
	-	175 72770			-	175 99957	
46	.71219	75930	90314	56	.71329	93801	13673
	+	11 02578	24681		+	11 00819	47412
	-	175 75493			-	176 02673	
47	.71230	78509	14995	57	.71340	94620	61085
	+	11 02402	49188		+	11 00643	44739
	-	175 78211			-	176 05388	
48	.71241	80911	64183	58	.71351	95264	05824
	+	11 02226	70977		+	11 00467	39351
	-	175 80932			-	176 08105	
49	.71252	83138	35160	59	.71362	95731	45175
	+	11 02050	90045		+	11 00291	31246
	-	175 83650			-	176 10818	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

50°	Sine.			50°	Sine.		
60'	.71373	96022	76421	70'	.71483	89245	46119
	+	11 00115	20428		+	10 98352	63019
	-	176	13533		-	176	40654
61	.71384	96137	96849	71	.71494	87598	09138
	+	10 99939	06895		+	10 98176	22365
	-	176	16247		-	176	43363
62	.71395	96077	03744	72	.71505	85774	31503
	+	10 99762	90648		+	10 97999	79002
	-	176	18962		-	176	46072
63	.71406	95839	94392	73	.71516	83774	10505
	+	10 99586	71686		+	10 97823	32930
	-	176	21673		-	176	48782
64	.71417	95426	66078	74	.71527	81597	43435
	+	10 99410	50013		+	10 97646	84148
	-	176	24386		-	176	51489
65	.71428	94837	16091	75	.71538	79244	27583
	+	10 99234	25627		+	10 97470	32659
	-	176	27100		-	176	54198
66	.71439	94071	41718	76	.71549	76714	60242
	+	10 99057	98527		+	10 97293	78461
	-	176	29810		-	176	56904
67	.71450	93129	40245	77	.71560	74008	38703
	+	10 98881	68717		+	10 97117	21557
	-	176	32522		-	176	59612
68	.71461	92011	08962	78	.71571	71125	60260
	+	10 98705	36195		+	10 96940	61945
	-	176	35233		-	176	62319
69	.71472	90716	45157	79	.71582	68066	22205
	+	10 98529	00962		+	10 96763	99626
	-	176	37943		-	176	65024

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

50°	Sine.			50°	Sine.		
80'	.71593	64830	21831	90'	.71703	22749	95440
	+	10 96587	34602		+	10 94819	35613
	-	176 67731			-	176 94764	
81	.71604	61417	56433	91	.71714	17569	31053
	+	10 96410	66871		+	10 94642	40849
	-	176 70435			-	176 97464	
82	.71615	57828	23304	92	.71725	12211	71902
	+	10 96233	96436		+	10 94465	43385
	-	176 73141			-	177 00165	
83	.71626	54062	19740	93	.71736	06677	15287
	+	10 96057	23295		+	10 94288	43220
	-	176 75844			-	177 02865	
84	.71637	50119	43035	94	.71747	00965	58507
	+	10 95880	47451		+	10 94111	40355
	-	176 78550			-	177 05565	
85	.71648	45999	90486	95	.71757	95076	98862
	+	10 95703	68901		+	10 93934	34790
	-	176 81252			-	177 08264	
86	.71659	41703	59387	96	.71768	89011	33652
	+	10 95526	87649		+	10 93757	26526
	-	176 83955			-	177 10962	
87	.71670	37230	47036	97	.71779	82768	60178
	+	10 95350	03694		+	10 93580	15564
	-	176 86659			-	177 13661	
88	.71681	32580	50730	98	.71790	76348	75742
	+	10 95173	17035		+	10 93403	01903
	-	176 89360			-	177 16359	
89	.71692	27753	67765	99	.71801	69751	77645
	+	10 94996	27675		+	10 93225	85544
	-	176 92062			-	177 19056	

51 ^c	Sine.			51 ^c	Sine.		
00'	.71812	62977	63189	10'	.71921	85486	25685
	+	10	93048 66488		+	10	91275 27664
	-		177 21753		-		177 48699
01	.71823	56026	29677	11	.71932	76761	53349
	+	10	92871 44735		+	10	91097 78965
	-		177 24450		-		177 51390
02	.71834	48897	74412	12	.71943	67859	32314
	+	10	92694 20285		+	10	90920 27575
	-		177 27145		-		177 54084
03	.71845	41591	94697	13	.71954	58779	59889
	+	10	92516 93140		+	10	90742 73491
	-		177 29842		-		177 56773
04	.71856	34108	87837	14	.71965	49522	33380
	+	10	92339 63298		+	10	90565 16718
	-		177 32537		-		177 59466
05	.71867	26448	51135	15	.71976	40087	50098
	+	10	92162 30761		+	10	90387 57252
	-		177 35231		-		177 62155
06	.71878	18610	81896	16	.71987	30475	07350
	+	10	91984 95530		+	10	90209 95097
	-		177 37926		-		177 64846
07	.71889	10595	77426	17	.71998	20685	02447
	+	10	91807 57604		+	10	90032 30251
	-		177 40620		-		177 67534
08	.71900	02403	35030	18	.72009	10717	32698
	+	10	91630 16984		+	10	89854 62717
	-		177 43313		-		177 70225
09	.71910	94033	52014	19	.72020	00571	95415
	+	10	91452 73671		+	10	89676 92492
	-		177 46007		-		177 72913

51 ^c	Sine.			51 ^c	Sine.		
20'	.72030	90248	87907	30'	.72139	77238	59214
	+	10	89499 19579		+	10	87720 42672
	-		177 75600		-		178 02460
21	.72041	79748	07486	31	.72150	64959	01886
	+	10	89321 43979		+	10	87542 40212
	-		177 78289		-		178 05142
22	.72052	69069	51465	32	.72161	52501	42098
	+	10	89143 65690		+	10	87364 35070
	-		177 80977		-		178 07826
23	.72063	58213	17155	33	.72172	39865	77168
	+	10	88965 84713		+	10	87186 27244
	-		177 83662		-		178 10508
24	.72074	47179	01868	34	.72183	27052	04412
	+	10	88788 01051		+	10	87008 16736
	-		177 86350		-		178 13190
25	.72085	35967	02919	35	.72194	14060	21148
	+	10	88610 14701		+	10	86830 03546
	-		177 89036		-		178 15872
26	.72096	24577	17620	36	.72205	00890	24694
	+	10	88432 25665		+	10	86651 87674
	-		177 91721		-		178 18553
27	.72107	13009	43285	37	.72215	87542	12368
	+	10	88254 33944		+	10	86473 69121
	-		177 94406		-		178 21233
28	.72118	01263	77229	38	.72226	74015	81489
	+	10	88076 39538		+	10	86295 47888
	-		177 97091		-		178 23915
29	.72128	89340	16767	39	.72237	60311	29377
	+	10	87898 42447		+	10	86117 23973
	-		177 99775		-		178 26594

51 ^c	Sine.			51 ^c	Sine.				
40'	.72248	46428	53350	50'	.72356	97791	88449		
	+	10	85938	97379		+	10	84154	84143
	-		178	29273		-		178	56045
41	.72259	32367	50729	51	.72367	81946	72592		
	+	10	85760	68106		+	10	83976	28098
	-		178	31953		-		178	58717
42	.72270	18128	18835	52	.72378	65923	00690		
	+	10	85582	36153		+	10	83797	69381
	-		178	34630		-		178	61393
43	.72281	03710	54988	53	.72389	49720	70071		
	+	10	85404	01523		+	10	83619	07988
	-		178	37310		-		178	64067
44	.72291	89114	56511	54	.72400	33339	78059		
	+	10	85225	64213		+	10	83440	43921
	-		178	39987		-		178	66738
45	.72302	74340	20724	55	.72411	16780	21980		
	+	10	85047	24226		+	10	83261	77183
	-		178	42663		-		178	69413
46	.72313	59387	44950	56	.72422	00041	99163		
	+	10	84868	81563		+	10	83083	07770
	-		178	45342		-		178	72085
47	.72324	44256	26513	57	.72432	83125	06933		
	+	10	84690	36221		+	10	82904	35685
	-		178	48017		-		178	74757
48	.72335	28946	62734	58	.72443	66029	42618		
	+	10	84511	88204		+	10	82725	60928
	-		178	50693		-		178	77427
49	.72346	13458	50938	59	.72454	48755	03546		
	+	10	84333	37511		+	10	82546	83501
	-		178	53368		-		178	80100

51 ^c	Sine.			51 ^c	Sine.		
60'	.72465	31301	87047	70'	.72573	46931	76081
	+	10	82368 03401		+	10	80578 55596
	-		178 82770		-		179 09452
61	.72476	13669	90448	71	.72584	27510	31677
	+	10	82189 20631		+	10	80399 46144
	-		178 85440		-		179 12117
62	.72486	95859	11079	72	.72595	07909	77821
	+	10	82010 35191		+	10	80220 34027
	-		178 88110		-		179 14784
63	.72497	77869	46270	73	.72605	88130	11848
	+	10	81831 47081		+	10	80041 19243
	-		178 90779		-		179 17448
64	.72508	59700	93351	74	.72616	68171	31091
	+	10	81652 56302		+	10	79862 01795
	-		178 93448		-		179 20112
65	.72519	41353	49653	75	.72627	48033	32886
	+	10	81473 62854		+	10	79682 81683
	-		178 96116		-		179 22776
66	.72530	22827	12507	76	.72638	27716	14569
	+	10	81294 66738		+	10	79503 58907
	-		178 98785		-		179 25441
67	.72541	04121	79245	77	.72649	07219	73476
	+	10	81115 67953		+	10	79324 33466
	-		179 01452		-		179 28103
68	.72551	85237	47198	78	.72659	86544	06942
	+	10	80936 66501		+	10	79145 05363
	-		179 04119		-		179 30765
69	.72562	66174	13699	79	.72670	65689	12305
	+	10	80757 62382		+	10	78965 74598
	-		179 06786		-		179 33429

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

51 ^c	Sine.			51 ^c	Sine.		
80'	.72681	44654	86903	90'	.72789	24444	55282
	+	10	78786 41169		+	10	76991 60562
	-		179 36089		-		179 62683
81	.72692	23441	28072	91	.72800	01436	15844
	+	10	78607 05080		+	10	76811 97879
	-		179 38752		-		179 65340
82	.72703	02048	33152	92	.72810	78248	13723
	+	10	78427 66328		+	10	76632 32539
	-		179 41412		-		179 67997
83	.72713	80475	99480	93	.72821	54880	46262
	+	10	78248 24916		+	10	76452 64542
	-		179 44073		-		179 70653
84	.72724	58724	24396	94	.72832	31333	10804
	+	10	78068 80843		+	10	76272 93889
	-		179 46732		-		179 73309
85	.72735	36793	05239	95	.72843	07606	04693
	+	10	77889 34111		+	10	76093 20580
	-		179 49392		-		179 75964
86	.72746	14682	39350	96	.72853	83699	25273
	+	10	77709 84719		+	10	75913 44616
	-		179 52052		-		179 78618
87	.72756	92392	24069	97	.72864	59612	69889
	+	10	77530 32667		+	10	75733 65998
	-		179 54710		-		179 81272
88	.72767	69922	56736	98	.72875	35346	35887
	+	10	77350 77957		+	10	75553 84726
	-		179 57368		-		179 83927
89	.72778	47273	34693	99	.72886	10900	20613
	+	10	77171 20589		+	10	75374 00799
	-		179 60027		-		179 86581

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

52°	Sine.			52°	Sine.		
00'	.72896	86274	21412	10'	.73004	30117	29918
	+	10	75194 14218		+	10	73394 02582
	-		179 89231		-		180 15738
01	.72907	61468	35630	11	.73015	03511	32500
	+	10	75014 24987		+	10	73213 86844
	-		179 91887		-		180 18386
02	.72918	36482	60617	12	.73025	76725	19344
	+	10	74834 33100		+	10	73033 68458
	-		179 94536		-		180 21033
03	.72929	11316	93717	13	.73036	49758	87802
	+	10	74654 38564		+	10	72853 47425
	-		179 97190		-		180 23681
04	.72939	85971	32281	14	.73047	22612	35227
	+	10	74474 41374		+	10	72673 23744
	-		179 99839		-		180 26327
05	.72950	60445	73655	15	.73057	95285	58971
	+	10	74294 41535		+	10	72492 97417
	-		180 02492		-		180 28974
06	.72961	34740	15190	16	.73068	67778	56388
	+	10	74114 39043		+	10	72312 68443
	-		180 05141		-		180 31619
07	.72972	08854	54233	17	.73079	40091	24831
	+	10	73934 33902		+	10	72132 36824
	-		180 07790		-		180 34264
08	.72982	82788	88135	18	.73090	12223	61655
	+	10	73754 26112		+	10	71952 02560
	-		180 10441		-		180 36911
09	.72993	56543	14247	19	.73100	84175	64215
	+	10	73574 15671		+	10	71771 65649
	-		180 13089		-		180 39554

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

52°	Sine.			52°	Sine.		
20'	.73111	55947	29864	30'	.73218	63737	74758
	+	10	71591 26095		+	10	69785 85205
	-		180 42197		-		180 68615
21	.73122	27538	55959	31	.73229	33523	59963
	+	10	71410 83898		+	10	69605 16590
	-		180 44843		-		180 71253
22	.73132	98949	39857	32	.73240	03128	76553
	+	10	71230 39055		+	10	69424 45337
	-		180 47485		-		180 73892
23	.73143	70179	78912	33	.73250	72553	21890
	+	10	71049 91570		+	10	69243 71445
	-		180 50127		-		180 76531
24	.73154	41229	70482	34	.73261	41796	93335
	+	10	70869 41443		+	10	69062 94914
	-		180 52771		-		180 79167
25	.73165	12099	11925	35	.73272	10859	88249
	+	10	70688 88672		+	10	68882 15747
	-		180 55411		-		180 81806
26	.73175	82788	00597	36	.73282	79742	03996
	+	10	70508 33261		+	10	68701 33941
	-		180 58053		-		180 84443
27	.73186	53296	33858	37	.73293	48443	37937
	+	10	70327 75208		+	10	68520 49498
	-		180 60695		-		180 87078
28	.73197	23624	09066	38	.73304	16963	87435
	+	10	70147 14513		+	10	68339 62420
	-		180 63334		-		180 89715
29	.73207	93771	23579	39	.73314	85303	49855
	+	10	69966 51179		+	10	68158 72705
	-		180 65974		-		180 92351

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

52°	Sine.			52°	Sine.		
40'	.73325	53462	22560	50'	.73432	25094	35686
	+	10 67977	80354		+	10 66167	11991
	-	180 94985			-	181 21312	
41	.73336	21440	02914	51	.73442	91261	47677
	+	10 67796	85369		+	10 65985	90679
	-	180 97620			-	181 23942	
42	.73346	89236	88283	52	.73453	57247	38356
	+	10 67615	87749		+	10 65804	66737
	-	181 00255			-	181 26572	
43	.73357	56852	76032	53	.73464	23052	05093
	+	10 67434	87494		+	10 65623	40165
	-	181 02888			-	181 29203	
44	.73368	24287	63526	54	.73474	88675	45258
	+	10 67253	84606		+	10 65442	10962
	-	181 05522			-	181 31829	
45	.73378	91541	48132	55	.73485	54117	56220
	+	10 67072	79084		+	10 65260	79133
	-	181 08154			-	181 34460	
46	.73389	58614	27216	56	.73496	19378	35353
	+	10 66891	70930		+	10 65079	44673
	-	181 10787			-	181 37086	
47	.73400	25505	98146	57	.73506	84457	80026
	+	10 66710	60143		+	10 64898	07587
	-	181 13420			-	181 39715	
48	.73410	92216	58289	58	.73517	49355	87613
	+	10 66529	46723		+	10 64716	67872
	-	181 16049			-	181 42341	
49	.73421	58746	05012	59	.73528	14072	55485
	+	10 66348	30674		+	10 64535	25531
	-	181 18683			-	181 44969	

52°	Sine.			52°	Sine.		
60'	.73538	78607	81016	70'	.73645	13976	29902
	+	10	64353 80562		+	10	62537 86515
	-		181 47593		-		181 73831
61	.73549	42961	61578	71	.73655	76514	16417
	+	10	64172 32969		+	10	62356 12684
	-		181 50221		-		181 76454
62	.73560	07133	94547	72	.73666	38870	29101
	+	10	63990 82748		+	10	62174 36230
	-		181 52845		-		181 79073
63	.73570	71124	77295	73	.73677	01044	65331
	+	10	63809 29903		+	10	61992 57157
	-		181 55471		-		181 81694
64	.73581	34934	07198	74	.73687	63037	22488
	+	10	63627 74432		+	10	61810 75463
	-		181 58094		-		181 84314
65	.73591	98561	81630	75	.73698	24847	97951
	+	10	63446 16338		+	10	61628 91149
	-		181 60718		-		181 86934
66	.73602	62007	97968	76	.73708	86476	89100
	+	10	63264 55620		+	10	61447 04215
	-		181 63343		-		181 89552
67	.73613	25272	53588	77	.73719	47923	93315
	+	10	63082 92277		+	10	61265 14663
	-		181 65964		-		181 92170
68	.73623	88355	45865	78	.73730	09189	07978
	+	10	62901 26313		+	10	61083 22493
	-		181 68589		-		181 94790
69	.73634	51256	72178	79	.73740	70272	30471
	+	10	62719 57724		+	10	60901 27703
	-		181 71209		-		181 97407

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

52°	Sine.			52°	Sine.		
80'	.73751	31173	58174	90'	.73857	30173	46142
	+	10	60719 30296		+	10	58898 12356
	-		182 00023		-		182 26171
81	.73761	91892	88470	91	.73867	89071	58498
	+	10	60537 30273		+	10	58715 86185
	-		182 02641		-		182 28784
82	.73772	52430	18743	92	.73878	47787	44683
	+	10	60355 27632		+	10	58533 57401
	-		182 05258		-		182 31396
83	.73783	12785	46375	93	.73889	06321	02084
	+	10	60173 22374		+	10	58351 26005
	-		182 07872		-		182 34006
84	.73793	72958	68749	94	.73899	64672	28089
	+	10	59991 14502		+	10	58168 91999
	-		182 10488		-		182 36618
85	.73804	32949	83251	95	.73910	22841	20088
	+	10	59809 04014		+	10	57986 55381
	-		182 13104		-		182 39229
86	.73814	92758	87265	96	.73920	80827	75469
	+	10	59626 90910		+	10	57804 16152
	-		182 15718		-		182 41838
87	.73825	52385	78175	97	.73931	38631	91621
	+	10	59444 75192		+	10	57621 74314
	-		182 18332		-		182 44448
88	.73836	11830	53367	98	.73941	96253	65935
	+	10	59262 56860		+	10	57439 29866
	-		182 20945		-		182 47057
89	.73846	71093	10227	99	.73952	53692	95801
	+	10	59080 35915		+	10	57256 82809
	-		182 23559		-		182 49666

53°	Sine.			53°	Sine.		
00'	.73963	10949	78610	10'	.74068	73476	44875
	+	10	57074 33143		+	10	55247 93108
	-		182 52274		-		182 78332
01	.73973	68024	11753	11	.74079	28724	37983
	+	10	56891 80869		+	10	55065 14776
	-		182 54881		-		182 80935
02	.73984	24915	92622	12	.74089	83789	52759
	+	10	56709 25988		+	10	54882 33841
	-		182 57490		-		182 83537
03	.73994	81625	18610	13	.74100	38671	86600
	+	10	56526 68498		+	10	54699 50304
	-		182 60095		-		182 86140
04	.74005	38151	87108	14	.74110	93371	36904
	+	10	56344 08403		+	10	54516 64164
	-		182 62703		-		182 88741
05	.74015	94495	95511	15	.74121	47888	01068
	+	10	56161 45700		+	10	54333 75423
	-		182 65309		-		182 91344
06	.74026	50657	41211	16	.74132	02221	76491
	+	10	55978 80391		+	10	54150 84079
	-		182 67913		-		182 93945
07	.74037	06636	21602	17	.74142	56372	60570
	+	10	55796 12478		+	10	53967 90134
	-		182 70519		-		182 96544
08	.74047	62432	34080	18	.74153	10340	50704
	+	10	55613 41959		+	10	53784 93590
	-		182 73123		-		182 99145
09	.74058	18045	76039	19	.74163	64125	44294
	+	10	55430 68836		+	10	53601 94445
	-		182 75728		-		183 01745

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

53°	Sine.			53°	Sine.		
20'	.74174	17727	38739	30'	.74279	43676	58514
	+	10	53418 92700		+	10	51587 32372
	-		183 04343		-		183 30311
21	.74184	71146	31439	31	.74289	95263	90886
	+	10	53235 88357		+	10	51404 02061
	-		183 06943		-		183 32905
22	.74195	24382	19796	32	.74300	46667	92947
	+	10	53052 81414		+	10	51220 69156
	-		183 09541		-		183 35499
23	.74205	77435	01210	33	.74310	97888	62103
	+	10	52869 71873		+	10	51037 33657
	-		183 12139		-		183 38093
24	.74216	30304	73083	34	.74321	48925	95760
	+	10	52686 59734		+	10	50853 95564
	-		183 14736		-		183 40685
25	.74226	82991	32817	35	.74331	99779	91324
	+	10	52503 44998		+	10	50670 54879
	-		183 17333		-		183 43277
26	.74237	35494	77815	36	.74342	50450	46203
	+	10	52320 27665		+	10	50487 11602
	-		183 19930		-		183 45871
27	.74247	87815	05480	37	.74353	00937	57805
	+	10	52137 07735		+	10	50303 65731
	-		183 22525		-		183 48460
28	.74258	39952	13215	38	.74363	51241	23536
	+	10	51953 85210		+	10	50120 17271
	-		183 25121		-		183 51053
29	.74268	91905	98425	39	.74374	01361	40807
	+	10	51770 60089		+	10	49936 66218
	-		183 27717		-		183 53643

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

53°	Sine.			53°	Sine.		
40'	.74384	51298	07025	50'	.74489	40565	91622
	+	10	49753 12575		+	10	47916 33762
	-		183 56232		-		183 82109
41	.74395	01051	19600	51	.74499	88482	25384
	+	10	49569 56343		+	10	47732 51653
	-		183 58824		-		183 84695
42	.74405	50620	75943	52	.74510	36214	77037
	+	10	49385 97519		+	10	47548 66958
	-		183 61411		-		183 87280
43	.74416	00006	73462	53	.74520	83763	43995
	+	10	49202 36108		+	10	47364 79678
	-		183 64001		-		183 89864
44	.74426	49209	09570	54	.74531	31128	23673
	+	10	49018 72107		+	10	47180 89814
	-		183 66590		-		183 92447
45	.74436	98227	81677	55	.74541	78309	13487
	+	10	48835 05517		+	10	46996 97367
	-		183 69176		-		183 95032
46	.74447	47062	87194	56	.74552	25306	10854
	+	10	48651 36341		+	10	46813 02335
	-		183 71765		-		183 97613
47	.74457	95714	23535	57	.74562	72119	13189
	+	10	48467 64576		+	10	46629 04722
	-		183 74351		-		184 00197
48	.74468	44181	88111	58	.74573	18748	17911
	+	10	48283 90225		+	10	46445 04525
	-		183 76939		-		184 02779
49	.74478	92465	78336	59	.74583	65193	22436
	+	10	48100 13286		+	10	46261 01746
	-		183 79524		-		184 05359

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

53°	Sine.			53°	Sine.		
60'	.74594	11454	24182	70'	.74698	63937	21118
	+	10	46076 96387		+	10	44235 00901
	-		184 07942		-		184 33726
61	.74604	57531	20569	71	.74709	08172	22019
	+	10	45892 88445		+	10	44050 67175
	-		184 10521		-		184 36304
62	.74615	03424	09014	72	.74719	52222	89194
	+	10	45708 77924		+	10	43866 30871
	-		184 13102		-		184 38878
63	.74625	49132	86938	73	.74729	96089	20065
	+	10	45524 64822		+	10	43681 91993
	-		184 15682		-		184 41454
64	.74635	94657	51760	74	.74740	39771	12058
	+	10	45340 49140		+	10	43497 50539
	-		184 18261		-		184 44029
65	.74646	39998	00900	75	.74750	83268	62597
	+	10	45156 30879		+	10	43313 06510
	-		184 20839		-		184 46603
66	.74656	85154	31779	76	.74761	26581	69107
	+	10	44972 10040		+	10	43128 59907
	-		184 23419		-		184 49176
67	.74667	30126	41819	77	.74771	69710	29014
	+	10	44787 86621		+	10	42944 10731
	-		184 25995		-		184 51751
68	.74677	74914	28440	78	.74782	12654	39745
	+	10	44603 60626		+	10	42759 58980
	-		184 28574		-		184 54322
69	.74688	19517	89066	79	.74792	55413	98725
	+	10	44419 32052		+	10	42575 04658
	-		184 31151		-		184 56897

53°	Sine.			53°	Sine.		
80'	.74802	97989	03383	90'	.74907	13583	96478
	+	10	42390 47761		+	10	40543 37423
	-		184 59466		-		184 85163
81	.74813	40379	51144	91	.74917	54127	33901
	+	10	42205 88295		+	10	40358 52260
	-		184 62039		-		184 87728
82	.74823	82585	39439	92	.74927	94485	86161
	+	10	42021 26256		+	10	40173 64532
	-		184 64611		-		184 90297
83	.74834	24606	65695	93	.74938	34659	50693
	+	10	41836 61645		+	10	39988 74235
	-		184 67180		-		184 92862
84	.74844	66443	27340	94	.74948	74648	24928
	+	10	41651 94465		+	10	39803 81373
	-		184 69751		-		184 95427
85	.74855	08095	21805	95	.74959	14452	06301
	+	10	41467 24714		+	10	39618 85946
	-		184 72321		-		184 97992
86	.74865	49562	46519	96	.74969	54070	92247
	+	10	41282 52393		+	10	39433 87954
	-		184 74890		-		185 00559
87	.74875	90844	98912	97	.74979	93504	80201
	+	10	41097 77503		+	10	39248 87395
	-		184 77458		-		185 03120
88	.74886	31942	76415	98	.74990	32753	67596
	+	10	40913 00045		+	10	39063 84275
	-		184 80027		-		185 05686
89	.74896	72855	76460	99	.75000	71817	51871
	+	10	40728 20018		+	10	38878 78589
	-		184 82595		-		185 08249

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

54 ^c	Sine.			54 ^c	Sine.		
00'	.75011	10696	30460	10'	.75114	89300	39943
	+	10	38693 70340		+	10	36841 46970
	-		185 10812		-		185 36415
01	.75021	49390	00800	11	.75125	26141	86913
	+	10	38508 59528		+	10	36656 10555
	-		185 13374		-		185 38974
02	.75031	87898	60328	12	.75135	62797	97468
	+	10	38323 46154		+	10	36470 71581
	-		185 15935		-		185 41530
03	.75042	26222	06482	13	.75145	99268	69049
	+	10	38138 30219		+	10	36285 30051
	-		185 18498		-		185 44087
04	.75052	64360	36701	14	.75156	35553	99100
	+	10	37953 11721		+	10	36099 85964
	-		185 21059		-		185 46644
05	.75063	02313	48422	15	.75166	71653	85064
	+	10	37767 90662		+	10	35914 39320
	-		185 23619		-		185 49200
06	.75073	40081	39084	16	.75177	07568	24384
	+	10	37582 67043		+	10	35728 90120
	-		185 26179		-		185 51755
07	.75083	77664	06127	17	.75187	43297	14504
	+	10	37397 40864		+	10	35543 38365
	-		185 28739		-		185 54311
08	.75094	15061	46991	18	.75197	78840	52869
	+	10	37212 12125		+	10	35357 84054
	-		185 31298		-		185 56866
09	.75104	52273	59116	19	.75208	14198	36923
	+	10	37026 80827		+	10	35172 27188
	-		185 33857		-		185 59418

54 ^c	Sine.			54 ^c	Sine.		
20'	.75218	49370	64111	30'	.75321	90881	46720
	+	10	34986 67770		+	10	33129 33196
	-		185 61974		-		185 87485
21	.75228	84357	31881	31	.75332	24010	79916
	+	10	34801 05796		+	10	32943 45711
	-		185 64526		-		185 90033
22	.75239	19158	37677	32	.75342	56954	25627
	+	10	34615 41270		+	10	32757 55678
	-		185 67079		-		185 92583
23	.75249	53773	78947	33	.75352	89711	81305
	+	10	34429 74191		+	10	32571 63095
	-		185 69632		-		185 95130
24	.75259	88203	53138	34	.75363	22283	44400
	+	10	34244 04559		+	10	32385 67965
	-		185 72183		-		185 97677
25	.75270	22447	57697	35	.75373	54669	12365
	+	10	34058 32376		+	10	32199 70288
	-		185 74735		-		186 00224
26	.75280	56505	90073	36	.75383	86868	82653
	+	10	33872 57641		+	10	32013 70064
	-		185 77286		-		186 02770
27	.75290	90378	47714	37	.75394	18882	52717
	+	10	33686 80355		+	10	31827 67294
	-		185 79836		-		186 05317
28	.75301	24065	28069	38	.75404	50710	20011
	+	10	33501 00519		+	10	31641 61977
	-		185 82387		-		186 07861
29	.75311	57566	28588	39	.75414	82351	81988
	+	10	33315 18132		+	10	31455 54116
	-		185 84936		-		186 10407

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

54 ^c	Sine.			54 ^c	Sine.		
40'	.75425	13807	36104	50'	.75528	18122	85184
	+	10	31269 43709		+	10	29406 99765
	-		186 12952		-		186 38371
41	.75435	45076	79813	51	.75538	47529	84949
	+	10	31083 30757		+	10	29220 61394
	-		186 15495		-		186 40911
42	.75445	76160	10570	52	.75548	76750	46343
	+	10	30897 15262		+	10	29034 20483
	-		186 18040		-		186 43450
43	.75456	07057	25832	53	.75559	05784	66826
	+	10	30710 97222		+	10	28847 77033
	-		186 20581		-		186 45989
44	.75466	37768	23054	54	.75569	34632	43859
	+	10	30524 76641		+	10	28661 31044
	-		186 23126		-		186 48527
45	.75476	68292	99695	55	.75579	63293	74903
	+	10	30338 53515		+	10	28474 82517
	-		186 25667		-		186 51065
46	.75486	98631	53210	56	.75589	91768	57420
	+	10	30152 27848		+	10	28288 31452
	-		186 28208		-		186 53601
47	.75497	28783	81058	57	.75600	20056	88872
	+	10	29965 99640		+	10	28101 77851
	-		186 30752		-		186 56139
48	.75507	58749	80698	58	.75610	48158	66723
	+	10	29779 68888		+	10	27915 21712
	-		186 33290		-		186 58675
49	.75517	88529	49586	59	.75620	76073	88435
	+	10	29593 35598		+	10	27728 63037
	-		186 35833		-		186 61210

54 ^c	Sine.			54 ^c	Sine.		
60'	.75631	03802	51472	70'	.75733	70820	97080
	+	10	27542 01827		+	10	25674 50352
	-		186 63747		-		186 89075
61	.75641	31344	53299	71	.75743	96495	47432
	+	10	27355 38080		+	10	25487 61277
	-		186 66280		-		186 91603
62	.75651	58699	91379	72	.75754	21983	08709
	+	10	27168 71800		+	10	25300 69674
	-		186 68815		-		186 94136
63	.75661	85868	63179	73	.75764	47283	78383
	+	10	26982 02985		+	10	25113 75538
	-		186 71350		-		186 96662
64	.75672	12850	66164	74	.75774	72397	53921
	+	10	26795 31635		+	10	24926 78876
	-		186 73882		-		186 99194
65	.75682	39645	97799	75	.75784	97324	32797
	+	10	26608 57753		+	10	24739 79682
	-		186 76417		-		187 01720
66	.75692	66254	55552	76	.75795	22064	12479
	+	10	26421 81336		+	10	24552 77962
	-		186 78947		-		187 04250
67	.75702	92676	36888	77	.75805	46616	90441
	+	10	26235 02389		+	10	24365 73712
	-		186 81482		-		187 06776
68	.75713	18911	39277	78	.75815	70982	64153
	+	10	26048 20907		+	10	24178 66936
	-		186 84011		-		187 09303
69	.75723	44959	60184	79	.75825	95161	31089
	+	10	25861 36896		+	10	23991 57633
	-		186 86544		-		187 11831

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

54 ^c	Sine.			54 ^c	Sine.		
80'	.75836	19152	88722	90'	.75938	48772	97725
	+	10	23804 45802		+	10	21931 88639
	-		187 14356		-		187 39593
81	.75846	42957	34524	91	.75948	70704	86364
	+	10	23617 31446		+	10	21744 49046
	-		187 16882		-		187 42113
82	.75856	66574	65970	92	.75958	92449	35410
	+	10	23430 14564		+	10	21557 06933
	-		187 19408		-		187 44633
83	.75866	90004	80534	93	.75969	14006	42343
	+	10	23242 95156		+	10	21369 62300
	-		187 21931		-		187 47155
84	.75877	13247	75690	94	.75979	35376	04643
	+	10	23055 73225		+	10	21182 15145
	-		187 24457		-		187 49674
85	.75887	36303	48915	95	.75989	56558	19788
	+	10	22868 48768		+	10	20994 65471
	-		187 26979		-		187 52192
86	.75897	59171	97683	96	.75999	77552	85259
	+	10	22681 21789		+	10	20807 13279
	-		187 29504		-		187 54712
87	.75907	81853	19472	97	.76009	98359	98538
	+	10	22493 92285		+	10	20619 58567
	-		187 32027		-		187 57230
88	.75918	04347	11757	98	.76020	18979	57105
	+	10	22306 60258		+	10	20432 01337
	-		187 34548		-		187 59748
89	.75928	26653	72015	99	.76030	39411	58442
	+	10	22119 25710		+	10	20244 41589
	-		187 37071		-		187 62265

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

55°	Sine.			55°	Sine.		
00'	.76040	59656	00031	10'	.76142	51776	76207
	+	10	20056 79324		+	10	18179 18320
	-		187 64782		-		187 89925
01	.76050	79712	79355	11	.76152	69955	94527
	+	10	19869 14542		+	10	17991 28395
	-		187 67298		-		187 92437
02	.76060	99581	93897	12	.76162	87947	22922
	+	10	19681 47244		+	10	17803 35958
	-		187 69815		-		187 94949
03	.76071	19263	41141	13	.76173	05750	58880
	+	10	19493 77429		+	10	17615 41009
	-		187 72330		-		187 97460
04	.76081	38757	18570	14	.76183	23365	99889
	+	10	19306 05099		+	10	17427 43549
	-		187 74845		-		187 99969
05	.76091	58063	23669	15	.76193	40793	43438
	+	10	19118 30254		+	10	17239 43580
	-		187 77359		-		188 02480
06	.76101	77181	53923	16	.76203	58032	87018
	+	10	18930 52895		+	10	17051 41100
	-		187 79874		-		188 04989
07	.76111	96112	06818	17	.76213	75084	28118
	+	10	18742 73021		+	10	16863 36111
	-		187 82387		-		188 07498
08	.76122	14854	79839	18	.76223	91947	64229
	+	10	18554 90634		+	10	16675 28613
	-		187 84900		-		188 10007
09	.76132	33409	70473	19	.76234	08622	92842
	+	10	18367 05734		+	10	16487 18606
	-		187 87414		-		188 12515

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

55°	Sine.			55°	Sine.		
20'	.76244	25110	11448	30'	.76345	79630	95585
	+	10	16299 06091		+	10	14416 43100
	-		188 15023		-		188 40073
21	.76254	41409	17539	31	.76355	94047	38685
	+	10	16110 91068		+	10	14228 03027
	-		188 17529		-		188 42576
22	.76264	57520	08607	32	.76366	08275	41712
	+	10	15922 73539		+	10	14039 60451
	-		188 20036		-		188 45077
23	.76274	73442	82146	33	.76376	22315	02163
	+	10	15734 53503		+	10	13851 15374
	-		188 22543		-		188 47580
24	.76284	89177	35649	34	.76386	36166	17537
	+	10	15546 30960		+	10	13662 67794
	-		188 25049		-		188 50080
25	.76295	04723	66609	35	.76396	49828	85331
	+	10	15358 05911		+	10	13474 17714
	-		188 27552		-		188 52581
26	.76305	20081	72520	36	.76406	63303	03045
	+	10	15169 78359		+	10	13285 65133
	-		188 30060		-		188 55081
27	.76315	35251	50879	37	.76416	76588	68178
	+	10	14981 48299		+	10	13097 10052
	-		188 32562		-		188 57581
28	.76325	50232	99178	38	.76426	89685	78230
	+	10	14793 15737		+	10	12908 52471
	-		188 35067		-		188 60080
29	.76335	65026	14915	39	.76437	02594	30701
	+	10	14604 80670		+	10	12719 92391
	-		188 37570		-		188 62580

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

55 ^c	Sine.			55 ^c	Sine.		
40'	.76447	15314	23092	50'	.76548	32134	93088
	+	10	12531 29811		+	10	10643 66692
	-		188 65076		-		188 90036
41	.76457	27845	52903	51	.76558	42778	59780
	+	10	12342 64735		+	10	10454 76656
	-		188 67576		-		188 92527
42	.76467	40188	17638	52	.76568	53233	36436
	+	10	12153 97159		+	10	10265 84129
	-		188 70072		-		188 95021
43	.76477	52342	14797	53	.76578	63499	20565
	+	10	11965 27087		+	10	10076 89108
	-		188 72569		-		188 97513
44	.76487	64307	41884	54	.76588	73576	09673
	+	10	11776 54518		+	10	09887 91595
	-		188 75067		-		189 00005
45	.76497	76083	96402	55	.76598	83464	01268
	+	10	11587 79451		+	10	09698 91590
	-		188 77561		-		189 02496
46	.76507	87671	75853	56	.76608	93162	92858
	+	10	11399 01890		+	10	09509 89094
	-		188 80057		-		189 04987
47	.76517	99070	77743	57	.76619	02672	81952
	+	10	11210 21833		+	10	09320 84107
	-		188 82554		-		189 07478
48	.76528	10280	99576	58	.76629	11993	66059
	+	10	11021 39279		+	10	09131 76629
	-		188 85046		-		189 09967
49	.76538	21302	38855	59	.76639	21125	42688
	+	10	10832 54233		+	10	08942 66662
	-		188 87541		-		189 12457

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

55 ^c	Sine.			55 ^c	Sine.		
60'	.76649	30068	09350	70'	.76750	09088	80312
	+	10	08753 54205		+	10	06860 92819
	-		189 14946		-		189 39811
61	.76659	38821	63555	71	.76760	15949	73131
	+	10	08564 39259		+	10	06671 53008
	-		189 17434		-		189 42293
62	.76669	47386	02814	72	.76770	22621	26139
	+	10	08375 21825		+	10	06482 10715
	-		189 19922		-		189 44778
63	.76679	55761	24639	73	.76780	29103	36854
	+	10	08186 01903		+	10	06292 65937
	-		189 22411		-		189 47260
64	.76689	63947	26542	74	.76790	35396	02791
	+	10	07996 79492		+	10	06103 18677
	-		189 24897		-		189 49743
65	.76699	71944	06034	75	.76800	41499	21468
	+	10	07807 54595		+	10	05913 68934
	-		189 27383		-		189 52225
66	.76709	79751	60629	76	.76810	47412	90402
	+	10	07618 27212		+	10	05724 16709
	-		189 29871		-		189 54706
67	.76719	87369	87841	77	.76820	53137	07111
	+	10	07428 97341		+	10	05534 62003
	-		189 32355		-		189 57188
68	.76729	94798	85182	78	.76830	58671	69114
	+	10	07239 64986		+	10	05345 04815
	-		189 34842		-		189 59667
69	.76740	02038	50168	79	.76840	64016	73929
	+	10	07050 30144		+	10	05155 45148
	-		189 37325		-		189 62149

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

55 ^c	Sine.			55 ^c	Sine.		
80'	.76850	69172	19077	90'	.76951	10293	43418
	+	10 04965	82999		+	10 03068	25215
	-	189 64627			-	189 89399	
81	.76860	74138	02076	91	.76961	13361	68633
	+	10 04776	18372		+	10 02878	35816
	-	189 67108			-	189 91873	
82	.76870	78914	20448	92	.76971	16240	04449
	+	10 04586	51264		+	10 02688	43943
	-	189 69585			-	189 94347	
83	.76880	83500	71712	93	.76981	18928	48392
	+	10 04396	81679		+	10 02498	49596
	-	189 72063			-	189 96820	
84	.76890	87897	53391	94	.76991	21426	97988
	+	10 04207	09616		+	10 02308	52776
	-	189 74543			-	189 99295	
85	.76900	92104	63007	95	.77001	23735	50764
	+	10 04017	35073		+	10 02118	53481
	-	189 77018			-	190 01765	
86	.76910	96121	98080	96	.77011	25854	04245
	+	10 03827	58055		+	10 01928	51716
	-	189 79497			-	190 04240	
87	.76920	99949	56135	97	.77021	27782	55961
	+	10 03637	78558		+	10 01738	47476
	-	189 81971			-	190 06709	
88	.76931	03587	34693	98	.77031	29521	03437
	+	10 03447	96587		+	10 01548	40767
	-	189 84449			-	190 09182	
89	.76941	07035	31280	99	.77041	31069	44204
	+	10 03258	12138		+	10 01358	31585
	-	189 86923			-	190 11652	

56°	Sine.			56°	Sine.		
00'	.77051	32427	75789	10'	.77151	35550	43328
	+	10	01168 19933		+	9	99265 67623
	-		190 14122		-		190 38799
01	.77061	33595	95722	11	.77161	34816	10951
	+	10	00978 05811		+	9	99075 28824
	-		190 16593		-		190 41265
02	.77071	34574	01533	12	.77171	33891	39775
	+	10	00787 89218		+	9	98884 87559
	-		190 19062		-		190 43730
03	.77081	35361	90751	13	.77181	32776	27334
	+	10	00597 70156		+	9	98694 43829
	-		190 21529		-		190 46193
04	.77091	35959	60907	14	.77191	31470	71163
	+	10	00407 48627		+	9	98503 97636
	-		190 24000		-		190 48657
05	.77101	36367	09534	15	.77201	29974	68799
	+	10	00217 24627		+	9	98313 48979
	-		190 26467		-		190 51120
06	.77111	36584	34161	16	.77211	28288	17778
	+	10	00026 98160		+	9	98122 97859
	-		190 28934		-		190 53584
07	.77121	36611	32321	17	.77221	26411	15637
	+	9	99836 69226		+	9	97932 44275
	-		190 31401		-		190 56045
08	.77131	36448	01547	18	.77231	24343	59912
	+	9	99646 37825		+	9	97741 88230
	-		190 33869		-		190 58508
09	.77141	36094	39372	19	.77241	22085	48142
	+	9	99456 03956		+	9	97551 29722
	-		190 36333		-		190 60968

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

56°	Sine.			56°	Sine.		
20'	.77251	19636	77864	30'	.77350	84662	15923
	+	9 97360	68754		+	9 95453	23796
	-	190 63429			-	190 88012	
21	.77261	16997	46618	31	.77360	80115	39719
	+	9 97170	05325		+	9 95262	35784
	-	190 65891			-	190 90469	
22	.77271	14167	51943	32	.77370	75377	75503
	+	9 96979	39434		+	9 95071	45315
	-	190 68349			-	190 92923	
23	.77281	11146	91377	33	.77380	70449	20818
	+	9 96788	71085		+	9 94880	52392
	-	190 70810			-	190 95378	
24	.77291	07935	62462	34	.77390	65329	73210
	+	9 96598	00275		+	9 94689	57014
	-	190 73268			-	190 97833	
25	.77301	04533	62737	35	.77400	60019	30224
	+	9 96407	27007		+	9 94498	59181
	-	190 75727			-	191 00286	
26	.77311	00940	89744	36	.77410	54517	89405
	+	9 96216	51280		+	9 94307	58895
	-	190 78186			-	191 02741	
27	.77320	97157	41024	37	.77420	48825	48300
	+	9 96025	73094		+	9 94116	56154
	-	190 80641			-	191 05191	
28	.77330	93183	14118	38	.77430	42942	04454
	+	9 95834	92453		+	9 93925	50963
	-	190 83101			-	191 07646	
29	.77340	89018	06571	39	.77440	36867	55417
	+	9 95644	09352		+	9 93734	43317
	-	190 85556			-	191 10097	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

56°	Sine.			56°	Sine.		
40'	.77450	30601	98734	50'	.77549	57431	72234
	+	9 93543	33220		+	9 91630	97498
	-	191 12548			-	191 37038	
41	.77460	24145	31954	51	.77559	49062	69732
	+	9 93352	20672		+	9 91439	60460
	-	191 15000			-	191 39484	
42	.77470	17497	52626	52	.77569	40502	30192
	+	9 93161	05672		+	9 91248	20976
	-	191 17450			-	191 41928	
43	.77480	10658	58298	53	.77579	31750	51168
	+	9 92969	88222		+	9 91056	79048
	-	191 19899			-	191 44376	
44	.77490	03628	46520	54	.77589	22807	30216
	+	9 92778	68323		+	9 90865	34672
	-	191 22351			-	191 46818	
45	.77499	96407	14843	55	.77599	13672	64888
	+	9 92587	45972		+	9 90673	87854
	-	191 24798			-	191 49265	
46	.77509	88994	60815	56	.77609	04346	52742
	+	9 92396	21174		+	9 90482	38589
	-	191 27247			-	191 51708	
47	.77519	81390	81989	57	.77618	94828	91331
	+	9 92204	93927		+	9 90290	86881
	-	191 29696			-	191 54150	
48	.77529	73595	75916	58	.77628	85119	78212
	+	9 92013	64231		+	9 90099	32731
	-	191 32144			-	191 56595	
49	.77539	65609	40147	59	.77638	75219	10943
	+	9 91822	32087		+	9 89907	76136
	-	191 34589			-	191 59037	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

56°	Sine.			56°	Sine.		
60'	.77648	65126	87079	70'	.77747	53662	98641
	+	9 89716	17099		+	9 87798	92499
	-	191 61479			-	191 85874	
61	.77658	54843	04178	71	.77757	41461	91140
	+	9 89524	55620		+	9 87607	06625
	-	191 63919			-	191 88309	
62	.77668	44367	59798	72	.77767	29068	97765
	+	9 89332	91701		+	9 87415	18316
	-	191 66362			-	191 90746	
63	.77678	33700	51499	73	.77777	16484	16081
	+	9 89141	25339		+	9 87223	27570
	-	191 68803			-	191 93183	
64	.77688	22841	76838	74	.77787	03707	43651
	+	9 88949	56536		+	9 87031	34387
	-	191 71241			-	191 95616	
65	.77698	11791	33374	75	.77796	90738	78038
	+	9 88757	85295		+	9 86839	38771
	-	191 73682			-	191 98054	
66	.77708	00549	18669	76	.77806	77578	16809
	+	9 88566	11613		+	9 86647	40717
	-	191 76121			-	192 00486	
67	.77717	89115	30282	77	.77816	64225	57526
	+	9 88374	35492		+	9 86455	40231
	-	191 78559			-	192 02920	
68	.77727	77489	65774	78	.77826	50680	97757
	+	9 88182	56933		+	9 86263	37311
	-	191 80999			-	192 05356	
69	.77737	65672	22707	79	.77836	36944	35068
	+	9 87990	75934		+	9 86071	31955
	-	191 83435			-	192 07786	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

56°	Sine.			56°	Sine.		
80'	.77846	23015	67023	90'	.77944	73160	57061
	+	9 85879	24169		+	9 83957	12583
	-	192 10221			-	192 34520	
81	.77856	08894	91192	91	.77954	57117	69644
	+	9 85687	13948		+	9 83764	78063
	-	192 12651			-	192 36947	
82	.77865	94582	05140	92	.77964	40882	47707
	+	9 85495	01297		+	9 83572	41116
	-	192 15084			-	192 39373	
83	.77875	80077	06437	93	.77974	24454	88823
	+	9 85302	86213		+	9 83380	01743
	-	192 17515			-	192 41801	
84	.77885	65379	92650	94	.77984	07834	90566
	+	9 85110	68698		+	9 83187	59942
	-	192 19945			-	192 44225	
85	.77895	50490	61348	95	.77993	91022	50508
	+	9 84918	48753		+	9 82995	15717
	-	192 22376			-	192 46652	
86	.77905	35409	10101	96	.78003	74017	66225
	+	9 84726	26377		+	9 82802	69065
	-	192 24805			-	192 49076	
87	.77915	20135	36478	97	.78013	56820	35290
	+	9 84534	01572		+	9 82610	19989
	-	192 27235			-	192 51501	
88	.77925	04669	38050	98	.78023	39430	55279
	+	9 84341	74337		+	9 82417	68488
	-	192 29663			-	192 53925	
89	.77934	89011	12387	99	.78033	21848	23767
	+	9 84149	44674		+	9 82225	14563
	-	192 32091			-	192 56349	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

57 ^c	Sine.			57 ^c	Sine.		
00'	.78043	04073	38330	10'	.78141	15729	85148
	+	9 82032	58214		+	9 80105	61540
	-	192 58770			-	192 82976	
01	.78052	86105	96544	11	.78150	95835	46688
	+	9 81839	99444		+	9 79912	78564
	-	192 61195			-	192 85393	
02	.78062	67945	95988	12	.78160	75748	25252
	+	9 81647	38249		+	9 79719	93171
	-	192 63616			-	192 87812	
03	.78072	49593	34237	13	.78170	55468	18423
	+	9 81454	74633		+	9 79527	05359
	-	192 66038			-	192 90228	
04	.78082	31048	08870	14	.78180	34995	23782
	+	9 81262	08595		+	9 79334	15131
	-	192 68459			-	192 92645	
05	.78092	12310	17465	15	.78190	14329	38913
	+	9 81069	40136		+	9 79141	22486
	-	192 70880			-	192 95060	
06	.78101	93379	57601	16	.78199	93470	61399
	+	9 80876	69256		+	9 78948	27426
	-	192 73299			-	192 97476	
07	.78111	74256	26857	17	.78209	72418	88825
	+	9 80683	95957		+	9 78755	29950
	-	192 75721			-	192 99891	
08	.78121	54940	22814	18	.78219	51174	18775
	+	9 80491	20236		+	9 78562	30059
	-	192 78138			-	193 02305	
09	.78131	35431	43050	19	.78229	29736	48834
	+	9 80298	42098		+	9 78369	27754
	-	192 80558			-	193 04720	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

57 ^c	Sine.			57 ^c	Sine.		
20'	.78239	08105	76588	30'	.78336	81176	96478
	+	9	78176 23034		+	9	76244 43173
	-		193 07132		-		193 31242
21	.78248	86281	99622	31	.78346	57421	39651
	+	9	77983 15902		+	9	76051 11931
	-		193 09547		-		193 33650
22	.78258	64265	15524	32	.78356	33472	51582
	+	9	77790 06355		+	9	75857 78281
	-		193 11958		-		193 36059
23	.78268	42055	21879	33	.78366	09330	29863
	+	9	77596 94397		+	9	75664 42222
	-		193 14371		-		193 38466
24	.78278	19652	16276	34	.78375	84994	72085
	+	9	77403 80026		+	9	75471 03756
	-		193 16783		-		193 40873
25	.78287	97055	96302	35	.78385	60465	75841
	+	9	77210 63243		+	9	75277 62883
	-		193 19193		-		193 43279
26	.78297	74266	59545	36	.78395	35743	38724
	+	9	77017 44050		+	9	75084 19604
	-		193 21605		-		193 45684
27	.78307	51284	03595	37	.78405	10827	58328
	+	9	76824 22445		+	9	74890 73920
	-		193 24014		-		193 48091
28	.78317	28108	26040	38	.78414	85718	32248
	+	9	76630 98431		+	9	74697 25829
	-		193 26424		-		193 50496
29	.78327	04739	24471	39	.78424	60415	58077
	+	9	76437 72007		+	9	74503 75333
	-		193 28834		-		193 52899

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

57 ^c	Sine.			57 ^c	Sine.		
40'	.78434	34919	33410	50'	.78531	69308	80745
	+	9 74310	22434		+	9 72373	61292
	-	193 55305			-	193 79317	
41	.78444	09229	55844	51	.78541	41682	42037
	+	9 74116	67129		+	9 72179	81975
	-	193 57707			-	193 81717	
42	.78453	83346	22973	52	.78551	13862	24012
	+	9 73923	09422		+	9 71986	00258
	-	193 60110			-	193 84114	
43	.78463	57269	32395	53	.78560	85848	24270
	+	9 73729	49312		+	9 71792	16144
	-	193 62513			-	193 86514	
44	.78473	30998	81707	54	.78570	57640	40414
	+	9 73535	86799		+	9 71598	29630
	-	193 64916			-	193 88909	
45	.78483	04534	68506	55	.78580	29238	70044
	+	9 73342	21883		+	9 71404	40721
	-	193 67317			-	193 91307	
46	.78492	77876	90389	56	.78590	00643	10765
	+	9 73148	54566		+	9 71210	49414
	-	193 69717			-	193 93703	
47	.78502	51025	44955	57	.78599	71853	60179
	+	9 72954	84849		+	9 71016	55711
	-	193 72119			-	193 96099	
48	.78512	23980	29804	58	.78609	42870	15890
	+	9 72761	12730		+	9 70822	59612
	-	193 74519			-	193 98495	
49	.78521	96741	42534	59	.78619	13692	75502
	+	9 72567	38211		+	9 70628	61117
	-	193 76919			-	194 00889	

57 ^c	Sine.			57 ^c	Sine.		
60'	.78628	84321	36619	70'	.78725	79933	03949
	+	9 70434	60228		+	9 68493	19718
	-	194 03284			-	194 27201	
61	.78638	54755	96847	71	.78735	48426	23667
	+	9 70240	56944		+	9 68298	92517
	-	194 05678			-	194 29592	
62	.78648	24996	53791	72	.78745	16725	16184
	+	9 70046	51266		+	9 68104	62925
	-	194 08071			-	194 31980	
63	.78657	95043	05057	73	.78754	84829	79109
	+	9 69852	43195		+	9 67910	30945
	-	194 10464			-	194 34368	
64	.78667	64895	48252	74	.78764	52740	10054
	+	9 69658	32731		+	9 67715	96577
	-	194 12857			-	194 36756	
65	.78677	34553	80983	75	.78774	20456	06631
	+	9 69464	19874		+	9 67521	59821
	-	194 15250			-	194 39143	
66	.78687	04018	00857	76	.78783	87977	66452
	+	9 69270	04624		+	9 67327	20678
	-	194 17639			-	194 41530	
67	.78696	73288	05481	77	.78793	55304	87130
	+	9 69075	86985		+	9 67132	79148
	-	194 20032			-	194 43916	
68	.78706	42363	92466	78	.78803	22437	66278
	+	9 68881	66953		+	9 66938	35232
	-	194 22423			-	194 46302	
69	.78716	11245	59419	79	.78812	89376	01510
	+	9 68687	44530		+	9 66743	88930
	-	194 24812			-	194 48687	

57 ^c	Sine.			57 ^c	Sine.		
80'	.78822	56119	90440	90'	.78919	12858	08588
	+	9 66549	40243		+	9 64603	22281
	-	194 51073			-	194 74895	
81	.78832	22669	30683	91	.78928	77461	30869
	+	9 66354	89170		+	9 64408	47386
	-	194 53457			-	194 77275	
82	.78841	89024	19853	92	.78938	41869	78255
	+	9 66160	35713		+	9 64213	70111
	-	194 55840			-	194 79652	
83	.78851	55184	55566	93	.78948	06083	48366
	+	9 65965	79873		+	9 64018	90459
	-	194 58223			-	194 82032	
84	.78861	21150	35439	94	.78957	70102	38825
	+	9 65771	21650		+	9 63824	08427
	-	194 60608			-	194 84411	
85	.78870	86921	57089	95	.78967	33926	47252
	+	9 65576	61042		+	9 63629	24016
	-	194 62989			-	194 86786	
86	.78880	52498	18131	96	.78976	97555	71268
	+	9 65381	98053		+	9 63434	37230
	-	194 65372			-	194 89166	
87	.78890	17880	16184	97	.78986	60990	08498
	+	9 65187	32681		+	9 63239	48064
	-	194 67752			-	194 91541	
88	.78899	83067	48865	98	.78996	24229	56562
	+	9 64992	64929		+	9 63044	56523
	-	194 70135			-	194 93918	
89	.78909	48060	13794	99	.79005	87274	13085
	+	9 64797	94794		+	9 62849	62605
	-	194 72513			-	194 96293	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

58 ^c	Sine.			58 ^c	Sine.		
00'	.79015	50123	75690	10'	.79111	67893	13846
	+	9 62654	66312		+	9 60703	72818
	-	194 98669			-	195 22395	
01	.79025	12778	42002	11	.79121	28596	86664
	+	9 62459	67643		+	9 60508	50423
	-	195 01043			-	195 24764	
02	.79034	75238	09645	12	.79130	89105	37087
	+	9 62264	66600		+	9 60313	25659
	-	195 03418			-	195 27135	
03	.79044	37502	76245	13	.79140	49418	62746
	+	9 62069	63182		+	9 60117	98524
	-	195 05792			-	195 29503	
04	.79053	99572	39427	14	.79150	09536	61270
	+	9 61874	57390		+	9 59922	69021
	-	195 08164			-	195 31872	
05	.79063	61446	96817	15	.79159	69459	30291
	+	9 61679	49226		+	9 59727	37149
	-	195 10538			-	195 34239	
06	.79073	23126	46043	16	.79169	29186	67440
	+	9 61484	38688		+	9 59532	02910
	-	195 12911			-	195 36608	
07	.79082	84610	84731	17	.79178	88718	70350
	+	9 61289	25777		+	9 59336	66302
	-	195 15281			-	195 38974	
08	.79092	45900	10508	18	.79188	48055	36652
	+	9 61094	10496		+	9 59141	27328
	-	195 17654			-	195 41341	
09	.79102	06994	21004	19	.79198	07196	63980
	+	9 60898	92842		+	9 58945	85987
	-	195 20024			-	195 43707	

58 ^c	Sine.			58 ^c	Sine.		
20'	.79207	66142	49967	30'	.79303	44848	15780
	+	9	58750 42280		+	9	56794 75180
	-		195 46073		-		195 69703
21	.79217	24892	92247	31	.79313	01642	90960
	+	9	58554 96207		+	9	56599 05477
	-		195 48437		-		195 72062
22	.79226	83447	88454	32	.79322	58241	96437
	+	9	58359 47770		+	9	56403 33415
	-		195 50803		-		195 74423
23	.79236	41807	36224	33	.79332	14645	29852
	+	9	58163 96967		+	9	56207 58992
	-		195 53167		-		195 76781
24	.79245	99971	33191	34	.79341	70852	88844
	+	9	57968 43800		+	9	56011 82211
	-		195 55530		-		195 79142
25	.79255	57939	76991	35	.79351	26864	71055
	+	9	57772 88270		+	9	55816 03069
	-		195 57894		-		195 81498
26	.79265	15712	65261	36	.79360	82680	74124
	+	9	57577 30376		+	9	55620 21571
	-		195 60256		-		195 83858
27	.79274	73289	95637	37	.79370	38300	95695
	+	9	57381 70120		+	9	55424 37713
	-		195 62618		-		195 86213
28	.79284	30671	65757	38	.79379	93725	33408
	+	9	57186 07502		+	9	55228 51500
	-		195 64981		-		195 88573
29	.79293	87857	73259	39	.79389	48953	84908
	+	9	56990 42521		+	9	55032 62927
	-		195 67341		-		195 90927

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

58 ^c	Sine.			58 ^c	Sine.		
40'	.79399	03986	47835	50'	.79494	43533	87510
	+	9	54836 72000		+	9	52876 33224
	-		195 93283		-		196 16817
41	.79408	58823	19835	51	.79503	96410	20734
	+	9	54640 78717		+	9	52680 16407
	-		195 95640		-		196 19168
42	.79418	13463	98552	52	.79513	49090	37141
	+	9	54444 83077		+	9	52483 97239
	-		195 97995		-		196 21517
43	.79427	67908	81629	53	.79523	01574	34380
	+	9	54248 85082		+	9	52287 75722
	-		196 00348		-		196 23867
44	.79437	22157	66711	54	.79532	53862	10102
	+	9	54052 84734		+	9	52091 51855
	-		196 02702		-		196 26217
45	.79446	76210	51445	55	.79542	05953	61957
	+	9	53856 82032		+	9	51895 25638
	-		196 05057		-		196 28565
46	.79456	30067	33477	56	.79551	57848	87595
	+	9	53660 76975		+	9	51698 97073
	-		196 07410		-		196 30914
47	.79465	83728	10452	57	.79561	09547	84668
	+	9	53464 69565		+	9	51502 66159
	-		196 09761		-		196 33260
48	.79475	37192	80017	58	.79570	61050	50827
	+	9	53268 59804		+	9	51306 32899
	-		196 12115		-		196 35609
49	.79484	90461	39821	59	.79580	12356	83726
	+	9	53072 47689		+	9	51109 97290
	-		196 14465		-		196 37955

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

58 ^c	Sine.			58 ^c	Sine.		
60'	.79589	63466	81016	70'	.79684	63761	79404
	+	9 50913	59335		+	9 48948	50817
	-	196 40302			-	196 63737	
61	.79599	14380	40351	71	.79694	12710	30221
	+	9 50717	19033		+	9 48751	87080
	-	196 42647			-	196 66079	
62	.79608	65097	59384	72	.79703	61462	17301
	+	9 50520	76386		+	9 48555	21001
	-	196 44992			-	196 68419	
63	.79618	15618	35770	73	.79713	10017	38302
	+	9 50324	31394		+	9 48358	52582
	-	196 47338			-	196 70759	
64	.79627	65942	67164	74	.79722	58375	90884
	+	9 50127	84056		+	9 48161	81823
	-	196 49682			-	196 73098	
65	.79637	16070	51220	75	.79732	06537	72707
	+	9 49931	34374		+	9 47965	08725
	-	196 52025			-	196 75439	
66	.79646	66001	85594	76	.79741	54502	81432
	+	9 49734	82349		+	9 47768	33286
	-	196 54369			-	196 77775	
67	.79656	15736	67943	77	.79751	02271	14718
	+	9 49538	27980		+	9 47571	55511
	-	196 56713			-	196 80114	
68	.79665	65274	95923	78	.79760	49842	70229
	+	9 49341	71267		+	9 47374	75397
	-	196 59053			-	196 82452	
69	.79675	14616	67190	79	.79769	97217	45626
	+	9 49145	12214		+	9 47177	92945
	-	196 61397			-	196 84789	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

58 ^c	Sine.			58 ^c	Sine.		
80'	.79779	44395	38571	90'	.79874	05344	19265
	+	9 46981	08156		+	9 45011	31837
	-	196 87125			-	197 10464	
81	.79788	91376	46727	91	.79883	50355	51102
	+	9 46784	21031		+	9 44814	21373
	-	196 89461			-	197 12796	
82	.79798	38160	67758	92	.79892	95169	72475
	+	9 46587	31570		+	9 44617	08577
	-	196 91798			-	197 15127	
83	.79807	84747	99328	93	.79902	39786	81052
	+	9 46390	39772		+	9 44419	93450
	-	196 94131			-	197 17456	
84	.79817	31138	39100	94	.79911	84206	74502
	+	9 46193	45641		+	9 44222	75994
	-	196 96468			-	197 19786	
85	.79826	77331	84741	95	.79921	28429	50496
	+	9 45996	49173		+	9 44025	56208
	-	196 98800			-	197 22117	
86	.79836	23328	33914	96	.79930	72455	06704
	+	9 45799	50373		+	9 43828	34091
	-	197 01135			-	197 24444	
87	.79845	69127	84287	97	.79940	16283	40795
	+	9 45602	49238		+	9 43631	09647
	-	197 03468			-	197 26772	
88	.79855	14730	33525	98	.79949	59914	50442
	+	9 45405	45770		+	9 43433	82875
	-	197 05800			-	197 29101	
89	.79864	60135	79295	99	.79959	03348	33317
	+	9 45208	39970		+	9 43236	53774
	-	197 08133			-	197 31429	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

59°	Sine.			59°	Sine.		
00'	.79968	46584	87091	10'	.80062	68094	12516
	+	9 43039	22345		+	9 41064	80168
	-	197 33754			-	197 56996	
01	.79977	89624	09436	11	.80072	09158	92684
	+	9 42841	88591		+	9 40867	23172
	-	197 36081			-	197 59318	
02	.79987	32465	98027	12	.80081	50026	15856
	+	9 42644	52510		+	9 40669	63854
	-	197 38408			-	197 61639	
03	.79996	75110	50537	13	.80090	90695	79710
	+	9 42447	14102		+	9 40472	02215
	-	197 40732			-	197 63960	
04	.80006	17557	64639	14	.80100	31167	81925
	+	9 42249	73370		+	9 40274	38255
	-	197 43058			-	197 66279	
05	.80015	59807	38009	15	.80109	71442	20180
	+	9 42052	30312		+	9 40076	71976
	-	197 45381			-	197 68600	
06	.80025	01859	68321	16	.80119	11518	92156
	+	9 41854	84931		+	9 39879	03376
	-	197 47706			-	197 70918	
07	.80034	43714	53252	17	.80128	51397	95532
	+	9 41657	37225		+	9 39681	32458
	-	197 50030			-	197 73237	
08	.80043	85371	90477	18	.80137	91079	27990
	+	9 41459	87195		+	9 39483	59221
	-	197 52351			-	197 75555	
09	.80053	26831	77672	19	.80147	30562	87211
	+	9 41262	34844		+	9 39285	83666
	-	197 54676			-	197 77873	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

59°	Sine.			59°	Sine.		
20'	.80156	69848	70877	30'	.80250	51825	42384
	+	9 39088	05793		+	9 37108	99707
	-	197 80189			-	198 03333	
21	.80166	08936	76670	31	.80259	88934	42091
	+	9 38890	25604		+	9 36910	96374
	-	197 82507			-	198 05646	
22	.80175	47827	02274	32	.80269	25845	38465
	+	9 38692	43097		+	9 36712	90728
	-	197 84822			-	198 07957	
23	.80184	86519	45371	33	.80278	62558	29193
	+	9 38494	58275		+	9 36514	82771
	-	197 87138			-	198 10268	
24	.80194	25014	03646	34	.80287	99073	11964
	+	9 38296	71137		+	9 36316	72503
	-	197 89453			-	198 12577	
25	.80203	63310	74783	35	.80297	35389	84467
	+	9 38098	81684		+	9 36118	59926
	-	197 91768			-	198 14888	
26	.80213	01409	56467	36	.80306	71508	44393
	+	9 37900	89916		+	9 35920	45038
	-	197 94082			-	198 17198	
27	.80222	39310	46383	37	.80316	07428	89431
	+	9 37702	95834		+	9 35722	27840
	-	197 96396			-	198 19504	
28	.80231	77013	42217	38	.80325	43151	17271
	+	9 37504	99438		+	9 35524	08336
	-	197 98709			-	198 21815	
29	.80241	14518	41655	39	.80334	78675	25607
	+	9 37307	00729		+	9 35325	86521
	-	198 01022			-	198 24122	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

59 ^c	Sine.			59 ^c	Sine.		
40'	.80344	14001	12128	50'	.80437	56352	70084
	+	9 35127	62399		+	9 33143	94358
	-	198 26429			-	198 49476	
41	.80353	49128	74527	51	.80446	89496	64442
	+	9 34929	35970		+	9 32945	44882
	-	198 28737			-	198 51778	
42	.80362	84058	10497	52	.80456	22442	09324
	+	9 34731	07233		+	9 32746	93104
	-	198 31041			-	198 54079	
43	.80372	18789	17730	53	.80465	55189	02428
	+	9 34532	76192		+	9 32548	39025
	-	198 33349			-	198 56380	
44	.80381	53321	93922	54	.80474	87737	41453
	+	9 34334	42843		+	9 32349	82645
	-	198 35654			-	198 58681	
45	.80390	87656	36765	55	.80484	20087	24098
	+	9 34136	07189		+	9 32151	23964
	-	198 37958			-	198 60980	
46	.80400	21792	43954	56	.80493	52238	48062
	+	9 33937	69231		+	9 31952	62984
	-	198 40263			-	198 63280	
47	.80409	55730	13185	57	.80502	84191	11046
	+	9 33739	28968		+	9 31753	99704
	-	198 42567			-	198 65579	
48	.80418	89469	42153	58	.80512	15945	10750
	+	9 33540	86401		+	9 31555	34125
	-	198 44871			-	198 67878	
49	.80428	23010	28554	59	.80521	47500	44875
	+	9 33342	41530		+	9 31356	66247
	-	198 47172			-	198 70175	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

59 ^c	Sine.			59 ^c	Sine.		
60'	.80530	78857	11122	70'	.80623	81491	35005
	+	9 31157	96072		+	9 29169	68032
	-	198 72474			-	198 95422	
61	.80540	10015	07194	71	.80633	10661	03037
	+	9 30959	23598		+	9 28970	72610
	-	198 74769			-	198 97713	
62	.80549	40974	30792	72	.80642	39631	75647
	+	9 30760	48829		+	9 28771	74897
	-	198 77068			-	199 00006	
63	.80558	71734	79621	73	.80651	68403	50544
	+	9 30561	71761		+	9 28572	74891
	-	198 79362			-	199 02296	
64	.80568	02296	51382	74	.80660	96976	25435
	+	9 30362	92399		+	9 28373	72595
	-	198 81659			-	199 04587	
65	.80577	32659	43781	75	.80670	25349	98030
	+	9 30164	10740		+	9 28174	68008
	-	198 83953			-	199 06878	
66	.80586	62823	54521	76	.80679	53524	66038
	+	9 29965	26787		+	9 27975	61130
	-	198 86248			-	199 09167	
67	.80595	92788	81308	77	.80688	81500	27168
	+	9 29766	40539		+	9 27776	51963
	-	198 88542			-	199 11456	
68	.80605	22555	21847	78	.80698	09276	79131
	+	9 29567	51997		+	9 27577	40507
	-	198 90836			-	199 13745	
69	.80614	52122	73844	79	.80707	36854	19638
	+	9 29368	61161		+	9 27378	26762
	-	198 93129			-	199 16033	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

59 ^c	Sine.			59 ^c	Sine.		
80'	.80716	64232	46400	90'	.80809	27057	54885
	+	9	27179 10729		+	9	25186 24653
	-		199 18321		-		199 41170
81	.80725	91411	57129	91	.80818	52243	79538
	+	9	26979 92408		+	9	24986 83483
	-		199 20608		-		199 43454
82	.80735	18391	49537	92	.80827	77230	63021
	+	9	26780 71800		+	9	24787 40029
	-		199 22895		-		199 45735
83	.80744	45172	21337	93	.80837	02018	03050
	+	9	26581 48905		+	9	24587 94294
	-		199 25181		-		199 48017
84	.80753	71753	70242	94	.80846	26605	97344
	+	9	26382 23724		+	9	24388 46277
	-		199 27467		-		199 50297
85	.80762	98135	93966	95	.80855	50994	43621
	+	9	26182 96257		+	9	24188 95980
	-		199 29752		-		199 52578
86	.80772	24318	90223	96	.80864	75183	39601
	+	9	25983 66505		+	9	23989 43402
	-		199 32037		-		199 54857
87	.80781	50302	56728	97	.80873	99172	83003
	+	9	25784 34468		+	9	23789 88545
	-		199 34321		-		199 57138
88	.80790	76086	91196	98	.80883	22962	71548
	+	9	25585 00147		+	9	23590 31407
	-		199 36605		-		199 59415
89	.80800	01671	91343	99	.80892	46553	02955
	+	9	25385 63542		+	9	23390 71992
	-		199 38889		-		199 61694

60°	Sine.			60°	Sine.		
00'	.80901	69943	74947	10'	.80993	92868	25999
	+	9 23191	10298		+	9 21193	68153
	-	199 63972			-	199 86723	
01	.80910	93134	85245	11	.81003	14061	94152
	+	9 22991	46326		+	9 20993	81430
	-	199 66250			-	199 88996	
02	.80920	16126	31571	12	.81012	35055	75582
	+	9 22791	80076		+	9 20793	92434
	-	199 68526			-	199 91269	
03	.80929	38918	11647	13	.81021	55849	68016
	+	9 22592	11550		+	9 20594	01165
	-	199 70803			-	199 93539	
04	.80938	61510	23197	14	.81030	76443	69181
	+	9 22392	40747		+	9 20394	07626
	-	199 73078			-	199 95811	
05	.80947	83902	63944	15	.81039	96837	76807
	+	9 22192	67669		+	9 20194	11815
	-	199 75355			-	199 98081	
06	.80957	06095	31613	16	.81049	17031	88622
	+	9 21992	92314		+	9 19994	13734
	-	199 77629			-	200 00351	
07	.80966	28088	23927	17	.81058	37026	02356
	+	9 21793	14685		+	9 19794	13383
	-	199 79903			-	200 02621	
08	.80975	49881	38612	18	.81067	56820	15739
	+	9 21593	34782		+	9 19594	10762
	-	199 82177			-	200 04890	
09	.80984	71474	73394	19	.81076	76414	26501
	+	9 21393	52605		+	9 19394	05872
	-	199 84452			-	200 07157	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

60°	Sine.			60°	Sine.		
20'	.81085	95808	32373	30'	.81177	78741	23338
	+	9 19193	98715		+	9 17192	02473
	-	200 09427			-	200 32080	
21	.81095	15002	31088	31	.81186	95933	25811
	+	9 18993	89288		+	9 16991	70393
	-	200 11694			-	200 34341	
22	.81104	33996	20376	32	.81196	12924	96204
	+	9 18793	77594		+	9 16791	36052
	-	200 13960			-	200 36604	
23	.81113	52789	97970	33	.81205	29716	32256
	+	9 18593	63634		+	9 16590	99448
	-	200 16228			-	200 38866	
24	.81122	71383	61604	34	.81214	46307	31704
	+	9 18393	47406		+	9 16390	60582
	-	200 18493			-	200 41126	
25	.81131	89777	09010	35	.81223	62697	92286
	+	9 18193	28913		+	9 16190	19456
	-	200 20759			-	200 43388	
26	.81141	07970	37923	36	.81232	78888	11742
	+	9 17993	08154		+	9 15989	76068
	-	200 23024			-	200 45646	
27	.81150	25963	46077	37	.81241	94877	87810
	+	9 17792	85130		+	9 15789	30422
	-	200 25288			-	200 47908	
28	.81159	43756	31207	38	.81251	10667	18232
	+	9 17592	59842		+	9 15588	82514
	-	200 27553			-	200 50166	
29	.81168	61348	91049	39	.81260	26256	00746
	+	9 17392	32289		+	9 15388	32348
	-	200 29816			-	200 52425	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

60°	Sine.			60°	Sine.		
40'	.81269	41644	33094	50'	.81360	84495	00787
	+	9 15187	79923		+	9 13181	31561
	-	200 54682			-	200 77238	
41	.81278	56832	13017	51	.81369	97676	32348
	+	9 14987	25241		+	9 12980	54323
	-	200 56941			-	200 79489	
42	.81287	71819	38258	52	.81379	10656	86671
	+	9 14786	68300		+	9 12779	74834
	-	200 59198			-	200 81742	
43	.81296	86606	06558	53	.81388	23436	61505
	+	9 14586	09102		+	9 12578	93092
	-	200 61453			-	200 83994	
44	.81306	01192	15660	54	.81397	36015	54597
	+	9 14385	47649		+	9 12378	09098
	-	200 63712			-	200 86244	
45	.81315	15577	63309	55	.81406	48393	63695
	+	9 14184	83937		+	9 12177	22854
	-	200 65965			-	200 88496	
46	.81324	29762	47246	56	.81415	60570	86549
	+	9 13984	17972		+	9 11976	34358
	-	200 68222			-	200 90745	
47	.81333	43746	65218	57	.81424	72547	20907
	+	9 13783	49750		+	9 11775	43613
	-	200 70475			-	200 92996	
48	.81342	57530	14968	58	.81433	84322	64520
	+	9 13582	79275		+	9 11574	50617
	-	200 72731			-	200 95245	
49	.81351	71112	94243	59	.81442	95897	15137
	+	9 13382	06544		+	9 11373	55372
	-	200 74983			-	200 97492	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

60°	Sine.			60°	Sine.		
60'	.81452	07270	70509	70'	.81543	09948	91307
	+	9 11172	57880		+	9 09161	59375
	-	200 99743			-	201 22197	
61	.81461	18443	28389	71	.81552	19110	50682
	+	9 10971	58137		+	9 08960	37178
	-	201 01989			-	201 24438	
62	.81470	29414	86526	72	.81561	28070	87860
	+	9 10770	56148		+	9 08759	12740
	-	201 04236			-	201 26683	
63	.81479	40185	42674	73	.81570	36830	00600
	+	9 10569	51912		+	9 08557	86057
	-	201 06483			-	201 28923	
64	.81488	50754	94586	74	.81579	45387	86657
	+	9 10368	45429		+	9 08356	57134
	-	201 08730			-	201 31164	
65	.81497	61123	40015	75	.81588	53744	43791
	+	9 10167	36699		+	9 08155	25970
	-	201 10976			-	201 33406	
66	.81506	71290	76714	76	.81597	61899	69761
	+	9 09966	25723		+	9 07953	92564
	-	201 13219			-	201 35646	
67	.81515	81257	02437	77	.81606	69853	62325
	+	9 09765	12504		+	9 07752	56918
	-	201 15467			-	201 37885	
68	.81524	91022	14941	78	.81615	77606	19243
	+	9 09563	97037		+	9 07551	19033
	-	201 17708			-	201 40125	
69	.81534	00586	11978	79	.81624	85157	38276
	+	9 09362	79329		+	9 07349	78908
	-	201 19954			-	201 42364	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

60°	Sine.			60°	Sine.		
80'	.81633	92507	17184	90'	.81724	54923	07110
	+	9 07148	36544		+	9 05132	89884
	-	201 44601			-	201 66958	
81	.81642	99655	53728	91	.81733	60055	96994
	+	9 06946	91943		+	9 04931	22926
	-	201 46840			-	201 69190	
82	.81652	06602	45671	92	.81742	64987	19920
	+	9 06745	45103		+	9 04729	53736
	-	201 49078			-	201 71423	
83	.81661	13347	90774	93	.81751	69716	73656
	+	9 06543	96025		+	9 04527	82313
	-	201 51313			-	201 73654	
84	.81670	19891	86799	94	.81760	74244	55969
	+	9 06342	44712		+	9 04326	08659
	-	201 53550			-	201 75887	
85	.81679	26234	31511	95	.81769	78570	64628
	+	9 06140	91162		+	9 04124	32772
	-	201 55786			-	201 78115	
86	.81688	32375	22673	96	.81778	82694	97400
	+	9 05939	35376		+	9 03922	54657
	-	201 58022			-	201 80349	
87	.81697	38314	58049	97	.81787	86617	52057
	+	9 05737	77354		+	9 03720	74308
	-	201 60255			-	201 82575	
88	.81706	44052	35403	98	.81796	90338	26365
	+	9 05536	17099		+	9 03518	91733
	-	201 62491			-	201 84808	
89	.81715	49588	52502	99	.81805	93857	18098
	+	9 05334	54608		+	9 03317	06925
	-	201 64724			-	201 87034	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

61 ^c	Sine.			61 ^c	Sine.		
00'	.81814	97174	25023	10'	.81905	19238	39839
	+	9 03115	19891		+	9 01095	27063
	-	201 89263			-	202 11519	
01	.81824	00289	44914	11	.81914	20333	66902
	+	9 02913	30628		+	9 00893	15544
	-	201 91492			-	202 13743	
02	.81833	03202	75542	12	.81923	21226	82446
	+	9 02711	39136		+	9 00691	01801
	-	201 93719			-	202 15965	
03	.81842	05914	14678	13	.81932	21917	84247
	+	9 02509	45417		+	9 00488	85836
	-	201 95945			-	202 18186	
04	.81851	08423	60095	14	.81941	22406	70083
	+	9 02307	49472		+	9 00286	67650
	-	201 98172			-	202 20408	
05	.81860	10731	09567	15	.81950	22693	37733
	+	9 02105	51300		+	9 00084	47242
	-	202 00398			-	202 22629	
06	.81869	12836	60867	16	.81959	22777	84975
	+	9 01903	50902		+	8 99882	24613
	-	202 02622			-	202 24850	
07	.81878	14740	11769	17	.81968	22660	09588
	+	9 01701	48280		+	8 99679	99763
	-	202 04849			-	202 27068	
08	.81887	16441	60049	18	.81977	22340	09351
	+	9 01499	43431		+	8 99477	72695
	-	202 07072			-	202 29289	
09	.81896	17941	03480	19	.81986	21817	82046
	+	9 01297	36359		+	8 99275	43406
	-	202 09296			-	202 31507	

61 ^c	Sine.			61 ^c	Sine.		
20'	.81995	21093	25452	30'	.82085	02716	60745
	+	8 99073	11899		+	8 97048	74897
	-	202 33726			-	202 55881	
21	.82004	20166	37351	31	.82093	99765	35642
	+	8 98870	78173		+	8 96846	19016
	-	202 35943			-	202 58096	
22	.82013	19037	15524	32	.82102	96611	54658
	+	8 98668	42230		+	8 96643	60920
	-	202 38161			-	202 60306	
23	.82022	17705	57754	33	.82111	93255	15578
	+	8 98466	04069		+	8 96441	00614
	-	202 40378			-	202 62520	
24	.82031	16171	61823	34	.82120	89696	16192
	+	8 98263	63691		+	8 96238	38094
	-	202 42595			-	202 64730	
25	.82040	14435	25514	35	.82129	85934	54286
	+	8 98061	21096		+	8 96035	73364
	-	202 44809			-	202 66942	
26	.82049	12496	46610	36	.82138	81970	27650
	+	8 97858	76287		+	8 95833	06422
	-	202 47026			-	202 69151	
27	.82058	10355	22897	37	.82147	77803	34072
	+	8 97656	29261		+	8 95630	37271
	-	202 49240			-	202 71362	
28	.82067	08011	52158	38	.82156	73433	71343
	+	8 97453	80021		+	8 95427	65909
	-	202 51455			-	202 73571	
29	.82076	05465	32179	39	.82165	68861	37252
	+	8 97251	28566		+	8 95224	92338
	-	202 53669			-	202 75780	

61 ^c	Sine.			61 ^c	Sine.		
40'	.82174	64086	29590	50'	.82264	05180	20860
	+	8 95022	16558		+	8 92993	37381
	-	202 77988			-	203 00045	
41	.82183	59108	46148	51	.82272	98173	58241
	+	8 94819	38570		+	8 92790	37336
	-	202 80196			-	203 02246	
42	.82192	53927	84718	52	.82281	90963	95577
	+	8 94616	58374		+	8 92587	35090
	-	202 82404			-	203 04451	
43	.82201	48544	43092	53	.82290	83551	30667
	+	8 94413	75970		+	8 92384	30639
	-	202 84610			-	203 06651	
44	.82210	42958	19062	54	.82299	75935	61306
	+	8 94210	91360		+	8 92181	23988
	-	202 86817			-	203 08854	
45	.82219	37169	10422	55	.82308	68116	85294
	+	8 94008	04543		+	8 91978	15134
	-	202 89022			-	203 11053	
46	.82228	31177	14965	56	.82317	60095	00428
	+	8 93805	15521		+	8 91775	04081
	-	202 91229			-	203 13254	
47	.82237	24982	30486	57	.82326	51870	04509
	+	8 93602	24292		+	8 91571	90827
	-	202 93432			-	203 15455	
48	.82246	18584	54778	58	.82335	43441	95336
	+	8 93399	30860		+	8 91368	75372
	-	202 95638			-	203 17653	
49	.82255	11983	85638	59	.82344	34810	70708
	+	8 93196	35222		+	8 91165	57719
	-	202 97841			-	203 19852	

61 ^c	Sine.			61 ^c	Sine.		
60'	.82353	25976	28427	70'	.82442	26452	51175
	+	8 90962	37867		+	8 88929	18517
	-	203 22051			-	203 44008	
61	.82362	16938	66294	71	.82451	15381	69692
	+	8 90759	15816		+	8 88725	74509
	-	203 24248			-	203 46199	
62	.82371	07697	82110	72	.82460	04107	44201
	+	8 90555	91568		+	8 88522	28310
	-	203 26447			-	203 48392	
63	.82379	98253	73678	73	.82468	92629	72511
	+	8 90352	65121		+	8 88318	79918
	-	203 28642			-	203 50584	
64	.82388	88606	38799	74	.82477	80948	52429
	+	8 90149	36479		+	8 88115	29334
	-	203 30839			-	203 52774	
65	.82397	78755	75278	75	.82486	69063	81763
	+	8 89946	05640		+	8 87911	76560
	-	203 33036			-	203 54967	
66	.82406	68701	80918	76	.82495	56975	58323
	+	8 89742	72604		+	8 87708	21593
	-	203 35229			-	203 57156	
67	.82415	58444	53522	77	.82504	44683	79916
	+	8 89539	37375		+	8 87504	64437
	-	203 37426			-	203 59346	
68	.82424	47983	90897	78	.82513	32188	44353
	+	8 89335	99949		+	8 87301	05091
	-	203 39620			-	203 61535	
69	.82433	37319	90846	79	.82522	19489	49444
	+	8 89132	60329		+	8 87097	43556
	-	203 41812			-	203 63725	

61 ^c	Sine.			61 ^c	Sine.		
80'	.82531	06586	93000	90'	.82619	66357	62815
	+	8 86893	79831		+	8 84856	22314
	-	203 65912			-	203 87768	
81	.82539	93480	72831	91	.82628	51213	85129
	+	8 86690	13919		+	8 84652	34546
	-	203 68101			-	203 89950	
82	.82548	80170	86750	92	.82637	35866	19675
	+	8 86486	45818		+	8 84448	44596
	-	203 70287			-	203 92134	
83	.82557	66657	32568	93	.82646	20314	64271
	+	8 86282	75531		+	8 84244	52462
	-	203 72475			-	203 94316	
84	.82566	52940	08099	94	.82655	04559	16733
	+	8 86079	03056		+	8 84040	58146
	-	203 74661			-	203 96495	
85	.82575	39019	11155	95	.82663	88599	74879
	+	8 85875	28395		+	8 83836	61651
	-	203 76846			-	203 98677	
86	.82584	24894	39550	96	.82672	72436	36530
	+	8 85671	51549		+	8 83632	62974
	-	203 79032			-	204 00858	
87	.82593	10565	91099	97	.82681	56068	99504
	+	8 85467	72517		+	8 83428	62116
	-	203 81217			-	204 03037	
88	.82601	96033	63616	98	.82690	39497	61620
	+	8 85263	91300		+	8 83224	59079
	-	203 83401			-	204 05216	
89	.82610	81297	54916	99	.82699	22722	20699
	+	8 85060	07899		+	8 83020	53863
	-	203 85585			-	204 07396	

62°	Sine.			62°	Sine.		
00'	.82708	05742	74562	10'	.82796	24720	47209
	+	8 82816	46467		+	8 80774	52795
	-	204 09572			-	204 31329	
01	.82716	88559	21029	11	.82805	05495	00004
	+	8 82612	36895		+	8 80570	21466
	-	204 11752			-	204 33500	
02	.82725	71171	57924	12	.82813	86065	21470
	+	8 82408	25143		+	8 80365	87966
	-	204 13929			-	204 35674	
03	.82734	53579	83067	13	.82822	66431	09436
	+	8 82204	11214		+	8 80161	52292
	-	204 16104			-	204 37845	
04	.82743	35783	94281	14	.82831	46592	61728
	+	8 81999	95110		+	8 79957	14447
	-	204 18282			-	204 40016	
05	.82752	17783	89391	15	.82840	26549	76175
	+	8 81795	76828		+	8 79752	74431
	-	204 20458			-	204 42187	
06	.82760	99579	66219	16	.82849	06302	50606
	+	8 81591	56370		+	8 79548	32244
	-	204 22631			-	204 44357	
07	.82769	81171	22589	17	.82857	85850	82850
	+	8 81387	33739		+	8 79343	87887
	-	204 24808			-	204 46526	
08	.82778	62558	56328	18	.82866	65194	70737
	+	8 81183	08931		+	8 79139	41361
	-	204 26981			-	204 48697	
09	.82787	43741	65259	19	.82875	44334	12098
	+	8 80978	81950		+	8 78934	92664
	-	204 29155			-	204 50864	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

62°	Sine.			62°	Sine.		
20'	.82884	23269	04762	30'	.82972	01366	76266
	+	8	78730 41800		+	8	76684 13986
	-		204 53034		-		204 74686
21	.82893	01999	46562	31	.82980	78050	90252
	+	8	78525 88766		+	8	76479 39300
	-		204 55199		-		204 76850
22	.82901	80525	35328	32	.82989	54530	29552
	+	8	78321 33567		+	8	76274 62450
	-		204 57369		-		204 79011
23	.82910	58846	68895	33	.82998	30804	92002
	+	8	78116 76198		+	8	76069 83439
	-		204 59533		-		204 81174
24	.82919	36963	45093	34	.83007	06874	75441
	+	8	77912 16665		+	8	75865 02265
	-		204 61702		-		204 83334
25	.82928	14875	61758	35	.83015	82739	77706
	+	8	77707 54963		+	8	75660 18931
	-		204 63865		-		204 85495
26	.82936	92583	16721	36	.83024	58399	96637
	+	8	77502 91098		+	8	75455 33436
	-		204 66032		-		204 87655
27	.82945	70086	07819	37	.83033	33855	30073
	+	8	77298 25066		+	8	75250 45781
	-		204 68195		-		204 89815
28	.82954	47384	32885	38	.83042	09105	75854
	+	8	77093 56871		+	8	75045 55966
	-		204 70361		-		204 91973
29	.82963	24477	89756	39	.83050	84151	31820
	+	8	76888 86510		+	8	74840 63993
	-		204 72524		-		204 94133

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

62°	Sine.			62°	Sine.		
40'	.83059	58991	95813	50'	.83146	96123	02545
	+	8 74635	69860		+	8 72585	09927
	-	204 96290			-	205 17844	
41	.83068	33627	65673	51	.83155	68708	12472
	+	8 74430	73570		+	8 72379	92083
	-	204 98448			-	205 19996	
42	.83077	08058	39243	52	.83164	41088	04555
	+	8 74225	75122		+	8 72174	72087
	-	205 00605			-	205 22148	
43	.83085	82284	14365	53	.83173	13262	76642
	+	8 74020	74517		+	8 71969	49939
	-	205 02762			-	205 24299	
44	.83094	56304	88882	54	.83181	85232	26581
	+	8 73815	71755		+	8 71764	25640
	-	205 04918			-	205 26450	
45	.83103	30120	60637	55	.83190	56996	52221
	+	8 73610	66837		+	8 71558	99190
	-	205 07072			-	205 28602	
46	.83112	03731	27474	56	.83199	28555	51411
	+	8 73405	59765		+	8 71353	70588
	-	205 09229			-	205 30750	
47	.83120	77136	87239	57	.83207	99909	21999
	+	8 73200	50536		+	8 71148	39838
	-	205 11382			-	205 32900	
48	.83129	50337	37775	58	.83216	71057	61837
	+	8 72995	39154		+	8 70943	06938
	-	205 13538			-	205 35050	
49	.83138	23332	76929	59	.83225	42000	68775
	+	8 72790	25616		+	8 70737	71888
	-	205 15689			-	205 37197	

62 ^c	Sine.			62 ^c	Sine.		
60'	.83234	12738	40663	70'	.83321	08816	59429
	+	8 70532	34691		+	8 68477	44660
	-	205 39346			-	205 60797	
61	.83242	83270	75354	71	.83329	77294	04089
	+	8 70326	95345		+	8 68271	83863
	-	205 41493			-	205 62941	
62	.83251	53597	70699	72	.83338	45565	87952
	+	8 70121	53852		+	8 68066	20922
	-	205 43640			-	205 65080	
63	.83260	23719	24551	73	.83347	13632	08874
	+	8 69916	10212		+	8 67860	55842
	-	205 45786			-	205 67224	
64	.83268	93635	34763	74	.83355	81492	64716
	+	8 69710	64426		+	8 67654	88618
	-	205 47933			-	205 69363	
65	.83277	63345	99189	75	.83364	49147	53334
	+	8 69505	16493		+	8 67449	19255
	-	205 50078			-	205 71504	
66	.83286	32851	15682	76	.83373	16596	72589
	+	8 69299	66415		+	8 67243	47751
	-	205 52223			-	205 73645	
67	.83295	02150	82097	77	.83381	83840	20340
	+	8 69094	14192		+	8 67037	74106
	-	205 54366			-	205 75782	
68	.83303	71244	96289	78	.83390	50877	94446
	+	8 68888	59826		+	8 66831	98324
	-	205 56512			-	205 77923	
69	.83312	40133	56115	79	.83399	17709	92770
	+	8 68683	03314		+	8 66626	20401
	-	205 58654			-	205 80060	

62°	Sine.			62°	Sine.		
80'	.83407	84336	13171	90'	.83494	39275	61292
	+	8 66420	40341		+	8 64361	22241
	-	205 82198			-	206 03548	
81	.83416	50756	53512	91	.83503	03636	83533
	+	8 66214	58143		+	8 64155	18693
	-	205 84336			-	206 05681	
82	.83425	16971	11655	92	.83511	67792	02226
	+	8 66008	73807		+	8 63949	13012
	-	205 86472			-	206 07811	
83	.83433	82979	85462	93	.83520	31741	15238
	+	8 65802	87335		+	8 63743	05201
	-	205 88609			-	206 09945	
84	.83442	48782	72797	94	.83528	95484	20439
	+	8 65596	98726		+	8 63536	95256
	-	205 90744			-	206 12073	
85	.83451	14379	71523	95	.83537	59021	15695
	+	8 65391	07982		+	8 63330	83183
	-	205 92879			-	206 14205	
86	.83459	79770	79505	96	.83546	22351	98878
	+	8 65185	15103		+	8 63124	68978
	-	205 95016			-	206 16334	
87	.83468	44955	94608	97	.83554	85476	67856
	+	8 64979	20087		+	8 62918	52644
	-	205 97147			-	206 18463	
88	.83477	09935	14695	98	.83563	48395	20500
	+	8 64773	22940		+	8 62712	34181
	-	205 99283			-	206 20592	
89	.83485	74708	37635	99	.83572	11107	54681
	+	8 64567	23657		+	8 62506	13589
	-	206 01416			-	206 22720	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

63 ^c	Sine.			63 ^c	Sine.		
00'	.83580	73613	68270	10'	.83666	87329	03670
	+	8 62299	90869		+	8 60236	46733
	-	206 24847			-	206 46096	
01	.83589	35913	59139	11	.83675	47565	50403
	+	8 62093	66022		+	8 60030	00637
	-	206 26975			-	206 48218	
02	.83597	98007	25161	12	.83684	07595	51040
	+	8 61887	39047		+	8 59823	52419
	-	206 29102			-	206 50340	
03	.83606	59894	64208	13	.83692	67419	03459
	+	8 61681	09945		+	8 59617	02079
	-	206 31227			-	206 52460	
04	.83615	21575	74153	14	.83701	27036	05538
	+	8 61474	78718		+	8 59410	49619
	-	206 33353			-	206 54581	
05	.83623	83050	52871	15	.83709	86446	55157
	+	8 61268	45365		+	8 59203	95038
	-	206 35479			-	206 56702	
06	.83632	44318	98236	16	.83718	45650	50195
	+	8 61062	09886		+	8 58997	38336
	-	206 37602			-	206 58820	
07	.83641	05381	08122	17	.83727	04647	88531
	+	8 60855	72284		+	8 58790	79516
	-	206 39727			-	206 60940	
08	.83649	66236	80406	18	.83735	63438	68047
	+	8 60649	32557		+	8 58584	18576
	-	206 41850			-	206 63057	
09	.83658	26886	12963	19	.83744	22022	86623
	+	8 60442	90707		+	8 58377	55519
	-	206 43974			-	206 65177	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

63 ^c	Sine.			63 ^c	Sine.		
20'	.83752	80400	42142	30'	.83838	52806	63431
	+	8	58170 90342		+	8	56103 22206
	-		206 67293		-		206 88440
21	.83761	38571	32484	31	.83847	08909	85637
	+	8	57964 23049		+	8	55896 33766
	-		206 69411		-		206 90551
22	.83769	96535	55533	32	.83855	64806	19403
	+	8	57757 53638		+	8	55689 43215
	-		206 71527		-		206 92664
23	.83778	54293	09171	33	.83864	20495	62618
	+	8	57550 82111		+	8	55482 50551
	-		206 73642		-		206 94773
24	.83787	11843	91282	34	.83872	75978	13169
	+	8	57344 08469		+	8	55275 55778
	-		206 75759		-		206 96885
25	.83795	69187	99751	35	.83881	31253	68947
	+	8	57137 32710		+	8	55068 58893
	-		206 77872		-		206 98994
26	.83804	26325	32461	36	.83889	86322	27840
	+	8	56930 54838		+	8	54861 59899
	-		206 79988		-		207 01103
27	.83812	83255	87299	37	.83898	41183	87739
	+	8	56723 74850		+	8	54654 58796
	-		206 82102		-		207 03213
28	.83821	39979	62149	38	.83906	95838	46535
	+	8	56516 92748		+	8	54447 55583
	-		206 84214		-		207 05319
29	.83829	96496	54897	39	.83915	50286	02118
	+	8	56310 08534		+	8	54240 50264
	-		206 86328		-		207 07429

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

63 ^c	Sine.			63 ^c	Sine.		
40'	.83924	04526	52382	50'	.84009	35538	98942
	+	8	54033 42835		+	8	51961 52740
	-		207 09535		-		207 30580
41	.83932	58559	95217	51	.84017	87500	51682
	+	8	53826 33300		+	8	51754 22160
	-		207 11643		-		207 32681
42	.83941	12386	28517	52	.84026	39254	73842
	+	8	53619 21657		+	8	51546 89479
	-		207 13747		-		207 34782
43	.83949	66005	50174	53	.84034	90801	63321
	+	8	53412 07910		+	8	51339 54697
	-		207 15855		-		207 36884
44	.83958	19417	58084	54	.84043	42141	18018
	+	8	53204 92055		+	8	51132 17813
	-		207 17958		-		207 38982
45	.83966	72622	50139	55	.84051	93273	35831
	+	8	52997 74097		+	8	50924 78831
	-		207 20065		-		207 41083
46	.83975	25620	24236	56	.84060	44198	14662
	+	8	52790 54032		+	8	50717 37748
	-		207 22168		-		207 43182
47	.83983	78410	78268	57	.84068	94915	52410
	+	8	52583 31864		+	8	50509 94566
	-		207 24272		-		207 45280
48	.83992	30994	10132	58	.84077	45425	46976
	+	8	52376 07592		+	8	50302 49286
	-		207 26374		-		207 47379
49	.84000	83370	17724	59	.84085	95727	96262
	+	8	52168 81218		+	8	50095 01907
	-		207 28478		-		207 49475

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

63 ^c	Sine.			63 ^c	Sine.		
60'	.84094	45822	98169	70'	.84179	35357	50235
	+	8 49887	52432		+	8 47811	42422
	-	207	51573		-	207	72514
61	.84102	95710	50601	71	.84187	83168	92657
	+	8 49680	00859		+	8 47603	69908
	-	207	53670		-	207	74607
62	.84111	45390	51460	72	.84196	30772	62565
	+	8 49472	47189		+	8 47395	95301
	-	207	55765		-	207	76697
63	.84119	94862	98649	73	.84204	78168	57866
	+	8 49264	91424		+	8 47188	18604
	-	207	57860		-	207	78787
64	.84128	44127	90073	74	.84213	25356	76470
	+	8 49057	33564		+	8 46980	39817
	-	207	59957		-	207	80878
65	.84136	93185	23637	75	.84221	72337	16287
	+	8 48849	73607		+	8 46772	58939
	-	207	62049		-	207	82966
66	.84145	42034	97244	76	.84230	19109	75226
	+	8 48642	11558		+	8 46564	75973
	-	207	64145		-	207	85056
67	.84153	90677	08802	77	.84238	65674	51199
	+	8 48434	47413		+	8 46356	90917
	-	207	66238		-	207	87143
68	.84162	39111	56215	78	.84247	12031	42116
	+	8 48226	81175		+	8 46149	03774
	-	207	68330		-	207	89232
69	.84170	87338	37390	79	.84255	58180	45890
	+	8 48019	12845		+	8 45941	14542
	-	207	70423		-	207	91318

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

63 ^c	Sine.			63 ^c	Sine.		
80'	.84264	04121	60432	90'	.84348	52094	39177
	+	8 45733	23224		+	8 43652	95348
	-	207 93406			-	208 14244	
81	.84272	49854	83656	91	.84356	95747	34525
	+	8 45525	29818		+	8 43444	81104
	-	207 95492			-	208 16326	
82	.84280	95380	13474	92	.84365	39192	15629
	+	8 45317	34326		+	8 43236	64778
	-	207 97577			-	208 18407	
83	.84289	40697	47800	93	.84373	82428	80407
	+	8 45109	36749		+	8 43028	46371
	-	207 99663			-	208 20487	
84	.84297	85806	84549	94	.84382	25457	26778
	+	8 44901	37086		+	8 42820	25884
	-	208 01748			-	208 22566	
85	.84306	30708	21635	95	.84390	68277	52662
	+	8 44693	35338		+	8 42612	03318
	-	208 03831			-	208 24646	
86	.84314	75401	56973	96	.84399	10889	55980
	+	8 44485	31507		+	8 42403	78672
	-	208 05915			-	208 26723	
87	.84323	19886	88480	97	.84407	53293	34652
	+	8 44277	25592		+	8 42195	51949
	-	208 07999			-	208 28802	
88	.84331	64164	14072	98	.84415	95488	86601
	+	8 44069	17593		+	8 41987	23147
	-	208 10081			-	208 30880	
89	.84340	08233	31665	99	.84424	37476	09748
	+	8 43861	07512		+	8 41778	92267
	-	208 12164			-	208 32956	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

64 ^c	Sine.			64 ^c	Sine.		
00'	.84432	79255	02015	10'	.84516	85582	69630
	+	8	41570 59311		+	8	39486 15623
	-		208 35033		-		208 55769
01	.84441	20825	61326	11	.84525	25068	85253
	+	8	41362 24278		+	8	39277 59854
	-		208 37110		-		208 57840
02	.84449	62187	85604	12	.84533	64346	45107
	+	8	41153 87168		+	8	39069 02014
	-		208 39183		-		208 59911
03	.84458	03341	72772	13	.84542	03415	47121
	+	8	40945 47985		+	8	38860 42103
	-		208 41260		-		208 61981
04	.84466	44287	20757	14	.84550	42275	89224
	+	8	40737 06725		+	8	38651 80122
	-		208 43334		-		208 64049
05	.84474	85024	27482	15	.84558	80927	69346
	+	8	40528 63391		+	8	38443 16073
	-		208 45407		-		208 66119
06	.84483	25552	90873	16	.84567	19370	85419
	+	8	40320 17984		+	8	38234 49954
	-		208 47482		-		208 68188
07	.84491	65873	08857	17	.84575	57605	35373
	+	8	40111 70502		+	8	38025 81766
	-		208 49553		-		208 70253
08	.84500	05984	79359	18	.84583	95631	17139
	+	8	39903 20949		+	8	37817 11513
	-		208 51627		-		208 72323
09	.84508	45888	00308	19	.84592	33448	28652
	+	8	39694 69322		+	8	37608 39190
	-		208 53699		-		208 74388

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

64 ^c	Sine.			64 ^c	Sine.		
20'	.84600	71056	67842	30'	.84684	35656	27621
	+	8 37399	64802		+	8 35311	07360
	-	208 76455			-	208 97089	
21	.84609	08456	32644	31	.84692	70967	34981
	+	8 37190	88347		+	8 35102	10271
	-	208 78520			-	208 99149	
22	.84617	45647	20991	32	.84701	06069	45252
	+	8 36982	09827		+	8 34893	11122
	-	208 80587			-	209 01208	
23	.84625	82629	30818	33	.84709	40962	56374
	+	8 36773	29240		+	8 34684	09914
	-	208 82649			-	209 03269	
24	.84634	19402	60058	34	.84717	75646	66288
	+	8 36564	46591		+	8 34475	06645
	-	208 84715			-	209 05328	
25	.84642	55967	06649	35	.84726	10121	72933
	+	8 36355	61876		+	8 34266	01317
	-	208 86778			-	209 07385	
26	.84650	92322	68525	36	.84734	44387	74250
	+	8 36146	75098		+	8 34056	93932
	-	208 88841			-	209 09445	
27	.84659	28469	43623	37	.84742	78444	68182
	+	8 35937	86257		+	8 33847	84487
	-	208 90904			-	209 11501	
28	.84667	64407	29880	38	.84751	12292	52669
	+	8 35728	95353		+	8 33638	72986
	-	208 92965			-	209 13558	
29	.84676	00136	25233	39	.84759	45931	25655
	+	8 35520	02388		+	8 33429	59428
	-	208 95028			-	209 15615	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

64 ^c	Sine.			64 ^c	Sine.		
40'	.84767	79360	85083	50'	.84851	02149	81504
	+	8 33220	43813		+	8 31127	74677
	-	209	17670		-	209	38200
41	.84776	12581	28896	51	.84859	33277	56181
	+	8 33011	26143		+	8 30918	36477
	-	209	19726		-	209	40252
42	.84784	45592	55039	52	.84867	64195	92658
	+	8 32802	06417		+	8 30708	96225
	-	209	21781		-	209	42300
43	.84792	78394	61456	53	.84875	94904	88883
	+	8 32592	84636		+	8 30499	53925
	-	209	23835		-	209	44351
44	.84801	10987	46092	54	.84884	25404	42808
	+	8 32383	60801		+	8 30290	09574
	-	209	25890		-	209	46398
45	.84809	43371	06893	55	.84892	55694	52382
	+	8 32174	34911		+	8 30080	63176
	-	209	27941		-	209	48448
46	.84817	75545	41804	56	.84900	85775	15558
	+	8 31965	06970		+	8 29871	14728
	-	209	29996		-	209	50494
47	.84826	07510	48774	57	.84909	15646	30286
	+	8 31755	76974		+	8 29661	64234
	-	209	32046		-	209	52542
48	.84834	39266	25748	58	.84917	45307	94520
	+	8 31546	44928		+	8 29452	11692
	-	209	34100		-	209	54587
49	.84842	70812	70676	59	.84925	74760	06212
	+	8 31337	10828		+	8 29242	57105
	-	209	36151		-	209	56636

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

64 ^c	Sine.			64 ^c	Sine.		
60'	.84934	04002	63317	70'	.85016	84898	82122
	+	8 29033	00469		+	8 26936	21706
	-	209	58679		-	209	79107
61	.84942	33035	63786	71	.85025	11835	03828
	+	8 28823	41790		+	8 26726	42599
	-	209	60725		-	209	81147
62	.84950	61859	05576	72	.85033	38561	46427
	+	8 28613	81065		+	8 26516	61452
	-	209	62770		-	209	83186
63	.84958	90472	86641	73	.85041	65078	07879
	+	8 28404	18295		+	8 26306	78266
	-	209	64813		-	209	85225
64	.84967	18877	04936	74	.85049	91384	86145
	+	8 28194	53482		+	8 26096	93041
	-	209	66857		-	209	87263
65	.84975	47071	58418	75	.85058	17481	79186
	+	8 27984	86625		+	8 25887	05778
	-	209	68900		-	209	89302
66	.84983	75056	45043	76	.85066	43368	84964
	+	8 27775	17725		+	8 25677	16476
	-	209	70942		-	209	91338
67	.84992	02831	62768	77	.85074	69046	01440
	+	8 27565	46783		+	8 25467	25138
	-	209	72984		-	209	93375
68	.85000	30397	09551	78	.85082	94513	26578
	+	8 27355	73799		+	8 25257	31763
	-	209	75027		-	209	95412
69	.85008	57752	83350	79	.85091	19770	58341
	+	8 27145	98772		+	8 25047	36351
	-	209	77066		-	209	97447

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

64 ^c	Sine.			64 ^c	Sine.		
80'	.85099	44817	94692	90'	.85181	83739	62973
	+	8 24837	38904		+	8 22736	52581
	-	209 99482			-	210 19805	
81	.85107	69655	33596	91	.85190	06476	15554
	+	8 24627	39422		+	8 22526	32776
	-	210 01518			-	210 21836	
82	.85115	94282	73018	92	.85198	29002	48330
	+	8 24417	37904		+	8 22316	10940
	-	210 03550			-	210 23864	
83	.85124	18700	10922	93	.85206	51318	59270
	+	8 24207	34354		+	8 22105	87076
	-	210 05586			-	210 25893	
84	.85132	42907	45276	94	.85214	73424	46346
	+	8 23997	28768		+	8 21895	61183
	-	210 07617			-	210 27920	
85	.85140	66904	74044	95	.85222	95320	07529
	+	8 23787	21151		+	8 21685	33263
	-	210 09651			-	210 29949	
86	.85148	90691	95195	96	.85231	17005	40792
	+	8 23577	11500		+	8 21475	03314
	-	210 11683			-	210 31975	
87	.85157	14269	06695	97	.85239	38480	44106
	+	8 23366	99817		+	8 21264	71339
	-	210 13714			-	210 34002	
88	.85165	37636	06512	98	.85247	59745	15445
	+	8 23156	86103		+	8 21054	37337
	-	210 15745			-	210 36027	
89	.85173	60792	92615	99	.85255	80799	52782
	+	8 22946	70358		+	8 20844	01310
	-	210 17777			-	210 38053	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

65 ^c	Sine.			65 ^c	Sine.		
00'	.85264	01643	54092	10'	.85345	98509	40365
	+	8 20633	63257		+	8 18528	71449
	-	210 40077			-	210 60296	
01	.85272	22277	17349	11	.85354	17038	11814
	+	8 20423	23180		+	8 18318	11153
	-	210 42102			-	210 62317	
02	.85280	42700	40529	12	.85362	35356	22967
	+	8 20212	81078		+	8 18107	48836
	-	210 44126			-	210 64336	
03	.85288	62913	21607	13	.85370	53463	71803
	+	8 20002	36952		+	8 17896	84500
	-	210 46149			-	210 66352	
04	.85296	82915	58559	14	.85378	71360	56303
	+	8 19791	90803		+	8 17686	18148
	-	210 48172			-	210 68371	
05	.85305	02707	49362	15	.85386	89046	74451
	+	8 19581	42631		+	8 17475	49777
	-	210 50193			-	210 70388	
06	.85313	22288	91993	16	.85395	06522	24228
	+	8 19370	92438		+	8 17264	79389
	-	210 52216			-	210 72404	
07	.85321	41659	84431	17	.85403	23787	03617
	+	8 19160	40222		+	8 17054	06985
	-	210 54237			-	210 74421	
08	.85329	60820	24653	18	.85411	40841	10602
	+	8 18949	85985		+	8 16843	32564
	-	210 56258			-	210 76435	
09	.85337	79770	10638	19	.85419	57684	43166
	+	8 18739	29727		+	8 16632	56129
	-	210 58278			-	210 78451	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

65 ^c	Sine.			65 ^c	Sine.		
20'	.85427	74316	99295	30'	.85509	29046	13584
	+	8 16421	77678		+	8 14312	82463
	-	210 80465			-	211 00581	
21	.85435	90738	76973	31	.85517	43358	96047
	+	8 16210	97213		+	8 14101	81882
	-	210 82479			-	211 02590	
22	.85444	06949	74186	32	.85525	57460	77929
	+	8 16000	14734		+	8 13890	79292
	-	210 84492			-	211 04598	
23	.85452	22949	88920	33	.85533	71351	57221
	+	8 15789	30242		+	8 13679	74694
	-	210 86506			-	211 06605	
24	.85460	38739	19162	34	.85541	85031	31915
	+	8 15578	43736		+	8 13468	68089
	-	210 88518			-	211 08613	
25	.85468	54317	62898	35	.85549	98500	00004
	+	8 15367	55218		+	8 13257	59476
	-	210 90529			-	211 10619	
26	.85476	69685	18116	36	.85558	11757	59480
	+	8 15156	64689		+	8 13046	48857
	-	210 92541			-	211 12626	
27	.85484	84841	82805	37	.85566	24804	08337
	+	8 14945	72148		+	8 12835	36231
	-	210 94551			-	211 14630	
28	.85492	99787	54953	38	.85574	37639	44568
	+	8 14734	77597		+	8 12624	21601
	-	210 96563			-	211 16637	
29	.85501	14522	32550	39	.85582	50263	66169
	+	8 14523	81034		+	8 12413	04964
	-	210 98571			-	211 18640	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

65 ^c	Sine.			65 ^c	Sine.		
40'	.85590	62676	71133	50'	.85671	75188	65050
	+	8 12201	86324		+	8 10088	89782
	-	211 20645			-	211 40657	
41	.85598	74878	57457	51	.85679	85277	54832
	+	8 11990	65679		+	8 09877	49125
	-	211 22648			-	211 42653	
42	.85606	86869	23136	52	.85687	95155	03957
	+	8 11779	43031		+	8 09666	06472
	-	211 24652			-	211 44654	
43	.85614	98648	66167	53	.85696	04821	10429
	+	8 11568	18379		+	8 09454	61818
	-	211 26652			-	211 46648	
44	.85623	10216	84546	54	.85704	14275	72247
	+	8 11356	91727		+	8 09243	15170
	-	211 28657			-	211 48647	
45	.85631	21573	76273	55	.85712	23518	87417
	+	8 11145	63070		+	8 09031	66523
	-	211 30656			-	211 50643	
46	.85639	32719	39343	56	.85720	32550	53940
	+	8 10934	32414		+	8 08820	15880
	-	211 32658			-	211 52638	
47	.85647	43653	71757	57	.85728	41370	69820
	+	8 10722	99756		+	8 08608	63242
	-	211 34659			-	211 54633	
48	.85655	54376	71513	58	.85736	49979	33062
	+	8 10511	65097		+	8 08397	08609
	-	211 36657			-	211 56628	
49	.85663	64888	36610	59	.85744	58376	41671
	+	8 10300	28440		+	8 08185	51981
	-	211 38658			-	211 58622	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

65 ^c	Sine.			65 ^c	Sine.		
60'	.85752	66561	93652	70'	.85833	36776	60475
	+	8 07973	93359		+	8 05856	97576
	-	211 60616			-	211 80523	
61	.85760	74535	87011	71	.85841	42633	58051
	+	8 07762	32743		+	8 05645	17053
	-	211 62608			-	211 82510	
62	.85768	82298	19754	72	.85849	48278	75104
	+	8 07550	70135		+	8 05433	34543
	-	211 64602			-	211 84499	
63	.85776	89848	89889	73	.85857	53712	09647
	+	8 07339	05533		+	8 05221	50044
	-	211 66594			-	211 86484	
64	.85784	97187	95422	74	.85865	58933	59691
	+	8 07127	38939		+	8 05009	63560
	-	211 68584			-	211 88472	
65	.85793	04315	34361	75	.85873	63943	23251
	+	8 06915	70355		+	8 04797	75088
	-	211 70576			-	211 90457	
66	.85801	11231	04716	76	.85881	68740	98339
	+	8 06703	99779		+	8 04585	84631
	-	211 72566			-	211 92442	
67	.85809	17935	04495	77	.85889	73326	82970
	+	8 06492	27213		+	8 04373	92189
	-	211 74557			-	211 94427	
68	.85817	24427	31708	78	.85897	77700	75159
	+	8 06280	52656		+	8 04161	97762
	-	211 76545			-	211 96411	
69	.85825	30707	84364	79	.85905	81862	72921
	+	8 06068	76111		+	8 03950	01351
	-	211 78535			-	211 98394	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

65 ^c	Sine.			65 ^c	Sine.		
80'	.85913	85812	74272	90'	.85994	13650	49025
	+	8 03738	02957		+	8 01617	10022
	-	212 00379			-	212 20180	
81	.85921	89550	77229	91	.86002	15267	59047
	+	8 03526	02578		+	8 01404	89842
	-	212 02360			-	212 22159	
82	.85929	93076	79807	92	.86010	16672	48889
	+	8 03314	00218		+	8 01192	67683
	-	212 04343			-	212 24134	
83	.85937	96390	80025	93	.86018	17865	16572
	+	8 03101	95875		+	8 00980	43549
	-	212 06324			-	212 26112	
84	.85945	99492	75900	94	.86026	18845	60121
	+	8 02889	89551		+	8 00768	17437
	-	212 08305			-	212 28086	
85	.85954	02382	65451	95	.86034	19613	77558
	+	8 02677	81246		+	8 00555	89351
	-	212 10286			-	212 30063	
86	.85962	05060	46697	96	.86042	20169	66909
	+	8 02465	70960		+	8 00343	59288
	-	212 12266			-	212 32036	
87	.85970	07526	17657	97	.86050	20513	26197
	+	8 02253	58694		+	8 00131	27252
	-	212 14245			-	212 34012	
88	.85978	09779	76351	98	.86058	20644	53449
	+	8 02041	44449		+	7 99918	93240
	-	212 16224			-	212 35985	
89	.85986	11821	20800	99	.86066	20563	46689
	+	8 01829	28225		+	7 99706	57255
	-	212 18203			-	212 37959	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

66°	Sine.			66°	Sine.		
00'	.86074	20270	03944	10'	.86154	05651	63474
	+	7 99494	19296		+	7 97369	31305
	-	212 39930			-	212 59630	
01	.86082	19764	23240	11	.86162	03020	94779
	+	7 99281	79366		+	7 97156	71675
	-	212 41903			-	212 61595	
02	.86090	19046	02606	12	.86170	00177	66454
	+	7 99069	37463		+	7 96944	10080
	-	212 43875			-	212 63562	
03	.86098	18115	40069	13	.86177	97121	76534
	+	7 98856	93588		+	7 96731	46518
	-	212 45845			-	212 65528	
04	.86106	16972	33657	14	.86185	93853	23052
	+	7 98644	47743		+	7 96518	80990
	-	212 47817			-	212 67494	
05	.86114	15616	81400	15	.86193	90372	04042
	+	7 98431	99926		+	7 96306	13496
	-	212 49786			-	212 69457	
06	.86122	14048	81326	16	.86201	86678	17538
	+	7 98219	50140		+	7 96093	44039
	-	212 51756			-	212 71423	
07	.86130	12268	31466	17	.86209	82771	61577
	+	7 98006	98384		+	7 95880	72616
	-	212 53725			-	212 73386	
08	.86138	10275	29850	18	.86217	78652	34193
	+	7 97794	44659		+	7 95667	99230
	-	212 55694			-	212 75349	
09	.86146	08069	74509	19	.86225	74320	33423
	+	7 97581	88965		+	7 95455	23881
	-	212 57660			-	212 77312	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

66°	Sine.			66°	Sine.		
20'	.86233	69775	57304	30'	.86313	12622	20364
	+	7 95242	46569		+	7 93113	65615
	-	212 79275			-	212 98867	
21	.86241	65018	03873	31	.86321	05735	85979
	+	7 95029	67294		+	7 92900	66748
	-	212 81235			-	213 00824	
22	.86249	60047	71167	32	.86328	98636	52727
	+	7 94816	86059		+	7 92687	65924
	-	212 83197			-	213 02779	
23	.86257	54864	57226	33	.86336	91324	18651
	+	7 94604	02862		+	7 92474	63145
	-	212 85158			-	213 04735	
24	.86265	49468	60088	34	.86344	83798	81796
	+	7 94391	17704		+	7 92261	58410
	-	212 87118			-	213 06689	
25	.86273	43859	77792	35	.86352	76060	40206
	+	7 94178	30586		+	7 92048	51721
	-	212 89077			-	213 08644	
26	.86281	38038	08378	36	.86360	68108	91927
	+	7 93965	41509		+	7 91835	43077
	-	212 91036			-	213 10598	
27	.86289	32003	49887	37	.86368	59944	35004
	+	7 93752	50473		+	7 91622	32479
	-	212 92995			-	213 12551	
28	.86297	25756	00360	38	.86376	51566	67483
	+	7 93539	57478		+	7 91409	19928
	-	212 94952			-	213 14504	
29	.86305	19295	57838	39	.86384	42975	87411
	+	7 93326	62526		+	7 91196	05424
	-	212 96911			-	213 16455	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

66°	Sine.			66°	Sine.		
40'	.86392	34171	92835	50'	.86471	34405	20155
	+	7 90982	88969		+	7 88850	17155
	-	213 18408			-	213 37896	
41	.86400	25154	81804	51	.86479	23255	37310
	+	7 90769	70561		+	7 88636	79259
	-	213 20359			-	213 39840	
42	.86408	15924	52365	52	.86487	11892	16569
	+	7 90556	50202		+	7 88423	39419
	-	213 22309			-	213 41787	
43	.86416	06481	02567	53	.86495	00315	55988
	+	7 90343	27893		+	7 88209	97632
	-	213 24259			-	213 43732	
44	.86423	96824	30460	54	.86502	88525	53620
	+	7 90130	03634		+	7 87996	53900
	-	213 26209			-	213 45675	
45	.86431	86954	34094	55	.86510	76522	07520
	+	7 89916	77425		+	7 87783	08225
	-	213 28159			-	213 47620	
46	.86439	76871	11519	56	.86518	64305	15745
	+	7 89703	49266		+	7 87569	60605
	-	213 30105			-	213 49563	
47	.86447	66574	60785	57	.86526	51874	76350
	+	7 89490	19161		+	7 87356	11042
	-	213 32056			-	213 51504	
48	.86455	56064	79946	58	.86534	39230	87392
	+	7 89276	87105		+	7 87142	59538
	-	213 34001			-	213 53449	
49	.86463	45341	67051	59	.86542	26373	46930
	+	7 89063	53104		+	7 86929	06089
	-	213 35949			-	213 55389	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

66 ^c	Sine.			66 ^c	Sine.		
60'	.86550	13302	53019	70'	.86628	70844	47387
	+	7	86715 50700		+	7	84578 90132
	-		213 57330		-		213 76714
61	.86558	00018	03719	71	.86636	55423	37519
	+	7	86501 93370		+	7	84365 13418
	-		213 59271		-		213 78648
62	.86565	86519	97089	72	.86644	39788	50937
	+	7	86288 34099		+	7	84151 34770
	-		213 61212		-		213 80583
63	.86573	72808	31188	73	.86652	23939	85707
	+	7	86074 72887		+	7	83937 54187
	-		213 63150		-		213 82517
64	.86581	58883	04075	74	.86660	07877	39894
	+	7	85861 09737		+	7	83723 71670
	-		213 65090		-		213 84451
65	.86589	44744	13812	75	.86667	91601	11564
	+	7	85647 44647		+	7	83509 87219
	-		213 67028		-		213 86385
66	.86597	30391	58459	76	.86675	75110	98783
	+	7	85433 77619		+	7	83296 00834
	-		213 68967		-		213 88316
67	.86605	15825	36078	77	.86683	58406	99617
	+	7	85220 08652		+	7	83082 12518
	-		213 70903		-		213 90250
68	.86613	01045	44730	78	.86691	41489	12135
	+	7	85006 37749		+	7	82868 22268
	-		213 72841		-		213 92181
69	.86620	86051	82479	79	.86699	24357	34403
	+	7	84792 64908		+	7	82654 30087
	-		213 74776		-		213 94112

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

66°	Sine.			66°	Sine.		
80'	.86707	07011	64490	90'	.86785	21784	70831
	+	7 82440	35975		+	7 80299	88760
	-	213 96042			-	214 15320	
81	.86714	89452	00465	91	.86793	02084	59591
	+	7 82226	39933		+	7 80085	73440
	-	213 97973			-	214 17244	
82	.86722	71678	40398	92	.86800	82170	33031
	+	7 82012	41960		+	7 79871	56196
	-	213 99902			-	214 19168	
83	.86730	53690	82358	93	.86808	62041	89227
	+	7 81798	42058		+	7 79657	37028
	-	214 01831			-	214 21092	
84	.86738	35489	24416	94	.86816	41699	26255
	+	7 81584	40227		+	7 79443	15936
	-	214 03760			-	214 23016	
85	.86746	17073	64643	95	.86824	21142	42191
	+	7 81370	36467		+	7 79228	92920
	-	214 05688			-	214 24938	
86	.86753	98444	01110	96	.86832	00371	35111
	+	7 81156	30779		+	7 79014	67982
	-	214 07614			-	214 26861	
87	.86761	79600	31889	97	.86839	79386	03093
	+	7 80942	23165		+	7 78800	41121
	-	214 09543			-	214 28781	
88	.86769	60542	55054	98	.86847	58186	44214
	+	7 80728	13622		+	7 78586	12340
	-	214 11467			-	214 30703	
89	.86777	41270	68676	99	.86855	36772	56554
	+	7 80514	02155		+	7 78371	81637
	-	214 13395			-	214 32623	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

67 ^c	Sine.			67 ^c	Sine.		
00'	.86863	15144	38191	10'	.86940	87071	43638
	+	7 78157	49014		+	7 76013	17264
	-	214 34544			-	214 53714	
01	.86870	93301	87205	11	.86948	63084	60902
	+	7 77943	14470		+	7 75798	63550
	-	214 36464			-	214 55629	
02	.86878	71245	01675	12	.86956	38883	24452
	+	7 77728	78006		+	7 75584	07921
	-	214 38381			-	214 57543	
03	.86886	48973	79681	13	.86964	14467	32373
	+	7 77514	39625		+	7 75369	50378
	-	214 40300			-	214 59456	
04	.86894	26488	19306	14	.86971	89836	82751
	+	7 77299	99325		+	7 75154	90922
	-	214 42219			-	214 61368	
05	.86902	03788	18631	15	.86979	64991	73673
	+	7 77085	57106		+	7 74940	29554
	-	214 44136			-	214 63280	
06	.86909	80873	75737	16	.86987	39932	03227
	+	7 76871	12970		+	7 74725	66274
	-	214 46052			-	214 65193	
07	.86917	57744	88707	17	.86995	14657	69501
	+	7 76656	66918		+	7 74511	01081
	-	214 47969			-	214 67102	
08	.86925	34401	55625	18	.87002	89168	70582
	+	7 76442	18949		+	7 74296	33979
	-	214 49885			-	214 69014	
09	.86933	10843	74574	19	.87010	63465	04561
	+	7 76227	69064		+	7 74081	64965
	-	214 51800			-	214 70924	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

67 ^c	Sine.			67 ^c	Sine.		
20'	.87018	37546	69526	30'	.87095	66551	03501
	+	7 73866	94041		+	7 71718	79875
	-	214 72832			-	214 91899	
21	.87026	11413	63567	31	.87103	38269	83376
	+	7 73652	21209		+	7 71503	87976
	-	214 74742			-	214 93801	
22	.87033	85065	84776	32	.87111	09773	71352
	+	7 73437	46467		+	7 71288	94175
	-	214 76651			-	214 95705	
23	.87041	58503	31243	33	.87118	81062	65527
	+	7 73222	69816		+	7 71073	98470
	-	214 78558			-	214 97607	
24	.87049	31726	01059	34	.87126	52136	63997
	+	7 73007	91258		+	7 70859	00863
	-	214 80464			-	214 99510	
25	.87057	04733	92317	35	.87134	22995	64860
	+	7 72793	10794		+	7 70644	01353
	-	214 82374			-	215 01411	
26	.87064	77527	03111	36	.87141	93639	66213
	+	7 72578	28420		+	7 70428	99942
	-	214 84277			-	215 03312	
27	.87072	50105	31531	37	.87149	64068	66155
	+	7 72363	44143		+	7 70213	96630
	-	214 86185			-	215 05212	
28	.87080	22468	75674	38	.87157	34282	62785
	+	7 72148	57958		+	7 69998	91418
	-	214 88089			-	215 07112	
29	.87087	94617	33632	39	.87165	04281	54203
	+	7 71933	69869		+	7 69783	84306
	-	214 89994			-	215 09012	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

67 ^c	Sine.			67 ^c	Sine.		
40'	.87172	74065	38509	50'	.87249	60070	72797
	+	7 69568	75294		+	7 67416	80830
	-	215 10910			-	215 29869	
41	.87180	43634	13803	51	.87257	27487	53627
	+	7 69353	64384		+	7 67201	50961
	-	215 12809			-	215 31763	
42	.87188	12987	78187	52	.87264	94689	04588
	+	7 69138	51575		+	7 66986	19198
	-	215 14707			-	215 33655	
43	.87195	82126	29762	53	.87272	61675	23786
	+	7 68923	36868		+	7 66770	85543
	-	215 16603			-	215 35547	
44	.87203	51049	66630	54	.87280	28446	09329
	+	7 68708	20265		+	7 66555	49996
	-	215 18500			-	215 37439	
45	.87211	19757	86895	55	.87287	95001	59325
	+	7 68493	01765		+	7 66340	12557
	-	215 20398			-	215 39328	
46	.87218	88250	88660	56	.87295	61341	71882
	+	7 68277	81367		+	7 66124	73229
	-	215 22291			-	215 41220	
47	.87226	56528	70027	57	.87303	27466	45111
	+	7 68062	59076		+	7 65909	32009
	-	215 24188			-	215 43110	
48	.87234	24591	29103	58	.87310	93375	77120
	+	7 67847	34888		+	7 65693	88899
	-	215 26082			-	215 44998	
49	.87241	92438	63991	59	.87318	59069	66019
	+	7 67632	08806		+	7 65478	43901
	-	215 27976			-	215 46887	

67 ^c	Sine.			67 ^c	Sine.		
60'	.87326	24548	09920	70'	.87402	67478	58744
	+	7	65262 97014		+	7	63107 24376
	-		215 48776		-		215 67628
61	.87333	89811	06934	71	.87410	30585	83120
	+	7	65047 48238		+	7	62891 56748
	-		215 50664		-		215 69511
62	.87341	54858	55172	72	.87417	93477	39868
	+	7	64831 97574		+	7	62675 87237
	-		215 52549		-		215 71393
63	.87349	19690	52746	73	.87425	56153	27105
	+	7	64616 45025		+	7	62460 15844
	-		215 54438		-		215 73274
64	.87356	84306	97771	74	.87433	18613	42949
	+	7	64400 90587		+	7	62244 42570
	-		215 56323		-		215 75155
65	.87364	48707	88358	75	.87440	80857	85519
	+	7	64185 34264		+	7	62028 67415
	-		215 58209		-		215 77034
66	.87372	12893	22622	76	.87448	42886	52934
	+	7	63969 76055		+	7	61812 90381
	-		215 60093		-		215 78915
67	.87379	76862	98677	77	.87456	04699	43315
	+	7	63754 15962		+	7	61597 11466
	-		215 61978		-		215 80794
68	.87387	40617	14639	78	.87463	66296	54781
	+	7	63538 53984		+	7	61381 30672
	-		215 63863		-		215 82672
69	.87395	04155	68623	79	.87471	27677	85453
	+	7	63322 90121		+	7	61165 48000
	-		215 65745		-		215 84551

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

67 ^c	Sine.			67 ^c	Sine.		
80'	.87478	88843	33453	90'	.87554	88623	53549
	+	7 60949	63449		+	7 58790	14766
	-	215 86428			-	216 05175	
81	.87486	49792	96902	91	.87562	47413	68315
	+	7 60733	77021		+	7 58574	09591
	-	215 88305			-	216 07046	
82	.87494	10526	73923	92	.87570	05987	77906
	+	7 60517	88716		+	7 58358	02545
	-	215 90181			-	216 08917	
83	.87501	71044	62639	93	.87577	64345	80451
	+	7 60301	98535		+	7 58141	93628
	-	215 92058			-	216 10788	
84	.87509	31346	61174	94	.87585	22487	74079
	+	7 60086	06477		+	7 57925	82840
	-	215 93934			-	216 12658	
85	.87516	91432	67651	95	.87592	80413	56919
	+	7 59870	12543		+	7 57709	70182
	-	215 95807			-	216 14528	
86	.87524	51302	80194	96	.87600	38123	27101
	+	7 59654	16736		+	7 57493	55654
	-	215 97682			-	216 16397	
87	.87532	10956	96930	97	.87607	95616	82755
	+	7 59438	19054		+	7 57277	39257
	-	215 99557			-	216 18264	
88	.87539	70395	15984	98	.87615	52894	22012
	+	7 59222	19497		+	7 57061	20993
	-	216 01429			-	216 20134	
89	.87547	29617	35481	99	.87623	09955	43005
	+	7 59006	18068		+	7 56845	00859
	-	216 03302			-	216 22001	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

68 ^c	Sine.			68 ^c	Sine.		
00'	.87630	66800	43864	10'	.87706	23355	34556
	+	7 56628	78858		+	7 54465	56260
	-	216 23867			-	216 42507	
01	.87638	23429	22722	11	.87713	77820	90816
	+	7 56412	54991		+	7 54249	13753
	-	216 25734			-	216 44368	
02	.87645	79841	77713	12	.87721	32070	04569
	+	7 56196	29257		+	7 54032	69385
	-	216 27600			-	216 46229	
03	.87653	36038	06970	13	.87728	86102	73954
	+	7 55980	01657		+	7 53816	23156
	-	216 29465			-	216 48088	
04	.87660	92018	08627	14	.87736	39918	97110
	+	7 55763	72192		+	7 53599	75068
	-	216 31329			-	216 49949	
05	.87668	47781	80819	15	.87743	93518	72178
	+	7 55547	40863		+	7 53383	25119
	-	216 33195			-	216 51807	
06	.87676	03329	21682	16	.87751	46901	97297
	+	7 55331	07668		+	7 53166	73312
	-	216 35058			-	216 53665	
07	.87683	58660	29350	17	.87759	00068	70609
	+	7 55114	72610		+	7 52950	19647
	-	216 36920			-	216 55524	
08	.87691	13775	01960	18	.87766	53018	90256
	+	7 54898	35690		+	7 52733	64123
	-	216 38784			-	216 57380	
09	.87698	68673	37650	19	.87774	05752	54379
	+	7 54681	96906		+	7 52517	06743
	-	216 40646			-	216 59238	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

68 ^c	Sine.			68 ^c	Sine.		
20'	.87781	58269	61122	30'	.87856	71524	64395
	+	7 52300	47505		+	7 50133	53128
	-	216 61093			-	216 79626	
21	.87789	10570	08627	31	.87864	21658	17523
	+	7 52083	86412		+	7 49916	73502
	-	216 62949			-	216 81478	
22	.87796	62653	95039	32	.87871	71574	91025
	+	7 51867	23463		+	7 49699	92024
	-	216 64805			-	216 83325	
23	.87804	14521	18502	33	.87879	21274	83049
	+	7 51650	58658		+	7 49483	08699
	-	216 66659			-	216 85177	
24	.87811	66171	77160	34	.87886	70757	91748
	+	7 51433	91999		+	7 49266	23522
	-	216 68513			-	216 87024	
25	.87819	17605	69159	35	.87894	20024	15270
	+	7 51217	23486		+	7 49049	36498
	-	216 70366			-	216 88874	
26	.87826	68822	92645	36	.87901	69073	51768
	+	7 51000	53120		+	7 48832	47624
	-	216 72221			-	216 90719	
27	.87834	19823	45765	37	.87909	17905	99392
	+	7 50783	80899		+	7 48615	56905
	-	216 74071			-	216 92568	
28	.87841	70607	26664	38	.87916	66521	56297
	+	7 50567	06828		+	7 48398	64337
	-	216 75925			-	216 94415	
29	.87849	21174	33492	39	.87924	14920	20634
	+	7 50350	30903		+	7 48181	69922
	-	216 77775			-	216 96259	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

68 ^c	Sine.			68 ^c	Sine.		
40'	.87931	63101	90556	50'	.88006	32982	91132
	+	7 47964	73663		+	7 45794	09644
	-	216 98107			-	217 16532	
41	.87939	11066	64219	51	.88013	78777	00776
	+	7 47747	75556		+	7 45576	93112
	-	216 99950			-	217 18371	
42	.87946	58814	39775	52	.88021	24353	93888
	+	7 47530	75606		+	7 45359	74741
	-	217 01796			-	217 20210	
43	.87954	06345	15381	53	.88028	69713	68629
	+	7 47313	73810		+	7 45142	54531
	-	217 03638			-	217 22050	
44	.87961	53658	89191	54	.88036	14856	23160
	+	7 47096	70172		+	7 44925	32481
	-	217 05484			-	217 23886	
45	.87969	00755	59363	55	.88043	59781	55641
	+	7 46879	64688		+	7 44708	08595
	-	217 07324			-	217 25725	
46	.87976	47635	24051	56	.88051	04489	64236
	+	7 46662	57364		+	7 44490	82870
	-	217 09169			-	217 27561	
47	.87983	94297	81415	57	.88058	48980	47106
	+	7 46445	48195		+	7 44273	55309
	-	217 11008			-	217 29398	
48	.87991	40743	29610	58	.88065	93254	02415
	+	7 46228	37187		+	7 44056	25911
	-	217 12852			-	217 31233	
49	.87998	86971	66797	59	.88073	37310	28326
	+	7 46011	24335		+	7 43838	94678
	-	217 14691			-	217 33070	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

68 ^c	Sine.			68 ^c	Sine.		
60'	.88080	81149	23004	70'	.88155	07582	48410
	+	7 43621	61608		+	7 41447	30092
	-	217 34904			-	217 53224	
61	.88088	24770	84612	71	.88162	49029	78502
	+	7 43404	26704		+	7 41229	76868
	-	217 36738			-	217 55050	
62	.88095	68175	11316	72	.88169	90259	55370
	+	7 43186	89966		+	7 41012	21818
	-	217 38571			-	217 56881	
63	.88103	11362	01282	73	.88177	31271	77188
	+	7 42969	51395		+	7 40794	64937
	-	217 40406			-	217 58707	
64	.88110	54331	52677	74	.88184	72066	42125
	+	7 42752	10989		+	7 40577	06230
	-	217 42238			-	217 60535	
65	.88117	97083	63666	75	.88192	12643	48355
	+	7 42534	68751		+	7 40359	45695
	-	217 44069			-	217 62362	
66	.88125	39618	32417	76	.88199	53002	94050
	+	7 42317	24682		+	7 40141	83333
	-	217 45902			-	217 64187	
67	.88132	81935	57099	77	.88206	93144	77383
	+	7 42099	78780		+	7 39924	19146
	-	217 47733			-	217 66015	
68	.88140	24035	35879	78	.88214	33068	96529
	+	7 41882	31047		+	7 39706	53131
	-	217 49563			-	217 67838	
69	.88147	65917	66926	79	.88221	72775	49660
	+	7 41664	81484		+	7 39488	85293
	-	217 51392			-	217 69663	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

68 ^c	Sine.			68 ^c	Sine.		
80'	.88229	12264	34953	90'	.88302	95176	55601
	+	7 39271	15630		+	7 37093	18760
	-	217 71488			-	217 89698	
81	.88236	51535	50583	91	.88310	32269	74361
	+	7 39053	44142		+	7 36875	29062
	-	217 73311			-	217 91518	
82	.88243	90588	94725	92	.88317	69145	03423
	+	7 38835	70831		+	7 36657	37544
	-	217 75134			-	217 93334	
83	.88251	29424	65556	93	.88325	05802	40967
	+	7 38617	95697		+	7 36439	44210
	-	217 76956			-	217 95152	
84	.88258	68042	61253	94	.88332	42241	85177
	+	7 38400	18741		+	7 36221	49058
	-	217 78779			-	217 96967	
85	.88266	06442	79994	95	.88339	78463	34235
	+	7 38182	39962		+	7 36003	52091
	-	217 80600			-	217 98785	
86	.88273	44625	19956	96	.88347	14466	86326
	+	7 37964	59362		+	7 35785	53306
	-	217 82420			-	218 00600	
87	.88280	82589	79318	97	.88354	50252	39632
	+	7 37746	76942		+	7 35567	52706
	-	217 84241			-	218 02414	
88	.88288	20336	56260	98	.88361	85819	92338
	+	7 37528	92701		+	7 35349	50292
	-	217 86061			-	218 04229	
89	.88295	57865	48961	99	.88369	21169	42630
	+	7 37311	06640		+	7 35131	46063
	-	217 87880			-	218 06042	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

69°	Sine.			69°	Sine.		
00'	.88376	56300	88693	10'	.88449	95619	17946
	+	7 34913	40021		+	7 32731	79948
	-	218 07857			-	218 25960	
01	.88383	91214	28714	11	.88457	28350	97894
	+	7 34695	32164		+	7 32513	53988
	-	218 09669			-	218 27768	
02	.88391	25909	60878	12	.88464	60864	51882
	+	7 34477	22495		+	7 32295	26220
	-	218 11482			-	218 29573	
03	.88398	60386	83373	13	.88471	93159	78102
	+	7 34259	11013		+	7 32076	96647
	-	218 13292			-	218 31381	
04	.88405	94645	94386	14	.88479	25236	74749
	+	7 34040	97721		+	7 31858	65266
	-	218 15104			-	218 33186	
05	.88413	28686	92107	15	.88486	57095	40015
	+	7 33822	82617		+	7 31640	32080
	-	218 16915			-	218 34992	
06	.88420	62509	74724	16	.88493	88735	72095
	+	7 33604	65702		+	7 31421	97088
	-	218 18724			-	218 36796	
07	.88427	96114	40426	17	.88501	20157	69183
	+	7 33386	46978		+	7 31203	60292
	-	218 20535			-	218 38600	
08	.88435	29500	87404	18	.88508	51361	29475
	+	7 33168	26443		+	7 30985	21692
	-	218 22344			-	218 40404	
09	.88442	62669	13847	19	.88515	82346	51167
	+	7 32950	04099		+	7 30766	81288
	-	218 24151			-	218 42207	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

69 ^c	Sine.			69 ^c	Sine.		
20'	.88523	13113	32455	30'	.88596	08765	26702
	+	7 30548	39081		+	7 28363	17958
	-	218 44010			-	218 62005	
21	.88530	43661	71536	31	.88603	37128	44660
	+	7 30329	95071		+	7 28144	55953
	-	218 45811			-	218 63802	
22	.88537	73991	66607	32	.88610	65273	00613
	+	7 30111	49260		+	7 27925	92151
	-	218 47614			-	218 65598	
23	.88545	04103	15867	33	.88617	93198	92764
	+	7 29893	01646		+	7 27707	26553
	-	218 49413			-	218 67394	
24	.88552	33996	17513	34	.88625	20906	19317
	+	7 29674	52233		+	7 27488	59159
	-	218 51215			-	218 69189	
25	.88559	63670	69746	35	.88632	48394	78476
	+	7 29456	01018		+	7 27269	89970
	-	218 53015			-	218 70984	
26	.88566	93126	70764	36	.88639	75664	68446
	+	7 29237	48003		+	7 27051	18986
	-	218 54813			-	218 72776	
27	.88574	22364	18767	37	.88647	02715	87432
	+	7 29018	93190		+	7 26832	46210
	-	218 56612			-	218 74571	
28	.88581	51383	11957	38	.88654	29548	33642
	+	7 28800	36578		+	7 26613	71639
	-	218 58411			-	218 76364	
29	.88588	80183	48535	39	.88661	56162	05281
	+	7 28581	78167		+	7 26394	95275
	-	218 60209			-	218 78155	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

69°	Sine.			69°	Sine.		
40'	.88668	82557	00556	50'	.88741	34470	59283
	+	7 26176	17120		+	7 23987	37105
	-	218 79947			-	218 97837	
41	.88676	08733	17676	51	.88748	58457	96388
	+	7 25957	37173		+	7 23768	39268
	-	218 81740			-	218 99620	
42	.88683	34690	54849	52	.88755	82226	35656
	+	7 25738	55433		+	7 23549	39648
	-	218 83529			-	219 01407	
43	.88690	60429	10282	53	.88763	05775	75304
	+	7 25519	71904		+	7 23330	38241
	-	218 85319			-	219 03191	
44	.88697	85948	82186	54	.88770	29106	13545
	+	7 25300	86585		+	7 23111	35050
	-	218 87110			-	219 04976	
45	.88705	11249	68771	55	.88777	52217	48595
	+	7 25081	99475		+	7 22892	30074
	-	218 88897			-	219 06759	
46	.88712	36331	68246	56	.88784	75109	78669
	+	7 24863	10578		+	7 22673	23315
	-	218 90688			-	219 08543	
47	.88719	61194	78824	57	.88791	97783	01984
	+	7 24644	19890		+	7 22454	14772
	-	218 92474			-	219 10324	
48	.88726	85838	98714	58	.88799	20237	16756
	+	7 24425	27416		+	7 22235	04448
	-	218 94263			-	219 12107	
49	.88734	10264	26130	59	.88806	42472	21204
	+	7 24206	33153		+	7 22015	92341
	-	218 96048			-	219 13889	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

69 ^c	Sine.			69 ^c	Sine.		
60'	.88813	64488	13545	70'	.88885	72591	79405
	+	7 21796	78452		+	7 19604	41704
	-	219 15669			-	219 33449	
61	.88820	86284	91997	71	.88892	92196	21109
	+	7 21577	62783		+	7 19385	08255
	-	219 17451			-	219 35225	
62	.88828	07862	54780	72	.88900	11581	29364
	+	7 21358	45332		+	7 19165	73030
	-	219 19228			-	219 36998	
63	.88835	29221	00112	73	.88907	30747	02394
	+	7 21139	26104		+	7 18946	36032
	-	219 21010			-	219 38774	
64	.88842	50360	26216	74	.88914	49693	38426
	+	7 20920	05094		+	7 18726	97258
	-	219 22788			-	219 40545	
65	.88849	71280	31310	75	.88921	68420	35684
	+	7 20700	82306		+	7 18507	56713
	-	219 24566			-	219 42319	
66	.88856	91981	13616	76	.88928	86927	92397
	+	7 20481	57740		+	7 18288	14394
	-	219 26343			-	219 44092	
67	.88864	12462	71356	77	.88936	05216	06791
	+	7 20262	31397		+	7 18068	70302
	-	219 28122			-	219 45862	
68	.88871	32725	02753	78	.88943	23284	77093
	+	7 20043	03275		+	7 17849	24440
	-	219 29898			-	219 47635	
69	.88878	52768	06028	79	.88950	41134	01533
	+	7 19823	73377		+	7 17629	76805
	-	219 31673			-	219 49405	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

69 ^c	Sine.			69 ^c	Sine.		
80'	.88957	58763	78338	90'	.89029	22986	37226
	+	7 17410	27400		+	7 15214	36083
	-	219	51174		-	219	68847
81	.88964	76174	05738	91	.89036	38200	73309
	+	7 17190	76226		+	7 14994	67236
	-	219	52946		-	219	70611
82	.88971	93364	81964	92	.89043	53195	40545
	+	7 16971	23280		+	7 14774	96625
	-	219	54713		-	219	72374
83	.88979	10336	05244	93	.89050	67970	37170
	+	7 16751	68567		+	7 14555	24251
	-	219	56482		-	219	74137
84	.88986	27087	73811	94	.89057	82525	61421
	+	7 16532	12085		+	7 14335	50114
	-	219	58251		-	219	75901
85	.88993	43619	85896	95	.89064	96861	11535
	+	7 16312	53834		+	7 14115	74213
	-	219	60017		-	219	77662
86	.89000	59932	39730	96	.89072	10976	85748
	+	7 16092	93817		+	7 13895	96551
	-	219	61785		-	219	79423
87	.89007	76025	33547	97	.89079	24872	82299
	+	7 15873	32032		+	7 13676	17128
	-	219	63550		-	219	81185
88	.89014	91898	65579	98	.89086	38548	99427
	+	7 15653	68482		+	7 13456	35943
	-	219	65317		-	219	82945
89	.89022	07552	34061	99	.89093	52005	35370
	+	7 15434	03165		+	7 13236	52998
	-	219	67082		-	219	84705

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

70°	Sine.			70°	Sine.		
00'	.89100	65241	88368	10'	.89171	85512	69484
	+	7 13016	68293		+	7 10817	24574
	-	219	86463		-	220	04027
01	.89107	78258	56661	11	.89178	96329	94058
	+	7 12796	81830		+	7 10597	20547
	-	219	88224		-	220	05780
02	.89114	91055	38491	12	.89186	06927	14605
	+	7 12576	93606		+	7 10377	14767
	-	219	89980		-	220	07534
03	.89122	03632	32097	13	.89193	17304	29372
	+	7 12357	03626		+	7 10157	07233
	-	219	91739		-	220	09285
04	.89129	15989	35723	14	.89200	27461	36605
	+	7 12137	11887		+	7 09936	97948
	-	219	93496		-	220	11038
05	.89136	28126	47610	15	.89207	37398	34553
	+	7 11917	18391		+	7 09716	86910
	-	219	95252		-	220	12788
06	.89143	40043	66001	16	.89214	47115	21463
	+	7 11697	23139		+	7 09496	74122
	-	219	97009		-	220	14539
07	.89150	51740	89140	17	.89221	56611	95585
	+	7 11477	26130		+	7 09276	59583
	-	219	98764		-	220	16289
08	.89157	63218	15270	18	.89228	65888	55168
	+	7 11257	27366		+	7 09056	43294
	-	220	00518		-	220	18038
09	.89164	74475	42636	19	.89235	74944	98462
	+	7 11037	26848		+	7 08836	25256
	-	220	02274		-	220	19788

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

70°	Sine.			70°	Sine.		
20'	.89242	83781	23718	30'	.89313	60029	99643
	+	7 08616	05468		+	7 06413	11517
	-	220	21536		-	220	38990
21	.89249	92397	29186	31	.89320	66443	11160
	+	7 08395	83932		+	7 06192	72527
	-	220	23284		-	220	40733
22	.89257	00793	13118	32	.89327	72635	83687
	+	7 08175	60648		+	7 05972	31794
	-	220	25032		-	220	42475
23	.89264	08968	73766	33	.89334	78608	15481
	+	7 07955	35616		+	7 05751	89319
	-	220	26777		-	220	44216
24	.89271	16924	09382	34	.89341	84360	04800
	+	7 07735	08839		+	7 05531	45103
	-	220	28525		-	220	45957
25	.89278	24659	18221	35	.89348	89891	49903
	+	7 07514	80314		+	7 05310	99146
	-	220	30270		-	220	47697
26	.89285	32173	98535	36	.89355	95202	49049
	+	7 07294	50044		+	7 05090	51449
	-	220	32015		-	220	49438
27	.89292	39468	48579	37	.89363	00293	00498
	+	7 07074	18029		+	7 04870	02011
	-	220	33760		-	220	51176
28	.89299	46542	66608	38	.89370	05163	02509
	+	7 06853	84269		+	7 04649	50835
	-	220	35503		-	220	52915
29	.89306	53396	50877	39	.89377	09812	53344
	+	7 06633	48766		+	7 04428	97920
	-	220	37249		-	220	54653

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

70°	Sine.			70°	Sine.		
40'	.89384	14241	51264	50'	.89454	46398	38025
	+	7 04208	43267		+	7 02002	01260
	-	220	56391		-	220	73737
41	.89391	18449	94531	51	.89461	48400	39285
	+	7 03987	86876		+	7 01781	27523
	-	220	58128		-	220	75467
42	.89398	22437	81407	52	.89468	50181	66808
	+	7 03767	28748		+	7 01560	52056
	-	220	59863		-	220	77200
43	.89405	26205	10155	53	.89475	51742	18864
	+	7 03546	68885		+	7 01339	74856
	-	220	61601		-	220	78929
44	.89412	29751	79040	54	.89482	53081	93720
	+	7 03326	07284		+	7 01118	95927
	-	220	63335		-	220	80659
45	.89419	33077	86324	55	.89489	54200	89647
	+	7 03105	43949		+	7 00898	15268
	-	220	65070		-	220	82389
46	.89426	36183	30273	56	.89496	55099	04915
	+	7 02884	78879		+	7 00677	32879
	-	220	66805		-	220	84118
47	.89433	39068	09152	57	.89503	55776	37794
	+	7 02664	12074		+	7 00456	48761
	-	220	68539		-	220	85846
48	.89440	41732	21226	58	.89510	56232	86555
	+	7 02443	43535		+	7 00235	62915
	-	220	70271		-	220	87573
49	.89447	44175	64761	59	.89517	56468	49470
	+	7 02222	73264		+	7 00014	75342
	-	220	72004		-	220	89302

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

70°	Sine.			70°	Sine.		
60'	.89524	56483	24812	70'	.89594	44478	81955
	+	6 99793	86040		+	6 97583	98154
	-	220 91027			-	221 08264	
61	.89531	56277	10852	71	.89601	42062	80109
	+	6 99572	95013		+	6 97362	89890
	-	220 92753			-	221 09985	
62	.89538	55850	05865	72	.89608	39425	69999
	+	6 99352	02260		+	6 97141	79905
	-	220 94481			-	221 11705	
63	.89545	55202	08125	73	.89615	36567	49904
	+	6 99131	07779		+	6 96920	68200
	-	220 96203			-	221 13425	
64	.89552	54333	15904	74	.89622	33488	18104
	+	6 98910	11576		+	6 96699	54775
	-	220 97929			-	221 15144	
65	.89559	53243	27480	75	.89629	30187	72879
	+	6 98689	13647		+	6 96478	39631
	-	220 99653			-	221 16862	
66	.89566	51932	41127	76	.89636	26666	12510
	+	6 98468	13994		+	6 96257	22769
	-	221 01376			-	221 18580	
67	.89573	50400	55121	77	.89643	22923	35279
	+	6 98247	12618		+	6 96036	04189
	-	221 03100			-	221 20298	
68	.89580	48647	67739	78	.89650	18959	39468
	+	6 98026	09518		+	6 95814	83891
	-	221 04820			-	221 22014	
69	.89587	46673	77257	79	.89657	14774	23359
	+	6 97805	04698		+	6 95593	61877
	-	221 06544			-	221 23731	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

70°	Sine.			70°	Sine.		
80'	.89664	10367	85236	90'	.89733	54133	15891
	+	6	95372 38146		+	6	93159 06562
	-		221 25447		-		221 42575
81	.89671	05740	23382	91	.89740	47292	22453
	+	6	95151 12699		+	6	92937 63987
	-		221 27161		-		221 44283
82	.89678	00891	36081	92	.89747	40229	86440
	+	6	94929 85538		+	6	92716 19704
	-		221 28877		-		221 45994
83	.89684	95821	21619	93	.89754	32946	06144
	+	6	94708 56661		+	6	92494 73710
	-		221 30590		-		221 47701
84	.89691	90529	78280	94	.89761	25440	79854
	+	6	94487 26071		+	6	92273 26009
	-		221 32304		-		221 49410
85	.89698	85017	04351	95	.89768	17714	05863
	+	6	94265 93767		+	6	92051 76599
	-		221 34017		-		221 51118
86	.89705	79282	98118	96	.89775	09765	82462
	+	6	94044 59750		+	6	91830 25481
	-		221 35731		-		221 52824
87	.89712	73327	57868	97	.89782	01596	07943
	+	6	93823 24019		+	6	91608 72657
	-		221 37440		-		221 54531
88	.89719	67150	81887	98	.89788	93204	80600
	+	6	93601 86579		+	6	91387 18126
	-		221 39154		-		221 56236
89	.89726	60752	68466	99	.89795	84591	98726
	+	6	93380 47425		+	6	91165 61890
	-		221 40863		-		221 57943

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

71°	Sine.			71°	Sine.		
00'	.89802	75757	60616	10'	.89871	75224	11567
	+	6 90944	03947		+	6 88727	30849
	-	221 59647			-	221 76666	
01	.89809	66701	64563	11	.89878	63951	42416
	+	6 90722	44300		+	6 88505	54183
	-	221 61352			-	221 78363	
02	.89816	57424	08863	12	.89885	52456	96599
	+	6 90500	82948		+	6 88283	75820
	-	221 63055			-	221 80063	
03	.89823	47924	91811	13	.89892	40740	72419
	+	6 90279	19893		+	6 88061	95757
	-	221 64757			-	221 81761	
04	.89830	38204	11704	14	.89899	28802	68176
	+	6 90057	55136		+	6 87840	13996
	-	221 66462			-	221 83456	
05	.89837	28261	66840	15	.89906	16642	82172
	+	6 89835	88674		+	6 87618	30540
	-	221 68163			-	221 85155	
06	.89844	18097	55514	16	.89913	04261	12712
	+	6 89614	20511		+	6 87396	45385
	-	221 69865			-	221 86850	
07	.89851	07711	76025	17	.89919	91657	58097
	+	6 89392	50646		+	6 87174	58535
	-	221 71565			-	221 88545	
08	.89857	97104	26671	18	.89926	78832	16632
	+	6 89170	79081		+	6 86952	69990
	-	221 73266			-	221 90241	
09	.89864	86275	05752	19	.89933	65784	86622
	+	6 88949	05815		+	6 86730	79749
	-	221 74966			-	221 91935	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

71 ^c	Sine.			71 ^c	Sine.		
20'	.89940	52515	66371	30'	.90009	07615	28124
	+	6 86508	87814		+	6 84288	75390
	-	221 93629			-	222 10538	
21	.89947	39024	54185	31	.90015	91904	03514
	+	6 86286	94185		+	6 84066	64852
	-	221 95322			-	222 12225	
22	.89954	25311	48370	32	.90022	75970	68366
	+	6 86064	98863		+	6 83844	52627
	-	221 97015			-	222 13913	
23	.89961	11376	47233	33	.90029	59815	20993
	+	6 85843	01848		+	6 83622	38714
	-	221 98708			-	222 15600	
24	.89967	97219	49081	34	.90036	43437	59707
	+	6 85621	03140		+	6 83400	23114
	-	222 00398			-	222 17286	
25	.89974	82840	52221	35	.90043	26837	82821
	+	6 85399	02742		+	6 83178	05828
	-	222 02091			-	222 18971	
26	.89981	68239	54963	36	.90050	10015	88649
	+	6 85177	00651		+	6 82955	86857
	-	222 03780			-	222 20657	
27	.89988	53416	55614	37	.90056	92971	75506
	+	6 84954	96871		+	6 82733	66200
	-	222 05471			-	222 22341	
28	.89995	38371	52485	38	.90063	75705	41706
	+	6 84732	91400		+	6 82511	43859
	-	222 07161			-	222 24026	
29	.90002	23104	43885	39	.90070	58216	85565
	+	6 84510	84239		+	6 82289	19833
	-	222 08849			-	222 25708	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

71 ^c	Sine.			71 ^c	Sine.		
40'	.90077	40506	05398	50'	.90145	51171	12246
	+	6 82066	94125		+	6 79843	44566
	-	222 27392			-	222 44191	
41	.90084	22572	99523	51	.90152	31014	56812
	+	6 81844	66733		+	6 79621	00375
	-	222 29075			-	222 45868	
42	.90091	04417	66256	52	.90159	10635	57187
	+	6 81622	37658		+	6 79398	54507
	-	222 30755			-	222 47544	
43	.90097	86040	03914	53	.90165	90034	11694
	+	6 81400	06903		+	6 79176	06963
	-	222 32437			-	222 49220	
44	.90104	67440	10817	54	.90172	69210	18657
	+	6 81177	74466		+	6 78953	57743
	-	222 34119			-	222 50895	
45	.90111	48617	85283	55	.90179	48163	76400
	+	6 80955	40347		+	6 78731	06848
	-	222 35797			-	222 52570	
46	.90118	29573	25630	56	.90186	26894	83248
	+	6 80733	04550		+	6 78508	54278
	-	222 37478			-	222 54243	
47	.90125	10306	30180	57	.90193	05403	37526
	+	6 80510	67072		+	6 78286	00035
	-	222 39158			-	222 55919	
48	.90131	90816	97252	58	.90199	83689	37561
	+	6 80288	27914		+	6 78063	44116
	-	222 40834			-	222 57590	
49	.90138	71105	25166	59	.90206	61752	81677
	+	6 80065	87080		+	6 77840	86526
	-	222 42514			-	222 59264	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

71 ^c	Sine.			71 ^c	Sine.		
60'	.90213	39593	68203	70'	.90281	05756	98294
	+	6	77618 27262		+	6	75391 42763
	-		222 60934		-		222 77623
61	.90220	17211	95465	71	.90287	81148	41057
	+	6	77395 66328		+	6	75168 65140
	-		222 62607		-		222 79291
62	.90226	94607	61793	72	.90294	56317	06197
	+	6	77173 03721		+	6	74945 85849
	-		222 64278		-		222 80956
63	.90233	71780	65514	73	.90301	31262	92046
	+	6	76950 39443		+	6	74723 04893
	-		222 65947		-		222 82621
64	.90240	48731	04957	74	.90308	05985	96939
	+	6	76727 73496		+	6	74500 22272
	-		222 67618		-		222 84284
65	.90247	25458	78453	75	.90314	80486	19211
	+	6	76505 05878		+	6	74277 37988
	-		222 69286		-		222 85949
66	.90254	01963	84331	76	.90321	54763	57199
	+	6	76282 36592		+	6	74054 52039
	-		222 70956		-		222 87612
67	.90260	78246	20923	77	.90328	28818	09238
	+	6	76059 65636		+	6	73831 64427
	-		222 72623		-		222 89274
68	.90267	54305	86559	78	.90335	02649	73665
	+	6	75836 93013		+	6	73608 75153
	-		222 74291		-		222 90936
69	.90274	30142	79572	79	.90341	76258	48818
	+	6	75614 18722		+	6	73385 84217
	-		222 75959		-		222 92598

71°	Sine.			71°	Sine.		
80'	.90348	49644	33035	90'	.90415	71239	08439
	+	6	73162 91619		+	6	70932 74377
	-		222 94260		-		223 10837
81	.90355	22807	24654	91	.90422	42171	82816
	+	6	72939 97359		+	6	70709 63540
	-		222 95918		-		223 12494
82	.90361	95747	22013	92	.90429	12881	46356
	+	6	72717 01441		+	6	70486 51046
	-		222 97580		-		223 14148
83	.90368	68464	23454	93	.90435	83367	97402
	+	6	72494 03861		+	6	70263 36898
	-		222 99238		-		223 15800
84	.90375	40958	27315	94	.90442	53631	34300
	+	6	72271 04623		+	6	70040 21098
	-		223 00897		-		223 17456
85	.90382	13229	31938	95	.90449	23671	55398
	+	6	72048 03726		+	6	69817 03642
	-		223 02556		-		223 19106
86	.90388	85277	35664	96	.90455	93488	59040
	+	6	71825 01170		+	6	69593 84536
	-		223 04212		-		223 20760
87	.90395	57102	36834	97	.90462	63082	43576
	+	6	71601 96958		+	6	69370 63776
	-		223 05871		-		223 22411
88	.90402	28704	33792	98	.90469	32453	07352
	+	6	71378 91087		+	6	69147 41365
	-		223 07527		-		223 24062
89	.90409	00083	24879	99	.90476	01600	48717
	+	6	71155 83560		+	6	68924 17303
	-		223 09183		-		223 25713

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

72°	Sine.			72°	Sine.		
00'	.90482	70524	66020	10'	.90549	47484	52794
	+	6 68700	91590		+	6 66467	43808
	-	223 27363			-	223 43832	
01	.90489	39225	57610	11	.90556	13951	96602
	+	6 68477	64227		+	6 66243	99976
	-	223 29011			-	223 45476	
02	.90496	07703	21837	12	.90562	80195	96578
	+	6 68254	35216		+	6 66020	54500
	-	223 30661			-	223 47119	
03	.90502	75957	57053	13	.90569	46216	51078
	+	6 68031	04555		+	6 65797	07381
	-	223 32309			-	223 48761	
04	.90509	43988	61608	14	.90576	12013	58459
	+	6 67807	72246		+	6 65573	58620
	-	223 33957			-	223 50405	
05	.90516	11796	33854	15	.90582	77587	17079
	+	6 67584	38289		+	6 65350	08215
	-	223 35604			-	223 52045	
06	.90522	79380	72143	16	.90589	42937	25294
	+	6 67361	02685		+	6 65126	56170
	-	223 37251			-	223 53687	
07	.90529	46741	74828	17	.90596	08063	81464
	+	6 67137	65434		+	6 64903	02483
	-	223 38897			-	223 55328	
08	.90536	13879	40262	18	.90602	72966	83947
	+	6 66914	26537		+	6 64679	47155
	-	223 40542			-	223 56967	
09	.90542	80793	66799	19	.90609	37646	31102
	+	6 66690	85995		+	6 64455	90188
	-	223 42187			-	223 58607	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

72°	Sine.			72°	Sine.		
20'	.90616	02102	21290	30'	.90682	34361	29545
	+	6 64232	31581		+	6 61995	55462
	-	223 60246			-	223 76606	
21	.90622	66334	52871	31	.90688	96356	85007
	+	6 64008	71335		+	6 61771	78856
	-	223 61884			-	223 78237	
22	.90629	30343	24206	32	.90695	58128	63863
	+	6 63785	09451		+	6 61548	00619
	-	223 63523			-	223 79870	
23	.90635	94128	33657	33	.90702	19676	64482
	+	6 63561	45928		+	6 61324	20749
	-	223 65158			-	223 81501	
24	.90642	57689	79585	34	.90708	81000	85231
	+	6 63337	80770		+	6 61100	39248
	-	223 66797			-	223 83134	
25	.90649	21027	60355	35	.90715	42101	24479
	+	6 63114	13973		+	6 60876	56114
	-	223 68432			-	223 84763	
26	.90655	84141	74328	36	.90722	02977	80593
	+	6 62890	45541		+	6 60652	71351
	-	223 70068			-	223 86394	
27	.90662	47032	19869	37	.90728	63630	51944
	+	6 62666	75473		+	6 60428	84957
	-	223 71702			-	223 88023	
28	.90669	09698	95342	38	.90735	24059	36901
	+	6 62443	03771		+	6 60204	96934
	-	223 73339			-	223 89652	
29	.90675	72141	99113	39	.90741	84264	33835
	+	6 62219	30432		+	6 59981	07282
	-	223 74970			-	223 91281	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

72°	Sine.			72°	Sine.		
40'	.90748	44245	41117	50'	.90814	31738	25081
	+	6 59757	16001		+	6 57517	13753
	-	223 92908			-	224 09158	
41	.90755	04002	57118	51	.90820	89255	38834
	+	6 59533	23093		+	6 57293	04595
	-	223 94537			-	224 10778	
42	.90761	63535	80211	52	.90827	46548	43429
	+	6 59309	28556		+	6 57068	93817
	-	223 96161			-	224 12401	
43	.90768	22845	08767	53	.90834	03617	37246
	+	6 59085	32395		+	6 56844	81416
	-	223 97790			-	224 14020	
44	.90774	81930	41162	54	.90840	60462	18662
	+	6 58861	34605		+	6 56620	67396
	-	223 99414			-	224 15641	
45	.90781	40791	75767	55	.90847	17082	86058
	+	6 58637	35191		+	6 56396	51755
	-	224 01040			-	224 17261	
46	.90787	99429	10958	56	.90853	73479	37813
	+	6 58413	34151		+	6 56172	34494
	-	224 02664			-	224 18879	
47	.90794	57842	45109	57	.90860	29651	72307
	+	6 58189	31487		+	6 55948	15615
	-	224 04289			-	224 20498	
48	.90801	16031	76596	58	.90866	85599	87922
	+	6 57965	27198		+	6 55723	95117
	-	224 05911			-	224 22116	
49	.90807	73997	03794	59	.90873	41323	83039
	+	6 57741	21287		+	6 55499	73001
	-	224 07534			-	224 23733	

72°	Sine.			72°	Sine.		
60'	.90879	96823	56040	70'	.90945	39485	14124
	+	6	55275 49268		+	6	53032 23100
	-		224 25351		-		224 41488
61	.90886	52099	05308	71	.90951	92517	37224
	+	6	55051 23917		+	6	52807 81612
	-		224 26966		-		224 43098
62	.90893	07150	29225	72	.90958	45325	18836
	+	6	54826 96951		+	6	52583 38514
	-		224 28582		-		224 44709
63	.90899	61977	26176	73	.90964	97908	57350
	+	6	54602 68369		+	6	52358 93805
	-		224 30197		-		224 46319
64	.90906	16579	94545	74	.90971	50267	51155
	+	6	54378 38172		+	6	52134 47486
	-		224 31812		-		224 47927
65	.90912	70958	32717	75	.90978	02401	98641
	+	6	54154 06360		+	6	51909 99559
	-		224 33426		-		224 49537
66	.90919	25112	39077	76	.90984	54311	98200
	+	6	53929 72934		+	6	51685 50022
	-		224 35040		-		224 51144
67	.90925	79042	12011	77	.90991	05997	48222
	+	6	53705 37894		+	6	51460 98878
	-		224 36652		-		224 52751
68	.90932	32747	49905	78	.90997	57458	47100
	+	6	53481 01242		+	6	51236 46127
	-		224 38265		-		224 54358
69	.90938	86228	51147	79	.91004	08694	93227
	+	6	53256 62977		+	6	51011 91769
	-		224 39877		-		224 55966

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

72°	Sine.			72°	Sine.		
80'	.91010	59706	84996	90'	.91075	57472	59856
	+	6 50787	35803		+	6 48540	87932
	-	224 57569			-	224 73598	
81	.91017	10494	20799	91	.91082	06013	47788
	+	6 50562	78234		+	6 48316	14334
	-	224 59177			-	224 75197	
82	.91023	61056	99033	92	.91088	54329	62122
	+	6 50338	19057		+	6 48091	39137
	-	224 60779			-	224 76796	
83	.91030	11395	18090	93	.91095	02421	01259
	+	6 50113	58278		+	6 47866	62341
	-	224 62385			-	224 78394	
84	.91036	61508	76368	94	.91101	50287	63600
	+	6 49888	95893		+	6 47641	83947
	-	224 63988			-	224 79994	
85	.91043	11397	72261	95	.91107	97929	47547
	+	6 49664	31905		+	6 47417	03953
	-	224 65591			-	224 81590	
86	.91049	61062	04166	96	.91114	45346	51500
	+	6 49439	66314		+	6 47192	22363
	-	224 67193			-	224 83187	
87	.91056	10501	70480	97	.91120	92538	73863
	+	6 49214	99121		+	6 46967	39176
	-	224 68795			-	224 84783	
88	.91062	59716	69601	98	.91127	39506	13039
	+	6 48990	30326		+	6 46742	54393
	-	224 70397			-	224 86380	
89	.91069	08706	99927	99	.91133	86248	67432
	+	6 48765	59929		+	6 46517	68013
	-	224 71997			-	224 87974	

73°	Sine.			73°	Sine.		
00'	.91140	32766	35445	10'	.91204	85572	14049
	+	6 46292	80039		+	6 44043	12680
	-	224 89569			-	225 05485	
01	.91146	79059	15484	11	.91211	29615	26729
	+	6 46067	90470		+	6 43818	07195
	-	224 91163			-	225 07074	
02	.91153	25127	05954	12	.91217	73433	33924
	+	6 45842	99307		+	6 43593	00121
	-	224 92757			-	225 08662	
03	.91159	70970	05261	13	.91224	17026	34045
	+	6 45618	06550		+	6 43367	91459
	-	224 94350			-	225 10250	
04	.91166	16588	11811	14	.91230	60394	25504
	+	6 45393	12200		+	6 43142	81209
	-	224 95942			-	225 11835	
05	.91172	61981	24011	15	.91237	03537	06713
	+	6 45168	16258		+	6 42917	69374
	-	224 97534			-	225 13422	
06	.91179	07149	40269	16	.91243	46454	76087
	+	6 44943	18724		+	6 42692	55952
	-	224 99126			-	225 15009	
07	.91185	52092	58993	17	.91249	89147	32039
	+	6 44718	19598		+	6 42467	40943
	-	225 00715			-	225 16594	
08	.91191	96810	78591	18	.91256	31614	72982
	+	6 44493	18883		+	6 42242	24349
	-	225 02308			-	225 18177	
09	.91198	41303	97474	19	.91262	73856	97331
	+	6 44268	16575		+	6 42017	06172
	-	225 03895			-	225 19763	

73°	Sine.			73°	Sine.		
20'	.91269	15874	03503	30'	.91333	23656	17192
	+	6	41791 86409		+	6	39539 01783
	-		225 21345		-		225 37150
21	.91275	57665	89912	31	.91339	63195	18975
	+	6	41566 65064		+	6	39313 64633
	-		225 22930		-		225 38729
22	.91281	99232	54976	32	.91346	02508	83608
	+	6	41341 42134		+	6	39088 25904
	-		225 24510		-		225 40305
23	.91288	40573	97110	33	.91352	41597	09512
	+	6	41116 17624		+	6	38862 85599
	-		225 26094		-		225 41882
24	.91294	81690	14734	34	.91358	80459	95111
	+	6	40890 91530		+	6	38637 43717
	-		225 27674		-		225 43457
25	.91301	22581	06264	35	.91365	19097	38828
	+	6	40665 63856		+	6	38412 00260
	-		225 29255		-		225 45032
26	.91307	63246	70120	36	.91371	57509	39088
	+	6	40440 34601		+	6	38186 55228
	-		225 30836		-		225 46607
27	.91314	03687	04721	37	.91377	95695	94316
	+	6	40215 03765		+	6	37961 08621
	-		225 32415		-		225 48182
28	.91320	43902	08486	38	.91384	33657	02937
	+	6	39989 71350		+	6	37735 60439
	-		225 33994		-		225 49754
29	.91326	83891	79836	39	.91390	71392	63376
	+	6	39764 37356		+	6	37510 10685
	-		225 35573		-		225 51328

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

73°	Sine.			73°	Sine.		
40'	.91397	08902	74061	50'	.91460	71597	98614
	+	6 37284	59357		+	6 35028	59687
	-	225 52900			-	225 68594	
41	.91403	46187	33418	51	.91467	06626	58301
	+	6 37059	06457		+	6 34802	91093
	-	225 54472			-	225 70160	
42	.91409	83246	39875	52	.91473	41429	49394
	+	6 36833	51985		+	6 34577	20933
	-	225 56044			-	225 71726	
43	.91416	20079	91860	53	.91479	76006	70327
	+	6 36607	95941		+	6 34351	49207
	-	225 57614			-	225 73291	
44	.91422	56687	87801	54	.91486	10358	19534
	+	6 36382	38327		+	6 34125	75916
	-	225 59184			-	225 74856	
45	.91428	93070	26128	55	.91492	44483	95450
	+	6 36156	79143		+	6 33900	01060
	-	225 60754			-	225 76420	
46	.91435	29227	05271	56	.91498	78383	96510
	+	6 35931	18389		+	6 33674	24640
	-	225 62324			-	225 77984	
47	.91441	65158	23660	57	.91505	12058	21150
	+	6 35705	56065		+	6 33448	46656
	-	225 63891			-	225 79546	
48	.91448	00863	79725	58	.91511	45506	67806
	+	6 35479	92174		+	6 33222	67110
	-	225 65459			-	225 81108	
49	.91454	36343	71899	59	.91517	78729	34916
	+	6 35254	26715		+	6 32996	86002
	-	225 67028			-	225 82672	

73°	Sine.			73°	Sine.		
60'	.91524	11726	20918	70'	.91587	29271	76610
	+	6	32771 03330		+	6	30511 90843
	-		225 84231		-		225 99813
61	.91530	44497	24248	71	.91593	59783	67453
	+	6	32545 19099		+	6	30285 91030
	-		225 85794		-		226 01370
62	.91536	77042	43347	72	.91599	90069	58483
	+	6	32319 33305		+	6	30059 89660
	-		225 87352		-		226 02925
63	.91543	09361	76652	73	.91606	20129	48143
	+	6	32093 45953		+	6	29833 86735
	-		225 88913		-		226 04477
64	.91549	41455	22605	74	.91612	49963	34878
	+	6	31867 57040		+	6	29607 82258
	-		225 90471		-		226 06032
65	.91555	73322	79645	75	.91618	79571	17136
	+	6	31641 66569		+	6	29381 76226
	-		225 92031		-		226 07585
66	.91562	04964	46214	76	.91625	08952	93362
	+	6	31415 74538		+	6	29155 68641
	-		225 93588		-		226 09137
67	.91568	36380	20752	77	.91631	38108	62003
	+	6	31189 80950		+	6	28929 59504
	-		225 95145		-		226 10688
68	.91574	67570	01702	78	.91637	67038	21507
	+	6	30963 85805		+	6	28703 48816
	-		225 96702		-		226 12241
69	.91580	98533	87507	79	.91643	95741	70323
	+	6	30737 89103		+	6	28477 36575
	-		225 98260		-		226 13791

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

73°	Sine.			73°	Sine.		
80'	.91650	24219	06898	90'	.91712	96552	58567
	+	6 28251	22784		+	6 25988	99711
	-	226 15340			-	226 30813	
81	.91656	52470	29682	91	.91719	22541	58278
	+	6 28025	07444		+	6 25762	68898
	-	226 16891			-	226 32354	
82	.91662	80495	37126	92	.91725	48304	27176
	+	6 27798	90553		+	6 25536	36544
	-	226 18439			-	226 33901	
83	.91669	08294	27679	93	.91731	73840	63720
	+	6 27572	72114		+	6 25310	02643
	-	226 19989			-	226 35441	
84	.91675	35866	99793	94	.91737	99150	66363
	+	6 27346	52125		+	6 25083	67202
	-	226 21535			-	226 36984	
85	.91681	63213	51918	95	.91744	24234	33565
	+	6 27120	30590		+	6 24857	30218
	-	226 23084			-	226 38527	
86	.91687	90333	82508	96	.91750	49091	63783
	+	6 26894	07506		+	6 24630	91691
	-	226 24630			-	226 40067	
87	.91694	17227	90014	97	.91756	73722	55474
	+	6 26667	82876		+	6 24404	51624
	-	226 26177			-	226 41609	
88	.91700	43895	72890	98	.91762	98127	07098
	+	6 26441	56699		+	6 24178	10015
	-	226 27721			-	226 43147	
89	.91706	70337	29589	99	.91769	22305	17113
	+	6 26215	28978		+	6 23951	66868
	-	226 29267			-	226 44688	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

74 ^c	Sine.			74 ^c	Sine.		
00'	.91775	46256	83981	10'	.91837	73316	41088
	+	6 23725	22180		+	6 21459	90751
	-	226 46227			-	226 61585	
01	.91781	69982	06161	11	.91843	94776	31839
	+	6 23498	75953		+	6 21233	29166
	-	226 47764			-	226 63119	
02	.91787	93480	82114	12	.91850	16009	61005
	+	6 23272	28189		+	6 21006	66047
	-	226 49304			-	226 64651	
03	.91794	16753	10303	13	.91856	37016	27052
	+	6 23045	78885		+	6 20780	01396
	-	226 50840			-	226 66182	
04	.91800	39798	89188	14	.91862	57796	28448
	+	6 22819	28045		+	6 20553	35214
	-	226 52377			-	226 67714	
05	.91806	62618	17233	15	.91868	78349	63662
	+	6 22592	75668		+	6 20326	67500
	-	226 53913			-	226 69245	
06	.91812	85210	92901	16	.91874	98676	31162
	+	6 22366	21755		+	6 20099	98255
	-	226 55449			-	226 70773	
07	.91819	07577	14656	17	.91881	18776	29417
	+	6 22139	66306		+	6 19873	27482
	-	226 56984			-	226 72305	
08	.91825	29716	80962	18	.91887	38649	56899
	+	6 21913	09322		+	6 19646	55177
	-	226 58518			-	226 73832	
09	.91831	51629	90284	19	.91893	58296	12076
	+	6 21686	50804		+	6 19419	81345
	-	226 60053			-	226 75361	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

74 ^c	Sine.			74 ^c	Sine.		
20'	.91899	77715	93421	30'	.91961	59440	10109
	+	6 19193	05984		+	6 16924	68436
	-	226 76889			-	226 92136	
21	.91905	96908	99405	31	.91967	76364	78545
	+	6 18966	29095		+	6 16697	76300
	-	226 78416			-	226 93657	
22	.91912	15875	28500	32	.91973	93062	54845
	+	6 18739	50679		+	6 16470	82643
	-	226 79943			-	226 95179	
23	.91918	34614	79179	33	.91980	09533	37488
	+	6 18512	70736		+	6 16243	87464
	-	226 81469			-	226 96700	
24	.91924	53127	49915	34	.91986	25777	24952
	+	6 18285	89267		+	6 16016	90764
	-	226 82994			-	226 98218	
25	.91930	71413	39182	35	.91992	41794	15716
	+	6 18059	06273		+	6 15789	92546
	-	226 84520			-	226 99740	
26	.91936	89472	45455	36	.91998	57584	08262
	+	6 17832	21753		+	6 15562	92806
	-	226 86044			-	227 01257	
27	.91943	07304	67208	37	.92004	73147	01068
	+	6 17605	35709		+	6 15335	91549
	-	226 87568			-	227 02775	
28	.91949	24910	02917	38	.92010	88482	92617
	+	6 17378	48141		+	6 15108	88774
	-	226 89090			-	227 04295	
29	.91955	42288	51058	39	.92017	03591	81391
	+	6 17151	59051		+	6 14881	84479
	-	226 90615			-	227 05810	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

74 ^c	Sine.			74 ^c	Sine.		
40'	.92023	18473	65870	50'	.92084	54801	41026
	+	6	14654 78669		+	6	12383 37242
	-		227 07327		-		227 22463
41	.92029	33128	44539	51	.92090	67184	78268
	+	6	14427 71342		+	6	12156 14779
	-		227 08843		-		227 23972
42	.92035	47556	15881	52	.92096	79340	93047
	+	6	14200 62499		+	6	11928 90807
	-		227 10360		-		227 25484
43	.92041	61756	78380	53	.92102	91269	83854
	+	6	13973 52139		+	6	11701 65323
	-		227 11873		-		227 26991
44	.92047	75730	30519	54	.92109	02971	49177
	+	6	13746 40266		+	6	11474 38332
	-		227 13388		-		227 28502
45	.92053	89476	70785	55	.92115	14445	87509
	+	6	13519 26878		+	6	11247 09830
	-		227 14902		-		227 30008
46	.92060	02995	97663	56	.92121	25692	97339
	+	6	13292 11976		+	6	11019 79822
	-		227 16415		-		227 31517
47	.92066	16288	09639	57	.92127	36712	77161
	+	6	13064 95561		+	6	10792 48305
	-		227 17928		-		227 33024
48	.92072	29353	05200	58	.92133	47505	25466
	+	6	12837 77633		+	6	10565 15281
	-		227 19440		-		227 34530
49	.92078	42190	82833	59	.92139	58070	40747
	+	6	12610 58193		+	6	10337 80751
	-		227 20951		-		227 36036

74 ^c	Sine.			74 ^c	Sine.		
60'	.92145	68408	21498	70'	.92206	59278	98815
	+	6 10110	44715		+	6 07836	01650
	-	227 37541			-	227 52566	
61	.92151	78518	66213	71	.92212	67115	00465
	+	6 09883	07174		+	6 07608	49084
	-	227 39047			-	227 54063	
62	.92157	88401	73387	72	.92218	74723	49549
	+	6 09655	68127		+	6 07380	95021
	-	227 40551			-	227 55562	
63	.92163	98057	41514	73	.92224	82104	44570
	+	6 09428	27576		+	6 07153	39459
	-	227 42054			-	227 57061	
64	.92170	07485	69090	74	.92230	89257	84029
	+	6 09200	85522		+	6 06925	82398
	-	227 43558			-	227 58558	
65	.92176	16686	54612	75	.92236	96183	66427
	+	6 08973	41964		+	6 06698	23840
	-	227 45060			-	227 60055	
66	.92182	25659	96576	76	.92243	02881	90267
	+	6 08745	96904		+	6 06470	63785
	-	227 46561			-	227 61552	
67	.92188	34405	93480	77	.92249	09352	54052
	+	6 08518	50343		+	6 06243	02233
	-	227 48065			-	227 63047	
68	.92194	42924	43823	78	.92255	15595	56285
	+	6 08291	02278		+	6 06015	39186
	-	227 49564			-	227 64542	
69	.92200	51215	46101	79	.92261	21610	95471
	+	6 08063	52714		+	6 05787	74644
	-	227 51064			-	227 66038	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

74 ^c	Sine.			74 ^c	Sine.		
80'	.92267	27398	70115	90'	.92327	72752	38149
	+	6 05560	08606		+	6 03282	66147
	-	227 67531			-	227 82441	
81	.92273	32958	78721	91	.92333	76035	04296
	+	6 05332	41075		+	6 03054	83706
	-	227 69025			-	227 83931	
82	.92279	38291	19796	92	.92339	79089	88002
	+	6 05104	72050		+	6 02826	99775
	-	227 70518			-	227 85418	
83	.92285	43395	91846	93	.92345	81916	87777
	+	6 04877	01532		+	6 02599	14357
	-	227 72011			-	227 86904	
84	.92291	48272	93378	94	.92351	84516	02134
	+	6 04649	29521		+	6 02371	27453
	-	227 73503			-	227 88390	
85	.92297	52922	22899	95	.92357	86887	29587
	+	6 04421	56018		+	6 02143	39063
	-	227 74993			-	227 89877	
86	.92303	57343	78917	96	.92363	89030	68650
	+	6 04193	81025		+	6 01915	49186
	-	227 76484			-	227 91362	
87	.92309	61537	59942	97	.92369	90946	17836
	+	6 03966	04541		+	6 01687	57824
	-	227 77976			-	227 92845	
88	.92315	65503	64483	98	.92375	92633	75660
	+	6 03738	26565		+	6 01459	64979
	-	227 79464			-	227 94331	
89	.92321	69241	91048	99	.92381	94093	40639
	+	6 03510	47101		+	6 01231	70648
	-	227 80954			-	227 95814	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

75°	Sine.			75°	Sine.		
00'	.92387	95325	11287	10'	.92447	95102	03518
	+	6 01003	74834		+	5 98723	35230
	-	227	97296		-	228	12095
01	.92393	96328	86121	11	.92453	93825	38748
	+	6 00775	77538		+	5 98495	23135
	-	227	98779		-	228	13572
02	.92399	97104	63659	12	.92459	92320	61883
	+	6 00547	78759		+	5 98267	09563
	-	228	00261		-	228	15047
03	.92405	97652	42418	13	.92465	90587	71446
	+	6 00319	78498		+	5 98038	94516
	-	228	01742		-	228	16524
04	.92411	97972	20916	14	.92471	88626	65962
	+	6 00091	76756		+	5 97810	77992
	-	228	03223		-	228	17998
05	.92417	98063	97672	15	.92477	86437	43954
	+	5 99863	73533		+	5 97582	59994
	-	228	04702		-	228	19473
06	.92423	97927	71205	16	.92483	84020	03948
	+	5 99635	68831		+	5 97354	40521
	-	228	06183		-	228	20947
07	.92429	97563	40036	17	.92489	81374	44469
	+	5 99407	62648		+	5 97126	19574
	-	228	07661		-	228	22420
08	.92435	96971	02684	18	.92495	78500	64043
	+	5 99179	54987		+	5 96897	97154
	-	228	09140		-	228	23893
09	.92441	96150	57671	19	.92501	75398	61197
	+	5 98951	45847		+	5 96669	73261
	-	228	10617		-	228	25365

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

75°	Sine.			75°	Sine.		
20'	.92507	72068	34458	30'	.92567	26209	29349
	+	5 96441	47896		+	5 94158	13397
	-	228 26837			-	228 41524	
21	.92513	68509	82354	31	.92573	20367	42746
	+	5 96213	21059		+	5 93929	71873
	-	228 28307			-	228 42987	
22	.92519	64723	03413	32	.92579	14297	14619
	+	5 95984	92752		+	5 93701	28886
	-	228 29779			-	228 44452	
23	.92525	60707	96165	33	.92585	07998	43505
	+	5 95756	62973		+	5 93472	84434
	-	228 31249			-	228 45918	
24	.92531	56464	59138	34	.92591	01471	27939
	+	5 95528	31724		+	5 93244	38516
	-	228 32717			-	228 47381	
25	.92537	51992	90862	35	.92596	94715	66455
	+	5 95299	99007		+	5 93015	91135
	-	228 34187			-	228 48844	
26	.92543	47292	89869	36	.92602	87731	57590
	+	5 95071	64820		+	5 92787	42291
	-	228 35655			-	228 50306	
27	.92549	42364	54689	37	.92608	80518	99881
	+	5 94843	29165		+	5 92558	91985
	-	228 37122			-	228 51770	
28	.92555	37207	83854	38	.92614	73077	91866
	+	5 94614	92043		+	5 92330	40215
	-	228 38591			-	228 53229	
29	.92561	31822	75897	39	.92620	65408	32081
	+	5 94386	53452		+	5 92101	86986
	-	228 40055			-	228 54692	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

75°	Sine.			75°	Sine.		
40'	.92626	57510	19067	50'	.92685	65956	40121
	+	5	91873 32294		+	5	89587 05153
	-		228 56152		-		228 70725
41	.92632	49383	51361	51	.92691	55543	45274
	+	5	91644 76142		+	5	89358 34428
	-		228 57611		-		228 72179
42	.92638	41028	27503	52	.92697	44901	79702
	+	5	91416 18531		+	5	89129 62249
	-		228 59071		-		228 73631
43	.92644	32444	46034	53	.92703	34031	41951
	+	5	91187 59460		+	5	88900 88618
	-		228 60529		-		228 75086
44	.92650	23632	05494	54	.92709	22932	30569
	+	5	90958 98931		+	5	88672 13532
	-		228 61988		-		228 76539
45	.92656	14591	04425	55	.92715	11604	44101
	+	5	90730 36943		+	5	88443 36993
	-		228 63446		-		228 77988
46	.92662	05321	41368	56	.92721	00047	81094
	+	5	90501 73497		+	5	88214 59005
	-		228 64901		-		228 79442
47	.92667	95823	14865	57	.92726	88262	40099
	+	5	90273 08596		+	5	87985 79563
	-		228 66359		-		228 80892
48	.92673	86096	23461	58	.92732	76248	19662
	+	5	90044 42237		+	5	87756 98671
	-		228 67814		-		228 82343
49	.92679	76140	65698	59	.92738	64005	18333
	+	5	89815 74423		+	5	87528 16328
	-		228 69270		-		228 83791

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

75°	Sine.			75°	Sine.		
60'	.92744	51533	34661	70'	.92803	14226	50481
	+	5 87299	32537		+	5 85010	15010
	-	228 85241			-	228 99700	
61	.92750	38832	67198	71	.92808	99236	65491
	+	5 87070	47296		+	5 84781	15310
	-	228 86689			-	229 01144	
62	.92756	25903	14494	72	.92814	84017	80801
	+	5 86841	60607		+	5 84552	14166
	-	228 88138			-	229 02586	
63	.92762	12744	75101	73	.92820	68569	94967
	+	5 86612	72469		+	5 84323	11580
	-	228 89585			-	229 04028	
64	.92767	99357	47570	74	.92826	52893	06547
	+	5 86383	82884		+	5 84094	07552
	-	228 91032			-	229 05470	
65	.92773	85741	30454	75	.92832	36987	14099
	+	5 86154	91852		+	5 83865	02082
	-	228 92478			-	229 06909	
66	.92779	71896	22306	76	.92838	20852	16181
	+	5 85925	99374		+	5 83635	95173
	-	228 93923			-	229 08349	
67	.92785	57822	21680	77	.92844	04488	11354
	+	5 85697	05451		+	5 83406	86824
	-	228 95370			-	229 09790	
68	.92791	43519	27131	78	.92849	87894	98178
	+	5 85468	10081		+	5 83177	77034
	-	228 96812			-	229 11229	
69	.92797	28987	37212	79	.92855	71072	75212
	+	5 85239	13269		+	5 82948	65805
	-	228 98259			-	229 12666	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

75°	Sine.			75°	Sine.		
80'	.92861	54021	41017	90'	.92919	70903	65360
	+	5 82719	53139		+	5 80427	47487
	-	229 14104			-	229 28451	
81	.92867	36740	94156	91	.92925	51331	12847
	+	5 82490	39035		+	5 80198	19036
	-	229 15542			-	229 29883	
82	.92873	19231	33191	92	.92931	31529	31883
	+	5 82261	23493		+	5 79968	89153
	-	229 16978			-	229 31314	
83	.92879	01492	56684	93	.92937	11498	21036
	+	5 82032	06515		+	5 79739	57839
	-	229 18415			-	229 32744	
84	.92884	83524	63199	94	.92942	91237	78875
	+	5 81802	88100		+	5 79510	25095
	-	229 19849			-	229 34175	
85	.92890	65327	51299	95	.92948	70748	03970
	+	5 81573	68251		+	5 79280	90920
	-	229 21286			-	229 35603	
86	.92896	46901	19550	96	.92954	50028	94890
	+	5 81344	46965		+	5 79051	55317
	-	229 22719			-	229 37032	
87	.92902	28245	66515	97	.92960	29080	50207
	+	5 81115	24246		+	5 78822	18285
	-	229 24153			-	229 38461	
88	.92908	09360	90761	98	.92966	07902	68492
	+	5 80886	00093		+	5 78592	79824
	-	229 25587			-	229 39889	
89	.92913	90246	90854	99	.92971	86495	48316
	+	5 80656	74506		+	5 78363	39935
	-	229 27019			-	229 41314	

76°	Sine.			76°	Sine.		
00'	.92977	64858	88251	10'	.93035	35872	80090
	+	5 78133	98621		+	5 75839	07105
	-	229 42742			-	229 56975	
01	.92983	42992	86872	11	.93041	11711	87195
	+	5 77904	55879		+	5 75609	50130
	-	229 44168			-	229 58396	
02	.92989	20897	42751	12	.93046	87321	37325
	+	5 77675	11711		+	5 75379	91734
	-	229 45592			-	229 59815	
03	.92994	98572	54462	13	.93052	62701	29059
	+	5 77445	66119		+	5 75150	31919
	-	229 47019			-	229 61235	
04	.93000	76018	20581	14	.93058	37851	60978
	+	5 77216	19100		+	5 74920	70684
	-	229 48441			-	229 62653	
05	.93006	53234	39681	15	.93064	12772	31662
	+	5 76986	70659		+	5 74691	08031
	-	229 49866			-	229 64071	
06	.93012	30221	10340	16	.93069	87463	39693
	+	5 76757	20793		+	5 74461	43960
	-	229 51289			-	229 65488	
07	.93018	06978	31133	17	.93075	61924	83653
	+	5 76527	69504		+	5 74231	78472
	-	229 52711			-	229 66906	
08	.93023	83506	00637	18	.93081	36156	62125
	+	5 76298	16793		+	5 74002	11566
	-	229 54133			-	229 68321	
09	.93029	59804	17430	19	.93087	10158	73691
	+	5 76068	62660		+	5 73772	43245
	-	229 55555			-	229 69738	

76°	Sine.			76°	Sine.		
20'	.93092	83931	16936	30'	.93150	09019	80512
	+	5 73542	73507		+	5 71244	98394
	-	229 71152			-	229 85274	
21	.93098	57473	90443	31	.93155	80264	78906
	+	5 73313	02355		+	5 71015	13120
	-	229 72568			-	229 86682	
22	.93104	30786	92798	32	.93161	51279	92026
	+	5 73083	29787		+	5 70785	26438
	-	229 73980			-	229 88089	
23	.93110	03870	22585	33	.93167	22065	18464
	+	5 72853	55807		+	5 70555	38349
	-	229 75395			-	229 89499	
24	.93115	76723	78392	34	.93172	92620	56813
	+	5 72623	80412		+	5 70325	48850
	-	229 76808			-	229 90905	
25	.93121	49347	58804	35	.93178	62946	05663
	+	5 72394	03604		+	5 70095	57945
	-	229 78220			-	229 92312	
26	.93127	21741	62408	36	.93184	33041	63608
	+	5 72164	25384		+	5 69865	65633
	-	229 79631			-	229 93718	
27	.93132	93905	87792	37	.93190	02907	29241
	+	5 71934	45753		+	5 69635	71915
	-	229 81042			-	229 95123	
28	.93138	65840	33545	38	.93195	72543	01156
	+	5 71704	64711		+	5 69405	76792
	-	229 82455			-	229 96529	
29	.93144	37544	98256	39	.93201	41948	77948
	+	5 71474	82256		+	5 69175	80263
	-	229 83862			-	229 97933	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

76°	Sine.			76°	Sine.		
40'	.93207	11124	58211	50'	.93263	90231	43094
	+	5 68945	82330		+	5 66645	25886
	-	229 99336			-	230 13344	
41	.93212	80070	40541	51	.93269	56876	68980
	+	5 68715	82994		+	5 66415	12542
	-	230 00740			-	230 14741	
42	.93218	48786	23535	52	.93275	23291	81522
	+	5 68485	82254		+	5 66184	97801
	-	230 02143			-	230 16139	
43	.93224	17272	05789	53	.93280	89476	79323
	+	5 68255	80111		+	5 65954	81662
	-	230 03545			-	230 17534	
44	.93229	85527	85900	54	.93286	55431	60985
	+	5 68025	76566		+	5 65724	64128
	-	230 04945			-	230 18930	
45	.93235	53553	62466	55	.93292	21156	25113
	+	5 67795	71621		+	5 65494	45198
	-	230 06348			-	230 20326	
46	.93241	21349	34087	56	.93297	86650	70311
	+	5 67565	65273		+	5 65264	24872
	-	230 07748			-	230 21721	
47	.93246	88914	99360	57	.93303	51914	95183
	+	5 67335	57525		+	5 65034	03151
	-	230 09147			-	230 23115	
48	.93252	56250	56885	58	.93309	16948	98334
	+	5 67105	48378		+	5 64803	80036
	-	230 10547			-	230 24507	
49	.93258	23356	05263	59	.93314	81752	78370
	+	5 66875	37831		+	5 64573	55529
	-	230 11945			-	230 25903	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

76°	Sine.			76°	Sine.		
60'	.93320	46326	33899	70'	.93376	79395	35039
	+	5 64343	29626		+	5 62039	94122
	-	230 27292			-	230 41187	
61	.93326	10669	63525	71	.93382	41435	29161
	+	5 64113	02334		+	5 61809	52935
	-	230 28687			-	230 42573	
62	.93331	74782	65859	72	.93388	03244	82096
	+	5 63882	73647		+	5 61579	10362
	-	230 30077			-	230 43960	
63	.93337	38665	39506	73	.93393	64823	92458
	+	5 63652	43570		+	5 61348	66402
	-	230 31467			-	230 45343	
64	.93343	02317	83076	74	.93399	26172	58860
	+	5 63422	12103		+	5 61118	21059
	-	230 32858			-	230 46730	
65	.93348	65739	95179	75	.93404	87290	79919
	+	5 63191	79245		+	5 60887	74329
	-	230 34248			-	230 48111	
66	.93354	28931	74424	76	.93410	48178	54248
	+	5 62961	44997		+	5 60657	26218
	-	230 35637			-	230 49497	
67	.93359	91893	19421	77	.93416	08835	80466
	+	5 62731	09360		+	5 60426	76721
	-	230 37024			-	230 50878	
68	.93365	54624	28781	78	.93421	69262	57187
	+	5 62500	72336		+	5 60196	25843
	-	230 38414			-	230 52261	
69	.93371	17125	01117	79	.93427	29458	83030
	+	5 62270	33922		+	5 59965	73582
	-	230 39800			-	230 53643	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

76°	Sine.			76°	Sine.		
80'	.93432	89424	56612	90'	.93488	76400	14398
	+	5 59735	19939		+	5 57429	07648
	-	230 55023			-	230 68804	
81	.93438	49159	76551	91	.93494	33829	22046
	+	5 59504	64916		+	5 57198	38844
	-	230 56404			-	230 70177	
82	.93444	08664	41467	92	.93499	91027	60890
	+	5 59274	08512		+	5 56967	68667
	-	230 57785			-	230 71553	
83	.93449	67938	49979	93	.93505	47995	29557
	+	5 59043	50727		+	5 56736	97114
	-	230 59163			-	230 72927	
84	.93455	26982	00706	94	.93511	04732	26671
	+	5 58812	91564		+	5 56506	24187
	-	230 60542			-	230 74298	
85	.93460	85794	92270	95	.93516	61238	50858
	+	5 58582	31022		+	5 56275	49889
	-	230 61921			-	230 75672	
86	.93466	44377	23292	96	.93522	17514	00747
	+	5 58351	69101		+	5 56044	74217
	-	230 63299			-	230 77044	
87	.93472	02728	92393	97	.93527	73558	74964
	+	5 58121	05802		+	5 55813	97173
	-	230 64674			-	230 78415	
88	.93477	60849	98195	98	.93533	29372	72137
	+	5 57890	41128		+	5 55583	18758
	-	230 66053			-	230 79786	
89	.93483	18740	39323	99	.93538	84955	90895
	+	5 57659	75075		+	5 55352	38972
	-	230 67427			-	230 81156	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

77 ^c	Sine.			77 ^c	Sine.		
00'	.93544	40308	29867	10'	.93599	81135	30180
	+	5 55121	57816		+	5 52812	71013
	-	230 82526			-	230 96191	
01	.93549	95429	87683	11	.93605	33948	01193
	+	5 54890	75290		+	5 52581	74822
	-	230 83895			-	230 97556	
02	.93555	50320	62973	12	.93610	86529	76015
	+	5 54659	91395		+	5 52350	77266
	-	230 85264			-	230 98917	
03	.93561	04980	54368	13	.93616	38880	53281
	+	5 54429	06131		+	5 52119	78349
	-	230 86632			-	231 00281	
04	.93566	59409	60499	14	.93621	91000	31630
	+	5 54198	19499		+	5 51888	78068
	-	230 87998			-	231 01642	
05	.93572	13607	79998	15	.93627	42889	09698
	+	5 53967	31501		+	5 51657	76426
	-	230 89367			-	231 03004	
06	.93577	67575	11499	16	.93632	94546	86124
	+	5 53736	42134		+	5 51426	73422
	-	230 90732			-	231 04363	
07	.93583	21311	53633	17	.93638	45973	59546
	+	5 53505	51402		+	5 51195	69059
	-	230 92098			-	231 05724	
08	.93588	74817	05035	18	.93643	97169	28605
	+	5 53274	59304		+	5 50964	63335
	-	230 93463			-	231 07083	
09	.93594	28091	64339	19	.93649	48133	91940
	+	5 53043	65841		+	5 50733	56252
	-	230 94828			-	231 08442	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

77 ^c	Sine.			77 ^c	Sine.		
20'	.93654	98867	48192	30'	.93709	93491	22459
	+	5 50502	47810		+	5 48190	88775
	-	231 09801			-	231 23352	
21	.93660	49369	96002	31	.93715	41682	11234
	+	5 50271	38009		+	5 47959	65423
	-	231 11158			-	231 24705	
22	.93665	99641	34011	32	.93720	89641	76657
	+	5 50040	26851		+	5 47728	40718
	-	231 12515			-	231 26055	
23	.93671	49681	60862	33	.93726	37370	17375
	+	5 49809	14336		+	5 47497	14663
	-	231 13873			-	231 27406	
24	.93676	99490	75198	34	.93731	84867	32038
	+	5 49578	00463		+	5 47265	87257
	-	231 15227			-	231 28758	
25	.93682	49068	75661	35	.93737	32133	19295
	+	5 49346	85236		+	5 47034	58499
	-	231 16584			-	231 30106	
26	.93687	98415	60897	36	.93742	79167	77794
	+	5 49115	68652		+	5 46803	28393
	-	231 17938			-	231 31457	
27	.93693	47531	29549	37	.93748	25971	06187
	+	5 48884	50714		+	5 46571	96936
	-	231 19293			-	231 32803	
28	.93698	96415	80263	38	.93753	72543	03123
	+	5 48653	31421		+	5 46340	64133
	-	231 20646			-	231 34153	
29	.93704	45069	11684	39	.93759	18883	67256
	+	5 48422	10775		+	5 46109	29980
	-	231 22000			-	231 35501	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

77 ^c	Sine.			77 ^c	Sine.		
40'	.93764	64992	97236	50'	.93819	13359	22484
	+	5	45877 94479		+	5	43563 65495
	-		231 36846		-		231 50285
41	.93770	10870	91715	51	.93824	56922	87979
	+	5	45646 57633		+	5	43332 15210
	-		231 38193		-		231 51625
42	.93775	56517	49348	52	.93830	00255	03189
	+	5	45415 19440		+	5	43100 63585
	-		231 39539		-		231 52965
43	.93781	01932	68788	53	.93835	43355	66774
	+	5	45183 79901		+	5	42869 10620
	-		231 40885		-		231 54305
44	.93786	47116	48689	54	.93840	86224	77394
	+	5	44952 39016		+	5	42637 56315
	-		231 42228		-		231 55643
45	.93791	92068	87705	55	.93846	28862	33709
	+	5	44720 96788		+	5	42406 00672
	-		231 43573		-		231 56982
46	.93797	36789	84493	56	.93851	71268	34381
	+	5	44489 53215		+	5	42174 43690
	-		231 44916		-		231 58320
47	.93802	81279	37708	57	.93857	13442	78071
	+	5	44258 08299		+	5	41942 85370
	-		231 46260		-		231 59657
48	.93808	25537	46007	58	.93862	55385	63441
	+	5	44026 62039		+	5	41711 25713
	-		231 47601		-		231 60993
49	.93813	69564	08046	59	.93867	97096	89154
	+	5	43795 14438		+	5	41479 64720
	-		231 48943		-		231 62329

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

77 ^c	Sine.			77 ^c	Sine.		
60'	.93873	38576	53874	70'	.93927	40631	52787
	+	5 41248	02391		+	5 38931	05739
	-	231 63666			-	231 76989	
61	.93878	79824	56265	71	.93932	79562	58526
	+	5 41016	38725		+	5 38699	28750
	-	231 64999			-	231 78317	
62	.93884	20840	94990	72	.93938	18261	87276
	+	5 40784	73726		+	5 38467	50433
	-	231 66335			-	231 79646	
63	.93889	61625	68716	73	.93943	56729	37709
	+	5 40553	07391		+	5 38235	70787
	-	231 67667			-	231 80974	
64	.93895	02178	76107	74	.93948	94965	08496
	+	5 40321	39724		+	5 38003	89813
	-	231 69002			-	231 82302	
65	.93900	42500	15831	75	.93954	32968	98309
	+	5 40089	70722		+	5 37772	07511
	-	231 70333			-	231 83628	
66	.93905	82589	86553	76	.93959	70741	05820
	+	5 39858	00389		+	5 37540	23883
	-	231 71667			-	231 84955	
67	.93911	22447	86942	77	.93965	08281	29703
	+	5 39626	28722		+	5 37308	38928
	-	231 72996			-	231 86281	
68	.93916	62074	15664	78	.93970	45589	68631
	+	5 39394	55726		+	5 37076	52647
	-	231 74329			-	231 87605	
69	.93922	01468	71390	79	.93975	82666	21278
	+	5 39162	81397		+	5 36844	65042
	-	231 75658			-	231 88931	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

77 ^c	Sine.			77 ^c	Sine.		
80'	.93981	19510	86320	90'	.94034	75201	27287
	+	5 36612	76111		+	5 34293	14080
	-	231 90254			-	232 03464	
81	.93986	56123	62431	91	.94040	09494	41367
	+	5 36380	85857		+	5 34061	10616
	-	231 91579			-	232 04781	
82	.93991	92504	48288	92	.94045	43555	51983
	+	5 36148	94278		+	5 33829	05835
	-	231 92899			-	232 06098	
83	.93997	28653	42566	93	.94050	77384	57818
	+	5 35917	01379		+	5 33596	99737
	-	231 94224			-	232 07414	
84	.94002	64570	43945	94	.94056	10981	57555
	+	5 35685	07155		+	5 33364	92323
	-	231 95545			-	232 08732	
85	.94008	00255	51100	95	.94061	44346	49878
	+	5 35453	11610		+	5 33132	83591
	-	231 96866			-	232 10046	
86	.94013	35708	62710	96	.94066	77479	33469
	+	5 35221	14744		+	5 32900	73545
	-	231 98187			-	232 11361	
87	.94018	70929	77454	97	.94072	10380	07014
	+	5 34989	16557		+	5 32668	62184
	-	231 99506			-	232 12676	
88	.94024	05918	94011	98	.94077	43048	69198
	+	5 34757	17051		+	5 32436	49508
	-	232 00826			-	232 13989	
89	.94029	40676	11062	99	.94082	75485	18706
	+	5 34525	16225		+	5 32204	35519
	-	232 02145			-	232 15302	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

78 ^c	Sine.			78 ^c	Sine.		
00'	.94088	07689	54225	10'	.94141	16962	51397
	+	5 31972	20217		+	5 29649	95095
	-	232 16615			-	232 29710	
01	.94093	39661	74442	11	.94146	46612	46492
	+	5 31740	03602		+	5 29417	65385
	-	232 17927			-	232 31015	
02	.94098	71401	78044	12	.94151	76030	11877
	+	5 31507	85675		+	5 29185	34370
	-	232 19239			-	232 32321	
03	.94104	02909	63719	13	.94157	05215	46247
	+	5 31275	66436		+	5 28953	02049
	-	232 20549			-	232 33627	
04	.94109	34185	30155	14	.94162	34168	48296
	+	5 31043	45887		+	5 28720	68422
	-	232 21860			-	232 34931	
05	.94114	65228	76042	15	.94167	62889	16718
	+	5 30811	24027		+	5 28488	33491
	-	232 23169			-	232 36235	
06	.94119	96040	00069	16	.94172	91377	50209
	+	5 30579	00858		+	5 28255	97256
	-	232 24478			-	232 37539	
07	.94125	26619	00927	17	.94178	19633	47465
	+	5 30346	76380		+	5 28023	59717
	-	232 25788			-	232 38841	
08	.94130	56965	77307	18	.94183	47657	07182
	+	5 30114	50592		+	5 27791	20876
	-	232 27094			-	232 40143	
09	.94135	87080	27899	19	.94188	75448	28058
	+	5 29882	23498		+	5 27558	80733
	-	232 28403			-	232 41446	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

78°	Sine.			78°	Sine.		
20'	.94194	03007	08791	30'	.94246	65810	22128
	+	5 27326	39287		+	5 25001	53367
	-	232 42746			-	232 55726	
21	.94199	30333	48078	31	.94251	90811	75495
	+	5 27093	96541		+	5 24768	97641
	-	232 44048			-	232 57021	
22	.94204	57427	44619	32	.94257	15580	73136
	+	5 26861	52493		+	5 24536	40620
	-	232 45346			-	232 58316	
23	.94209	84288	97112	33	.94262	40117	13756
	+	5 26629	07147		+	5 24303	82304
	-	232 46646			-	232 59608	
24	.94215	10918	04259	34	.94267	64420	96060
	+	5 26396	60501		+	5 24071	22696
	-	232 47946			-	232 60902	
25	.94220	37314	64760	35	.94272	88492	18756
	+	5 26164	12555		+	5 23838	61794
	-	232 49243			-	232 62194	
26	.94225	63478	77315	36	.94278	12330	80550
	+	5 25931	63312		+	5 23605	99600
	-	232 50541			-	232 63487	
27	.94230	89410	40627	37	.94283	35936	80150
	+	5 25699	12771		+	5 23373	36113
	-	232 51839			-	232 64778	
28	.94236	15109	53398	38	.94288	59310	16263
	+	5 25466	60932		+	5 23140	71335
	-	232 53134			-	232 66069	
29	.94241	40576	14330	39	.94293	82450	87598
	+	5 25234	07798		+	5 22908	05266
	-	232 54431			-	232 67358	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

78°	Sine.			78°	Sine.		
40'	.94299	05358	92864	50'	.94351	21640	28194
	+	5	22675 37908		+	5	20347 93483
	-		232 68648		-		232 81512
41	.94304	28034	30772	51	.94356	41988	21677
	+	5	22442 69260		+	5	20115 11971
	-		232 69938		-		232 82798
42	.94309	50477	00032	52	.94361	62103	33648
	+	5	22209 99322		+	5	19882 29173
	-		232 71227		-		232 84079
43	.94314	72686	99354	53	.94366	81985	62821
	+	5	21977 28095		+	5	19649 45094
	-		232 72513		-		232 85361
44	.94319	94664	27449	54	.94372	01635	07915
	+	5	21744 55582		+	5	19416 59733
	-		232 73801		-		232 86644
45	.94325	16408	83031	55	.94377	21051	67648
	+	5	21511 81781		+	5	19183 73089
	-		232 75089		-		232 87924
46	.94330	37920	64812	56	.94382	40235	40737
	+	5	21279 06692		+	5	18950 85165
	-		232 76374		-		232 89204
47	.94335	59199	71504	57	.94387	59186	25902
	+	5	21046 30318		+	5	18717 95961
	-		232 77660		-		232 90486
48	.94340	80246	01822	58	.94392	77904	21863
	+	5	20813 52658		+	5	18485 05475
	-		232 78944		-		232 91763
49	.94346	01059	54480	59	.94397	96389	27338
	+	5	20580 73714		+	5	18252 13712
	-		232 80231		-		232 93043

78 ^c	Sine.			78 ^c	Sine.		
60'	.94403	14641	41050	70'	.94454	84349	50112
	+	5	18019 20669		+	5	15689 20038
	-		232 94321		-		233 07071
61	.94408	32660	61719	71	.94460	00038	70150
	+	5	17786 26348		+	5	15456 12967
	-		232 95599		-		233 08343
62	.94413	50446	88067	72	.94465	15494	83117
	+	5	17553 30749		+	5	15223 04624
	-		232 96874		-		233 09613
63	.94418	68000	18816	73	.94470	30717	87741
	+	5	17320 33875		+	5	14989 95011
	-		232 98153		-		233 10885
64	.94423	85320	52691	74	.94475	45707	82752
	+	5	17087 35722		+	5	14756 84126
	-		232 99427		-		233 12155
65	.94429	02407	88413	75	.94480	60464	66878
	+	5	16854 36295		+	5	14523 71971
	-		233 00704		-		233 13424
66	.94434	19262	24708	76	.94485	74988	38849
	+	5	16621 35591		+	5	14290 58547
	-		233 01977		-		233 14693
67	.94439	35883	60299	77	.94490	89278	97396
	+	5	16388 33614		+	5	14057 43854
	-		233 03252		-		233 15962
68	.94444	52271	93913	78	.94496	03336	41250
	+	5	16155 30362		+	5	13824 27892
	-		233 04525		-		233 17229
69	.94449	68427	24275	79	.94501	17160	69142
	+	5	15922 25837		+	5	13591 10663
	-		233 05799		-		233 18497

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

78°	Sine.			78°	Sine.		
80'	.94506	30751	79805	90'	.94557	53835	60306
	+	5	13357 92166		+	5	11025 37628
	-		233 19763		-		233 32398
81	.94511	44109	71971	91	.94562	64860	97934
	+	5	13124 72403		+	5	10792 05230
	-		233 21030		-		233 33659
82	.94516	57234	44374	92	.94567	75653	03164
	+	5	12891 51373		+	5	10558 71571
	-		233 22295		-		233 34918
83	.94521	70125	95747	93	.94572	86211	74735
	+	5	12658 29078		+	5	10325 36653
	-		233 23559		-		233 36178
84	.94526	82784	24825	94	.94577	96537	11388
	+	5	12425 05519		+	5	10092 00475
	-		233 24825		-		233 37436
85	.94531	95209	30344	95	.94583	06629	11863
	+	5	12191 80694		+	5	09858 63039
	-		233 26088		-		233 38694
86	.94537	07401	11038	96	.94588	16487	74902
	+	5	11958 54606		+	5	09625 24345
	-		233 27351		-		233 39952
87	.94542	19359	65644	97	.94593	26112	99247
	+	5	11725 27255		+	5	09391 84393
	-		233 28613		-		233 41208
88	.94547	31084	92899	98	.94598	35504	83640
	+	5	11491 98642		+	5	09158 43185
	-		233 29877		-		233 42465
89	.94552	42576	91541	99	.94603	44663	26825
	+	5	11258 68765		+	5	08925 00720
	-		233 31137		-		233 43720

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

79°	Sine.			79°	Sine.		
00'	.94608	53588	27545	10'	.94659	29997	23209
	+	5 08691	57000		+	5 06356	50857
	-	233 44976			-	233 57496	
01	.94613	62279	84545	11	.94664	36353	74066
	+	5 08458	12024		+	5 06122	93361
	-	233 46231			-	233 58744	
02	.94618	70737	96569	12	.94669	42476	67427
	+	5 08224	65793		+	5 05889	34617
	-	233 47483			-	233 59993	
03	.94623	78962	62362	13	.94674	48366	02044
	+	5 07991	18310		+	5 05655	74624
	-	233 48738			-	233 61240	
04	.94628	86953	80672	14	.94679	54021	76668
	+	5 07757	69572		+	5 05422	13384
	-	233 49991			-	233 62487	
05	.94633	94711	50244	15	.94684	59443	90052
	+	5 07524	19581		+	5 05188	50897
	-	233 51242			-	233 63733	
06	.94639	02235	69825	16	.94689	64632	40949
	+	5 07290	68339		+	5 04954	87164
	-	233 52495			-	233 64980	
07	.94644	09526	38164	17	.94694	69587	28113
	+	5 07057	15844		+	5 04721	22184
	-	233 53745			-	233 66226	
08	.94649	16583	54008	18	.94699	74308	50297
	+	5 06823	62099		+	5 04487	55958
	-	233 54997			-	233 67469	
09	.94654	23407	16107	19	.94704	78796	06255
	+	5 06590	07102		+	5 04253	88489
	-	233 56245			-	233 68714	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

79°	Sine.			79°	Sine.		
20'	.94709	83049	94744	30'	.94760	12733	95360
	+	5 04020	19775		+	5 01682	64332
	-	233 69957			-	233 82363	
21	.94714	87070	14519	31	.94765	14416	59692
	+	5 03786	49818		+	5 01448	81969
	-	233 71201			-	233 83599	
22	.94719	90856	64337	32	.94770	15865	41661
	+	5 03552	78617		+	5 01214	98370
	-	233 72444			-	233 84835	
23	.94724	94409	42954	33	.94775	17080	40031
	+	5 03319	06173		+	5 00981	13535
	-	233 73684			-	233 86073	
24	.94729	97728	49127	34	.94780	18061	53566
	+	5 03085	32489		+	5 00747	27462
	-	233 74926			-	233 87308	
25	.94735	00813	81616	35	.94785	18808	81028
	+	5 02851	57563		+	5 00513	40154
	-	233 76168			-	233 88542	
26	.94740	03665	39179	36	.94790	19322	21182
	+	5 02617	81395		+	5 00279	51612
	-	233 77406			-	233 89778	
27	.94745	06283	20574	37	.94795	19601	72794
	+	5 02384	03989		+	5 00045	61834
	-	233 78648			-	233 91010	
28	.94750	08667	24563	38	.94800	19647	34628
	+	5 02150	25341		+	4 99811	70824
	-	233 79885			-	233 92244	
29	.94755	10817	49904	39	.94805	19459	05452
	+	5 01916	45456		+	4 99577	78580
	-	233 81124			-	233 93477	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

79°	Sine.			79°	Sine.		
40'	.94810	19036	84032	50'	.94860	01946	25505
	+	4 99343	85103		+	4 97003	82666
	-	233 94709			-	234 06998	
41	.94815	18380	69135	51	.94864	98950	08171
	+	4 99109	90394		+	4 96769	75668
	-	233 95940			-	234 08223	
42	.94820	17490	59529	52	.94869	95719	83839
	+	4 98875	94454		+	4 96535	67445
	-	233 97172			-	234 09449	
43	.94825	16366	53983	53	.94874	92255	51284
	+	4 98641	97282		+	4 96301	57996
	-	233 98401			-	234 10674	
44	.94830	15008	51265	54	.94879	88557	09280
	+	4 98407	98881		+	4 96067	47322
	-	233 99631			-	234 11897	
45	.94835	13416	50146	55	.94884	84624	56602
	+	4 98173	99250		+	4 95833	35425
	-	234 00861			-	234 13120	
46	.94840	11590	49396	56	.94889	80457	92027
	+	4 97939	98389		+	4 95599	22305
	-	234 02090			-	234 14345	
47	.94845	09530	47785	57	.94894	76057	14332
	+	4 97705	96299		+	4 95365	07960
	-	234 03316			-	234 15565	
48	.94850	07236	44084	58	.94899	71422	22292
	+	4 97471	92983		+	4 95130	92395
	-	234 04545			-	234 16787	
49	.94855	04708	37067	59	.94904	66553	14687
	+	4 97237	88438		+	4 94896	75608
	-	234 05772			-	234 18010	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

79°	Sine.			79°	Sine.		
60'	.94909	61449	90295	70'	.94958	97535	54694
	+	4	94662 57598		+	4	92320 10478
	-		234 19228		-		234 31403
61	.94914	56112	47893	71	.94963	89855	65172
	+	4	94428 38370		+	4	92085 79075
	-		234 20450		-		234 32617
62	.94919	50540	86263	72	.94968	81941	44247
	+	4	94194 17920		+	4	91851 46458
	-		234 21668		-		234 33830
63	.94924	44735	04183	73	.94973	73792	90705
	+	4	93959 96252		+	4	91617 12628
	-		234 22888		-		234 35043
64	.94929	38695	00435	74	.94978	65410	03333
	+	4	93725 73364		+	4	91382 77585
	-		234 24105		-		234 36257
65	.94934	32420	73799	75	.94983	56792	80918
	+	4	93491 49259		+	4	91148 41328
	-		234 25323		-		234 37467
66	.94939	25912	23058	76	.94988	47941	22246
	+	4	93257 23936		+	4	90914 03861
	-		234 26541		-		234 38680
67	.94944	19169	46994	77	.94993	38855	26107
	+	4	93022 97395		+	4	90679 65181
	-		234 27756		-		234 39889
68	.94949	12192	44389	78	.94998	29534	91288
	+	4	92788 69639		+	4	90445 25292
	-		234 28973		-		234 41100
69	.94954	04981	14028	79	.95003	19980	16580
	+	4	92554 40666		+	4	90210 84192
	-		234 30188		-		234 42310

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

79°	Sine.			79°	Sine.		
80'	.95008	10191	00772	90'	.95056	99404	16380
	+	4	89976 41882		+	4	87631 52390
	-		234 43518		-		234 55577
81	.95013	00167	42654	91	.95061	87035	68770
	+	4	89741 98364		+	4	87396 96813
	-		234 44727		-		234 56778
82	.95017	89909	41018	92	.95066	74432	65583
	+	4	89507 53637		+	4	87162 40035
	-		234 45935		-		234 57981
83	.95022	79416	94655	93	.95071	61595	05618
	+	4	89273 07702		+	4	86927 82054
	-		234 47141		-		234 59183
84	.95027	68690	02357	94	.95076	48522	87672
	+	4	89038 60561		+	4	86693 22871
	-		234 48349		-		234 60383
85	.95032	57728	62918	95	.95081	35216	10543
	+	4	88804 12212		+	4	86458 62488
	-		234 49555		-		234 61584
86	.95037	46532	75130	96	.95086	21674	73031
	+	4	88569 62657		+	4	86224 00904
	-		234 50759		-		234 62782
87	.95042	35102	37787	97	.95091	07898	73935
	+	4	88335 11898		+	4	85989 38122
	-		234 51966		-		234 63983
88	.95047	23437	49685	98	.95095	93888	12057
	+	4	88100 59932		+	4	85754 74139
	-		234 53169		-		234 65181
89	.95052	11538	09617	99	.95100	79642	86196
	+	4	87866 06763		+	4	85520 08958
	-		234 54373		-		234 66379

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

80°	Sine.			80°	Sine.		
00'	.95105	65162	95154	10'	.95154	07455	36515
	+	4 85285	42579		+	4 82938	13029
	-	234 67577			-	234 79518	
01	.95110	50448	37733	11	.95158	90393	49544
	+	4 85050	75002		+	4 82703	33511
	-	234 68772			-	234 80710	
02	.95115	35499	12735	12	.95163	73096	83055
	+	4 84816	06230		+	4 82468	52801
	-	234 69970			-	234 81900	
03	.95120	20315	18965	13	.95168	55565	35856
	+	4 84581	36260		+	4 82233	70901
	-	234 71164			-	234 83089	
04	.95125	04896	55225	14	.95173	37799	06757
	+	4 84346	65096		+	4 81998	87812
	-	234 72361			-	234 84280	
05	.95129	89243	20321	15	.95178	19797	94569
	+	4 84111	92735		+	4 81764	03532
	-	234 73554			-	234 85467	
06	.95134	73355	13056	16	.95183	01561	98101
	+	4 83877	19181		+	4 81529	18065
	-	234 74749			-	234 86656	
07	.95139	57232	32237	17	.95187	83091	16166
	+	4 83642	44432		+	4 81294	31409
	-	234 75942			-	234 87843	
08	.95144	40874	76669	18	.95192	64385	47575
	+	4 83407	68490		+	4 81059	43566
	-	234 77134			-	234 89030	
09	.95149	24282	45159	19	.95197	45444	91141
	+	4 83172	91356		+	4 80824	54536
	-	234 78327			-	234 90218	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

80°	Sine.			80°	Sine.		
20'	.95202	26269	45677	30'	.95250	21593	33644
	+	4	80589 64318		+	4	78239 97028
	-		234 91402		-		235 03229
21	.95207	06859	09995	31	.95254	99833	30672
	+	4	80354 72916		+	4	78004 93799
	-		234 92587		-		235 04408
22	.95211	87213	82911	32	.95259	77838	24471
	+	4	80119 80329		+	4	77769 89391
	-		234 93773		-		235 05588
23	.95216	67333	63240	33	.95264	55608	13862
	+	4	79884 86556		+	4	77534 83803
	-		234 94957		-		235 06764
24	.95221	47218	49796	34	.95269	33142	97665
	+	4	79649 91599		+	4	77299 77039
	-		234 96139		-		235 07943
25	.95226	26868	41395	35	.95274	10442	74704
	+	4	79414 95460		+	4	77064 69096
	-		234 97323		-		235 09121
26	.95231	06283	36855	36	.95278	87507	43800
	+	4	79179 98137		+	4	76829 59975
	-		234 98506		-		235 10296
27	.95235	85463	34992	37	.95283	64337	03775
	+	4	78944 99631		+	4	76594 49679
	-		234 99686		-		235 11473
28	.95240	64408	34623	38	.95288	40931	53454
	+	4	78709 99945		+	4	76359 38206
	-		235 00869		-		235 12647
29	.95245	43118	34568	39	.95293	17290	91660
	+	4	78474 99076		+	4	76124 25559
	-		235 02048		-		235 13823

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

80°	Sine.			80°	Sine.		
40'	.95297	93415	17219	50'	.95345	41723	19001
	+	4 75889	11736		+	4 73537	09023
	-	235 14998			-	235 26707	
41	.95302	69304	28955	51	.95350	15260	28024
	+	4 75653	96738		+	4 73301	82316
	-	235 16169			-	235 27875	
42	.95307	44958	25693	52	.95354	88562	10340
	+	4 75418	80569		+	4 73066	54441
	-	235 17345			-	235 29043	
43	.95312	20377	06262	53	.95359	61628	64781
	+	4 75183	63224		+	4 72831	25398
	-	235 18515			-	235 30208	
44	.95316	95560	69486	54	.95364	34459	90179
	+	4 74948	44709		+	4 72595	95190
	-	235 19688			-	235 31375	
45	.95321	70509	14195	55	.95369	07055	85369
	+	4 74713	25021		+	4 72360	63815
	-	235 20860			-	235 32540	
46	.95326	45222	39216	56	.95373	79416	49184
	+	4 74478	04161		+	4 72125	31275
	-	235 22030			-	235 33706	
47	.95331	19700	43377	57	.95378	51541	80459
	+	4 74242	82131		+	4 71889	97569
	-	235 23199			-	235 34870	
48	.95335	93943	25508	58	.95383	23431	78028
	+	4 74007	58932		+	4 71654	62699
	-	235 24371			-	235 36032	
49	.95340	67950	84440	59	.95387	95086	40727
	+	4 73772	34561		+	4 71419	26667
	-	235 25538			-	235 37198	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

80°	Sine.			80°	Sine.		
60'	.95392	66505	67394	70'	.95439	67750	96603
	+	4	71183 89469		+	4	68829 53656
	-		235 38359		-		235 49954
61	.95397	37689	56863	71	.95444	36580	50259
	+	4	70948 51110		+	4	68594 03702
	-		235 39521		-		235 51108
62	.95402	08638	07973	72	.95449	05174	53961
	+	4	70713 11589		+	4	68358 52594
	-		235 40683		-		235 52266
63	.95406	79351	19562	73	.95453	73533	06555
	+	4	70477 70906		+	4	68123 00328
	-		235 41843		-		235 53420
64	.95411	49828	90468	74	.95458	41656	06883
	+	4	70242 29063		+	4	67887 46908
	-		235 43004		-		235 54575
65	.95416	20071	19531	75	.95463	09543	53791
	+	4	70006 86059		+	4	67651 92333
	-		235 44163		-		235 55728
66	.95420	90078	05590	76	.95467	77195	46124
	+	4	69771 41896		+	4	67416 36605
	-		235 45324		-		235 56882
67	.95425	59849	47486	77	.95472	44611	82729
	+	4	69535 96572		+	4	67180 79723
	-		235 46480		-		235 58034
68	.95430	29385	44058	78	.95477	11792	62452
	+	4	69300 50092		+	4	66945 21689
	-		235 47639		-		235 59187
69	.95434	98685	94150	79	.95481	78737	84141
	+	4	69065 02453		+	4	66709 62502
	-		235 48797		-		235 60338

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

80°	Sine.			80°	Sine.		
80'	.95486	45447	46643	90'	.95532	99583	63339
	+	4 66474	02164		+	4 64117	35574
	-	235	61490		-	235	72968
81	.95491	11921	48807	91	.95537	63700	98913
	+	4 66238	40674		+	4 63881	62606
	-	235	62639		-	235	74111
82	.95495	78159	89481	92	.95542	27582	61519
	+	4 66002	78035		+	4 63645	88495
	-	235	63790		-	235	75256
83	.95500	44162	67516	93	.95546	91228	50014
	+	4 65767	14245		+	4 63410	13239
	-	235	64938		-	235	76399
84	.95505	09929	81761	94	.95551	54638	63253
	+	4 65531	49307		+	4 63174	36840
	-	235	66088		-	235	77541
85	.95509	75461	31068	95	.95556	17813	00093
	+	4 65295	83219		+	4 62938	59299
	-	235	67234		-	235	78685
86	.95514	40757	14287	96	.95560	80751	59392
	+	4 65060	15985		+	4 62702	80614
	-	235	68384		-	235	79826
87	.95519	05817	30272	97	.95565	43454	40006
	+	4 64824	47601		+	4 62467	00788
	-	235	69530		-	235	80966
88	.95523	70641	77873	98	.95570	05921	40794
	+	4 64588	78071		+	4 62231	19822
	-	235	70676		-	235	82108
89	.95528	35230	55944	99	.95574	68152	60616
	+	4 64353	07395		+	4 61995	37714
	-	235	71821		-	235	83247

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

81 ^c	Sine.			81 ^c	Sine.		
00'	.95579	30147	98330	10'	.95625	37129	09069
	+	4	61759 54467		+	4	59400 59426
	-		235 84387		-		235 95748
01	.95583	91907	52797	11	.95629	96529	68495
	+	4	61523 70080		+	4	59164 63678
	-		235 85525		-		235 96882
02	.95588	53431	22877	12	.95634	55694	32173
	+	4	61287 84555		+	4	58928 66796
	-		235 86664		-		235 98013
03	.95593	14719	07432	13	.95639	14622	98969
	+	4	61051 97891		+	4	58692 68783
	-		235 87801		-		235 99145
04	.95597	75771	05323	14	.95643	73315	67752
	+	4	60816 10090		+	4	58456 69638
	-		235 88938		-		236 00276
05	.95602	36587	15413	15	.95648	31772	37390
	+	4	60580 21152		+	4	58220 69362
	-		235 90075		-		236 01408
06	.95606	97167	36565	16	.95652	89993	06752
	+	4	60344 31077		+	4	57984 67954
	-		235 91211		-		236 02536
07	.95611	57511	67642	17	.95657	47977	74706
	+	4	60108 39866		+	4	57748 65418
	-		235 92345		-		236 03667
08	.95616	17620	07508	18	.95662	05726	40124
	+	4	59872 47521		+	4	57512 61751
	-		235 93481		-		236 04796
09	.95620	77492	55029	19	.95666	63239	01875
	+	4	59636 54040		+	4	57276 56955
	-		235 94614		-		236 05923

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

81 ^c	Sine.			81 ^c	Sine.		
20'	.95671	20515	58830	30'	.95716	80296	16708
	+	4	57040 51032		+	4	54679 29868
	-		236 07051		-		236 18296
21	.95675	77556	09862	31	.95721	34975	46576
	+	4	56804 43981		+	4	54443 11572
	-		236 08179		-		236 19418
22	.95680	34360	53843	32	.95725	89418	58148
	+	4	56568 35802		+	4	54206 92154
	-		236 09304		-		236 20538
23	.95684	90928	89645	33	.95730	43625	50302
	+	4	56332 26498		+	4	53970 71616
	-		236 10432		-		236 21658
24	.95689	47261	16143	34	.95734	97596	21918
	+	4	56096 16066		+	4	53734 49958
	-		236 11556		-		236 22779
25	.95694	03357	32209	35	.95739	51330	71876
	+	4	55860 04510		+	4	53498 27179
	-		236 12681		-		236 23896
26	.95698	59217	36719	36	.95744	04828	99055
	+	4	55623 91829		+	4	53262 03283
	-		236 13806		-		236 25016
27	.95703	14841	28548	37	.95748	58091	02338
	+	4	55387 78023		+	4	53025 78267
	-		236 14928		-		236 26133
28	.95707	70229	06571	38	.95753	11116	80605
	+	4	55151 63095		+	4	52789 52134
	-		236 16053		-		236 27251
29	.95712	25380	69666	39	.95757	63906	32739
	+	4	54915 47042		+	4	52553 24883
	-		236 17174		-		236 28366

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

81°	Sine.			81°	Sine.		
40'	.95762	16459	57622	50'	.95807	28994	62319
	+	4	52316 96517		+	4	49953 51561
	-		236 29484		-		236 40612
41	.95766	68776	54139	51	.95811	78948	13880
	+	4	52080 67033		+	4	49717 10949
	-		236 30597		-		236 41721
42	.95771	20857	21172	52	.95816	28665	24829
	+	4	51844 36436		+	4	49480 69228
	-		236 31715		-		236 42831
43	.95775	72701	57608	53	.95820	78145	94057
	+	4	51608 04721		+	4	49244 26397
	-		236 32827		-		236 43937
44	.95780	24309	62329	54	.95825	27390	20454
	+	4	51371 71894		+	4	49007 82460
	-		236 33941		-		236 45048
45	.95784	75681	34223	55	.95829	76398	02914
	+	4	51135 37953		+	4	48771 37412
	-		236 35055		-		236 46152
46	.95789	26816	72176	56	.95834	25169	40326
	+	4	50899 02898		+	4	48534 91260
	-		236 36167		-		236 47262
47	.95793	77715	75074	57	.95838	73704	31586
	+	4	50662 66731		+	4	48298 43998
	-		236 37278		-		236 48366
48	.95798	28378	41805	58	.95843	22002	75584
	+	4	50426 29453		+	4	48061 95632
	-		236 38392		-		236 49472
49	.95802	78804	71258	59	.95847	70064	71216
	+	4	50189 91061		+	4	47825 46160
	-		236 39500		-		236 50577

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

81 ^c	Sine.			81 ^c	Sine.		
60'	.95852	17890	17376	70'	.95896	83135	15202
	+	4 47588	95583		+	4 45223	29167
	-	236	51682		-	236	62694
61	.95856	65479	12959	71	.95901	28358	44369
	+	4 47352	43901		+	4 44986	66473
	-	236	52785		-	236	63790
62	.95861	12831	56860	72	.95905	73345	10842
	+	4 47115	91116		+	4 44750	02683
	-	236	53889		-	236	64889
63	.95865	59947	47976	73	.95910	18095	13525
	+	4 46879	37227		+	4 44513	37794
	-	236	54991		-	236	65986
64	.95870	06826	85203	74	.95914	62608	51319
	+	4 46642	82236		+	4 44276	71808
	-	236	56093		-	236	67081
65	.95874	53469	67439	75	.95919	06885	23127
	+	4 46406	26143		+	4 44040	04727
	-	236	57194		-	236	68177
66	.95878	99875	93582	76	.95923	50925	27854
	+	4 46169	68949		+	4 43803	36550
	-	236	58296		-	236	69272
67	.95883	46045	62531	77	.95927	94728	64404
	+	4 45933	10653		+	4 43566	67278
	-	236	59396		-	236	70368
68	.95887	91978	73184	78	.95932	38295	31682
	+	4 45696	51257		+	4 43329	96910
	-	236	60496		-	236	71459
69	.95892	37675	24441	79	.95936	81625	28592
	+	4 45459	90761		+	4 43093	25451
	-	236	61594		-	236	72555

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

81 ^c	Sine.			81 ^c	Sine.		
80'	.95941	24718	54043	90'	.95985	42629	37982
	+	4	42856 52896		+	4	40488 67355
	-		236 73646		-		236 84540
81	.95945	67575	06939	91	.95989	83118	05337
	+	4	42619 79250		+	4	40251 82815
	-		236 74738		-		236 85629
82	.95950	10194	86189	92	.95994	23369	88152
	+	4	42383 04512		+	4	40014 97186
	-		236 75831		-		236 86713
83	.95954	52577	90701	93	.95998	63384	85338
	+	4	42146 28681		+	4	39778 10473
	-		236 76921		-		236 87798
84	.95958	94724	19382	94	.96003	03162	95811
	+	4	41909 51760		+	4	39541 22675
	-		236 78012		-		236 88883
85	.95963	36633	71142	95	.96007	42704	18486
	+	4	41672 73748		+	4	39304 33792
	-		236 79101		-		236 89968
86	.95967	78306	44890	96	.96011	82008	52278
	+	4	41435 94647		+	4	39067 43824
	-		236 80190		-		236 91050
87	.95972	19742	39537	97	.96016	21075	96102
	+	4	41199 14457		+	4	38830 52774
	-		236 81280		-		236 92133
88	.95976	60941	53994	98	.96020	59906	48876
	+	4	40962 33177		+	4	38593 60641
	-		236 82366		-		236 93215
89	.95981	01903	87171	99	.96024	98500	09517
	+	4	40725 50811		+	4	38356 67426
	-		236 83456		-		236 94297

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

82°	Sine.			82°	Sine.		
00'	.96029	36856	76943	10'	.96073	07389	86695
	+	4 38119	73129		+	4 35749	70800
	-	236	95378		-	237	06156
01	.96033	74976	50072	11	.96077	43139	57495
	+	4 37882	77751		+	4 35512	64644
	-	236	96459		-	237	07230
02	.96038	12859	27823	12	.96081	78652	22139
	+	4 37645	81292		+	4 35275	57414
	-	236	97537		-	237	08305
03	.96042	50505	09115	13	.96086	13927	79553
	+	4 37408	83755		+	4 35038	49109
	-	236	98619		-	237	09378
04	.96046	87913	92870	14	.96090	48966	28662
	+	4 37171	85136		+	4 34801	39731
	-	236	99695		-	237	10450
05	.96051	25085	78006	15	.96094	83767	68393
	+	4 36934	85441		+	4 34564	29281
	-	237	00775		-	237	11524
06	.96055	62020	63447	16	.96099	18331	97674
	+	4 36697	84666		+	4 34327	17757
	-	237	01851		-	237	12594
07	.96059	98718	48113	17	.96103	52659	15431
	+	4 36460	82815		+	4 34090	05163
	-	237	02929		-	237	13666
08	.96064	35179	30928	18	.96107	86749	20594
	+	4 36223	79886		+	4 33852	91497
	-	237	04005		-	237	14736
09	.96068	71403	10814	19	.96112	20602	12091
	+	4 35986	75881		+	4 33615	76761
	-	237	05081		-	237	15806

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

82°	Sine.			82°	Sine.		
20'	.96116	54217	88852	30'	.96159	77330	10877
	+	4 33378	60955		+	4 31006	44177
	-	237 16876			-	237 27536	
21	.96120	87596	49807	31	.96164	08336	55054
	+	4 33141	44079		+	4 30769	16641
	-	237 17944			-	237 28599	
22	.96125	20737	93886	32	.96168	39105	71695
	+	4 32904	26135		+	4 30531	88042
	-	237 19013			-	237 29663	
23	.96129	53642	20021	33	.96172	69637	59737
	+	4 32667	07122		+	4 30294	58379
	-	237 20079			-	237 30722	
24	.96133	86309	27143	34	.96176	99932	18116
	+	4 32429	87043		+	4 30057	27657
	-	237 21147			-	237 31785	
25	.96138	18739	14186	35	.96181	29989	45773
	+	4 32192	65896		+	4 29819	95872
	-	237 22214			-	237 32845	
26	.96142	50931	80082	36	.96185	59809	41645
	+	4 31955	43682		+	4 29582	63027
	-	237 23278			-	237 33905	
27	.96146	82887	23764	37	.96189	89392	04672
	+	4 31718	20404		+	4 29345	29122
	-	237 24345			-	237 34965	
28	.96151	14605	44168	38	.96194	18737	33794
	+	4 31480	96059		+	4 29107	94157
	-	237 25409			-	237 36022	
29	.96155	46086	40227	39	.96198	47845	27951
	+	4 31243	70650		+	4 28870	58135
	-	237 26473			-	237 37082	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

82°	Sine.			82°	Sine.		
40'	.96202	76715	86086	50'	.96245	52364	53647
	+	4 28633	21053		+	4 26258	92169
	-	237 38139			-	237 48684	
41	.96207	05349	07139	51	.96249	78623	45816
	+	4 28395	82914		+	4 26021	43485
	-	237 39195			-	237 49733	
42	.96211	33744	90053	52	.96254	04644	89301
	+	4 28158	43719		+	4 25783	93752
	-	237 40253			-	237 50785	
43	.96215	61903	33772	53	.96258	30428	83053
	+	4 27921	03466		+	4 25546	42967
	-	237 41308			-	237 51835	
44	.96219	89824	37238	54	.96262	55975	26020
	+	4 27683	62158		+	4 25308	91132
	-	237 42364			-	237 52883	
45	.96224	17507	99396	55	.96266	81284	17152
	+	4 27446	19794		+	4 25071	38249
	-	237 43418			-	237 53934	
46	.96228	44954	19190	56	.96271	06355	55401
	+	4 27208	76376		+	4 24833	84315
	-	237 44472			-	237 54980	
47	.96232	72162	95566	57	.96275	31189	39716
	+	4 26971	31904		+	4 24596	29335
	-	237 45526			-	237 56029	
48	.96236	99134	27470	58	.96279	55785	69051
	+	4 26733	86378		+	4 24358	73306
	-	237 46579			-	237 57075	
49	.96241	25868	13848	59	.96283	80144	42357
	+	4 26496	39799		+	4 24121	16231
	-	237 47630			-	237 58123	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

82°	Sine.			82°	Sine.		
60'	.96288	04265	58588	70'	.96330	32408	51792
	+	4	23883 58108		+	4	21507 19460
	-		237 59168		-		237 69596
61	.96292	28149	16696	71	.96334	53915	71252
	+	4	23645 98940		+	4	21269 49864
	-		237 60213		-		237 70634
62	.96296	51795	15636	72	.96338	75185	21116
	+	4	23408 38727		+	4	21031 79230
	-		237 61259		-		237 71673
63	.96300	75203	54363	73	.96342	96217	00346
	+	4	23170 77468		+	4	20794 07557
	-		237 62301		-		237 72711
64	.96304	98374	31831	74	.96347	17011	07903
	+	4	22933 15167		+	4	20556 34846
	-		237 63347		-		237 73749
65	.96309	21307	46998	75	.96351	37567	42749
	+	4	22695 51820		+	4	20318 61097
	-		237 64388		-		237 74787
66	.96313	44002	98818	76	.96355	57886	03846
	+	4	22457 87432		+	4	20080 86310
	-		237 65431		-		237 75822
67	.96317	66460	86250	77	.96359	77966	90156
	+	4	22220 22001		+	4	19843 10488
	-		237 66473		-		237 76858
68	.96321	88681	08251	78	.96363	97810	00644
	+	4	21982 55528		+	4	19605 33630
	-		237 67515		-		237 77894
69	.96326	10663	63779	79	.96368	17415	34274
	+	4	21744 88013		+	4	19367 55736
	-		237 68553		-		237 78929

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

82°	Sine.			82°	Sine.		
80'	.96372	36782	90010	90'	.96414	17378	35852
	+	4	19129 76807		+	4	16751 30739
	-		237 79963		-		237 90272
81	.96376	55912	66817	91	.96418	34129	66591
	+	4	18891 96844		+	4	16513 40467
	-		237 80996		-		237 91300
82	.96380	74804	63661	92	.96422	50643	07058
	+	4	18654 15848		+	4	16275 49167
	-		237 82029		-		237 92326
83	.96384	93458	79509	93	.96426	66918	56225
	+	4	18416 33819		+	4	16037 56841
	-		237 83062		-		237 93354
84	.96389	11875	13328	94	.96430	82956	13066
	+	4	18178 50757		+	4	15799 63487
	-		237 84093		-		237 94380
85	.96393	30053	64085	95	.96434	98755	76553
	+	4	17940 66664		+	4	15561 69107
	-		237 85126		-		237 95404
86	.96397	47994	30749	96	.96439	14317	45660
	+	4	17702 81538		+	4	15323 73703
	-		237 86154		-		237 96430
87	.96401	65697	12287	97	.96443	29641	19363
	+	4	17464 95384		+	4	15085 77273
	-		237 87186		-		237 97453
88	.96405	83162	07671	98	.96447	44726	96636
	+	4	17227 08198		+	4	14847 79820
	-		237 88215		-		237 98478
89	.96410	00389	15869	99	.96451	59574	76456
	+	4	16989 19983		+	4	14609 81342
	-		237 89244		-		237 99500

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

83 ^c	Sine.			83 ^c	Sine.		
00'	.96455	74184	57798	10'	.96497	07191	30198
	+	4 14371	81842		+	4 11991	30703
	-	238 00523			-	238 10715	
01	.96459	88556	39640	11	.96501	19182	60901
	+	4 14133	81319		+	4 11753	19988
	-	238 01544			-	238 11731	
02	.96464	02690	20959	12	.96505	30935	80889
	+	4 13895	79775		+	4 11515	08257
	-	238 02566			-	238 12745	
03	.96468	16586	00734	13	.96509	42450	89146
	+	4 13657	77209		+	4 11276	95512
	-	238 03587			-	238 13762	
04	.96472	30243	77943	14	.96513	53727	84658
	+	4 13419	73622		+	4 11038	81750
	-	238 04606			-	238 14774	
05	.96476	43663	51565	15	.96517	64766	66408
	+	4 13181	69016		+	4 10800	66976
	-	238 05626			-	238 15789	
06	.96480	56845	20581	16	.96521	75567	33384
	+	4 12943	63390		+	4 10562	51187
	-	238 06645			-	238 16801	
07	.96484	69788	83971	17	.96525	86129	84571
	+	4 12705	56745		+	4 10324	34386
	-	238 07663			-	238 17815	
08	.96488	82494	40716	18	.96529	96454	18957
	+	4 12467	49082		+	4 10086	16571
	-	238 08682			-	238 18825	
09	.96492	94961	89798	19	.96534	06540	35528
	+	4 12229	40400		+	4 09847	97746
	-	238 09697			-	238 19838	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

83 ^c	Sine.			83 ^c	Sine.		
20'	.96538	16388	33274	30'	.96579	01765	53121
	+	4 09609	77908		+	4 07227	24048
	-	238 20847			-	238 30923	
21	.96542	25998	11182	31	.96583	08992	77169
	+	4 09371	57061		+	4 06988	93125
	-	238 21858			-	238 31926	
22	.96546	35369	68243	32	.96587	15981	70294
	+	4 09133	35203		+	4 06750	61199
	-	238 22868			-	238 32931	
23	.96550	44503	03446	33	.96591	22732	31493
	+	4 08895	12335		+	4 06512	28268
	-	238 23875			-	238 33932	
24	.96554	53398	15781	34	.96595	29244	59761
	+	4 08656	88460		+	4 06273	94336
	-	238 24886			-	238 34936	
25	.96558	62055	04241	35	.96599	35518	54097
	+	4 08418	63574		+	4 06035	59400
	-	238 25892			-	238 35937	
26	.96562	70473	67815	36	.96603	41554	13497
	+	4 08180	37682		+	4 05797	23463
	-	238 26899			-	238 36939	
27	.96566	78654	05497	37	.96607	47351	36960
	+	4 07942	10783		+	4 05558	86524
	-	238 27906			-	238 37939	
28	.96570	86596	16280	38	.96611	52910	23484
	+	4 07703	82877		+	4 05320	48585
	-	238 28913			-	238 38939	
29	.96574	94299	99157	39	.96615	58230	72069
	+	4 07465	53964		+	4 05082	09646
	-	238 29916			-	238 39940	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

83°	Sine.			83°	Sine.		
40'	.96619	63312	81715	50'	.96660	01020	16907
	+	4 04843	69706		+	4 02459	15475
	-	238 40937			-	238 50894	
41	.96623	68156	51421	51	.96664	03479	32382
	+	4 04605	28769		+	4 02220	64581
	-	238 41936			-	238 51887	
42	.96627	72761	80190	52	.96668	05699	96963
	+	4 04366	86833		+	4 01982	12694
	-	238 42934			-	238 52880	
43	.96631	77128	67023	53	.96672	07682	09657
	+	4 04128	43899		+	4 01743	59814
	-	238 43930			-	238 53869	
44	.96635	81257	10922	54	.96676	09425	69471
	+	4 03889	99969		+	4 01505	05945
	-	238 44929			-	238 54861	
45	.96639	85147	10891	55	.96680	10930	75416
	+	4 03651	55040		+	4 01266	51084
	-	238 45923			-	238 55851	
46	.96643	88798	65931	56	.96684	12197	26500
	+	4 03413	09117		+	4 01027	95233
	-	238 46919			-	238 56840	
47	.96647	92211	75048	57	.96688	13225	21733
	+	4 03174	62198		+	4 00789	38393
	-	238 47913			-	238 57830	
48	.96651	95386	37246	58	.96692	14014	60126
	+	4 02936	14285		+	4 00550	80563
	-	238 48909			-	238 58817	
49	.96655	98322	51531	59	.96696	14565	40689
	+	4 02697	65376		+	4 00312	21746
	-	238 49901			-	238 59805	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

83°	Sine.			83°	Sine.		
60'	.96700	14877	62435	70'	.96740	04875	27919
	+	4 00073	61941		+	3 97687	09691
	-	238 60793			-	238 70630	
61	.96704	14951	24376	71	.96744	02562	37610
	+	3 99835	01148		+	3 97448	39061
	-	238 61779			-	238 71613	
62	.96708	14786	25524	72	.96748	00010	76671
	+	3 99596	39369		+	3 97209	67448
	-	238 62765			-	238 72592	
63	.96712	14382	64893	73	.96751	97220	44119
	+	3 99357	76604		+	3 96970	94856
	-	238 63750			-	238 73571	
64	.96716	13740	41497	74	.96755	94191	38975
	+	3 99119	12854		+	3 96732	21285
	-	238 64735			-	238 74551	
65	.96720	12859	54351	75	.96759	90923	60260
	+	3 98880	48119		+	3 96493	46734
	-	238 65720			-	238 75530	
66	.96724	11740	02470	76	.96763	87417	06994
	+	3 98641	82399		+	3 96254	71204
	-	238 66702			-	238 76505	
67	.96728	10381	84869	77	.96767	83671	78198
	+	3 98403	15697		+	3 96015	94699
	-	238 67687			-	238 77485	
68	.96732	08785	00566	78	.96771	79687	72897
	+	3 98164	48010		+	3 95777	17214
	-	238 68667			-	238 78460	
69	.96736	06949	48576	79	.96775	75464	90111
	+	3 97925	79343		+	3 95538	38754
	-	238 69652			-	238 79436	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

83 ^c	Sine.			83 ^c	Sine.		
80'	.96779	71003	28865	90'	.96819	13251	86673
	+	3 95299	59318		+	3 92911	11408
	-	238	80411		-	238	90133
81	.96783	66302	88183	91	.96823	06162	98081
	+	3 95060	78907		+	3 92672	21275
	-	238	81387		-	238	91102
82	.96787	61363	67090	92	.96826	98835	19356
	+	3 94821	97520		+	3 92433	30173
	-	238	82361		-	238	92070
83	.96791	56185	64610	93	.96830	91268	49529
	+	3 94583	15159		+	3 92194	38103
	-	238	83334		-	238	93037
84	.96795	50768	79769	94	.96834	83462	87632
	+	3 94344	31825		+	3 91955	45066
	-	238	84307		-	238	94006
85	.96799	45113	11594	95	.96838	75418	32698
	+	3 94105	47518		+	3 91716	51060
	-	238	85279		-	238	94970
86	.96803	39218	59112	96	.96842	67134	83758
	+	3 93866	62239		+	3 91477	56090
	-	238	86252		-	238	95938
87	.96807	33085	21351	97	.96846	58612	39848
	+	3 93627	75987		+	3 91238	60152
	-	238	87223		-	238	96903
88	.96811	26712	97338	98	.96850	49851	00000
	+	3 93388	88764		+	3 90999	63249
	-	238	88193		-	238	97867
89	.96815	20101	86102	99	.96854	40850	63249
	+	3 93150	00571		+	3 90760	65382
	-	238	89163		-	238	98831

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

84 ^c	Sine.			84 ^c	Sine.		
00'	.96858	31611	28631	10'	.96897	26071	87923
	+	3 90521	66551		+	3 88131	25336
	-	238	99796		-	239	09398
01	.96862	22132	95182	11	.96901	14203	13259
	+	3 90282	66755		+	3 87892	15938
	-	239	00758		-	239	10356
02	.96866	12415	61937	12	.96905	02095	29197
	+	3 90043	65997		+	3 87653	05582
	-	239	01720		-	239	11312
03	.96870	02459	27934	13	.96908	89748	34779
	+	3 89804	64277		+	3 87413	94270
	-	239	02682		-	239	12268
04	.96873	92263	92211	14	.96912	77162	29049
	+	3 89565	61595		+	3 87174	82002
	-	239	03644		-	239	13223
05	.96877	81829	53806	15	.96916	64337	11051
	+	3 89326	57951		+	3 86935	68779
	-	239	04604		-	239	14177
06	.96881	71156	11757	16	.96920	51272	79830
	+	3 89087	53347		+	3 86696	54602
	-	239	05564		-	239	15133
07	.96885	60243	65104	17	.96924	37969	34432
	+	3 88848	47783		+	3 86457	39469
	-	239	06524		-	239	16086
08	.96889	49092	12887	18	.96928	24426	73901
	+	3 88609	41259		+	3 86218	23383
	-	239	07482		-	239	17038
09	.96893	37701	54146	19	.96932	10644	97284
	+	3 88370	33777		+	3 85979	06345
	-	239	08441		-	239	17991

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

84 ^c	Sine.			84 ^c	Sine.		
20'	.96935	96624	03629	30'	.96974	43258	20730
	+	3 85739	88354		+	3 83347	56194
	-	239 18942			-	239 28427	
21	.96939	82363	91983	31	.96978	26605	76924
	+	3 85500	69412		+	3 83108	27767
	-	239 19895			-	239 29374	
22	.96943	67864	61395	32	.96982	09714	04691
	+	3 85261	49517		+	3 82868	98393
	-	239 20844			-	239 30318	
23	.96947	53126	10912	33	.96985	92583	03084
	+	3 85022	28673		+	3 82629	68075
	-	239 21794			-	239 31261	
24	.96951	38148	39585	34	.96989	75212	71159
	+	3 84783	06879		+	3 82390	36814
	-	239 22745			-	239 32207	
25	.96955	22931	46464	35	.96993	57603	07973
	+	3 84543	84134		+	3 82151	04607
	-	239 23692			-	239 33147	
26	.96959	07475	30598	36	.96997	39754	12580
	+	3 84304	60442		+	3 81911	71460
	-	239 24641			-	239 34092	
27	.96962	91779	91040	37	.97001	21665	84040
	+	3 84065	35801		+	3 81672	37368
	-	239 25589			-	239 35032	
28	.96966	75845	26841	38	.97005	03338	21408
	+	3 83826	10212		+	3 81433	02336
	-	239 26535			-	239 35974	
29	.96970	59671	37053	39	.97008	84771	23744
	+	3 83586	83677		+	3 81193	66362
	-	239 27483			-	239 36914	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

84 ^c	Sine.			84 ^c	Sine.		
40'	.97012	65964	90106	50'	.97050	64734	68542
	+	3 80954	29448		+	3 78560	08705
	-	239 37855			-	239 47222	
41	.97016	46919	19554	51	.97054	43294	77247
	+	3 80714	91593		+	3 78320	61483
	-	239 38793			-	239 48155	
42	.97020	27634	11147	52	.97058	21615	38730
	+	3 80475	52800		+	3 78081	13328
	-	239 39732			-	239 49088	
43	.97024	08109	63947	53	.97061	99696	52058
	+	3 80236	13068		+	3 77841	64240
	-	239 40671			-	239 50019	
44	.97027	88345	77015	54	.97065	77538	16298
	+	3 79996	72397		+	3 77602	14221
	-	239 41608			-	239 50953	
45	.97031	68342	49412	55	.97069	55140	30519
	+	3 79757	30789		+	3 77362	63268
	-	239 42546			-	239 51882	
46	.97035	48099	80201	56	.97073	32502	93787
	+	3 79517	88243		+	3 77123	11386
	-	239 43481			-	239 52814	
47	.97039	27617	68444	57	.97077	09626	05173
	+	3 79278	44762		+	3 76883	58572
	-	239 44417			-	239 53742	
48	.97043	06896	13206	58	.97080	86509	63745
	+	3 79039	00345		+	3 76644	04830
	-	239 45354			-	239 54674	
49	.97046	85935	13551	59	.97084	63153	68575
	+	3 78799	54991		+	3 76404	50156
	-	239 46286			-	239 55601	

84 ^c	Sine.			84 ^c	Sine.		
60'	.97088	39558	18731	70'	.97125	90426	09271
	+	3 76164	94555		+	3 73768	87591
	-	239 56529			-	239 65779	
61	.97092	15723	13286	71	.97129	64194	96862
	+	3 75925	38026		+	3 73529	21812
	-	239 57458			-	239 66699	
62	.97095	91648	51312	72	.97133	37724	18674
	+	3 75685	80568		+	3 73289	55113
	-	239 58383			-	239 67622	
63	.97099	67334	31880	73	.97137	11013	73787
	+	3 75446	22185		+	3 73049	87491
	-	239 59311			-	239 68542	
64	.97103	42780	54065	74	.97140	84063	61278
	+	3 75206	62874		+	3 72810	18949
	-	239 60236			-	239 69461	
65	.97107	17987	16939	75	.97144	56873	80227
	+	3 74967	02638		+	3 72570	49488
	-	239 61162			-	239 70381	
66	.97110	92954	19577	76	.97148	29444	29715
	+	3 74727	41476		+	3 72330	79107
	-	239 62085			-	239 71300	
67	.97114	67681	61053	77	.97152	01775	08822
	+	3 74487	79391		+	3 72091	07807
	-	239 63011			-	239 72217	
68	.97118	42169	40444	78	.97155	73866	16629
	+	3 74248	16380		+	3 71851	35590
	-	239 63933			-	239 73135	
69	.97122	16417	56824	79	.97159	45717	52219
	+	3 74008	52447		+	3 71611	62455
	-	239 64856			-	239 74052	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

84 ^c	Sine.			84 ^c	Sine.		
80'	.97163	17329	14674	90'	.97200	20258	15363
	+	3	71371 88403		+	3	68973 97582
	-		239 74969		-		239 84099
81	.97166	88701	03077	91	.97203	89232	12945
	+	3	71132 13434		+	3	68734 13483
	-		239 75884		-		239 85008
82	.97170	59833	16511	92	.97207	57966	26428
	+	3	70892 37550		+	3	68494 28475
	-		239 76798		-		239 85919
83	.97174	30725	54061	93	.97211	26460	54903
	+	3	70652 60752		+	3	68254 42556
	-		239 77715		-		239 86826
84	.97178	01378	14813	94	.97214	94714	97459
	+	3	70412 83037		+	3	68014 55730
	-		239 78627		-		239 87735
85	.97181	71790	97850	95	.97218	62729	53189
	+	3	70173 04410		+	3	67774 67995
	-		239 79542		-		239 88642
86	.97185	41964	02260	96	.97222	30504	21184
	+	3	69933 24868		+	3	67534 79353
	-		239 80453		-		239 89549
87	.97189	11897	27128	97	.97225	98039	00537
	+	3	69693 44415		+	3	67294 89804
	-		239 81366		-		239 90456
88	.97192	81590	71543	98	.97229	65333	90341
	+	3	69453 63049		+	3	67054 99348
	-		239 82278		-		239 91360
89	.97196	51044	34592	99	.97233	32388	89689
	+	3	69213 80771		+	3	66815 07988
	-		239 83189		-		239 92267

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

85 ^c	Sine.			85 ^c	Sine.		
00'	.97236	99203	97677	10'	.97273	54157	53872
	+	3 66575	15721		+	3 64175	43412
	-	239	93170		-	240	02183
01	.97240	65779	13398	11	.97277	18332	97284
	+	3 66335	22551		+	3 63935	41229
	-	239	94075		-	240	03081
02	.97244	32114	35949	12	.97280	82268	38513
	+	3 66095	28476		+	3 63695	38148
	-	239	94977		-	240	03979
03	.97247	98209	64425	13	.97284	45963	76661
	+	3 65855	33499		+	3 63455	34169
	-	239	95881		-	240	04874
04	.97251	64064	97924	14	.97288	09419	10830
	+	3 65615	37618		+	3 63215	29295
	-	239	96782		-	240	05772
05	.97255	29680	35542	15	.97291	72634	40125
	+	3 65375	40836		+	3 62975	23523
	-	239	97685		-	240	06666
06	.97258	95055	76378	16	.97295	35609	63648
	+	3 65135	43151		+	3 62735	16857
	-	239	98585		-	240	07562
07	.97262	60191	19529	17	.97298	98344	80505
	+	3 64895	44566		+	3 62495	09295
	-	239	99485		-	240	08457
08	.97266	25086	64095	18	.97302	60839	89800
	+	3 64655	45081		+	3 62255	00838
	-	240	00385		-	240	09349
09	.97269	89742	09176	19	.97306	23094	90638
	+	3 64415	44696		+	3 62014	91489
	-	240	01284		-	240	10244

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

85 ^c	Sine.			85 ^c	Sine.		
20'	.97309	85109	82127	30'	.97345	92051	86538
	+	3 61774	81245		+	3 59373	29814
	-	240 11136			-	240 20029	
21	.97313	46884	63372	31	.97349	51425	16352
	+	3 61534	70109		+	3 59133	09785
	-	240 12028			-	240 20917	
22	.97317	08419	33481	32	.97353	10558	26137
	+	3 61294	58081		+	3 58892	88868
	-	240 12919			-	240 21801	
23	.97320	69713	91562	33	.97356	69451	15005
	+	3 61054	45162		+	3 58652	67067
	-	240 13811			-	240 22686	
24	.97324	30768	36724	34	.97360	28103	82072
	+	3 60814	31351		+	3 58412	44381
	-	240 14700			-	240 23571	
25	.97327	91582	68075	35	.97363	86516	26453
	+	3 60574	16651		+	3 58172	20810
	-	240 15591			-	240 24455	
26	.97331	52156	84726	36	.97367	44688	47263
	+	3 60334	01060		+	3 57931	96355
	-	240 16479			-	240 25337	
27	.97335	12490	85786	37	.97371	02620	43618
	+	3 60093	84581		+	3 57691	71018
	-	240 17368			-	240 26220	
28	.97338	72584	70367	38	.97374	60312	14636
	+	3 59853	67213		+	3 57451	44798
	-	240 18255			-	240 27103	
29	.97342	32438	37580	39	.97378	17763	59434
	+	3 59613	48958		+	3 57211	17695
	-	240 19144			-	240 27983	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

85 ^c	Sine.			85 ^c	Sine.		
40'	.97381	74974	77129	50'	.97417	33869	69849
	+	3 56970	89712		+	3 54567	61530
	-	240 28865			-	240 37639	
41	.97385	31945	66841	51	.97420	88437	31379
	+	3 56730	60847		+	3 54327	23891
	-	240 29744			-	240 38515	
42	.97388	88676	27688	52	.97424	42764	55270
	+	3 56490	31103		+	3 54086	85376
	-	240 30625			-	240 39387	
43	.97392	45166	58791	53	.97427	96851	40646
	+	3 56250	00478		+	3 53846	45989
	-	240 31502			-	240 40261	
44	.97396	01416	59269	54	.97431	50697	86635
	+	3 56009	68976		+	3 53606	05728
	-	240 32383			-	240 41133	
45	.97399	57426	28245	55	.97435	04303	92363
	+	3 55769	36593		+	3 53365	64595
	-	240 33258			-	240 42005	
46	.97403	13195	64838	56	.97438	57669	56958
	+	3 55529	03335		+	3 53125	22590
	-	240 34138			-	240 42876	
47	.97406	68724	68173	57	.97442	10794	79548
	+	3 55288	69197		+	3 52884	79714
	-	240 35013			-	240 43748	
48	.97410	24013	37370	58	.97445	63679	59262
	+	3 55048	34184		+	3 52644	35966
	-	240 35889			-	240 44617	
49	.97413	79061	71554	59	.97449	16323	95228
	+	3 54807	98295		+	3 52403	91349
	-	240 36765			-	240 45486	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

85°	Sine.			85°	Sine.		
60'	.97452	68727	86577	70'	.97487	79540	55121
	+	3 52163	45863		+	3 49758	43302
	-	240 46357			-	240 55012	
61	.97456	20891	32440	71	.97491	29298	98423
	+	3 51922	99506		+	3 49517	88290
	-	240 47223			-	240 55875	
62	.97459	72814	31946	72	.97494	78816	86713
	+	3 51682	52283		+	3 49277	32415
	-	240 48092			-	240 56737	
63	.97463	24496	84229	73	.97498	28094	19128
	+	3 51442	04191		+	3 49036	75678
	-	240 48959			-	240 57597	
64	.97466	75938	88420	74	.97501	77130	94806
	+	3 51201	55232		+	3 48796	18081
	-	240 49825			-	240 58459	
65	.97470	27140	43652	75	.97505	25927	12887
	+	3 50961	05407		+	3 48555	59622
	-	240 50692			-	240 59318	
66	.97473	78101	49059	76	.97508	74482	72509
	+	3 50720	54715		+	3 48315	00304
	-	240 51556			-	240 60178	
67	.97477	28822	03774	77	.97512	22797	72813
	+	3 50480	03159		+	3 48074	40126
	-	240 52422			-	240 61036	
68	.97480	79302	06933	78	.97515	70872	12939
	+	3 50239	50737		+	3 47833	79090
	-	240 53286			-	240 61896	
69	.97484	29541	57670	79	.97519	18705	92029
	+	3 49998	97451		+	3 47593	17194
	-	240 54149			-	240 62752	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

85 ^c	Sine.			85 ^c	Sine.		
80'	.97522	66299	09223	90'	.97557	28994	88561
	+	3	47352 54442		+	3	44945 79876
	-		240 63609		-		240 72147
81	.97526	13651	63665	91	.97560	73940	68437
	+	3	47111 90833		+	3	44705 07729
	-		240 64467		-		240 72998
82	.97529	60763	54498	92	.97564	18645	76166
	+	3	46871 26366		+	3	44464 34731
	-		240 65321		-		240 73848
83	.97533	07634	80864	93	.97567	63110	10897
	+	3	46630 61045		+	3	44223 60883
	-		240 66178		-		240 74698
84	.97536	54265	41909	94	.97571	07333	71780
	+	3	46389 94867		+	3	43982 86185
	-		240 67032		-		240 75546
85	.97540	00655	36776	95	.97574	51316	57965
	+	3	46149 27835		+	3	43742 10639
	-		240 67885		-		240 76393
86	.97543	46804	64611	96	.97577	95058	68604
	+	3	45908 59950		+	3	43501 34246
	-		240 68741		-		240 77243
87	.97546	92713	24561	97	.97581	38560	02850
	+	3	45667 91209		+	3	43260 57003
	-		240 69591		-		240 78088
88	.97550	38381	15770	98	.97584	81820	59853
	+	3	45427 21618		+	3	43019 78915
	-		240 70445		-		240 78936
89	.97553	83808	37388	99	.97588	24840	38768
	+	3	45186 51173		+	3	42778 99979
	-		240 71297		-		240 79780

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

86°	Sine.			86°	Sine.		
00'	.97591	67619	38747	10'	.97625	82164	11337
	+	3 42538	20199		+	3 40129	76003
	-	240 80626			-	240 89045	
01	.97595	10157	58946	11	.97629	22293	87340
	+	3 42297	39573		+	3 39888	86958
	-	240 81471			-	240 89884	
02	.97598	52454	98519	12	.97632	62182	74298
	+	3 42056	58102		+	3 39647	97074
	-	240 82315			-	240 90721	
03	.97601	94511	56621	13	.97636	01830	71372
	+	3 41815	75787		+	3 39407	06353
	-	240 83157			-	240 91560	
04	.97605	36327	32408	14	.97639	41237	77725
	+	3 41574	92630		+	3 39166	14793
	-	240 84002			-	240 92396	
05	.97608	77902	25038	15	.97642	80403	92518
	+	3 41334	08628		+	3 38925	22397
	-	240 84842			-	240 93233	
06	.97612	19236	33666	16	.97646	19329	14915
	+	3 41093	23786		+	3 38684	29164
	-	240 85685			-	240 94067	
07	.97615	60329	57452	17	.97649	58013	44079
	+	3 40852	38101		+	3 38443	35097
	-	240 86526			-	240 94904	
08	.97619	01181	95553	18	.97652	96456	79176
	+	3 40611	51575		+	3 38202	40193
	-	240 87366			-	240 95737	
09	.97622	41793	47128	19	.97656	34659	19369
	+	3 40370	64209		+	3 37961	44456
	-	240 88206			-	240 96572	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

86°	Sine.			86°	Sine.		
20'	.97659	72620	63825	30'	.97693	38980	59649
	+	3 37720	47884		+	3 35310	36435
	-	240	97405		-	241	05704
21	.97663	10341	11709	31	.97696	74290	96084
	+	3 37479	50479		+	3 35069	30731
	-	240	98238		-	241	06532
22	.97666	47820	62188	32	.97700	09360	26815
	+	3 37238	52241		+	3 34828	24199
	-	240	99068		-	241	07358
23	.97669	85059	14429	33	.97703	44188	51014
	+	3 36997	53173		+	3 34587	16841
	-	240	99903		-	241	08184
24	.97673	22056	67602	34	.97706	78775	67855
	+	3 36756	53270		+	3 34346	08657
	-	241	00731		-	241	09008
25	.97676	58813	20872	35	.97710	13121	76512
	+	3 36515	52539		+	3 34104	99649
	-	241	01562		-	241	09833
26	.97679	95328	73411	36	.97713	47226	76161
	+	3 36274	50977		+	3 33863	89816
	-	241	02393		-	241	10656
27	.97683	31603	24388	37	.97716	81090	65977
	+	3 36033	48584		+	3 33622	79160
	-	241	03221		-	241	11481
28	.97686	67636	72972	38	.97720	14713	45137
	+	3 35792	45363		+	3 33381	67679
	-	241	04049		-	241	12302
29	.97690	03429	18335	39	.97723	48095	12816
	+	3 35551	41314		+	3 33140	55377
	-	241	04879		-	241	13124

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

86°	Sine.			86°	Sine.		
40'	.97726	81235	68193	50'	.97759	99377	64791
	+	3 32899	42253		+	3 30487	65930
	-	241 13946			-	241 22127	
41	.97730	14135	10446	51	.97763	29865	30721
	+	3 32658	28307		+	3 30246	43803
	-	241 14766			-	241 22941	
42	.97733	46793	38753	52	.97766	60111	74524
	+	3 32417	13541		+	3 30005	20862
	-	241 15587			-	241 23757	
43	.97736	79210	52294	53	.97769	90116	95386
	+	3 32175	97954		+	3 29763	97105
	-	241 16407			-	241 24569	
44	.97740	11386	50248	54	.97773	19880	92491
	+	3 31934	81547		+	3 29522	72536
	-	241 17225			-	241 25383	
45	.97743	43321	31795	55	.97776	49403	65027
	+	3 31693	64322		+	3 29281	47153
	-	241 18044			-	241 26196	
46	.97746	75014	96117	56	.97779	78685	12180
	+	3 31452	46278		+	3 29040	20957
	-	241 18862			-	241 27007	
47	.97750	06467	42395	57	.97783	07725	33137
	+	3 31211	27416		+	3 28798	93950
	-	241 19678			-	241 27818	
48	.97753	37678	69811	58	.97786	36524	27087
	+	3 30970	07738		+	3 28557	66132
	-	241 20496			-	241 28629	
49	.97756	68648	77549	59	.97789	65081	93219
	+	3 30728	87242		+	3 28316	37503
	-	241 21312			-	241 29440	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

86°	Sine.			86°	Sine.		
60'	.97792	93398	30722	70'	.97825	63289	53220
	+	3 28075	08063		+	3 25661	69247
	-	241 30248			-	241 38311	
61	.97796	21473	38785	71	.97828	88951	22467
	+	3 27833	77815		+	3 25420	30936
	-	241 31058			-	241 39113	
62	.97799	49307	16600	72	.97832	14371	53403
	+	3 27592	46757		+	3 25178	91823
	-	241 31866			-	241 39917	
63	.97802	76899	63357	73	.97835	39550	45226
	+	3 27351	14891		+	3 24937	51906
	-	241 32674			-	241 40718	
64	.97806	04250	78248	74	.97838	64487	97132
	+	3 27109	82217		+	3 24696	11188
	-	241 33480			-	241 41519	
65	.97809	31360	60465	75	.97841	89184	08320
	+	3 26868	48737		+	3 24454	69669
	-	241 34287			-	241 42319	
66	.97812	58229	09202	76	.97845	13638	77989
	+	3 26627	14450		+	3 24213	27350
	-	241 35094			-	241 43121	
67	.97815	84856	23652	77	.97848	37852	05339
	+	3 26385	79356		+	3 23971	84229
	-	241 35898			-	241 43918	
68	.97819	11242	03008	78	.97851	61823	89568
	+	3 26144	43458		+	3 23730	40311
	-	241 36704			-	241 44718	
69	.97822	37386	46466	79	.97854	85554	29879
	+	3 25903	06754		+	3 23488	95593
	-	241 37507			-	241 45516	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

86 ^c	Sine.			86 ^c	Sine.		
80'	.97858	09043	25472	90'	.97890	30651	46621
	+	3	23247 50077		+	3	20832 51149
	-		241 46313		-		241 54257
81	.97861	32290	75549	91	.97893	51483	97770
	+	3	23006 03764		+	3	20590 96892
	-		241 47111		-		241 55047
82	.97864	55296	79313	92	.97896	72074	94662
	+	3	22764 56653		+	3	20349 41845
	-		241 47907		-		241 55839
83	.97867	78061	35966	93	.97899	92424	36507
	+	3	22523 08746		+	3	20107 86006
	-		241 48703		-		241 56627
84	.97871	00584	44712	94	.97903	12532	22513
	+	3	22281 60043		+	3	19866 29379
	-		241 49497		-		241 57417
85	.97874	22866	04755	95	.97906	32398	51892
	+	3	22040 10546		+	3	19624 71962
	-		241 50293		-		241 58206
86	.97877	44906	15301	96	.97909	52023	23854
	+	3	21798 60253		+	3	19383 13756
	-		241 51087		-		241 58994
87	.97880	66704	75554	97	.97912	71406	37610
	+	3	21557 09166		+	3	19141 54762
	-		241 51879		-		241 59781
88	.97883	88261	84720	98	.97915	90547	92372
	+	3	21315 57287		+	3	18899 94981
	-		241 52673		-		241 60568
89	.97887	09577	42007	99	.97919	09447	87353
	+	3	21074 04614		+	3	18658 34413
	-		241 53465		-		241 61355

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

87 ^c	Sine.			87 ^c	Sine.		
00'	.97922	28106	21766	10'	.97954	01399	61967
	+	3 18416	73058		+	3 16000	16402
	-	241 62139			-	241 69964	
01	.97925	46522	94824	11	.97957	17399	78369
	+	3 18175	10919		+	3 15758	46438
	-	241 62926			-	241 70742	
02	.97928	64698	05743	12	.97960	33158	24807
	+	3 17933	47993		+	3 15516	75696
	-	241 63709			-	241 71523	
03	.97931	82631	53736	13	.97963	48675	00503
	+	3 17691	84284		+	3 15275	04173
	-	241 64494			-	241 72298	
04	.97935	00323	38020	14	.97966	63950	04676
	+	3 17450	19790		+	3 15033	31875
	-	241 65276			-	241 73078	
05	.97938	17773	57810	15	.97969	78983	36551
	+	3 17208	54514		+	3 14791	58797
	-	241 66059			-	241 73852	
06	.97941	34982	12324	16	.97972	93774	95348
	+	3 16966	88455		+	3 14549	84945
	-	241 66843			-	241 74631	
07	.97944	51949	00779	17	.97976	08324	80293
	+	3 16725	21612		+	3 14308	10314
	-	241 67622			-	241 75404	
08	.97947	68674	22391	18	.97979	22632	90607
	+	3 16483	53990		+	3 14066	34910
	-	241 68404			-	241 76180	
09	.97950	85157	76381	19	.97982	36699	25517
	+	3 16241	85586		+	3 13824	58730
	-	241 69184			-	241 76955	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

87 ^c	Sine.			87 ^c	Sine.		
20'	.97985	50523	84247	30'	.98016	75471	11589
	+	3	13582 81775		+	3	11164 69776
	-		241 77727		-		241 85433
21	.97988	64106	66022	31	.98019	86635	81365
	+	3	13341 04048		+	3	10922 84343
	-		241 78502		-		241 86200
22	.97991	77447	70070	32	.98022	97558	65708
	+	3	13099 25546		+	3	10680 98143
	-		241 79273		-		241 86966
23	.97994	90546	95616	33	.98026	08239	63851
	+	3	12857 46273		+	3	10439 11177
	-		241 80046		-		241 87732
24	.97998	03404	41889	34	.98029	18678	75028
	+	3	12615 66227		+	3	10197 23445
	-		241 80818		-		241 88498
25	.98001	16020	08116	35	.98032	28875	98473
	+	3	12373 85409		+	3	09955 34947
	-		241 81586		-		241 89263
26	.98004	28393	93525	36	.98035	38831	33420
	+	3	12132 03823		+	3	09713 45684
	-		241 82359		-		241 90026
27	.98007	40525	97348	37	.98038	48544	79104
	+	3	11890 21464		+	3	09471 55658
	-		241 83127		-		241 90790
28	.98010	52416	18812	38	.98041	58016	34762
	+	3	11648 38337		+	3	09229 64868
	-		241 83897		-		241 91554
29	.98013	64064	57149	39	.98044	67245	99630
	+	3	11406 54440		+	3	08987 73314
	-		241 84664		-		241 92315

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

87 ^c	Sine.			87 ^c	Sine.		
40'	.98047	76233	72944	50'	.98078	52804	03230
	+	3 08745	80999		+	3 06326	16043
	-	241 93077			-	242 00664	
41	.98050	84979	53943	51	.98081	59130	19273
	+	3 08503	87922		+	3 06084	15379
	-	241 93839			-	242 01417	
42	.98053	93483	41865	52	.98084	65214	34652
	+	3 08261	94083		+	3 05842	13962
	-	241 94600			-	242 02172	
43	.98057	01745	35948	53	.98087	71056	48614
	+	3 08019	99483		+	3 05600	11790
	-	241 95358			-	242 02928	
44	.98060	09765	35431	54	.98090	76656	60404
	+	3 07778	04125		+	3 05358	08862
	-	241 96120			-	242 03679	
45	.98063	17543	39556	55	.98093	82014	69266
	+	3 07536	08005		+	3 05116	05183
	-	241 96876			-	242 04432	
46	.98066	25079	47561	56	.98096	87130	74449
	+	3 07294	11129		+	3 04874	00751
	-	241 97637			-	242 05186	
47	.98069	32373	58690	57	.98099	92004	75200
	+	3 07052	13492		+	3 04631	95565
	-	241 98393			-	242 05937	
48	.98072	39425	72182	58	.98102	96636	70765
	+	3 06810	15099		+	3 04389	89628
	-	241 99150			-	242 06687	
49	.98075	46235	87281	59	.98106	01026	60393
	+	3 06568	15949		+	3 04147	82941
	-	241 99906			-	242 07438	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

87 ^c	Sine.			87 ^c	Sine.		
60'	.98109	05174	43334	70'	.98139	33337	40113
	+	3	03905 75503		+	3	01484 59978
	-		242 08189		-		242 15655
61	.98112	09080	18837	71	.98142	34822	00091
	+	3	03663 67314		+	3	01242 44323
	-		242 08936		-		242 16396
62	.98115	12743	86151	72	.98145	36064	44414
	+	3	03421 58378		+	3	01000 27927
	-		242 09687		-		242 17141
63	.98118	16165	44529	73	.98148	37064	72341
	+	3	03179 48691		+	3	00758 10786
	-		242 10434		-		242 17881
64	.98121	19344	93220	74	.98151	37822	83127
	+	3	02937 38257		+	3	00515 92905
	-		242 11181		-		242 18623
65	.98124	22282	31477	75	.98154	38338	76032
	+	3	02695 27076		+	3	00273 74282
	-		242 11928		-		242 19364
66	.98127	24977	58553	76	.98157	38612	50314
	+	3	02453 15148		+	3	00031 54918
	-		242 12675		-		242 20105
67	.98130	27430	73701	77	.98160	38644	05232
	+	3	02211 02473		+	2	99789 34813
	-		242 13421		-		242 20845
68	.98133	29641	76174	78	.98163	38433	40045
	+	3	01968 89052		+	2	99547 13968
	-		242 14165		-		242 21582
69	.98136	31610	65226	79	.98166	37980	54013
	+	3	01726 74887		+	2	99304 92386
	-		242 14909		-		242 22322

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

87 ^c	Sine.			87 ^c	Sine.		
80'	.98169	37285	46399	90'	.98199	17011	20997
	+	2 99062	70064		+	2 96640	06359
	-	242 23061			-	242 30406	
81	.98172	36348	16463	91	.98202	13651	27356
	+	2 98820	47003		+	2 96397	75953
	-	242 23796			-	242 31137	
82	.98175	35168	63466	92	.98205	10049	03309
	+	2 98578	23207		+	2 96155	44816
	-	242 24533			-	242 31868	
83	.98178	33746	86673	93	.98208	06204	48125
	+	2 98335	98674		+	2 95913	12948
	-	242 25271			-	242 32598	
84	.98181	32082	85347	94	.98211	02117	61073
	+	2 98093	73403		+	2 95670	80350
	-	242 26005			-	242 33327	
85	.98184	30176	58750	95	.98213	97788	41423
	+	2 97851	47398		+	2 95428	47023
	-	242 26740			-	242 34057	
86	.98187	28028	06148	96	.98216	93216	88446
	+	2 97609	20658		+	2 95186	12966
	-	242 27475			-	242 34786	
87	.98190	25637	26806	97	.98219	88403	01412
	+	2 97366	93183		+	2 94943	78180
	-	242 28209			-	242 35512	
88	.98193	23004	19989	98	.98222	83346	79592
	+	2 97124	64974		+	2 94701	42668
	-	242 28940			-	242 36239	
89	.98196	20128	84963	99	.98225	78048	22260
	+	2 96882	36034		+	2 94459	06429
	-	242 29675			-	242 36967	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

88 ^c	Sine.			88 ^c	Sine.		
00'	.98228	72507	28689	10'	.98258	03766	40236
	+	2 94216	69462		+	2 91792	59969
	-	242 37693			-	242 44918	
01	.98231	66723	98151	11	.98260	95559	00205
	+	2 93974	31769		+	2 91550	15051
	-	242 38417			-	242 45639	
02	.98234	60698	29920	12	.98263	87109	15256
	+	2 93731	93352		+	2 91307	69412
	-	242 39143			-	242 46357	
03	.98237	54430	23272	13	.98266	78416	84668
	+	2 93489	54209		+	2 91065	23055
	-	242 39866			-	242 47075	
04	.98240	47919	77481	14	.98269	69482	07723
	+	2 93247	14343		+	2 90822	75980
	-	242 40590			-	242 47793	
05	.98243	41166	91824	15	.98272	60304	83703
	+	2 93004	73753		+	2 90580	28187
	-	242 41313			-	242 48510	
06	.98246	34171	65577	16	.98275	50885	11890
	+	2 92762	32440		+	2 90337	79677
	-	242 42036			-	242 49226	
07	.98249	26933	98017	17	.98278	41222	91567
	+	2 92519	90404		+	2 90095	30451
	-	242 42758			-	242 49942	
08	.98252	19453	88421	18	.98281	31318	22018
	+	2 92277	47646		+	2 89852	80509
	-	242 43477			-	242 50657	
09	.98255	11731	36067	19	.98284	21171	02527
	+	2 92035	04169		+	2 89610	29852
	-	242 44200			-	242 51372	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

88 ^c	Sine.			88 ^c	Sine.		
20'	.98287	10781	32379	30'	.98315	93544	87842
	+	2	89367 78480		+	2	86942 25592
	-		242 52085		-		242 59193
21	.98290	00149	10859	31	.98318	80487	13434
	+	2	89125 26395		+	2	86699 66399
	-		242 52800		-		242 59899
22	.98292	89274	37254	32	.98321	67186	79833
	+	2	88882 73595		+	2	86457 06500
	-		242 53512		-		242 60608
23	.98295	78157	10849	33	.98324	53643	86333
	+	2	88640 20083		+	2	86214 45892
	-		242 54223		-		242 61313
24	.98298	66797	30932	34	.98327	39858	32225
	+	2	88397 65860		+	2	85971 84579
	-		242 54937		-		242 62018
25	.98301	55194	96792	35	.98330	25830	16804
	+	2	88155 10923		+	2	85729 22561
	-		242 55646		-		242 62724
26	.98304	43350	07715	36	.98333	11559	39365
	+	2	87912 55277		+	2	85486 59837
	-		242 56357		-		242 63428
27	.98307	31262	62992	37	.98335	97045	99202
	+	2	87669 98920		+	2	85243 96409
	-		242 57067		-		242 64132
28	.98310	18932	61912	38	.98338	82289	95611
	+	2	87427 41853		+	2	85001 32277
	-		242 57776		-		242 64835
29	.98313	06360	03765	39	.98341	67291	27888
	+	2	87184 84077		+	2	84758 67442
	-		242 58485		-		242 65538

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

88 ^c	Sine.			88 ^c	Sine.		
40'	.98344	52049	95330	50'	.98372	86289	49536
	+	2 84516	01904		+	2 82089	08014
	-	242 66240			-	242 73226	
41	.98347	36565	97234	51	.98375	68378	57550
	+	2 84273	35664		+	2 81846	34788
	-	242 66941			-	242 73923	
42	.98350	20839	32898	52	.98378	50224	92338
	+	2 84030	68723		+	2 81603	60865
	-	242 67642			-	242 74618	
43	.98353	04870	01621	53	.98381	31828	53203
	+	2 83788	01081		+	2 81360	86247
	-	242 68342			-	242 75310	
44	.98355	88658	02702	54	.98384	13189	39450
	+	2 83545	32739		+	2 81118	10937
	-	242 69042			-	242 76006	
45	.98358	72203	35441	55	.98386	94307	50387
	+	2 83302	63697		+	2 80875	34931
	-	242 69741			-	242 76698	
46	.98361	55505	99138	56	.98389	75182	85318
	+	2 83059	93956		+	2 80632	58233
	-	242 70439			-	242 77391	
47	.98364	38565	93094	57	.98392	55815	43551
	+	2 82817	23517		+	2 80389	80842
	-	242 71137			-	242 78082	
48	.98367	21383	16611	58	.98395	36205	24393
	+	2 82574	52380		+	2 80147	02760
	-	242 71835			-	242 78773	
49	.98370	03957	68991	59	.98398	16352	27153
	+	2 82331	80545		+	2 79904	23987
	-	242 72531			-	242 79465	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

88 ^c	Sine.			88 ^c	Sine.		
60'	.98400	96256	51140	70'	.98428	81944	06810
	+	2 79661	44522		+	2 77233	12026
	-	242 80154			-	242 87022	
61	.98403	75917	95662	71	.98431	59177	18836
	+	2 79418	64368		+	2 76990	25004
	-	242 80844			-	242 87704	
62	.98406	55336	60030	72	.98434	36167	43840
	+	2 79175	83524		+	2 76747	37300
	-	242 81533			-	242 88389	
63	.98409	34512	43554	73	.98437	12914	81140
	+	2 78933	01991		+	2 76504	48911
	-	242 82220			-	242 89070	
64	.98412	13445	45545	74	.98439	89419	30051
	+	2 78690	19771		+	2 76261	59841
	-	242 82909			-	242 89752	
65	.98414	92135	65316	75	.98442	65680	89892
	+	2 78447	36862		+	2 76018	70089
	-	242 83596			-	242 90433	
66	.98417	70583	02178	76	.98445	41699	59981
	+	2 78204	53266		+	2 75775	79656
	-	242 84281			-	242 91114	
67	.98420	48787	55444	77	.98448	17475	39637
	+	2 77961	68985		+	2 75532	88542
	-	242 84968			-	242 91792	
68	.98423	26749	24429	78	.98450	93008	28179
	+	2 77718	84017		+	2 75289	96750
	-	242 85653			-	242 92474	
69	.98426	04468	08446	79	.98453	68298	24929
	+	2 77475	98364		+	2 75047	04276
	-	242 86338			-	242 93150	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

88 ^c	Sine.			88 ^c	Sine.		
80'	.98456	43345	29205	90'	.98483	80453	36978
	+	2 74804	11126		+	2 72374	42420
	-	242 93830			-	243 00577	
81	.98459	18149	40331	91	.98486	52827	79398
	+	2 74561	17296		+	2 72131	41843
	-	242 94506			-	243 01248	
82	.98461	92710	57627	92	.98489	24959	21241
	+	2 74318	22790		+	2 71888	40595
	-	242 95184			-	243 01919	
83	.98464	67028	80417	93	.98491	96847	61836
	+	2 74075	27606		+	2 71645	38676
	-	242 95859			-	243 02589	
84	.98467	41104	08023	94	.98494	68493	00512
	+	2 73832	31747		+	2 71402	36087
	-	242 96536			-	243 03260	
85	.98470	14936	39770	95	.98497	39895	36599
	+	2 73589	35211		+	2 71159	32827
	-	242 97211			-	243 03927	
86	.98472	88525	74981	96	.98500	11054	69426
	+	2 73346	38000		+	2 70916	28900
	-	242 97884			-	243 04598	
87	.98475	61872	12981	97	.98502	81970	98326
	+	2 73103	40116		+	2 70673	24302
	-	242 98560			-	243 05263	
88	.98478	34975	53097	98	.98505	52644	22628
	+	2 72860	41556		+	2 70430	19039
	-	242 99231			-	243 05932	
89	.98481	07835	94653	99	.98508	23074	41667
	+	2 72617	42325		+	2 70187	13107
	-	242 99905			-	243 06598	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

89°	Sine.			89°	Sine.		
00'	.98510	93261	54774	10'	.98537	81763	13234
	+	2 69944	06509		+	2 67513	03991
	-	243 07265			-	243 13891	
01	.98513	63205	61283	11	.98540	49276	17225
	+	2 69700	99244		+	2 67269	90100
	-	243 07930			-	243 14553	
02	.98516	32906	60527	12	.98543	16546	07325
	+	2 69457	91314		+	2 67026	75547
	-	243 08594			-	243 15209	
03	.98519	02364	51841	13	.98545	83572	82872
	+	2 69214	82720		+	2 66783	60338
	-	243 09259			-	243 15869	
04	.98521	71579	34561	14	.98548	50356	43210
	+	2 68971	73461		+	2 66540	44469
	-	243 09923			-	243 16526	
05	.98524	40551	08022	15	.98551	16896	87679
	+	2 68728	63538		+	2 66297	27943
	-	243 10586			-	243 17184	
06	.98527	09279	71560	16	.98553	83194	15622
	+	2 68485	52952		+	2 66054	10759
	-	243 11247			-	243 17839	
07	.98529	77765	24512	17	.98556	49248	26381
	+	2 68242	41705		+	2 65810	92920
	-	243 11911			-	243 18496	
08	.98532	46007	66217	18	.98559	15059	19301
	+	2 67999	29794		+	2 65567	74424
	-	243 12571			-	243 19151	
09	.98535	14006	96011	19	.98561	80626	93725
	+	2 67756	17223		+	2 65324	55273
	-	243 13232			-	243 19805	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

89°	Sine.			89°	Sine.		
20'	.98564	45951	48998	30'	.98590	85820	04703
	+	2 65081	35468		+	2 62649	01538
	-	243 20460			-	243 26967	
21	.98567	11032	84466	31	.98593	48469	06241
	+	2 64838	15008		+	2 62405	74571
	-	243 21113			-	243 27615	
22	.98569	75870	99474	32	.98596	10874	80812
	+	2 64594	93895		+	2 62162	46956
	-	243 21766			-	243 28262	
23	.98572	40465	93369	33	.98598	73037	27768
	+	2 64351	72129		+	2 61919	18694
	-	243 22418			-	243 28907	
24	.98575	04817	65498	34	.98601	34956	46462
	+	2 64108	49711		+	2 61675	89787
	-	243 23070			-	243 29554	
25	.98577	68926	15209	35	.98603	96632	36249
	+	2 63865	26641		+	2 61432	60233
	-	243 23721			-	243 30198	
26	.98580	32791	41850	36	.98606	58064	96482
	+	2 63622	02920		+	2 61189	30035
	-	243 24371			-	243 30843	
27	.98582	96413	44770	37	.98609	19254	26517
	+	2 63378	78549		+	2 60945	99192
	-	243 25022			-	243 31487	
28	.98585	59792	23319	38	.98611	80200	25709
	+	2 63135	53527		+	2 60702	67705
	-	243 25670			-	243 32130	
29	.98588	22927	76846	39	.98614	40902	93414
	+	2 62892	27857		+	2 60459	35575
	-	243 26319			-	243 32773	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

89°	Sine.			89°	Sine.		
40'	.98617	01362	28989	50'	.98642	92571	76495
	+	2	60216 02802		+	2	57782 39861
	-		243 33415		-		243 39803
41	.98619	61578	31791	51	.98645	50354	16356
	+	2	59972 69387		+	2	57539 00058
	-		243 34056		-		243 40437
42	.98622	21551	01178	52	.98648	07893	16414
	+	2	59729 35331		+	2	57295 59621
	-		243 34697		-		243 41073
43	.98624	81280	36509	53	.98650	65188	76035
	+	2	59486 00634		+	2	57052 18548
	-		243 35337		-		243 41707
44	.98627	40766	37143	54	.98653	22240	94583
	+	2	59242 65297		+	2	56808 76841
	-		243 35977		-		243 42341
45	.98630	00009	02440	55	.98655	79049	71424
	+	2	58999 29320		+	2	56565 34500
	-		243 36617		-		243 42973
46	.98632	59008	31760	56	.98658	35615	05924
	+	2	58755 92703		+	2	56321 91527
	-		243 37254		-		243 43606
47	.98635	17764	24463	57	.98660	91936	97451
	+	2	58512 55449		+	2	56078 47921
	-		243 37892		-		243 44239
48	.98637	76276	79912	58	.98663	48015	45372
	+	2	58269 17557		+	2	55835 03682
	-		243 38531		-		243 44868
49	.98640	34545	97469	59	.98666	03850	49054
	+	2	58025 79026		+	2	55591 58814
	-		243 39165		-		243 45500

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

89 ^c	Sine.			89 ^c	Sine.		
60'	.98668	59442	07868	70'	.98694	01966	89757
	+	2 55348	13314		+	2 52913	23762
	-	243 46130			-	243 52396	
61	.98671	14790	21182	71	.98696	54880	13519
	+	2 55104	67184		+	2 52669	71366
	-	243 46759			-	243 53022	
62	.98673	69894	88366	72	.98699	07549	84885
	+	2 54861	20425		+	2 52426	18344
	-	243 47389			-	243 53643	
63	.98676	24756	08791	73	.98701	59976	03229
	+	2 54617	73036		+	2 52182	64701
	-	243 48015			-	243 54265	
64	.98678	79373	81827	74	.98704	12158	67930
	+	2 54374	25021		+	2 51939	10436
	-	243 48645			-	243 54889	
65	.98681	33748	06848	75	.98706	64097	78366
	+	2 54130	76376		+	2 51695	55547
	-	243 49271			-	243 55507	
66	.98683	87878	83224	76	.98709	15793	33913
	+	2 53887	27105		+	2 51452	00040
	-	243 49897			-	243 56130	
67	.98686	41766	10329	77	.98711	67245	33953
	+	2 53643	77208		+	2 51208	43910
	-	243 50524			-	243 56748	
68	.98688	95409	87537	78	.98714	18453	77863
	+	2 53400	26684		+	2 50964	87162
	-	243 51148			-	243 57368	
69	.98691	48810	14221	79	.98716	69418	65025
	+	2 53156	75536		+	2 50721	29794
	-	243 51774			-	243 57986	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

89 ^c	Sine.			89 ^c	Sine.		
80'	.98719	20139	94819	90'	.98744	13955	01721
	+	2 50477	71808		+	2 48041	58049
	-	243 58606			-	243 64751	
81	.98721	70617	66627	91	.98746	61996	59770
	+	2 50234	13202		+	2 47797	93298
	-	243 59221			-	243 65364	
82	.98724	20851	79829	92	.98749	09794	53068
	+	2 49990	53981		+	2 47554	27934
	-	243 59839			-	243 65974	
83	.98726	70842	33810	93	.98751	57348	81002
	+	2 49746	94142		+	2 47310	61960
	-	243 60455			-	243 66584	
84	.98729	20589	27952	94	.98754	04659	42962
	+	2 49503	33687		+	2 47066	95376
	-	243 61071			-	243 67194	
85	.98731	70092	61639	95	.98756	51726	38338
	+	2 49259	72616		+	2 46823	28182
	-	243 61686			-	243 67803	
86	.98734	19352	34255	96	.98758	98549	66520
	+	2 49016	10930		+	2 46579	60379
	-	243 62300			-	243 68411	
87	.98736	68368	45185	97	.98761	45129	26899
	+	2 48772	48630		+	2 46335	91968
	-	243 62913			-	243 69020	
88	.98739	17140	93815	98	.98763	91465	18867
	+	2 48528	85717		+	2 46092	22948
	-	243 63528			-	243 69625	
89	.98741	65669	79532	99	.98766	37557	41815
	+	2 48285	22189		+	2 45848	53323
	-	243 64140			-	243 70234	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

90°	Sine.			90°	Sine.		
00'	.98768	83405	95138	10'	.98793	28486	65757
	+	2	45604 83089		+	2	43167 47529
	-		243 70838		-		243 76866
01	.98771	29010	78227	11	.98795	71654	13286
	+	2	45361 12251		+	2	42923 70663
	-		243 71445		-		243 77465
02	.98773	74371	90478	12	.98798	14577	83949
	+	2	45117 40806		+	2	42679 93198
	-		243 72049		-		243 78064
03	.98776	19489	31284	13	.98800	57257	77147
	+	2	44873 68757		+	2	42436 15134
	-		243 72654		-		243 78663
04	.98778	64363	00041	14	.98802	99693	92281
	+	2	44629 96103		+	2	42192 36471
	-		243 73256		-		243 79259
05	.98781	08992	96144	15	.98805	41886	28752
	+	2	44386 22847		+	2	41948 57212
	-		243 73860		-		243 79858
06	.98783	53379	18991	16	.98807	83834	85964
	+	2	44142 48987		+	2	41704 77354
	-		243 74463		-		243 80452
07	.98785	97521	67978	17	.98810	25539	63318
	+	2	43898 74524		+	2	41460 96902
	-		243 75064		-		243 81050
08	.98788	41420	42502	18	.98812	67000	60220
	+	2	43654 99460		+	2	41217 15852
	-		243 75665		-		243 81644
09	.98790	85075	41962	19	.98815	08217	76072
	+	2	43411 23795		+	2	40973 34208
	-		243 76266		-		243 82238

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

90°	Sine.			90°	Sine.		
20'	.98817	49191	10280	30'	.98841	45513	31422
	+	2 40729	51970		+	2 38290	97013
	-	243 82833			-	243 88741	
21	.98819	89920	62250	31	.98843	83804	28435
	+	2 40485	69137		+	2 38047	08272
	-	243 83427			-	243 89326	
22	.98822	30406	31387	32	.98846	21851	36707
	+	2 40241	85710		+	2 37803	18946
	-	243 84018			-	243 89913	
23	.98824	70648	17097	33	.98848	59654	55653
	+	2 39998	01692		+	2 37559	29033
	-	243 84612			-	243 90500	
24	.98827	10646	18789	34	.98850	97213	84686
	+	2 39754	17080		+	2 37315	38533
	-	243 85202			-	243 91086	
25	.98829	50400	35869	35	.98853	34529	23219
	+	2 39510	31878		+	2 37071	47447
	-	243 85793			-	243 91669	
26	.98831	89910	67747	36	.98855	71600	70666
	+	2 39266	46085		+	2 36827	55778
	-	243 86385			-	243 92256	
27	.98834	29177	13832	37	.98858	08428	26444
	+	2 39022	59700		+	2 36583	63522
	-	243 86973			-	243 92837	
28	.98836	68199	73532	38	.98860	45011	89966
	+	2 38778	72727		+	2 36339	70685
	-	243 87564			-	243 93422	
29	.98839	06978	46259	39	.98862	81351	60651
	+	2 38534	85163		+	2 36095	77263
	-	243 88150			-	243 94004	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

90°	Sine.			90°	Sine.		
40'	.98865	17447	37914	50'	.98888	64987	44505
	+	2 35851	83259		+	2 33412	11311
	-	243 94586			-	244 00371	
41	.98867	53299	21173	51	.98890	98399	55816
	+	2 35607	88673		+	2 33168	10940
	-	243 95167			-	244 00948	
42	.98869	88907	09846	52	.98893	31567	66756
	+	2 35363	93506		+	2 32924	09992
	-	243 95748			-	244 01522	
43	.98872	24271	03352	53	.98895	64491	76748
	+	2 35119	97758		+	2 32680	08470
	-	243 96328			-	244 02096	
44	.98874	59391	01110	54	.98897	97171	85218
	+	2 34876	01430		+	2 32436	06374
	-	243 96908			-	244 02671	
45	.98876	94267	02540	55	.98900	29607	91592
	+	2 34632	04522		+	2 32192	03703
	-	243 97486			-	244 03242	
46	.98879	28899	07062	56	.98902	61799	95295
	+	2 34388	07036		+	2 31948	00461
	-	243 98066			-	244 03815	
47	.98881	63287	14098	57	.98904	93747	95756
	+	2 34144	08970		+	2 31703	96646
	-	243 98642			-	244 04387	
48	.98883	97431	23068	58	.98907	25451	92402
	+	2 33900	10328		+	2 31459	92259
	-	243 99219			-	244 04958	
49	.98886	31331	33396	59	.98909	56911	84661
	+	2 33656	11109		+	2 31215	87301
	-	243 99798			-	244 05529	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

90°	Sine.			90°	Sine.		
60'	.98911	88127	71962	70'	.98934	86862	47074
	+	2 30971	81772		+	2 28530	95243
	-	244 06097			-	244 11764	
61	.98914	19099	53734	71	.98937	15393	42317
	+	2 30727	75675		+	2 28286	83479
	-	244 06669			-	244 12327	
62	.98916	49827	29409	72	.98939	43680	25796
	+	2 30483	69006		+	2 28042	71152
	-	244 07235			-	244 12891	
63	.98918	80310	98415	73	.98941	71722	96948
	+	2 30239	61771		+	2 27798	58261
	-	244 07805			-	244 13452	
64	.98921	10550	60186	74	.98943	99521	55209
	+	2 29995	53966		+	2 27554	44809
	-	244 08372			-	244 14013	
65	.98923	40546	14152	75	.98946	27076	00018
	+	2 29751	45594		+	2 27310	30796
	-	244 08939			-	244 14575	
66	.98925	70297	59746	76	.98948	54386	30814
	+	2 29507	36655		+	2 27066	16221
	-	244 09505			-	244 15135	
67	.98927	99804	96401	77	.98950	81452	47035
	+	2 29263	27150		+	2 26822	01086
	-	244 10071			-	244 15694	
68	.98930	29068	23551	78	.98953	08274	48121
	+	2 29019	17079		+	2 26577	85392
	-	244 10635			-	244 16254	
69	.98932	58087	40630	79	.98955	34852	33513
	+	2 28775	06444		+	2 26333	69138
	-	244 11201			-	244 16812	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

90°	Sine.			90°	Sine.		
80'	.98957	61186	02651	90'	.98980	11092	77526
	+	2 26089	52326		+	2 23647	53624
	-	244 17370			-	244 22915	
81	.98959	87275	54977	91	.98982	34740	31150
	+	2 25845	34956		+	2 23403	30709
	-	244 17926			-	244 23467	
82	.98962	13120	89933	92	.98984	58143	61859
	+	2 25601	17030		+	2 23159	07242
	-	244 18485			-	244 24017	
83	.98964	38722	06963	93	.98986	81302	69101
	+	2 25356	98545		+	2 22914	83225
	-	244 19039			-	244 24568	
84	.98966	64079	05508	94	.98989	04217	52326
	+	2 25112	79506		+	2 22670	58657
	-	244 19596			-	244 25115	
85	.98968	89191	85014	95	.98991	26888	10983
	+	2 24868	59910		+	2 22426	33542
	-	244 20149			-	244 25666	
86	.98971	14060	44924	96	.98993	49314	44525
	+	2 24624	39761		+	2 22182	07876
	-	244 20705			-	244 26214	
87	.98973	38684	84685	97	.98995	71496	52401
	+	2 24380	19056		+	2 21937	81662
	-	244 21258			-	244 26761	
88	.98975	63065	03741	98	.98997	93434	34063
	+	2 24135	97798		+	2 21693	54901
	-	244 21811			-	244 27307	
89	.98977	87201	01539	99	.99000	15127	88964
	+	2 23891	75987		+	2 21449	27594
	-	244 22363			-	244 27856	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

91 ^c	Sine.			91 ^c	Sine.		
00'	.99002	36577	16558	10'	.99024	37633	70629
	+	2	21204 99738		+	2	18761 91273
	-		244 28400		-		244 33825
01	.99004	57782	16296	11	.99026	56395	61902
	+	2	20960 71338		+	2	18517 57448
	-		244 28945		-		244 34364
02	.99006	78742	87634	12	.99028	74913	19350
	+	2	20716 42393		+	2	18273 23084
	-		244 29491		-		244 34904
03	.99008	99459	30027	13	.99030	93186	42434
	+	2	20472 12902		+	2	18028 88180
	-		244 30033		-		244 35440
04	.99011	19931	42929	14	.99033	11215	30614
	+	2	20227 82869		+	2	17784 52740
	-		244 30579		-		244 35979
05	.99013	40159	25798	15	.99035	28999	83354
	+	2	19983 52290		+	2	17540 16761
	-		244 31119		-		244 36515
06	.99015	60142	78088	16	.99037	46540	00115
	+	2	19739 21171		+	2	17295 80246
	-		244 31664		-		244 37051
07	.99017	79881	99259	17	.99039	63835	80361
	+	2	19494 89507		+	2	17051 43195
	-		244 32203		-		244 37586
08	.99019	99376	88766	18	.99041	80887	23556
	+	2	19250 57304		+	2	16807 05609
	-		244 32745		-		244 38123
09	.99022	18627	46070	19	.99043	97694	29165
	+	2	19006 24559		+	2	16562 67486
	-		244 33286		-		244 38655

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

91 ^c	Sine.			91 ^c	Sine.		
20'	.99046	14256	96651	30'	.99067	66441	57565
	+	2	16318 28831		+	2	13874 13013
	-		244 39191		-		244 44494
21	.99048	30575	25482	31	.99069	80315	70578
	+	2	16073 89640		+	2	13629 68519
	-		244 39722		-		244 45020
22	.99050	46649	15122	32	.99071	93945	39097
	+	2	15829 49918		+	2	13385 23499
	-		244 40256		-		244 45549
23	.99052	62478	65040	33	.99074	07330	62596
	+	2	15585 09662		+	2	13140 77950
	-		244 40787		-		244 46073
24	.99054	78063	74702	34	.99076	20471	40546
	+	2	15340 68875		+	2	12896 31877
	-		244 41319		-		244 46599
25	.99056	93404	43577	35	.99078	33367	72423
	+	2	15096 27556		+	2	12651 85278
	-		244 41849		-		244 47124
26	.99059	08500	71133	36	.99080	46019	57701
	+	2	14851 85707		+	2	12407 38154
	-		244 42380		-		244 47647
27	.99061	23352	56840	37	.99082	58426	95855
	+	2	14607 43327		+	2	12162 90507
	-		244 42909		-		244 48172
28	.99063	37960	00167	38	.99084	70589	86362
	+	2	14363 00418		+	2	11918 42335
	-		244 43438		-		244 48693
29	.99065	52323	00585	39	.99086	82508	28697
	+	2	14118 56980		+	2	11673 93642
	-		244 43967		-		244 49217

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

91 ^c	Sine.			91 ^c	Sine.		
40'	.99088	94182	22339	50'	.99109	97473	65975
	+	2 11429	44425		+	2 08984	23668
	-	244 49738			-	244 54921	
41	.99091	05611	66764	51	.99112	06457	89643
	+	2 11184	94687		+	2 08739	68747
	-	244 50259			-	244 55437	
42	.99093	16796	61451	52	.99114	15197	58390
	+	2 10940	44428		+	2 08495	13310
	-	244 50780			-	244 55951	
43	.99095	27737	05879	53	.99116	23692	71700
	+	2 10695	93648		+	2 08250	57359
	-	244 51299			-	244 56465	
44	.99097	38432	99527	54	.99118	31943	29059
	+	2 10451	42349		+	2 08006	00894
	-	244 51819			-	244 56978	
45	.99099	48884	41876	55	.99120	39949	29953
	+	2 10206	90530		+	2 07761	43916
	-	244 52337			-	244 57491	
46	.99101	59091	32406	56	.99122	47710	73869
	+	2 09962	38193		+	2 07516	86425
	-	244 52856			-	244 58003	
47	.99103	69053	70599	57	.99124	55227	60294
	+	2 09717	85337		+	2 07272	28422
	-	244 53373			-	244 58514	
48	.99105	78771	55936	58	.99126	62499	88716
	+	2 09473	31964		+	2 07027	69908
	-	244 53889			-	244 59025	
49	.99107	88244	87900	59	.99128	69527	58624
	+	2 09228	78075		+	2 06783	10883
	-	244 54407			-	244 59536	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

91 ^c	Sine.			91 ^c	Sine.		
60'	.99130	76310	69507	70'	.99151	30688	20002
	+	2 06538	51347		+	2 04092	28064
	-	244 60045			-	244 65107	
61	.99132	82849	20854	71	.99153	34780	48066
	+	2 06293	91302		+	2 03847	62957
	-	244 60554			-	244 65611	
62	.99134	89143	12156	72	.99155	38628	11023
	+	2 06049	30748		+	2 03602	97346
	-	244 61062			-	244 66113	
63	.99136	95192	42904	73	.99157	42231	08369
	+	2 05804	69686		+	2 03358	31233
	-	244 61570			-	244 66616	
64	.99139	00997	12590	74	.99159	45589	39602
	+	2 05560	08116		+	2 03113	64617
	-	244 62077			-	244 67115	
65	.99141	06557	20706	75	.99161	48703	04219
	+	2 05315	46039		+	2 02868	97502
	-	244 62585			-	244 67617	
66	.99143	11872	66745	76	.99163	51572	01721
	+	2 05070	83454		+	2 02624	29885
	-	244 63089			-	244 68117	
67	.99145	16943	50199	77	.99165	54196	31606
	+	2 04826	20365		+	2 02379	61768
	-	244 63596			-	244 68616	
68	.99147	21769	70564	78	.99167	56575	93374
	+	2 04581	56769		+	2 02134	93152
	-	244 64100			-	244 69115	
69	.99149	26351	27333	79	.99169	58710	86526
	+	2 04336	92669		+	2 01890	24037
	-	244 64605			-	244 69613	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

91 ^c	Sine.			91 ^c	Sine.		
80'	.99171	60601	10563	90'	.99191	66044	40329
	+	2 01645	54424		+	1 99198	31030
	-	244	70110		-	244	75052
81	.99173	62246	64987	91	.99193	65242	71359
	+	2 01400	84314		+	1 98953	55978
	-	244	70608		-	244	75545
82	.99175	63647	49301	92	.99195	64196	27337
	+	2 01156	13706		+	1 98708	80433
	-	244	71103		-	244	76033
83	.99177	64803	63007	93	.99197	62905	07770
	+	2 00911	42603		+	1 98464	04400
	-	244	71600		-	244	76524
84	.99179	65715	05610	94	.99199	61369	12170
	+	2 00666	71003		+	1 98219	27876
	-	244	72094		-	244	77012
85	.99181	66381	76613	95	.99201	59588	40046
	+	2 00421	98909		+	1 97974	50864
	-	244	72589		-	244	77501
86	.99183	66803	75522	96	.99203	57562	90910
	+	2 00177	26320		+	1 97729	73363
	-	244	73084		-	244	77990
87	.99185	66981	01842	97	.99205	55292	64273
	+	1 99932	53236		+	1 97484	95373
	-	244	73576		-	244	78476
88	.99187	66913	55078	98	.99207	52777	59646
	+	1 99687	79660		+	1 97240	16897
	-	244	74069		-	244	78962
89	.99189	66601	34738	99	.99209	50017	76543
	+	1 99443	05591		+	1 96995	37935
	-	244	74561		-	244	79450

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

92°	Sine.			92°	Sine.		
00'	.99211	47013	14478	10'	.99231	03502	44224
	+	1 96750	58485		+	1 94302	37395
	-	244 79934			-	244 84757	
01	.99213	43763	72963	11	.99232	97804	81619
	+	1 96505	78551		+	1 94057	52638
	-	244 80419			-	244 85234	
02	.99215	40269	51514	12	.99234	91862	34257
	+	1 96260	98132		+	1 93812	67404
	-	244 80904			-	244 85713	
03	.99217	36530	49646	13	.99236	85675	01661
	+	1 96016	17228		+	1 93567	81691
	-	244 81388			-	244 86190	
04	.99219	32546	66874	14	.99238	79242	83352
	+	1 95771	35840		+	1 93322	95501
	-	244 81869			-	244 86668	
05	.99221	28318	02714	15	.99240	72565	78853
	+	1 95526	53971		+	1 93078	08833
	-	244 82353			-	244 87144	
06	.99223	23844	56685	16	.99242	65643	87686
	+	1 95281	71618		+	1 92833	21689
	-	244 82835			-	244 87620	
07	.99225	19126	28303	17	.99244	58477	09375
	+	1 95036	88783		+	1 92588	34069
	-	244 83316			-	244 88094	
08	.99227	14163	17086	18	.99246	51065	43444
	+	1 94792	05467		+	1 92343	45975
	-	244 83796			-	244 88570	
09	.99229	08955	22553	19	.99248	43408	89419
	+	1 94547	21671		+	1 92098	57405
	-	244 84276			-	244 89044	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

92°	Sine.			92°	Sine.		
20'	.99250	35507	46824	30'	.99269	43023	45574
	+	1 91853	68361		+	1 89404	51990
	-	244 89516			-	244 94217	
21	.99252	27361	15185	31	.99271	32427	97564
	+	1 91608	78845		+	1 89159	57773
	-	244 89990			-	244 94684	
22	.99254	18969	94030	32	.99273	21587	55337
	+	1 91363	88855		+	1 88914	63089
	-	244 90462			-	244 95150	
23	.99256	10333	82885	33	.99275	10502	18426
	+	1 91118	98393		+	1 88669	67939
	-	244 90933			-	244 95616	
24	.99258	01452	81278	34	.99276	99171	86365
	+	1 90874	07460		+	1 88424	72323
	-	244 91405			-	244 96081	
25	.99259	92326	88738	35	.99278	87596	58688
	+	1 90629	16055		+	1 88179	76242
	-	244 91874			-	244 96545	
26	.99261	82956	04793	36	.99280	75776	34930
	+	1 90384	24181		+	1 87934	79697
	-	244 92345			-	244 97009	
27	.99263	73340	28974	37	.99282	63711	14627
	+	1 90139	31836		+	1 87689	82688
	-	244 92813			-	244 97471	
28	.99265	63479	60810	38	.99284	51400	97315
	+	1 89894	39023		+	1 87444	85217
	-	244 93282			-	244 97935	
29	.99267	53373	99833	39	.99286	38845	82532
	+	1 89649	45741		+	1 87199	87282
	-	244 93751			-	244 98397	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

92°	Sine.			92°	Sine.		
40'	.99288	26045	69814	50'	.99306	84569	54926
	+	1 86954	88885		+	1 84504	79652
	-	244 98856			-	245 03437	
41	.99290	13000	58699	51	.99308	69074	34578
	+	1 86709	90029		+	1 84259	76215
	-	244 99319			-	245 03892	
42	.99291	99710	48728	52	.99310	53334	10793
	+	1 86464	90710		+	1 84014	72323
	-	244 99779			-	245 04347	
43	.99293	86175	39438	53	.99312	37348	83116
	+	1 86219	90931		+	1 83769	67976
	-	245 00237			-	245 04798	
44	.99295	72395	30369	54	.99314	21118	51092
	+	1 85974	90694		+	1 83524	63178
	-	245 00696			-	245 05253	
45	.99297	58370	21063	55	.99316	04643	14270
	+	1 85729	89998		+	1 83279	57925
	-	245 01156			-	245 05704	
46	.99299	44100	11061	56	.99317	87922	72195
	+	1 85484	88842		+	1 83034	52221
	-	245 01613			-	245 06156	
47	.99301	29584	99903	57	.99319	70957	24416
	+	1 85239	87229		+	1 82789	46065
	-	245 02069			-	245 06607	
48	.99303	14824	87132	58	.99321	53746	70481
	+	1 84994	85160		+	1 82544	39458
	-	245 02526			-	245 07058	
49	.99304	99819	72292	59	.99323	36291	09939
	+	1 84749	82634		+	1 82299	32400
	-	245 02982			-	245 07506	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

92°	Sine.			92°	Sine.		
60'	.99325	18590	42339	70'	.99343	28103	79527
	+	1 82054	24894		+	1 79603	25214
	-	245 07958			-	245 12415	
61	.99327	00644	67233	71	.99345	07707	04741
	+	1 81809	16936		+	1 79358	12799
	-	245 08404			-	245 12857	
62	.99328	82453	84169	72	.99346	87065	17540
	+	1 81564	08532		+	1 79112	99942
	-	245 08853			-	245 13300	
63	.99330	64017	92701	73	.99348	66178	17482
	+	1 81318	99679		+	1 78867	86642
	-	245 09301			-	245 13742	
64	.99332	45336	92380	74	.99350	45046	04124
	+	1 81073	90378		+	1 78622	72900
	-	245 09747			-	245 14181	
65	.99334	26410	82758	75	.99352	23668	77024
	+	1 80828	80631		+	1 78377	58719
	-	245 10193			-	245 14621	
66	.99336	07239	63389	76	.99354	02046	35743
	+	1 80583	70438		+	1 78132	44098
	-	245 10640			-	245 15063	
67	.99337	87823	33827	77	.99355	80178	79841
	+	1 80338	59798		+	1 77887	29035
	-	245 11083			-	245 15499	
68	.99339	68161	93625	78	.99357	58066	08876
	+	1 80093	48715		+	1 77642	13536
	-	245 11528			-	245 15940	
69	.99341	48255	42340	79	.99359	35708	22412
	+	1 79848	37187		+	1 77396	97596
	-	245 11973			-	245 16375	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

92°	Sine.			92°	Sine.		
80'	.99361	13105	20008	90'	.99378	73590	23354
	+	1 77151	81221		+	1 74699	93515
	-	245 16814			-	245 21150	
81	.99362	90257	01229	91	.99380	48290	16869
	+	1 76906	64407		+	1 74454	72365
	-	245 17250			-	245 21582	
82	.99364	67163	65636	92	.99382	22744	89234
	+	1 76661	47157		+	1 74209	50783
	-	245 17686			-	245 22012	
83	.99366	43825	12793	93	.99383	96954	40017
	+	1 76416	29471		+	1 73964	28771
	-	245 18121			-	245 22440	
84	.99368	20241	42264	94	.99385	70918	68788
	+	1 76171	11350		+	1 73719	06331
	-	245 18556			-	245 22870	
85	.99369	96412	53614	95	.99387	44637	75119
	+	1 75925	92794		+	1 73473	83461
	-	245 18990			-	245 23297	
86	.99371	72338	46408	96	.99389	18111	58580
	+	1 75680	73804		+	1 73228	60164
	-	245 19423			-	245 23725	
87	.99373	48019	20212	97	.99390	91340	18744
	+	1 75435	54381		+	1 72983	36439
	-	245 19857			-	245 24152	
88	.99375	23454	74593	98	.99392	64323	55183
	+	1 75190	34524		+	1 72738	12287
	-	245 20287			-	245 24577	
89	.99376	98645	09117	99	.99394	37061	67470
	+	1 74945	14237		+	1 72492	87710
	-	245 20722			-	245 25004	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

93°	Sine.			93°	Sine.		
00'	.99396	09554	55180	10'	.99413	20993	87155
	+	1 72247	62706		+	1 69794	89396
	-	245 25429			-	245 29646	
01	.99397	81802	17886	11	.99414	90788	76551
	+	1 72002	37277		+	1 69549	59750
	-	245 25853			-	245 30064	
02	.99399	53804	55163	12	.99416	60338	36301
	+	1 71757	11424		+	1 69304	29686
	-	245 26276			-	245 30480	
03	.99401	25561	66587	13	.99418	29642	65987
	+	1 71511	85148		+	1 69058	99206
	-	245 26700			-	245 30899	
04	.99402	97073	51735	14	.99419	98701	65193
	+	1 71266	58448		+	1 68813	68307
	-	245 27122			-	245 31316	
05	.99404	68340	10183	15	.99421	67515	33500
	+	1 71021	31326		+	1 68568	36991
	-	245 27546			-	245 31730	
06	.99406	39361	41509	16	.99423	36083	70491
	+	1 70776	03780		+	1 68323	05261
	-	245 27964			-	245 32146	
07	.99408	10137	45289	17	.99425	04406	75752
	+	1 70530	75816		+	1 68077	73115
	-	245 28388			-	245 32562	
08	.99409	80668	21105	18	.99426	72484	48867
	+	1 70285	47428		+	1 67832	40553
	-	245 28806			-	245 32974	
09	.99411	50953	68533	19	.99428	40316	89420
	+	1 70040	18622		+	1 67587	07579
	-	245 29226			-	245 33389	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

93 ^c	Sine.			93 ^c	Sine.		
20'	.99430	07903	96999	30'	.99446	70280	68483
	+	1 67341	74190		+	1 64888	17694
	-	245 33802			-	245 37896	
21	.99431	75245	71189	31	.99448	35168	86177
	+	1 67096	40388		+	1 64642	79798
	-	245 34213			-	245 38304	
22	.99433	42342	11577	32	.99449	99811	65975
	+	1 66851	06175		+	1 64397	41494
	-	245 34626			-	245 38710	
23	.99435	09193	17752	33	.99451	64209	07469
	+	1 66605	71549		+	1 64152	02784
	-	245 35036			-	245 39113	
24	.99436	75798	89301	34	.99453	28361	10253
	+	1 66360	36513		+	1 63906	63671
	-	245 35448			-	245 39519	
25	.99438	42159	25814	35	.99454	92267	73924
	+	1 66115	01065		+	1 63661	24152
	-	245 35856			-	245 39922	
26	.99440	08274	26879	36	.99456	55928	98076
	+	1 65869	65209		+	1 63415	84230
	-	245 36266			-	245 40326	
27	.99441	74143	92088	37	.99458	19344	82306
	+	1 65624	28943		+	1 63170	43904
	-	245 36676			-	245 40728	
28	.99443	39768	21031	38	.99459	82515	26210
	+	1 65378	92267		+	1 62925	03176
	-	245 37082			-	245 41130	
29	.99445	05147	13298	39	.99461	45440	29386
	+	1 65133	55185		+	1 62679	62046
	-	245 37491			-	245 41531	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

93°	Sine.			93°	Sine.		
40'	.99463	08119	91432	50'	.99479	21417	61726
	+	1 62434	20515		+	1 59979	83256
	-	245 41933			-	245 45908	
41	.99464	70554	11947	51	.99480	81397	44982
	+	1 62188	78582		+	1 59734	37348
	-	245 42333			-	245 46300	
42	.99466	32742	90529	52	.99482	41131	82330
	+	1 61943	36249		+	1 59488	91048
	-	245 42731			-	245 46695	
43	.99467	94686	26778	53	.99484	00620	73378
	+	1 61697	93518		+	1 59243	44353
	-	245 43132			-	245 47088	
44	.99469	56384	20296	54	.99485	59864	17731
	+	1 61452	50386		+	1 58997	97265
	-	245 43529			-	245 47480	
45	.99471	17836	70682	55	.99487	18862	14996
	+	1 61207	06857		+	1 58752	49785
	-	245 43927			-	245 47871	
46	.99472	79043	77539	56	.99488	77614	64781
	+	1 60961	62930		+	1 58507	01914
	-	245 44325			-	245 48262	
47	.99474	40005	40469	57	.99490	36121	66695
	+	1 60716	18605		+	1 58261	53652
	-	245 44720			-	245 48654	
48	.99476	00721	59074	58	.99491	94383	20347
	+	1 60470	73885		+	1 58016	04998
	-	245 45118			-	245 49043	
49	.99477	61192	32959	59	.99493	52399	25345
	+	1 60225	28767		+	1 57770	55955
	-	245 45511			-	245 49432	

93°	Sine.			93°	Sine.		
60'	.99495	10169	81300	70'	.99510	74372	58145
	+	1	57525 06523		+	1	55069 90922
	-		245 49821		-		245 53673
61	.99496	67694	87823	71	.99512	29442	49067
	+	1	57279 56702		+	1	54824 37249
	-		245 50209		-		245 54057
62	.99498	24974	44525	72	.99513	84266	86316
	+	1	57034 06493		+	1	54578 83192
	-		245 50597		-		245 54438
63	.99499	82008	51018	73	.99515	38845	69508
	+	1	56788 55896		+	1	54333 28754
	-		245 50983		-		245 54819
64	.99501	38797	06914	74	.99516	93178	98262
	+	1	56543 04913		+	1	54087 73935
	-		245 51369		-		245 55199
65	.99502	95340	11827	75	.99518	47266	72197
	+	1	56297 53544		+	1	53842 18736
	-		245 51756		-		245 55578
66	.99504	51637	65371	76	.99520	01108	90933
	+	1	56052 01788		+	1	53596 63158
	-		245 52140		-		245 55957
67	.99506	07689	67159	77	.99521	54705	54091
	+	1	55806 49648		+	1	53351 07201
	-		245 52525		-		245 56336
68	.99507	63496	16807	78	.99523	08056	61292
	+	1	55560 97123		+	1	53105 50865
	-		245 52908		-		245 56714
69	.99509	19057	13930	79	.99524	61162	12157
	+	1	55315 44215		+	1	52859 94151
	-		245 53293		-		245 57090

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

93 ^c	Sine.			93 ^c	Sine.		
80'	.99526	14022	06308	90'	.99541	29114	45898
	+	1 52614	37061		+	1 50158	45542
	-	245 57468			-	245 61199	
81	.99527	66636	43369	91	.99542	79272	91440
	+	1 52368	79593		+	1 49912	84343
	-	245 57843			-	245 61570	
82	.99529	19005	22962	92	.99544	29185	75783
	+	1 52123	21750		+	1 49667	22773
	-	245 58218			-	245 61938	
83	.99530	71128	44712	93	.99545	78852	98556
	+	1 51877	63532		+	1 49421	60835
	-	245 58594			-	245 62308	
84	.99532	23006	08244	94	.99547	28274	59391
	+	1 51632	04938		+	1 49175	98527
	-	245 58968			-	245 62676	
85	.99533	74638	13182	95	.99548	77450	57918
	+	1 51386	45970		+	1 48930	35851
	-	245 59340			-	245 63042	
86	.99535	26024	59152	96	.99550	26380	93769
	+	1 51140	86630		+	1 48684	72809
	-	245 59715			-	245 63410	
87	.99536	77165	45782	97	.99551	75065	66578
	+	1 50895	26915		+	1 48439	09399
	-	245 60085			-	245 63777	
88	.99538	28060	72697	98	.99553	23504	75977
	+	1 50649	66830		+	1 48193	45622
	-	245 60459			-	245 64141	
89	.99539	78710	39527	99	.99554	71698	21599
	+	1 50404	06371		+	1 47947	81481
	-	245 60829			-	245 64507	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

94 ^c	Sine.			94 ^c	Sine.		
00'	.99556	19646	03080	10'	.99570	85613	10080
	+	1 47702	16974		+	1 45245	51962
	-	245 64871			-	245 68483	
01	.99557	67348	20054	11	.99572	30858	62042
	+	1 47456	52103		+	1 44999	83479
	-	245 65236			-	245 68840	
02	.99559	14804	72157	12	.99573	75858	45521
	+	1 47210	86867		+	1 44754	14639
	-	245 65597			-	245 69197	
03	.99560	62015	59024	13	.99575	20612	60160
	+	1 46965	21270		+	1 44508	45442
	-	245 65962			-	245 69554	
04	.99562	08980	80294	14	.99576	65121	05602
	+	1 46719	55308		+	1 44262	75888
	-	245 66323			-	245 69910	
05	.99563	55700	35602	15	.99578	09383	81490
	+	1 46473	88985		+	1 44017	05978
	-	245 66684			-	245 70265	
06	.99565	02174	24587	16	.99579	53400	87468
	+	1 46228	22301		+	1 43771	35713
	-	245 67045			-	245 70619	
07	.99566	48402	46888	17	.99580	97172	23181
	+	1 45982	55256		+	1 43525	65094
	-	245 67405			-	245 70975	
08	.99567	94385	02144	18	.99582	40697	88275
	+	1 45736	87851		+	1 43279	94119
	-	245 67766			-	245 71327	
09	.99569	40121	89995	19	.99583	83977	82394
	+	1 45491	20085		+	1 43034	22792
	-	245 68123			-	245 71681	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

94 ^c	Sine.			94 ^c	Sine.		
20'	.99585	27012	05186	30'	.99599	43839	32746
	+	1 42788	51111		+	1 40331	15029
	-	245 72033			-	245 75522	
21	.99586	69800	56297	31	.99600	84170	47775
	+	1 42542	79078		+	1 40085	39507
	-	245 72384			-	245 75869	
22	.99588	12343	35375	32	.99602	24255	87282
	+	1 42297	06694		+	1 39839	63638
	-	245 72735			-	245 76212	
23	.99589	54640	42069	33	.99603	64095	50920
	+	1 42051	33959		+	1 39593	87426
	-	245 73087			-	245 76559	
24	.99590	96691	76028	34	.99605	03689	38346
	+	1 41805	60872		+	1 39348	10867
	-	245 73435			-	245 76901	
25	.99592	38497	36900	35	.99606	43037	49213
	+	1 41559	87437		+	1 39102	33966
	-	245 73786			-	245 77245	
26	.99593	80057	24337	36	.99607	82139	83179
	+	1 41314	13651		+	1 38856	56721
	-	245 74134			-	245 77587	
27	.99595	21371	37988	37	.99609	20996	39900
	+	1 41068	39517		+	1 38610	79134
	-	245 74482			-	245 77929	
28	.99596	62439	77505	38	.99610	59607	19034
	+	1 40822	65035		+	1 38365	01205
	-	245 74829			-	245 78272	
29	.99598	03262	42540	39	.99611	97972	20239
	+	1 40576	90206		+	1 38119	22933
	-	245 75177			-	245 78610	

94 ^c	Sine.			94 ^c	Sine.		
40'	.99613	36091	43172	50'	.99627	03764	92941
	+	1 37873	44323		+	1 35415	39596
	-	245 78953			-	245 82320	
41	.99614	73964	87495	51	.99628	39180	32537
	+	1 37627	65370		+	1 35169	57276
	-	245 79291			-	245 82654	
42	.99616	11592	52865	52	.99629	74349	89813
	+	1 37381	86079		+	1 34923	74622
	-	245 79630			-	245 82987	
43	.99617	48974	38944	53	.99631	09273	64435
	+	1 37136	06449		+	1 34677	91635
	-	245 79970			-	245 83319	
44	.99618	86110	45393	54	.99632	43951	56070
	+	1 36890	26479		+	1 34432	08316
	-	245 80305			-	245 83651	
45	.99620	23000	71872	55	.99633	78383	64386
	+	1 36644	46174		+	1 34186	24665
	-	245 80644			-	245 83981	
46	.99621	59645	18046	56	.99635	12569	89051
	+	1 36398	65530		+	1 33940	40684
	-	245 80980			-	245 84313	
47	.99622	96043	83576	57	.99636	46510	29735
	+	1 36152	84550		+	1 33694	56371
	-	245 81317			-	245 84642	
48	.99624	32196	68126	58	.99637	80204	86106
	+	1 35907	03233		+	1 33448	71729
	-	245 81651			-	245 84972	
49	.99625	68103	71359	59	.99639	13653	57835
	+	1 35661	21582		+	1 33202	86757
	-	245 81986			-	245 85299	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

94 ^c	Sine.			94 ^c	Sine.		
60'	.99640	46856	44592	70'	.99653	65362	66731
	+	1 32957	01458		+	1 30498	30513
	-	245 85629			-	245 88875	
61	.99641	79813	46050	71	.99654	95860	97244
	+	1 32711	15829		+	1 30252	41638
	-	245 85955			-	245 89197	
62	.99643	12524	61879	72	.99656	26113	38882
	+	1 32465	29874		+	1 30006	52441
	-	245 86283			-	245 89518	
63	.99644	44989	91753	73	.99657	56119	91323
	+	1 32219	43591		+	1 29760	62923
	-	245 86609			-	245 89837	
64	.99645	77209	35344	74	.99658	85880	54246
	+	1 31973	56982		+	1 29514	73086
	-	245 86934			-	245 90158	
65	.99647	09182	92326	75	.99660	15395	27332
	+	1 31727	70048		+	1 29268	82928
	-	245 87259			-	245 90476	
66	.99648	40910	62374	76	.99661	44664	10260
	+	1 31481	82789		+	1 29022	92452
	-	245 87584			-	245 90795	
67	.99649	72392	45163	77	.99662	73687	02712
	+	1 31235	95205		+	1 28777	01657
	-	245 87908			-	245 91112	
68	.99651	03628	40368	78	.99664	02464	04369
	+	1 30990	07297		+	1 28531	10545
	-	245 88231			-	245 91429	
69	.99652	34618	47665	79	.99665	30995	14914
	+	1 30744	19066		+	1 28285	19116
	-	245 88553			-	245 91747	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

94 ^c	Sine.			94 ^c	Sine.		
80'	.99666	59280	34030	90'	.99679	28606	27227
	+	1 28039	27369		+	1 25579	92633
	-	245 92061			-	245 95187	
81	.99667	87319	61399	91	.99680	54186	19860
	+	1 27793	35308		+	1 25333	97446
	-	245 92378			-	245 95497	
82	.99669	15112	96707	92	.99681	79520	17306
	+	1 27547	42930		+	1 25088	01949
	-	245 92691			-	245 95806	
83	.99670	42660	39637	93	.99683	04608	19255
	+	1 27301	50239		+	1 24842	06143
	-	245 93007			-	245 96114	
84	.99671	69961	89876	94	.99684	29450	25398
	+	1 27055	57232		+	1 24596	10029
	-	245 93320			-	245 96421	
85	.99672	97017	47108	95	.99685	54046	35427
	+	1 26809	63912		+	1 24350	13608
	-	245 93631			-	245 96728	
86	.99674	23827	11020	96	.99686	78396	49035
	+	1 26563	70281		+	1 24104	16880
	-	245 93946			-	245 97034	
87	.99675	50390	81301	97	.99688	02500	65915
	+	1 26317	76335		+	1 23858	19846
	-	245 94256			-	245 97340	
88	.99676	76708	57636	98	.99689	26358	85761
	+	1 26071	82079		+	1 23612	22506
	-	245 94567			-	245 97645	
89	.99678	02780	39715	99	.99690	49971	08267
	+	1 25825	87512		+	1 23366	24861
	-	245 94879			-	245 97949	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

95°	Sine.			95°	Sine.		
00'	.99691	73337	33128	10'	.99703	93470	44609
	+	1 23120	26912		+	1 20660	30812
	-	245 98253			-	246 01258	
01	.99692	96457	60040	11	.99705	14130	75421
	+	1 22874	28659		+	1 20414	29554
	-	245 98556			-	246 01554	
02	.99694	19331	88699	12	.99706	34545	04975
	+	1 22628	30103		+	1 20168	28000
	-	245 98859			-	246 01852	
03	.99695	41960	18802	13	.99707	54713	32975
	+	1 22382	31244		+	1 19922	26148
	-	245 99161			-	246 02146	
04	.99696	64342	50046	14	.99708	74635	59123
	+	1 22136	32083		+	1 19676	24002
	-	245 99461			-	246 02443	
05	.99697	86478	82129	15	.99709	94311	83125
	+	1 21890	32622		+	1 19430	21559
	-	245 99764			-	246 02737	
06	.99699	08369	14751	16	.99711	13742	04684
	+	1 21644	32858		+	1 19184	18822
	-	246 00063			-	246 03030	
07	.99700	30013	47609	17	.99712	32926	23506
	+	1 21398	32795		+	1 18938	15792
	-	246 00362			-	246 03325	
08	.99701	51411	80404	18	.99713	51864	39298
	+	1 21152	32433		+	1 18692	12467
	-	246 00661			-	246 03618	
09	.99702	72564	12837	19	.99714	70556	51765
	+	1 20906	31772		+	1 18446	08849
	-	246 00960			-	246 03909	

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

95 ^c	Sine.			95 ^c	Sine.		
20'	.99715	89002	60614	30'	.99727	59930	86157
	+	1 18200	04940		+	1 15739	49903
	-	246	04202		-	246	07084
21	.99717	07202	65554	31	.99728	75670	36060
	+	1 17954	00738		+	1 15493	42819
	-	246	04492		-	246	07370
22	.99718	25156	66292	32	.99729	91163	78879
	+	1 17707	96246		+	1 15247	35449
	-	246	04782		-	246	07653
23	.99719	42864	62538	33	.99731	06411	14328
	+	1 17461	91464		+	1 15001	27796
	-	246	05073		-	246	07938
24	.99720	60326	54002	34	.99732	21412	42124
	+	1 17215	86391		+	1 14755	19858
	-	246	05362		-	246	08220
25	.99721	77542	40393	35	.99733	36167	61982
	+	1 16969	81029		+	1 14509	11638
	-	246	05651		-	246	08503
26	.99722	94512	21422	36	.99734	50676	73620
	+	1 16723	75378		+	1 14263	03135
	-	246	05937		-	246	08786
27	.99724	11235	96800	37	.99735	64939	76755
	+	1 16477	69441		+	1 14016	94349
	-	246	06227		-	246	09065
28	.99725	27713	66241	38	.99736	78956	71104
	+	1 16231	63214		+	1 13770	85284
	-	246	06512		-	246	09348
29	.99726	43945	29455	39	.99737	92727	56388
	+	1 15985	56702		+	1 13524	75936
	-	246	06799		-	246	09627

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

95 ^c	Sine.			95 ^c	Sine.		
40'	.99739	06252	32324	50'	.99750	27964	16270
	+	1	13278 66309		+	1	10817 54764
	-		246 09907		-		246 12668
41	.99740	19530	98633	51	.99751	38781	71034
	+	1	13032 56402		+	1	10571 42096
	-		246 10186		-		246 12941
42	.99741	32563	55035	52	.99752	49353	13130
	+	1	12786 46216		+	1	10325 29155
	-		246 10463		-		246 13214
43	.99742	45350	01251	53	.99753	59678	42285
	+	1	12540 35753		+	1	10079 15941
	-		246 10742		-		246 13484
44	.99743	57890	37004	54	.99754	69757	58226
	+	1	12294 25011		+	1	09833 02457
	-		246 11019		-		246 13757
45	.99744	70184	62015	55	.99755	79590	60683
	+	1	12048 13992		+	1	09586 88700
	-		246 11294		-		246 14026
46	.99745	82232	76007	56	.99756	89177	49383
	+	1	11802 02698		+	1	09340 74674
	-		246 11572		-		246 14297
47	.99746	94034	78705	57	.99757	98518	24057
	+	1	11555 91126		+	1	09094 60377
	-		246 11846		-		246 14564
48	.99748	05590	69831	58	.99759	07612	84434
	+	1	11309 79280		+	1	08848 45813
	-		246 12121		-		246 14835
49	.99749	16900	49111	59	.99760	16461	30247
	+	1	11063 67159		+	1	08602 30978
	-		246 12395		-		246 15101

95°	Sine.			95°	Sine.		
60'	.99761	25063	61225	70'	.99771	97547	96491
	+	1 08356	15877		+	1 05894	50253
	-	246	15370		-	246	18010
61	.99762	33419	77102	71	.99773	03442	46744
	+	1 08110	00507		+	1 05648	32243
	-	246	15636		-	246	18270
62	.99763	41529	77609	72	.99774	09090	78987
	+	1 07863	84871		+	1 05402	13973
	-	246	15902		-	246	18529
63	.99764	49393	62480	73	.99775	14492	92960
	+	1 07617	68969		+	1 05155	95444
	-	246	16167		-	246	18791
64	.99765	57011	31449	74	.99776	19648	88404
	+	1 07371	52802		+	1 04909	76653
	-	246	16434		-	246	19048
65	.99766	64382	84251	75	.99777	24558	65057
	+	1 07125	36368		+	1 04663	57605
	-	246	16696		-	246	19307
66	.99767	71508	20619	76	.99778	29222	22662
	+	1 06879	19672		+	1 04417	38298
	-	246	16961		-	246	19564
67	.99768	78387	40291	77	.99779	33639	60960
	+	1 06633	02711		+	1 04171	18734
	-	246	17223		-	246	19821
68	.99769	85020	43002	78	.99780	37810	79694
	+	1 06386	85488		+	1 03924	98913
	-	246	17487		-	246	20079
69	.99770	91407	28490	79	.99781	41735	78607
	+	1 06140	68001		+	1 03678	78834
	-	246	17748		-	246	20333

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

95 ^c	Sine.			95 ^c	Sine.		
80'	.99782	45414	57441	90'	.99792	68660	85527
	+	1 03432	58501		+	1 00970	41228
	-	246	20589		-	246	23107
81	.99783	48847	15942	91	.99793	69631	26755
	+	1 03186	37912		+	1 00724	18121
	-	246	20843		-	246	23357
82	.99784	52033	53854	92	.99794	70355	44876
	+	1 02940	17069		+	1 00477	94764
	-	246	21098		-	246	23604
83	.99785	54973	70923	93	.99795	70833	39640
	+	1 02693	95971		+	1 00231	71160
	-	246	21350		-	246	23851
84	.99786	57667	66894	94	.99796	71065	10800
	+	1 02447	74621		+	99985	47309
	-	246	21605		-	246	24098
85	.99787	60115	41515	95	.99797	71050	58109
	+	1 02201	53016		+	99739	23211
	-	246	21855		-	246	24344
86	.99788	62316	94531	96	.99798	70789	81320
	+	1 01955	31161		+	99492	98867
	-	246	22108		-	246	24589
87	.99789	64272	25692	97	.99799	70282	80187
	+	1 01709	09053		+	99246	74278
	-	246	22357		-	246	24836
88	.99790	65981	34745	98	.99800	69529	54465
	+	1 01462	86696		+	99000	49442
	-	246	22610		-	246	25077
89	.99791	67444	21441	99	.99801	68530	03907
	+	1 01216	64086		+	98754	24365
	-	246	22858		-	246	25324

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

96°	Sine.			96°	Sine.		
00'	.99802	67284	28272	10'	.99812	41282	39275
	+	98507	99041		+	96045	32549
	-	246	25565		-	246	27962
01	.99803	65792	27313	11	.99813	37327	71824
	+	98261	73476		+	95799	04587
	-	246	25807		-	246	28200
02	.99804	64054	00789	12	.99814	33126	76411
	+	98015	47669		+	95552	76387
	-	246	26051		-	246	28434
03	.99805	62069	48458	13	.99815	28679	52798
	+	97769	21618		+	95306	47953
	-	246	26291		-	246	28670
04	.99806	59838	70076	14	.99816	23986	00751
	+	97522	95327		+	95060	19283
	-	246	26531		-	246	28904
05	.99807	57361	65403	15	.99817	19046	20034
	+	97276	68796		+	94813	90379
	-	246	26772		-	246	29139
06	.99808	54638	34199	16	.99818	13860	10413
	+	97030	42024		+	94567	61240
	-	246	27011		-	246	29372
07	.99809	51668	76223	17	.99819	08427	71653
	+	96784	15013		+	94321	31868
	-	246	27249		-	246	29604
08	.99810	48452	91236	18	.99820	02749	03521
	+	96537	87764		+	94075	02264
	-	246	27489		-	246	29837
09	.99811	44990	79000	19	.99820	96824	05785
	+	96291	60275		+	93828	72427
	-	246	27726		-	246	30068

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

96°	Sine.			96°	Sine.		
20'	.99821	90652	78212	30'	.99831	15393	10835
	+	93582	42359		+	91119	29078
	-	246	30299		-	246	32574
21	.99822	84235	20571	31	.99832	06512	39913
	+	93336	12060		+	90872	96504
	-	246	30530		-	246	32800
22	.99823	77571	32631	32	.99832	97385	36417
	+	93089	81530		+	90626	63704
	-	246	30758		-	246	33022
23	.99824	70661	14161	33	.99833	88012	00121
	+	92843	50772		+	90380	30682
	-	246	30989		-	246	33246
24	.99825	63504	64933	34	.99834	78392	30803
	+	92597	19783		+	90133	97436
	-	246	31216		-	246	33468
25	.99826	56101	84716	35	.99835	68526	28239
	+	92350	88567		+	89887	63968
	-	246	31445		-	246	33689
26	.99827	48452	73283	36	.99836	58413	92207
	+	92104	57122		+	89641	30279
	-	246	31672		-	246	33911
27	.99828	40557	30405	37	.99837	48055	22486
	+	91858	25450		+	89394	96368
	-	246	31897		-	246	34132
28	.99829	32415	55855	38	.99838	37450	18854
	+	91611	93553		+	89148	62236
	-	246	32126		-	246	34351
29	.99830	24027	49408	39	.99839	26598	81090
	+	91365	61427		+	88902	27885
	-	246	32349		-	246	34571

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

96°	Sine.			96°	Sine.		
40'	.99840	15501	08975	50'	.99848	90974	50538
	+	88655	93314		+	86192	35675
	-	246	34789		-	246	36943
41	.99841	04157	02289	51	.99849	77166	86213
	+	88409	58525		+	85945	98732
	-	246	35008		-	246	37156
42	.99841	92566	60814	52	.99850	63112	84945
	+	88163	23517		+	85699	61576
	-	246	35226		-	246	37367
43	.99842	80729	84331	53	.99851	48812	46521
	+	87916	88291		+	85453	24209
	-	246	35441		-	246	37578
44	.99843	68646	72622	54	.99852	34265	70730
	+	87670	52850		+	85206	86631
	-	246	35659		-	246	37788
45	.99844	56317	25472	55	.99853	19472	57361
	+	87424	17191		+	84960	48843
	-	246	35874		-	246	37998
46	.99845	43741	42663	56	.99854	04433	06204
	+	87177	81317		+	84714	10845
	-	246	36089		-	246	38207
47	.99846	30919	23980	57	.99854	89147	17049
	+	86931	45228		+	84467	72638
	-	246	36304		-	246	38415
48	.99847	17850	69208	58	.99855	73614	89687
	+	86685	08924		+	84221	34223
	-	246	36518		-	246	38623
49	.99848	04535	78132	59	.99856	57836	23910
	+	86438	72406		+	83974	95600
	-	246	36731		-	246	38831

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

96 ^c	Sine.			96 ^c	Sine.		
60'	.99857	41811	19510	70'	.99865	68009	05955
	+	83728	56769		+	81264	57204
	-	246	39036		-	246	41069
61	.99858	25539	76279	71	.99866	49273	63159
	+	83482	17733		+	81018	16135
	-	246	39243		-	246	41269
62	.99859	09021	94012	72	.99867	30291	79294
	+	83235	78490		+	80771	74866
	-	246	39449		-	246	41468
63	.99859	92257	72502	73	.99868	11063	54160
	+	82989	39041		+	80525	33398
	-	246	39652		-	246	41668
64	.99860	75247	11543	74	.99868	91588	87558
	+	82742	99389		+	80278	91730
	-	246	39858		-	246	41866
65	.99861	57990	10932	75	.99869	71867	79288
	+	82496	59531		+	80032	49864
	-	246	40060		-	246	42062
66	.99862	40486	70463	76	.99870	51900	29152
	+	82250	19471		+	79786	07802
	-	246	40264		-	246	42260
67	.99863	22736	89934	77	.99871	31686	36954
	+	82003	79207		+	79539	65542
	-	246	40466		-	246	42455
68	.99864	04740	69141	78	.99872	11226	02496
	+	81757	38741		+	79293	23087
	-	246	40668		-	246	42653
69	.99864	86498	07882	79	.99872	90519	25583
	+	81510	98073		+	79046	80434
	-	246	40869		-	246	42845

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

96 ^c	Sine.			96 ^c	Sine.		
80'	.99873	69566	06017	90'	.99881	46480	21921
	+	78800	37589		+	76335	98529
	-	246	43042		-	246	44952
81	.99874	48366	43606	91	.99882	22816	20450
	+	78553	94547		+	76089	53577
	-	246	43235		-	246	45140
82	.99875	26920	38153	92	.99882	98905	74027
	+	78307	51312		+	75843	08437
	-	246	43428		-	246	45327
83	.99876	05227	89465	93	.99883	74748	82464
	+	78061	07884		+	75596	63110
	-	246	43620		-	246	45513
84	.99876	83288	97349	94	.99884	50345	45574
	+	77814	64264		+	75350	17597
	-	246	43814		-	246	45699
85	.99877	61103	61613	95	.99885	25695	63171
	+	77568	20450		+	75103	71898
	-	246	44003		-	246	45885
86	.99878	38671	82063	96	.99886	00799	35069
	+	77321	76447		+	74857	26013
	-	246	44195		-	246	46069
87	.99879	15993	58510	97	.99886	75656	61082
	+	77075	32252		+	74610	79944
	-	246	44385		-	246	46254
88	.99879	93068	90762	98	.99887	50267	41026
	+	76828	87867		+	74364	33690
	-	246	44575		-	246	46436
89	.99880	69897	78629	99	.99888	24631	74716
	+	76582	43292		+	74117	87254
	-	246	44763		-	246	46620

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

97 ^c	Sine.			97 ^c	Sine.		
00'	.99888	98749	61970	10'	.99896	26372	40549
	+	73871	40634		+	71406	64512
	-	246	46802		-	246	48590
01	.99889	72621	02604	11	.99896	97779	05061
	+	73624	93832		+	71160	15922
	-	246	46984		-	246	48768
02	.99890	46245	96436	12	.99897	68939	20983
	+	73378	46848		+	70913	67154
	-	246	47164		-	246	48942
03	.99891	19624	43284	13	.99898	39852	88137
	+	73131	99684		+	70667	18212
	-	246	47345		-	246	49115
04	.99891	92756	42968	14	.99899	10520	06349
	+	72885	52339		+	70420	69097
	-	246	47526		-	246	49291
05	.99892	65641	95307	15	.99899	80940	75446
	+	72639	04813		+	70174	19806
	-	246	47703		-	246	49463
06	.99893	38281	00120	16	.99900	51114	95252
	+	72392	57110		+	69927	70343
	-	246	47884		-	246	49635
07	.99894	10673	57230	17	.99901	21042	65595
	+	72146	09226		+	69681	20708
	-	246	48060		-	246	49808
08	.99894	82819	66456	18	.99901	90723	86303
	+	71899	61166		+	69434	70900
	-	246	48239		-	246	49978
09	.99895	54719	27622	19	.99902	60158	57203
	+	71653	12927		+	69188	20922
	-	246	48415		-	246	50150

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

97 ^c	Sine.			97 ^c	Sine.		
20'	.99903	29346	78125	30'	.99910	07671	01245
	+	68941	70772		+	66476	60021
	-	246	50320		-	246	51988
21	.99903	98288	48897	31	.99910	74147	61266
	+	68695	20452		+	66230	08033
	-	246	50489		-	246	52151
22	.99904	66983	69349	32	.99911	40377	69299
	+	68448	69963		+	65983	55882
	-	246	50659		-	246	52313
23	.99905	35432	39312	33	.99912	06361	25181
	+	68202	19304		+	65737	03569
	-	246	50825		-	246	52475
24	.99906	03634	58616	34	.99912	72098	28750
	+	67955	68479		+	65490	51094
	-	246	50995		-	246	52638
25	.99906	71590	27095	35	.99913	37588	79844
	+	67709	17484		+	65243	98456
	-	246	51160		-	246	52799
26	.99907	39299	44579	36	.99914	02832	78300
	+	67462	66324		+	64997	45657
	-	246	51328		-	246	52958
27	.99908	06762	10903	37	.99914	67830	23957
	+	67216	14996		+	64750	92699
	-	246	51494		-	246	53118
28	.99908	73978	25899	38	.99915	32581	16656
	+	66969	63502		+	64504	39581
	-	246	51658		-	246	53278
29	.99909	40947	89401	39	.99915	97085	56237
	+	66723	11844		+	64257	86303
	-	246	51823		-	246	53436

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

97 ^c	Sine.			97 ^c	Sine.		
40'	.99916	61343	42540	50'	.99922	90362	40723
	+	64011	32867		+	61545	89919
	-	246	53594		-	246	55140
41	.99917	25354	75407	51	.99923	51908	30642
	+	63764	79273		+	61299	34779
	-	246	53752		-	246	55291
42	.99917	89119	54680	52	.99924	13207	65421
	+	63518	25521		+	61052	79488
	-	246	53908		-	246	55443
43	.99918	52637	80201	53	.99924	74260	44909
	+	63271	71613		+	60806	24045
	-	246	54064		-	246	55591
44	.99919	15909	51814	54	.99925	35066	68954
	+	63025	17549		+	60559	68454
	-	246	54219		-	246	55741
45	.99919	78934	69363	55	.99925	95626	37408
	+	62778	63330		+	60313	12713
	-	246	54376		-	246	55891
46	.99920	41713	32693	56	.99926	55939	50121
	+	62532	08954		+	60066	56822
	-	246	54528		-	246	56038
47	.99921	04245	41647	57	.99927	16006	06943
	+	62285	54426		+	59820	00784
	-	246	54683		-	246	56187
48	.99921	66530	96073	58	.99927	75826	07727
	+	62038	99743		+	59573	44597
	-	246	54836		-	246	56332
49	.99922	28569	95816	59	.99928	35399	52324
	+	61792	44907		+	59326	88265
	-	246	54988		-	246	56479

97 ^c	Sine.			97 ^c	Sine.		
60'	.99928	94726	40589	70'	.99934	74433	93018
	+	59080	31786		+	56614	59074
	-	246	56626		-	246	58049
61	.99929	53806	72375	71	.99935	31048	52092
	+	58833	75160		+	56368	01025
	-	246	56770		-	246	58189
62	.99930	12640	47535	72	.99935	87416	53117
	+	58587	18390		+	56121	42836
	-	246	56915		-	246	58326
63	.99930	71227	65925	73	.99936	43537	95953
	+	58340	61475		+	55874	84510
	-	246	57059		-	246	58466
64	.99931	29568	27400	74	.99936	99412	80463
	+	58094	04416		+	55628	26044
	-	246	57202		-	246	58602
65	.99931	87662	31816	75	.99937	55041	06507
	+	57847	47214		+	55381	67442
	-	246	57345		-	246	58738
66	.99932	45509	79030	76	.99938	10422	73949
	+	57600	89869		+	55135	08704
	-	246	57487		-	246	58876
67	.99933	03110	68899	77	.99938	65557	82653
	+	57354	32382		+	54888	49828
	-	246	57629		-	246	59009
68	.99933	60465	01281	78	.99939	20446	32481
	+	57107	74753		+	54641	90819
	-	246	57769		-	246	59146
69	.99934	17572	76034	79	.99939	75088	23300
	+	56861	16984		+	54395	31673
	-	246	57910		-	246	59279

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

97 ^c	Sine.			97 ^c	Sine.		
80'	.99940	29483	54973	90'	.99945	59873	89500
	+	54148	72394		+	51682	72353
	-	246	59413		-	246	60715
81	.99940	83632	27367	91	.99946	11556	61853
	+	53902	12981		+	51436	11638
	-	246	59546		-	246	60843
82	.99941	37534	40348	92	.99946	62992	73491
	+	53655	53435		+	51189	50795
	-	246	59678		-	246	60969
83	.99941	91189	93783	93	.99947	14182	24286
	+	53408	93757		+	50942	89826
	-	246	59810		-	246	61094
84	.99942	44598	87540	94	.99947	65125	14112
	+	53162	33947		+	50696	28732
	-	246	59942		-	246	61219
85	.99942	97761	21487	95	.99948	15821	42844
	+	52915	74005		+	50449	67513
	-	246	60071		-	246	61344
86	.99943	50676	95492	96	.99948	66271	10357
	+	52669	13934		+	50203	06169
	-	246	60202		-	246	61469
87	.99944	03346	09426	97	.99949	16474	16526
	+	52422	53732		+	49956	44700
	-	246	60331		-	246	61590
88	.99944	55768	63158	98	.99949	66430	61226
	+	52175	93401		+	49709	83110
	-	246	60460		-	246	61714
89	.99945	07944	56559	99	.99950	16140	44336
	+	51929	32941		+	49463	21396
	-	246	60588		-	246	61836

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

98 ^c	Sine.			98 ^c	Sine.		
00'	.99950	65603	65732	10'	.99955	46671	58883
	+	49216	59560		+	46750	34623
	-	246	61958		-	246	63138
01	.99951	14820	25292	11	.99955	93421	93506
	+	48969	97602		+	46503	71485
	-	246	62077		-	246	63252
02	.99951	63790	22894	12	.99956	39925	64991
	+	48723	35525		+	46257	08233
	-	246	62199		-	246	63368
03	.99952	12513	58419	13	.99956	86182	73224
	+	48476	73326		+	46010	44865
	-	246	62317		-	246	63481
04	.99952	60990	31745	14	.99957	32193	18089
	+	48230	11009		+	45763	81384
	-	246	62438		-	246	63593
05	.99953	09220	42754	15	.99957	77956	99473
	+	47983	48571		+	45517	17791
	-	246	62555		-	246	63706
06	.99953	57203	91325	16	.99958	23474	17264
	+	47736	86016		+	45270	54085
	-	246	62673		-	246	63817
07	.99954	04940	77341	17	.99958	68744	71349
	+	47490	23343		+	45023	90268
	-	246	62790		-	246	63929
08	.99954	52431	00684	18	.99959	13768	61617
	+	47243	60553		+	44777	26339
	-	246	62907		-	246	64038
09	.99954	99674	61237	19	.99959	58545	87956
	+	46996	97646		+	44530	62301
	-	246	63023		-	246	64150

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

98 ^c	Sine.			98 ^c	Sine.		
20'	.99960	03076	50257	30'	.99964	34817	27238
	+	44283	98151		+	41817	50753
	-	246	64258		-	246	65318
21	.99960	47360	48408	31	.99964	76634	77991
	+	44037	33893		+	41570	85435
	-	246	64367		-	246	65420
22	.99960	91397	82301	32	.99965	18205	63426
	+	43790	69526		+	41324	20015
	-	246	64475		-	246	65522
23	.99961	35188	51827	33	.99965	59529	83441
	+	43544	05051		+	41077	54493
	-	246	64582		-	246	65623
24	.99961	78732	56878	34	.99966	00607	37934
	+	43297	40469		+	40830	88870
	-	246	64689		-	246	65724
25	.99962	22029	97347	35	.99966	41438	26804
	+	43050	75780		+	40584	23146
	-	246	64796		-	246	65824
26	.99962	65080	73127	36	.99966	82022	49950
	+	42804	10984		+	40337	57322
	-	246	64901		-	246	65924
27	.99963	07884	84111	37	.99967	22360	07272
	+	42557	46083		+	40090	91398
	-	246	65006		-	246	66023
28	.99963	50442	30194	38	.99967	62450	98670
	+	42310	81077		+	39844	25375
	-	246	65110		-	246	66120
29	.99963	92753	11271	39	.99968	02295	24045
	+	42064	15967		+	39597	59255
	-	246	65214		-	246	66219

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

98 ^c	Sine.			98 ^c	Sine.		
40'	.99968	41892	83300	50'	.99972	24302	18001
	+	39350	93036		+	36884	25609
	-	246	66316		-	246	67252
41	.99968	81243	76336	51	.99972	61186	43610
	+	39104	26720		+	36637	58357
	-	246	66412		-	246	67344
42	.99969	20348	03056	52	.99972	97824	01967
	+	38857	60308		+	36390	91013
	-	246	66508		-	246	67434
43	.99969	59205	63364	53	.99973	34214	92980
	+	38610	93800		+	36144	23579
	-	246	66604		-	246	67522
44	.99969	97816	57164	54	.99973	70359	16559
	+	38364	27196		+	35897	56057
	-	246	66697		-	246	67611
45	.99970	36180	84360	55	.99974	06256	72616
	+	38117	60499		+	35650	88446
	-	246	66793		-	246	67699
46	.99970	74298	44859	56	.99974	41907	61062
	+	37870	93706		+	35404	20747
	-	246	66885		-	246	67787
47	.99971	12169	38565	57	.99974	77311	81809
	+	37624	26821		+	35157	52960
	-	246	66978		-	246	67873
48	.99971	49793	65386	58	.99975	12469	34769
	+	37377	59843		+	34910	85087
	-	246	67071		-	246	67959
49	.99971	87171	25229	59	.99975	47380	19856
	+	37130	92772		+	34664	17128
	-	246	67163		-	246	68045

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

98 ^c	Sine.			98 ^c	Sine.		
60'	.99975	82044	36984	70'	.99979	15118	51981
	+	34417	49083		+	31950	64064
	-	246	68130		-	246	68946
61	.99976	16461	86067	71	.99979	47069	16045
	+	34170	80953		+	31703	95118
	-	246	68214		-	246	69024
62	.99976	50632	67020	72	.99979	78773	11163
	+	33924	12739		+	31457	26094
	-	246	68298		-	246	69101
63	.99976	84556	79759	73	.99980	10230	37257
	+	33677	44441		+	31210	56993
	-	246	68381		-	246	69178
64	.99977	18234	24200	74	.99980	41440	94250
	+	33430	76060		+	30963	87815
	-	246	68463		-	246	69255
65	.99977	51665	00260	75	.99980	72404	82065
	+	33184	07597		+	30717	18560
	-	246	68546		-	246	69331
66	.99977	84849	07857	76	.99981	03122	00625
	+	32937	39051		+	30470	49229
	-	246	68626		-	246	69406
67	.99978	17786	46908	77	.99981	33592	49854
	+	32690	70425		+	30223	79823
	-	246	68707		-	246	69480
68	.99978	50477	17333	78	.99981	63816	29677
	+	32444	01718		+	29977	10343
	-	246	68788		-	246	69554
69	.99978	82921	19051	79	.99981	93793	40020
	+	32197	32930		+	29730	40789
	-	246	68866		-	246	69628

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

98 ^c	Sine.			98 ^c	Sine.		
80'	.99982	23523	80809	90'	.99985	07259	47372
	+	29483	71161		+	27016	70983
	-	246	69700		-	246	70393
81	.99982	53007	51970	91	.99985	34276	18355
	+	29237	01461		+	26770	00590
	-	246	69773		-	246	70462
82	.99982	82244	53431	92	.99985	61046	18945
	+	28990	31688		+	26523	30128
	-	246	69844		-	246	70525
83	.99983	11234	85119	93	.99985	87569	49073
	+	28743	61844		+	26276	59603
	-	246	69915		-	246	70591
84	.99983	39978	46963	94	.99986	13846	08676
	+	28496	91929		+	26029	89012
	-	246	69986		-	246	70655
85	.99983	68475	38892	95	.99986	39875	97688
	+	28250	21943		+	25783	18357
	-	246	70054		-	246	70718
86	.99983	96725	60835	96	.99986	65659	16045
	+	28003	51889		+	25536	47639
	-	246	70124		-	246	70782
87	.99984	24729	12724	97	.99986	91195	63684
	+	27756	81765		+	25289	76857
	-	246	70194		-	246	70844
88	.99984	52485	94489	98	.99987	16485	40541
	+	27510	11571		+	25043	06013
	-	246	70259		-	246	70906
89	.99984	79996	06060	99	.99987	41528	46554
	+	27263	41312		+	24796	35107
	-	246	70329		-	246	70967

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

99 ^c	Sine.			99 ^c	Sine.		
00'	.99987	66324	81661	10'	.99990	00719	19754
	+	24549	64140		+	22082	51239
	-	246	71028		-	246	71600
01	.99987	90874	45801	11	.99990	22801	70993
	+	24302	93112		+	21835	79639
	-	246	71087		-	246	71653
02	.99988	15177	38913	12	.99990	44637	50632
	+	24056	22025		+	21589	07986
	-	246	71147		-	246	71708
03	.99988	39233	60938	13	.99990	66226	58618
	+	23809	50878		+	21342	36278
	-	246	71205		-	246	71759
04	.99988	63043	11816	14	.99990	87568	94896
	+	23562	79673		+	21095	64519
	-	246	71264		-	246	71811
05	.99988	86605	91489	15	.99991	08664	59415
	+	23316	08409		+	20848	92708
	-	246	71322		-	246	71864
06	.99989	09921	99898	16	.99991	29513	52123
	+	23069	37087		+	20602	20844
	-	246	71378		-	246	71913
07	.99989	32991	36985	17	.99991	50115	72967
	+	22822	65709		+	20355	48931
	-	246	71434		-	246	71965
08	.99989	55814	02694	18	.99991	70471	21898
	+	22575	94275		+	20108	76966
	-	246	71490		-	246	72014
09	.99989	78389	96969	19	.99991	90579	98864
	+	22329	22785		+	19862	04952
	-	246	71546		-	246	72062

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

99 ^c	Sine.			99 ^c	Sine.		
20'	.99992	10442	03816	30'	.99993	95492	82101
	+	19615	32890		+	17148	09701
	-	246	72112		-	246	72563
21	.99992	30057	36706	31	.99994	12640	91802
	+	19368	60778		+	16901	37138
	-	246	72158		-	246	72603
22	.99992	49425	97484	32	.99994	29542	28940
	+	19121	88620		+	16654	64535
	-	246	72207		-	246	72644
23	.99992	68547	86104	33	.99994	46196	93475
	+	18875	16413		+	16407	91891
	-	246	72253		-	246	72686
24	.99992	87423	02517	34	.99994	62604	85366
	+	18628	44160		+	16161	19205
	-	246	72298		-	246	72724
25	.99993	06051	46677	35	.99994	78766	04571
	+	18381	71862		+	15914	46481
	-	246	72344		-	246	72765
26	.99993	24433	18539	36	.99994	94680	51052
	+	18134	99518		+	15667	73716
	-	246	72389		-	246	72802
27	.99993	42568	18057	37	.99995	10348	24768
	+	17888	27129		+	15421	00914
	-	246	72433		-	246	72841
28	.99993	60456	45186	38	.99995	25769	25682
	+	17641	54696		+	15174	28073
	-	246	72477		-	246	72878
29	.99993	78097	99882	39	.99995	40943	53755
	+	17394	82219		+	14927	55195
	-	246	72518		-	246	72916

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

99 ^c	Sine.			99 ^c	Sine.		
40'	.99995	55871	08950	50'	.99996	91576	44790
	+	14680	82279		+	12213	51236
	-	246	72950		-	246	73279
41	.99995	70551	91229	51	.99997	03789	96026
	+	14434	09329		+	11966	77957
	-	246	72988		-	246	73310
42	.99995	84986	00558	52	.99997	15756	73983
	+	14187	36341		+	11720	04647
	-	246	73022		-	246	73339
43	.99995	99173	36899	53	.99997	27476	78630
	+	13940	63319		+	11473	31308
	-	246	73056		-	246	73366
44	.99996	13114	00218	54	.99997	38950	09938
	+	13693	90263		+	11226	57942
	-	246	73090		-	246	73395
45	.99996	26807	90481	55	.99997	50176	67880
	+	13447	17173		+	10979	84547
	-	246	73123		-	246	73422
46	.99996	40255	07654	56	.99997	61156	52427
	+	13200	44050		+	10733	11125
	-	246	73157		-	246	73447
47	.99996	53455	51704	57	.99997	71889	63552
	+	12953	70893		+	10486	37678
	-	246	73187		-	246	73475
48	.99996	66409	22597	58	.99997	82376	01230
	+	12706	97706		+	10239	64203
	-	246	73219		-	246	73499
49	.99996	79116	20303	59	.99997	92615	65433
	+	12460	24487		+	9992	90704
	-	246	73251		-	246	73524

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

99 ^c	Sine.			99 ^c	Sine.		
60'	.99998	02608	56137	70'	.99998	88967	15596
	+	9746	17180		+	7278	80719
	-	246	73547		-	246	73755
61	.99998	12354	73317	71	.99998	96245	96315
	+	9499	43633		+	7032	06964
	-	246	73573		-	246	73772
62	.99998	21854	16950	72	.99999	03278	03279
	+	9252	70060		+	6785	33192
	-	246	73593		-	246	73790
63	.99998	31106	87010	73	.99999	10063	36471
	+	9005	96467		+	6538	59402
	-	246	73617		-	246	73804
64	.99998	40112	83477	74	.99999	16601	95873
	+	8759	22850		+	6291	85598
	-	246	73638		-	246	73822
65	.99998	48872	06327	75	.99999	22893	81471
	+	8512	49212		+	6045	11776
	-	246	73659		-	246	73835
66	.99998	57384	55539	76	.99999	28938	93247
	+	8265	75553		+	5798	37941
	-	246	73679		-	246	73849
67	.99998	65650	31092	77	.99999	34737	31188
	+	8019	01874		+	5551	64092
	-	246	73700		-	246	73865
68	.99998	73669	32966	78	.99999	40288	95280
	+	7772	28174		+	5304	90227
	-	246	73718		-	246	73876
69	.99998	81441	61140	79	.99999	45593	85507
	+	7525	54456		+	5058	16351
	-	246	73737		-	246	73889

Sang's 1881 canon of sines (K41-K42) (reconstruction, D. Roegel, 2020)

99 ^c	Sine.			99 ^c	Sine.		
80'	.99999	50652	01858	90'	.99999	87662	99704
	+	4811	42462		+	2344	03017
	-	246	73902		-	246	73986
81	.99999	55463	44320	91	.99999	90007	02721
	+	4564	68560		+	2097	29031
	-	246	73911		-	246	73992
82	.99999	60028	12880	92	.99999	92104	31752
	+	4317	94649		+	1850	55039
	-	246	73924		-	246	73995
83	.99999	64346	07529	93	.99999	93954	86791
	+	4071	20725		+	1603	81044
	-	246	73933		-	246	74001
84	.99999	68417	28254	94	.99999	95558	67835
	+	3824	46792		+	1357	07043
	-	246	73942		-	246	74003
85	.99999	72241	75046	95	.99999	96915	74878
	+	3577	72850		+	1110	33040
	-	246	73951		-	246	74005
86	.99999	75819	47896	96	.99999	98026	07918
	+	3330	98899		+	863	59035
	-	246	73960		-	246	74010
87	.99999	79150	46795	97	.99999	98889	66953
	+	3084	24939		+	616	85025
	-	246	73967		-	246	74008
88	.99999	82234	71734	98	.99999	99506	51978
	+	2837	50972		+	370	11017
	-	246	73974		-	246	74012
89	.99999	85072	22706	99	.99999	99876	62995
	+	2590	76998		+	123	37005
	-	246	73981		-	246	74010