

DISSERTATIO ASTRONOMICA:
ARCUS SEMI-DIURNOS SIDERUM,
AD
LATITUDINEM ABOËNSEM

EXHIBENS.

QUAM,

CONSENSU AMPLISSIMÆ FACULTATIS PHILOSOPHICÆ,

PRÆSIDE

MAG. JOH. FREDR. AHLSTEDT,

MATHEMATUM PROFESSORE, PUBLICO ET ORDINARIO,

PRO GRADU PHILOSOPHICO

P. P.

FREDRICUS GUILIELMUS LINDEBÄCK

Stipend. Publ. Satacundensis.

In Auditorio Philosophico die 12 Junii 1823.

h. p. m. s.

Pars VIII.

ABOÆ, typis *Frenckelliorum.*

THESES.

I.

Originaria, quæ inter Geometriam & Arithmeticam vel inferiorem vel superiorem intercedit differentia, ea est, ut illa Spatii, hæc vero Temporis Idea præsertim sit fundata.

2.

Multo concinnior, multoque aptior ea est Trigonometriam tractandi ratio, qua functiones Trigonometricæ (Sinus appellant, Cofinus &c.) non ut lineæ, sed numericæ arcuum functiones considerentur.

3.

Eo modo, quo Circulus ut Ellipsis consideratur, potest etiam linea recta ut curva considerari.

4.

Diversas Luminis vias, in reflectendo, refringendo & inflectendo conspicuas, e theoria Attractionis & Repulsionis explicari & posse & debere, persuasum nobis habemus.

d. Bor.	a	t	d. Austr.	a	t	Log Cos a
26° 0'	149°,352	9 ^h 57',41	26° 0'	30°,648	2 ^h 2',59	0,934 6559 - 1
26° 1'	149°,423	9 ^h 57',69	26° 1'	30°,577	2 ^h 2',31	0,934 9764 - 1
26° 2'	149°,495	9 ^h 57',98	26° 2'	30°,505	2 ^h 2',02	0,935 2968 - 1
26° 3'	149°,567	9 ^h 58',27	26° 3'	30°,433	2 ^h 1',73	0,935 6171 - 1
26° 4'	149°,639	9 ^h 58',56	26° 4'	30°,361	2 ^h 1',44	0,935 9372 - 1
26° 5'	149°,711	9 ^h 58',84	26° 5'	30°,289	2 ^h 1',16	0,936 2572 - 1
26° 6'	149°,783	9 ^h 59',13	26° 6'	30°,217	2 ^h 0',87	0,936 5771 - 1
26° 7'	149°,856	9 ^h 59',42	26° 7'	30°,144	2 ^h 0',58	0,936 8967 - 1
26° 8'	149°,929	9 ^h 59',72	26° 8'	30°,071	2 ^h 0',28	0,937 2163 - 1
26° 9'	150°,002	10 ^h 0',01	26° 9'	29°,998	1 ^h 59',99	0,937 5357 - 1
26° 10'	150°,075	10 ^h 0',30	26° 10'	29°,925	1 ^h 59',70	0,937 8550 - 1
26° 11'	150°,148	10 ^h 0',59	26° 11'	29°,852	1 ^h 59',41	0,938 1741 - 1
26° 12'	150°,221	10 ^h 0',88	26° 12'	29°,779	1 ^h 59',12	0,938 4930 - 1
26° 13'	150°,295	10 ^h 1',18	26° 13'	29°,705	1 ^h 58',82	0,938 8119 - 1
26° 14'	150°,369	10 ^h 1',48	26° 14'	29°,631	1 ^h 58',52	0,939 1306 - 1
26° 15'	150°,443	10 ^h 1',77	26° 15'	29°,557	1 ^h 58',23	0,939 4491 - 1
26° 16'	150°,517	10 ^h 2',07	26° 16'	29°,483	1 ^h 57',93	0,939 7675 - 1
26° 17'	150°,592	10 ^h 2',37	26° 17'	29°,408	1 ^h 57',63	0,940 0858 - 1
26° 18'	150°,666	10 ^h 2',66	26° 18'	29°,334	1 ^h 57',34	0,940 4039 - 1
26° 19'	150°,744	10 ^h 2',98	26° 19'	29°,256	1 ^h 57',02	0,940 7219 - 1
26° 20'	150°,815	10 ^h 3',27	26° 20'	29°,185	1 ^h 56',73	0,941 0397 - 1
26° 21'	150°,891	10 ^h 3',56	26° 21'	29°,109	1 ^h 56',44	0,941 3574 - 1
26° 22'	150°,966	10 ^h 3',86	26° 22'	29°,034	1 ^h 56',14	0,941 6750 - 1
26° 23'	151°,042	10 ^h 4',17	26° 23'	28°,958	1 ^h 55',83	0,942 9924 - 1
26° 24'	151°,117	10 ^h 4',47	26° 24'	28°,883	1 ^h 55',53	0,942 3096 - 1
26° 25'	151°,193	10 ^h 4',77	26° 25'	28°,807	1 ^h 55',23	0,942 6268 - 1
26° 26'	151°,270	10 ^h 5',08	26° 26'	28°,730	1 ^h 54',92	0,942 9438 - 1
26° 27'	151°,346	10 ^h 5',38	26° 27'	28°,654	1 ^h 54',62	0,943 2606 - 1
26° 28'	151°,423	10 ^h 5',69	26° 28'	28°,577	1 ^h 54',31	0,943 5773 - 1
26° 29'	151°,499	10 ^h 6',00	26° 29'	28°,501	1 ^h 54',00	0,943 8939 - 1

d. Bor.	a	t	d. Austr.	a	t	Log Cos a
26° 30'	151°,576	10 ^h 6',30	26° 30'	28°,424	1 ^h 53',70	0,944 2104 - 1
26° 31'	151°,654	10 ^h 6',62	26° 31'	28°,346	1 ^h 53',38	0,944 5267 - 1
26° 32'	151°,732	10 ^h 6',93	26° 32'	28°,268	1 ^h 53',07	0,944 8428 - 1
26° 33'	151°,809	10 ^h 7',24	26° 33'	28°,191	1 ^h 52',76	0,945 1588 - 1
26° 34'	151°,887	10 ^h 7',55	26° 34'	28°,113	1 ^h 52',45	0,945 4747 - 1
26° 35'	151°,964	10 ^h 7',86	26° 35'	28°,036	1 ^h 52',14	0,945 7905 - 1
26° 36'	152°,043	10 ^h 8',17	26° 36'	27°,957	1 ^h 51',83	0,946 1061 - 1
26° 37'	152°,122	10 ^h 8',49	26° 37'	27°,878	1 ^h 51',51	0,946 4215 - 1
26° 38'	152°,200	10 ^h 8',80	26° 38'	27°,800	1 ^h 51',20	0,946 7369 - 1
26° 39'	152°,279	10 ^h 9',12	26° 39'	27°,721	1 ^h 50',88	0,947 0521 - 1
26° 40'	152°,358	10 ^h 9',43	26° 40'	27°,642	1 ^h 50',57	0,947 3671 - 1
26° 41'	152°,438	10 ^h 9',75	26° 41'	27°,562	1 ^h 50',25	0,947 6821 - 1
26° 42'	152°,518	10 ^h 10',07	26° 42'	27°,482	1 ^h 49',93	0,947 9968 - 1
26° 43'	152°,598	10 ^h 10',39	26° 43'	27°,402	1 ^h 49',61	0,948 3115 - 1
26° 44'	152°,678	10 ^h 10',71	26° 44'	27°,322	1 ^h 49',29	0,948 6260 - 1
26° 45'	152°,758	10 ^h 11',03	26° 45'	27°,242	1 ^h 48',97	0,948 9404 - 1
26° 46'	152°,839	10 ^h 11',36	26° 46'	27°,161	1 ^h 48',64	0,949 2546 - 1
26° 47'	152°,920	10 ^h 11',68	26° 47'	27°,080	1 ^h 48',32	0,949 5687 - 1
26° 48'	153°,001	10 ^h 12',00	26° 48'	26°,999	1 ^h 48',00	0,949 8826 - 1
26° 49'	153°,082	10 ^h 12',33	26° 49'	26°,918	1 ^h 47',67	0,950 1966 - 1
26° 50'	153°,164	10 ^h 12',66	26° 50'	26°,836	1 ^h 47',34	0,950 5103 - 1
26° 51'	153°,246	10 ^h 12',98	26° 51'	26°,754	1 ^h 47',02	0,950 8238 - 1
26° 52'	153°,328	10 ^h 13',31	26° 52'	26°,672	1 ^h 46',69	0,951 1373 - 1
26° 53'	153°,411	10 ^h 13',64	26° 53'	26°,589	1 ^h 46',36	0,951 4506 - 1
26° 54'	153°,493	10 ^h 13',97	26° 54'	26°,507	1 ^h 46',03	0,951 7668 - 1
26° 55'	153°,576	10 ^h 14',30	26° 55'	26°,424	1 ^h 45',70	0,952 0768 - 1
26° 56'	153°,659	10 ^h 14',64	26° 56'	26°,341	1 ^h 45',36	0,952 3897 - 1
26° 57'	153°,743	10 ^h 14',97	26° 57'	26°,257	1 ^h 45',03	0,952 7025 - 1
26° 58'	153°,827	10 ^h 15',31	26° 58'	26°,173	1 ^h 44',69	0,953 0151 - 1
26° 59'	153°,911	10 ^h 15',64	26° 59'	26°,089	1 ^h 44',36	0,953 3276 - 1

d. Bor.	a	t	d. Austr.	a	t	Log Cos a
27° 0'	153°,995	10 ^h 15',98	27° 0'	26°,005	1 ^h 44',02	0,953 6400 - I
27° 1'	154°,080	10 ^h 16',32	27° 1'	25°,920	1 ^h 43',68	0,953 9522 - I
27° 2'	154°,165	10 ^h 16',66	27° 2'	25°,835	1 ^h 43',34	0,954 2643 - I
27° 3'	154°,250	10 ^h 17',00	27° 3'	25°,750	1 ^h 43',00	0,954 5763 - I
27° 4'	154°,335	10 ^h 17',34	27° 4'	25°,665	1 ^h 42',66	0,954 8882 - I
27° 5'	154°,421	10 ^h 17',68	27° 5'	25°,579	1 ^h 42',32	0,955 1999 - I
27° 6'	154°,507	10 ^h 18',03	27° 6'	25°,493	1 ^h 41',97	0,955 5115 - I
27° 7'	154°,593	10 ^h 18',37	27° 7'	25°,407	1 ^h 41',63	0,955 8229 - I
27° 8'	154°,680	10 ^h 18',72	27° 8'	25°,320	1 ^h 41',28	0,956 1342 - I
27° 9'	154°,767	10 ^h 19',07	27° 9'	25°,233	1 ^h 40',93	0,956 4454 - I
27° 10'	154°,854	10 ^h 19',42	27° 10'	25°,146	1 ^h 40',58	0,956 7565 - I
27° 11'	154°,942	10 ^h 19',77	27° 11'	25°,058	1 ^h 40',23	0,957 0674 - I
27° 12'	155°,030	10 ^h 20',12	27° 12'	24°,970	1 ^h 39',88	0,957 3782 - I
27° 13'	155°,118	10 ^h 20',47	27° 13'	24°,882	1 ^h 39',53	0,957 6889 - I
27° 14'	155°,206	10 ^h 20',82	27° 14'	24°,794	1 ^h 39',18	0,957 9995 - I
27° 15'	155°,295	10 ^h 21',18	27° 15'	24°,705	1 ^h 38',82	0,958 3099 - I
27° 16'	155°,384	10 ^h 21',54	27° 16'	24°,616	1 ^h 38',46	0,958 6202 - I
27° 17'	155°,474	10 ^h 21',90	27° 17'	24°,526	1 ^h 38',10	0,958 8303 - I
27° 18'	155°,564	10 ^h 22',26	27° 18'	24°,436	1 ^h 37',74	0,959 2403 - I
27° 19'	155°,654	10 ^h 22',62	27° 19'	24°,346	1 ^h 37',38	0,959 5502 - I
27° 20'	155°,744	10 ^h 22',98	27° 20'	24°,256	1 ^h 37',02	0,969 8600 - I
27° 21'	155°,835	10 ^h 23',34	27° 21'	24°,165	1 ^h 36',66	0,960 1697 - I
27° 22'	155°,927	10 ^h 23',71	27° 22'	24°,073	1 ^h 36',29	0,960 4792 - I
27° 23'	156°,018	10 ^h 24',07	27° 23'	23°,982	1 ^h 35',93	0,960 7886 - I
27° 24'	156°,110	10 ^h 24',44	27° 24'	23°,890	1 ^h 35',56	0,961 0978 - I
27° 25'	156°,202	10 ^h 24',81	27° 25'	23°,798	1 ^h 35',19	0,961 4070 - I
27° 26'	156°,294	10 ^h 25',18	27° 26'	23°,706	1 ^h 34',82	0,961 7160 - I
27° 27'	156°,387	10 ^h 25',55	27° 27'	23°,613	1 ^h 34',45	0,962 0249 - I
27° 28'	156°,481	10 ^h 25',92	27° 28'	23°,519	1 ^h 34',08	0,962 3336 - I
27° 29'	156°,574	10 ^h 26',30	27° 29'	23°,426	1 ^h 33',70	0,962 6423 - I

d. Bor.	a	t	d. Austr.	a	t	Log Cos a
27° 30'	156°,668	10 ^h 26',67	27° 30'	23°,332	1 ^h 33',33	0,962 9508 - 1
27° 31'	156°,763	10 ^h 27',05	27° 31'	23°,237	1 ^h 32',95	0,963 2592 - 1
27° 32'	156°,858	10 ^h 27',43	27° 32'	23°,142	1 ^h 32',57	0,963 5674 - 1
27° 33'	156°,953	10 ^h 27',81	27° 33'	23°,047	1 ^h 32',19	0,963 8755 - 1
27° 34'	157°,049	10 ^h 28',20	27° 34'	22°,951	1 ^h 31',80	0,964 1835 - 1
27° 35'	157°,145	10 ^h 28',58	27° 35'	22°,855	1 ^h 31',42	0,964 4914 - 1
27° 36'	157°,242	10 ^h 28',97	27° 36'	22°,758	1 ^h 31',03	0,964 7992 - 1
27° 37'	157°,339	10 ^h 29',36	27° 37'	22°,661	1 ^h 30',64	0,965 1068 - 1
27° 38'	157°,436	10 ^h 29',75	27° 38'	22°,564	1 ^h 30',25	0,965 4143 - 1
27° 39'	157°,534	10 ^h 30',14	27° 39'	22°,466	1 ^h 29',86	0,965 7217 - 1
27° 40'	157°,632	10 ^h 30',53	27° 40'	22°,368	1 ^h 29',47	0,966 0290 - 1
27° 41'	157°,731	10 ^h 30',92	27° 41'	22°,269	1 ^h 29',08	0,966 3361 - 1
27° 42'	157°,830	10 ^h 31',32	27° 42'	22°,170	1 ^h 28',68	0,966 6431 - 1
27° 43'	157°,930	10 ^h 31',72	27° 43'	22°,070	1 ^h 28',28	0,966 9500 - 1
27° 44'	158°,030	10 ^h 32',12	27° 44'	21°,970	1 ^h 27',88	0,967 2568 - 1
27° 45'	158°,130	10 ^h 32',52	27° 45'	21°,870	1 ^h 27',48	0,967 5634 - 1
27° 46'	158°,231	10 ^h 32',92	27° 46'	21°,769	1 ^h 27',08	0,967 8699 - 1
27° 47'	158°,333	10 ^h 33',33	27° 47'	21°,667	1 ^h 26',67	0,968 1763 - 1
27° 48'	158°,435	10 ^h 33',74	27° 48'	21°,565	1 ^h 26',26	0,968 4826 - 1
27° 49'	158°,537	10 ^h 34',15	27° 49'	21°,463	1 ^h 25',85	0,968 7888 - 1
27° 50'	158°,640	10 ^h 34',56	27° 50'	21°,360	1 ^h 25',44	0,969 0948 - 1
27° 51'	158°,744	10 ^h 34',98	27° 51'	21°,256	1 ^h 25',02	0,969 4007 - 1
27° 52'	158°,848	10 ^h 35',39	27° 52'	21°,152	1 ^h 24',61	0,969 7065 - 1
27° 53'	158°,952	10 ^h 35',81	27° 53'	21°,048	1 ^h 24',19	0,970 0122 - 1
27° 54'	159°,057	10 ^h 36',23	27° 54'	20°,943	1 ^h 23',77	0,970 3177 - 1
27° 55'	159°,163	10 ^h 36',65	27° 55'	20°,837	1 ^h 23',35	0,970 6231 - 1
27° 56'	159°,269	10 ^h 37',08	27° 56'	20°,731	1 ^h 22',92	0,970 9284 - 1
27° 57'	159°,376	10 ^h 37',50	27° 57'	20°,624	1 ^h 22',50	0,971 2336 - 1
27° 58'	159°,483	10 ^h 37',93	27° 58'	20°,517	1 ^h 22',07	0,971 5387 - 1
27° 59'	159°,591	10 ^h 38',36	27° 59'	20°,409	1 ^h 21',64	0,971 8436 - 1

d. Bor.	a	t	d. Austr	a	t	Log Cos a
28° 0'	159°,699	10 ^h 39',80	28° 0'	20°,301	1 ^h 21',20	0,972 1485 - 1
28° 1'	159°,808	10 ^h 39',23	28° 1'	20°,192	1 ^h 20',77	0,972 4532 - 1
28° 2'	159°,918	10 ^h 39',67	28° 2'	20°,082	1 ^h 20',33	0,972 7578 - 1
28° 3'	160°,028	10 ^h 40',11	28° 3'	19°,972	1 ^h 19',89	0,973 0622 - 1
28° 4'	160°,139	10 ^h 40',56	28° 4'	19°,861	1 ^h 19',44	0,973 3666 - 1
28° 5'	160°,250	10 ^h 41',00	28° 5'	19°,750	1 ^h 19',00	0,973 6708 - 1
28° 6'	160°,362	10 ^h 41',45	28° 6'	19°,638	1 ^h 18',55	0,973 9749 - 1
28° 7'	160°,475	10 ^h 41',90	28° 7'	19°,525	1 ^h 18',10	0,974 2789 - 1
28° 8'	160°,588	10 ^h 42',35	28° 8'	19°,412	1 ^h 17',65	0,974 5828 - 1
28° 9'	160°,702	10 ^h 42',81	28° 9'	19°,298	1 ^h 17',19	0,974 8865 - 1
28° 10'	160°,817	10 ^h 43',27	28° 10'	19°,183	1 ^h 16',73	0,975 1902 - 1
28° 11'	160°,933	10 ^h 43',73	28° 11'	19°,067	1 ^h 16',27	0,975 4937 - 1
28° 12'	161°,049	10 ^h 44',20	28° 12'	18°,951	1 ^h 15',80	0,975 7971 - 1
28° 13'	161°,165	10 ^h 44',66	28° 13'	18°,835	1 ^h 15',34	0,976 1004 - 1
28° 14'	161°,283	10 ^h 44',13	28° 14'	18°,717	1 ^h 14',87	0,976 4036 - 1
28° 15'	161°,402	10 ^h 45',61	28° 15'	18°,598	1 ^h 14',39	0,976 7066 - 1
28° 16'	161°,521	10 ^h 46',08	28° 16'	18°,479	1 ^h 13',92	0,977 0095 - 1
28° 17'	161°,641	10 ^h 46',56	28° 17'	18°,359	1 ^h 13',44	0,977 3124 - 1
28° 18'	161°,762	10 ^h 47',05	28° 18'	18°,238	1 ^h 12',95	0,977 6151 - 1
28° 19'	161°,883	10 ^h 47',53	28° 19'	18°,117	1 ^h 12',47	0,977 9177 - 1
28° 20'	162°,006	10 ^h 48',02	28° 20'	17°,994	1 ^h 11',98	0,978 2201 - 1
28° 21'	162°,130	10 ^h 48',52	28° 21'	17°,870	1 ^h 11',48	0,978 5225 - 1
28° 22'	162°,253	10 ^h 49',01	28° 22'	17°,747	1 ^h 10',99	0,978 8247 - 1
28° 23'	162°,378	10 ^h 49',51	28° 23'	17°,622	1 ^h 10',49	0,979 1268 - 1
28° 24'	162°,504	10 ^h 50',02	28° 24'	17°,496	1 ^h 9',98	0,979 4288 - 1
28° 25'	162°,631	10 ^h 50',52	28° 25'	17°,369	1 ^h 9',48	0,979 7307 - 1
28° 26'	162°,759	10 ^h 51',04	28° 26'	17°,241	1 ^h 8',96	0,980 0325 - 1
28° 27'	162°,887	10 ^h 51',55	28° 27'	17°,113	1 ^h 8',45	0,980 3342 - 1
28° 28'	163°,017	10 ^h 52',07	28° 28'	16°,983	1 ^h 7',93	0,980 6357 - 1
28° 29'	163°,148	10 ^h 52',59	28° 29'	16°,852	1 ^h 7',41	0,980 9372 - 1

d. Bor.	a	t	d. Austr.	a	t	Log Cos a
28° 30'	163°,280	10 ^h 53',12	28° 30'	16°,720	1 ^h 6',88	0,981 2385 - 1
28° 31'	163°,412	10 ^h 53',65	28° 31'	16°,588	1 ^h 6',35	0,981 5397 - 1
28° 32'	163°,546	10 ^h 54',18	28° 32'	16°,454	1 ^h 5',82	0,981 8408 - 1
28° 33'	163°,681	10 ^h 54',72	28° 33'	16°,319	1 ^h 5',28	0,982 1418 - 1
28° 34'	163°,817	10 ^h 55',27	28° 34'	16°,183	1 ^h 4',73	0,982 4426 - 1
28° 35'	163°,955	10 ^h 55',82	28° 35'	16°,045	1 ^h 4',18	0,982 7434 - 1
28° 36'	164°,093	10 ^h 56',37	28° 36'	15°,907	1 ^h 3',63	0,983 0440 - 1
28° 37'	164°,233	10 ^h 56',93	28° 37'	15°,767	1 ^h 3',07	0,983 3446 - 1
28° 38'	164°,374	10 ^h 57',50	28° 38'	15°,626	1 ^h 2',50	0,983 6450 - 1
28° 39'	164°,517	10 ^h 58',07	28° 39'	15°,483	1 ^h 1',93	0,983 9453 - 1
28° 40'	164°,660	10 ^h 58',84	28° 40'	15°,340	1 ^h 1',16	0,984 2455 - 1
28° 41'	164°,805	10 ^h 59',22	28° 41'	15°,195	1 ^h 0',78	0,984 5456 - 1
28° 42'	164°,952	10 ^h 59',81	28° 42'	15°,048	1 ^h 0',19	0,984 8455 - 1
28° 43'	165°,100	11 ^h 0',40	28° 43'	14°,900	0 ^h 59',60	0,985 1454 - 1
28° 44'	165°,249	11 ^h 1',00	28° 44'	14°,751	0 ^h 59',00	0,985 4451 - 1
28° 45'	165°,400	11 ^h 1',60	28° 45'	14°,600	0 ^h 58',40	0,985 7448 - 1
28° 46'	165°,553	11 ^h 2',21	28° 46'	14°,447	0 ^h 57',79	0,986 0443 - 1
28° 47'	165°,707	11 ^h 2',83	28° 47'	14°,293	0 ^h 57',17	0,986 3437 - 1
28° 48'	165°,863	11 ^h 3',45	28° 48'	14°,137	0 ^h 56',55	0,986 6430 - 1
28° 49'	166°,020	11 ^h 4',08	28° 49'	13°,980	0 ^h 55',92	0,986 9422 - 1
28° 50'	166°,180	11 ^h 4',72	28° 50'	13°,820	0 ^h 55',28	0,987 2413 - 1
28° 51'	166°,341	11 ^h 5',36	28° 51'	13°,659	0 ^h 54',64	0,987 5403 - 1
28° 52'	166°,504	11 ^h 6',02	28° 52'	13°,496	0 ^h 53',98	0,987 8391 - 1
28° 53'	166°,669	11 ^h 6',68	28° 53'	13°,331	0 ^h 53',32	0,988 1379 - 1
28° 54'	166°,837	11 ^h 7',34	28° 54'	13°,163	0 ^h 52',66	0,988 4365 - 1
28° 55'	167°,006	11 ^h 8',02	28° 55'	12°,994	0 ^h 51',98	0,988 7350 - 1
28° 56'	167°,178	11 ^h 8',71	28° 56'	12°,822	0 ^h 51',29	0,989 0335 - 1
28° 57'	167°,353	11 ^h 9',41	28° 57'	12°,647	0 ^h 50',59	0,989 3318 - 1
28° 58'	167°,531	11 ^h 10',12	28° 58'	12°,469	0 ^h 49',88	0,989 6300 - 1
28° 59'	167°,708	11 ^h 10',83	28° 59'	12°,292	0 ^h 49',17	0,989 9281 - 1

d. Bor.	a	t	d. Austr.	a	t	Log Cos a
29° 0'	167°,890	11 ^h 11',56	29° 0'	12°,110	0 ^h 48',44	0,990 2261 - 1
29° 1'	168°,075	11 ^h 12',30	29° 1'	11°,925	0 ^h 47',70	0,990 5240 - 1
29° 2'	168°,262	11 ^h 13',05	29° 2'	11°,738	0 ^h 46',95	0,990 8217 - 1
29° 3'	168°,453	11 ^h 13',81	29° 3'	11°,547	0 ^h 46',19	0,991 1194 - 1
29° 4'	168°,646	11 ^h 14',58	29° 4'	11°,354	0 ^h 45',42	0,991 4169 - 1
29° 5'	168°,844	11 ^h 15',38	29° 5'	11°,156	0 ^h 44',62	0,991 7144 - 1
29° 6'	169°,044	11 ^h 16',18	29° 6'	10°,956	0 ^h 43',82	0,992 0117 - 1
29° 7'	169°,249	11 ^h 17',00	29° 7'	10°,751	0 ^h 43',00	0,992 3090 - 1
29° 8'	169°,457	11 ^h 18',83	29° 8'	10°,543	0 ^h 41',17	0,992 6061 - 1
29° 9'	169°,670	11 ^h 19',68	29° 9'	10°,330	0 ^h 40',32	0,992 9031 - 1
29° 10'	169°,887	11 ^h 19',55	29° 10'	10°,113	0 ^h 40',45	0,993 2000 - 1
29° 11'	170°,109	11 ^h 20',44	29° 11'	9°,891	0 ^h 39',56	0,993 4968 - 1
29° 12'	170°,336	11 ^h 21',34	29° 12'	9°,664	0 ^h 38',66	0,993 7935 - 1
29° 13'	170°,569	11 ^h 22',28	29° 13'	9°,431	0 ^h 37',72	0,994 0901 - 1
29° 14'	170°,808	11 ^h 23',23	29° 14'	9°,192	0 ^h 36',77	0,994 3866 - 1
29° 15'	171°,053	11 ^h 24',21	29° 15'	8°,947	0 ^h 35',79	0,994 6830 - 1
29° 16'	171°,305	11 ^h 25',22	29° 16'	8°,695	0 ^h 34',78	0,994 9793 - 1
29° 17'	171°,564	11 ^h 26',26	29° 17'	8°,436	0 ^h 33',74	0,995 2754 - 1
29° 18'	171°,832	11 ^h 27',33	29° 18'	8°,168	0 ^h 32',67	0,995 5715 - 1
29° 19'	172°,108	11 ^h 28',43	29° 19'	7°,892	0 ^h 31',57	0,995 8675 - 1
29° 20'	172°,395	11 ^h 29',58	29° 20'	7°,605	0 ^h 30',42	0,996 1633 - 1
29° 21'	172°,693	11 ^h 30',77	29° 21'	7°,307	0 ^h 29',23	0,996 4591 - 1
29° 22'	173°,004	11 ^h 32',02	29° 22'	6°,996	0 ^h 27',98	0,996 7547 - 1
29° 23'	173°,328	11 ^h 33',31	29° 23'	6°,672	0 ^h 26',69	0,997 0503 - 1
29° 24'	173°,672	11 ^h 34',69	29° 24'	6°,328	0 ^h 25',31	0,997 3454 - 1
29° 25'	174°,034	11 ^h 36',14	29° 25'	5°,966	0 ^h 23',86	0,997 6410 - 1
29° 26'	174°,419	11 ^h 37',68	29° 26'	5°,581	0 ^h 22',32	0,997 9363 - 1
29° 27'	174°,833	11 ^h 39',33	29° 27'	5°,167	0 ^h 20',67	0,998 2314 - 1
29° 28'	175°,283	11 ^h 41',13	29° 28'	4°,717	0 ^h 18',87	0,998 5264 - 1
29° 29'	175°,781	11 ^h 43',12	29° 29'	4°,219	0 ^h 16',88	0,998 8213 - 1

d. Bor.	a	t	d. Austr.	a	t	Log Cos a
29° 30'	176°,346	11 ^h 45',38	29° 30'	3°,654	0 ^h 14',62	0,999 1161 - I
29° 31'	177°,016	11 ^h 48',06	29° 31'	2°,984	0 ^h 11',94	0,999 4109 - I
29° 32'	177°,890	11 ^h 51',56	29° 32'	2°,110	0 ^h 8',44	0,999 7055 - I
29° 33'	180°,000	12 ^h 0',00	29° 33'	0°,000	0 ^h 0',00	0,000 0000 - I

Corrigenda.

P. 5.	l. 16:	præbentia;	lege:	præbentes
— 9	— 8	—	Columna	7 5517; lege: 5519
— 10	— 21	—	—	2 440; — 441
— 12	— 1	—	—	3 58; — 59
— 13	— 11	—	—	6 82; — 81
— 36	— 11	—	—	2 366; — 364