

A reconstruction of
Fine's table of sines (1550)

Denis Roegel

2 September 2021

(last version: 2 September 2021)

Introduction

This document gives an exact (modern) reconstruction of Oronce Fine's sine table published in 1550 [2] (figure 1). This table was first published in 1530 [1].

Fine's original table, with which the reconstruction can be compared, is certainly based on a manuscript of Regiomontanus's large sexagesimal table, without truncating.

The context of these tables, as well as the details of their construction are found in my separate survey [4].

Continuatio paginae

17

ANTECEDENTIS.

vsque ad 60 mi.grad.

| Gra | 18 | | | 19 | | | 20 | | | 21 | | | 22 | | | 23 | | | arc cui, |
|-----|-----|----|----|-----|----|----|-----|----|----|-----|----|----|-----|----|----|-----|----|----|-------------|
| | pt. | m. | z. | pt. | m. | z. | pt. | m. | z. | pt. | m. | z. | pt. | m. | z. | pt. | m. | z. | |
| 31 | 19 | 3 | 17 | 20 | 2 | 41 | 21 | 1 | 44 | 22 | 0 | 23 | 22 | 58 | 38 | 23 | 50 | 27 | |
| 32 | | 4 | 17 | | 3 | 40 | | 2 | 42 | | 1 | 21 | 22 | 59 | 36 | | 57 | 25 | |
| 33 | | 5 | 16 | | 4 | 40 | | 3 | 41 | | 2 | 19 | 23 | 0 | 34 | | 58 | 22 | |
| 34 | | 6 | 16 | | 5 | 39 | | 4 | 40 | | 3 | 18 | | 1 | 32 | 23 | 59 | 20 | |
| 35 | | 7 | 15 | | 6 | 38 | | 5 | 39 | | 4 | 16 | | 2 | 30 | 24 | 0 | 18 | |
| 36 | | 8 | 15 | | 7 | 37 | | 6 | 38 | | 5 | 15 | | 3 | 28 | | 1 | 15 | |
| 37 | | 9 | 15 | | 8 | 37 | | 7 | 36 | | 6 | 13 | | 4 | 26 | | 2 | 13 | |
| 38 | | 10 | 14 | | 9 | 36 | | 8 | 35 | | 7 | 12 | | 5 | 24 | | 3 | 10 | |
| 39 | | 11 | 14 | | 10 | 35 | | 9 | 34 | | 8 | 10 | | 0 | 22 | | 4 | 8 | |
| 40 | | 12 | 13 | | 11 | 34 | | 10 | 33 | | 9 | 8 | | 7 | 20 | | 5 | 5 | |
| 41 | | 13 | 13 | | 12 | 33 | | 11 | 32 | | 10 | 7 | | 8 | 18 | | 0 | 3 | |
| 42 | | 14 | 12 | | 13 | 32 | | 12 | 30 | | 11 | 5 | | 9 | 16 | | 7 | 0 | |
| 43 | | 15 | 12 | | 14 | 32 | | 13 | 29 | | 12 | 4 | | 10 | 14 | | 7 | 58 | |
| 44 | | 16 | 11 | | 15 | 31 | | 14 | 28 | | 13 | 2 | | 11 | 12 | | 8 | 56 | |
| 45 | | 17 | 11 | | 16 | 30 | | 15 | 27 | | 14 | 0 | | 12 | 10 | | 9 | 53 | |
| 46 | | 18 | 10 | | 17 | 29 | | 16 | 26 | | 14 | 59 | | 13 | 7 | | 10 | 51 | |
| 47 | | 19 | 10 | | 18 | 28 | | 17 | 24 | | 15 | 57 | | 14 | 5 | | 11 | 48 | |
| 48 | | 20 | 9 | | 19 | 27 | | 18 | 23 | | 16 | 55 | | 15 | 3 | | 12 | 46 | |
| 49 | | 21 | 9 | | 20 | 26 | | 19 | 22 | | 17 | 54 | | 16 | 1 | | 13 | 43 | |
| 50 | | 22 | 8 | | 21 | 26 | | 20 | 20 | | 18 | 52 | | 16 | 59 | | 14 | 41 | |
| 51 | | 23 | 8 | | 22 | 25 | | 21 | 19 | | 19 | 50 | | 17 | 57 | | 15 | 38 | |
| 52 | | 24 | 7 | | 23 | 24 | | 22 | 18 | | 20 | 48 | | 18 | 55 | | 16 | 35 | |
| 53 | | 25 | 7 | | 24 | 23 | | 23 | 16 | | 21 | 47 | | 19 | 53 | | 17 | 34 | |
| 54 | | 26 | 6 | | 25 | 22 | | 24 | 15 | | 22 | 45 | | 20 | 51 | | 18 | 30 | |
| 55 | | 27 | 5 | | 26 | 21 | | 25 | 14 | | 23 | 43 | | 21 | 48 | | 19 | 28 | |
| 56 | | 28 | 5 | | 27 | 20 | | 26 | 13 | | 24 | 42 | | 22 | 46 | | 20 | 25 | |
| 57 | | 29 | 4 | | 28 | 19 | | 27 | 11 | | 25 | 40 | | 23 | 44 | | 21 | 23 | |
| 58 | | 30 | 4 | | 29 | 18 | | 28 | 10 | | 26 | 38 | | 24 | 42 | | 22 | 20 | |
| 59 | | 31 | 3 | | 30 | 17 | | 29 | 8 | | 27 | 37 | | 25 | 40 | | 23 | 17 | |
| 60 | 19 | 32 | 3 | 20 | 31 | 16 | 21 | 30 | 7 | 22 | 28 | 35 | 23 | 26 | 38 | 24 | 24 | 15 | |

RECTAE SYNTENSÆ.

E.

Figure 1: Excerpt of Fine's sine table [2] (source: Google books).

References

- [1] Oronce Fine. *De geometria libri duo*. Paris, 1530. [This table was recomputed in 2021 by D. Roegel [3].]
- [2] Oronce Fine. *De rectis in circuli quadrante subtensis (quos vocant sinus) libri duo. Tabula sinuum rectorum, in partibus qualium semidiameter est 60, per ipsum minutim supputata*. Paris: Reginald and Claude Calder, 1550.
- [3] Denis Roegel. A reconstruction of Fine's table of sines (1530). Technical report, LORIA, Nancy, 2021. [This is a reconstruction of the tables of [1].]
- [4] Denis Roegel. A survey of the main fundamental European trigonometric tables printed in the 15th and 16th centuries. Technical report, LORIA, Nancy, 2021.

Tabula sinuum RECTORVM.

| Gra | Minu | | | | | | | | | | | | | | | | | | ar- cuũ. |
|-----|------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------------|
| | d ⁹ . | 0 | | | 1 | | | 2 | | | 3 | | | 4 | | | 5 | | |
| ta. | pt. | m̃. | z̃. | pt. | m̃. | z̃. | pt. | m̃. | z̃. | pt. | m̃. | z̃. | pt. | m̃. | z̃. | pt. | m̃. | z̃. | |
| 0 | 0 | 0 | 0 | 1 | 2 | 50 | 2 | 5 | 38 | 3 | 8 | 25 | 4 | 11 | 7 | 5 | 13 | 46 | |
| 1 | | 1 | 3 | | 3 | 53 | | 6 | 41 | | 9 | 27 | | 12 | 10 | | 14 | 48 | |
| 2 | | 2 | 6 | | 4 | 55 | | 7 | 44 | | 10 | 30 | | 13 | 13 | | 15 | 51 | |
| 3 | | 3 | 8 | | 5 | 58 | | 8 | 47 | | 11 | 33 | | 14 | 15 | | 16 | 53 | |
| 4 | | 4 | 11 | | 7 | 1 | | 9 | 49 | | 12 | 36 | | 15 | 18 | | 17 | 56 | |
| 5 | | 5 | 14 | | 8 | 4 | | 10 | 52 | | 13 | 38 | | 16 | 21 | | 18 | 59 | |
| 6 | | 6 | 17 | | 9 | 7 | | 11 | 55 | | 14 | 41 | | 17 | 23 | | 20 | 1 | |
| 7 | | 7 | 20 | | 10 | 9 | | 12 | 58 | | 15 | 44 | | 18 | 26 | | 21 | 4 | |
| 8 | | 8 | 23 | | 11 | 12 | | 14 | 1 | | 16 | 47 | | 19 | 29 | | 22 | 6 | |
| 9 | | 9 | 25 | | 12 | 15 | | 15 | 3 | | 17 | 49 | | 20 | 31 | | 23 | 9 | |
| 10 | | 10 | 28 | | 13 | 18 | | 16 | 6 | | 18 | 52 | | 21 | 34 | | 24 | 11 | |
| 11 | | 11 | 31 | | 14 | 21 | | 17 | 9 | | 19 | 55 | | 22 | 37 | | 25 | 14 | |
| 12 | | 12 | 34 | | 15 | 24 | | 18 | 12 | | 20 | 57 | | 23 | 39 | | 26 | 17 | |
| 13 | | 13 | 37 | | 16 | 26 | | 19 | 15 | | 22 | 0 | | 24 | 42 | | 27 | 19 | |
| 14 | | 14 | 40 | | 17 | 29 | | 20 | 17 | | 23 | 3 | | 25 | 45 | | 28 | 22 | |
| 15 | | 15 | 42 | | 18 | 32 | | 21 | 20 | | 24 | 6 | | 26 | 47 | | 29 | 24 | |
| 16 | | 16 | 45 | | 19 | 35 | | 22 | 23 | | 25 | 8 | | 27 | 50 | | 30 | 27 | |
| 17 | | 17 | 48 | | 20 | 38 | | 23 | 26 | | 26 | 11 | | 28 | 53 | | 31 | 29 | |
| 18 | | 18 | 51 | | 21 | 40 | | 24 | 28 | | 27 | 14 | | 29 | 55 | | 32 | 32 | |
| 19 | | 19 | 54 | | 22 | 43 | | 25 | 31 | | 28 | 17 | | 30 | 58 | | 33 | 35 | |
| 20 | | 20 | 57 | | 23 | 46 | | 26 | 34 | | 29 | 19 | | 32 | 1 | | 34 | 37 | |
| 21 | | 21 | 59 | | 24 | 49 | | 27 | 37 | | 30 | 22 | | 33 | 3 | | 35 | 40 | |
| 22 | | 23 | 2 | | 25 | 52 | | 28 | 40 | | 31 | 25 | | 34 | 6 | | 36 | 42 | |
| 23 | | 24 | 5 | | 26 | 55 | | 29 | 42 | | 32 | 27 | | 35 | 9 | | 37 | 45 | |
| 24 | | 25 | 8 | | 27 | 57 | | 30 | 45 | | 33 | 30 | | 36 | 11 | | 38 | 47 | |
| 25 | | 26 | 11 | | 29 | 0 | | 31 | 48 | | 34 | 33 | | 37 | 14 | | 39 | 50 | |
| 26 | | 27 | 14 | | 30 | 3 | | 32 | 51 | | 35 | 36 | | 38 | 17 | | 40 | 52 | |
| 27 | | 28 | 16 | | 31 | 6 | | 33 | 53 | | 36 | 38 | | 39 | 19 | | 41 | 55 | |
| 28 | | 29 | 19 | | 32 | 9 | | 34 | 56 | | 37 | 41 | | 40 | 22 | | 42 | 58 | |
| 29 | | 30 | 22 | | 33 | 11 | | 35 | 59 | | 38 | 44 | | 41 | 25 | | 44 | 0 | |
| 30 | 0 | 31 | 25 | 1 | 34 | 14 | 2 | 37 | 2 | 3 | 39 | 46 | 4 | 42 | 27 | 5 | 45 | 3 | |

graduũ.
RECTÆ
SVBTENSÆ

Continuatio paginæ ANTECEDENTIS.

vsque ad 60 mi.grad.

| Gra | Minu | | | | | | | | | | | | | | | | | | ar- cuũ. |
|-----|------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------------|
| | d ⁹ . | 0 | | | 1 | | | 2 | | | 3 | | | 4 | | | 5 | | |
| | ta. | pt. | m̃. | z̃. | pt. | m̃. | z̃. | pt. | m̃. | z̃. | pt. | m̃. | z̃. | pt. | m̃. | z̃. | pt. | m̃. | z̃. |
| 31 | | 0 | 32 | 28 | 1 | 35 | 17 | 2 | 38 | 5 | 3 | 40 | 49 | 4 | 43 | 30 | 5 | 46 | 5 |
| 32 | | | 33 | 31 | | 36 | 20 | | 39 | 7 | | 41 | 52 | | 44 | 32 | | 47 | 8 |
| 33 | | | 34 | 33 | | 37 | 23 | | 40 | 10 | | 42 | 55 | | 45 | 35 | | 48 | 10 |
| 34 | | | 35 | 36 | | 38 | 25 | | 41 | 13 | | 43 | 57 | | 46 | 38 | | 49 | 13 |
| 35 | | | 36 | 39 | | 39 | 28 | | 42 | 16 | | 45 | 0 | | 47 | 40 | | 50 | 15 |
| 36 | | | 37 | 42 | | 40 | 31 | | 43 | 18 | | 46 | 3 | | 48 | 43 | | 51 | 18 |
| 37 | | | 38 | 45 | | 41 | 34 | | 44 | 21 | | 47 | 5 | | 49 | 46 | | 52 | 20 |
| 38 | | | 39 | 48 | | 42 | 37 | | 45 | 24 | | 48 | 8 | | 50 | 48 | | 53 | 23 |
| 39 | | | 40 | 50 | | 43 | 39 | | 46 | 27 | | 49 | 11 | | 51 | 51 | | 54 | 25 |
| 40 | | | 41 | 53 | | 44 | 42 | | 47 | 29 | | 50 | 14 | | 52 | 53 | | 55 | 28 |
| 41 | | | 42 | 56 | | 45 | 45 | | 48 | 32 | | 51 | 16 | | 53 | 56 | | 56 | 31 |
| 42 | | | 43 | 59 | | 46 | 48 | | 49 | 35 | | 52 | 19 | | 54 | 59 | | 57 | 33 |
| 43 | | | 45 | 2 | | 47 | 51 | | 50 | 38 | | 53 | 22 | | 56 | 1 | | 58 | 36 |
| 44 | | | 46 | 5 | | 48 | 54 | | 51 | 41 | | 54 | 24 | | 57 | 4 | 5 | 59 | 38 |
| 45 | | | 47 | 7 | | 49 | 56 | | 52 | 43 | | 55 | 27 | | 58 | 7 | 6 | 0 | 41 |
| 46 | | | 48 | 10 | | 50 | 59 | | 53 | 46 | | 56 | 30 | 4 | 59 | 9 | | 1 | 43 |
| 47 | | | 49 | 13 | | 52 | 2 | | 54 | 49 | | 57 | 32 | 5 | 0 | 12 | | 2 | 46 |
| 48 | | | 50 | 16 | | 53 | 5 | | 55 | 52 | | 58 | 35 | | 1 | 14 | | 3 | 48 |
| 49 | | | 51 | 19 | | 54 | 8 | | 56 | 54 | 3 | 59 | 38 | | 2 | 17 | | 4 | 51 |
| 50 | | | 52 | 21 | | 55 | 10 | | 57 | 57 | 4 | 0 | 41 | | 3 | 20 | | 5 | 53 |
| 51 | | | 53 | 24 | | 56 | 13 | 2 | 59 | 0 | | 1 | 43 | | 4 | 22 | | 6 | 56 |
| 52 | | | 54 | 27 | | 57 | 16 | 3 | 0 | 3 | | 2 | 46 | | 5 | 25 | | 7 | 58 |
| 53 | | | 55 | 30 | | 58 | 19 | | 1 | 5 | | 3 | 49 | | 6 | 27 | | 9 | 1 |
| 54 | | | 56 | 33 | 1 | 59 | 22 | | 2 | 8 | | 4 | 51 | | 7 | 30 | | 10 | 3 |
| 55 | | | 57 | 36 | 2 | 0 | 24 | | 3 | 11 | | 5 | 54 | | 8 | 33 | | 11 | 6 |
| 56 | | | 58 | 38 | | 1 | 27 | | 4 | 14 | | 6 | 57 | | 9 | 35 | | 12 | 8 |
| 57 | | 0 | 59 | 41 | | 2 | 30 | | 5 | 16 | | 7 | 59 | | 10 | 38 | | 13 | 11 |
| 58 | | 1 | 0 | 44 | | 3 | 33 | | 6 | 19 | | 9 | 2 | | 11 | 40 | | 14 | 13 |
| 59 | | | 1 | 47 | | 4 | 35 | | 7 | 22 | | 10 | 5 | | 12 | 43 | | 15 | 16 |
| 60 | | | 2 | 50 | | 5 | 38 | | 8 | 25 | | 11 | 7 | | 13 | 46 | | 16 | 18 |

RECTÆ

SVBTENSÆ

gradũ.

Tabula sinuum RECTORVM.

| Gra | Minu | | | | | | | | | | | | | | | | | | ar- cuũ. |
|---------|------------------|----|-----|-----|----|-----|-----|----|-----|----------|----|-----|-----|----|-----|-----|----|-----|-------------|
| | d ⁹ . | 6 | | | 7 | | | 8 | | | 9 | | | 10 | | | 11 | | |
| ta. | pt. | ṁ. | z̄. | pt. | ṁ. | z̄. | pt. | ṁ. | z̄. | pt. | ṁ. | z̄. | pt. | ṁ. | z̄. | pt. | ṁ. | z̄. | |
| 0 | 6 | 16 | 18 | 7 | 18 | 44 | 8 | 21 | 1 | 9 | 23 | 10 | 10 | 25 | 8 | 11 | 26 | 55 | |
| 1 | | 17 | 21 | | 19 | 46 | | 22 | 4 | | 24 | 12 | | 26 | 10 | | 27 | 56 | |
| 2 | | 18 | 23 | | 20 | 49 | | 23 | 6 | | 25 | 14 | | 27 | 12 | | 28 | 58 | |
| 3 | | 19 | 26 | | 21 | 51 | | 24 | 8 | | 26 | 16 | | 28 | 14 | | 30 | 0 | |
| 4 | | 20 | 28 | | 22 | 53 | | 25 | 10 | | 27 | 18 | | 29 | 15 | | 31 | 1 | |
| 5 | | 21 | 31 | | 23 | 56 | | 26 | 12 | | 28 | 20 | | 30 | 17 | | 32 | 3 | |
| 6 | | 22 | 33 | | 24 | 58 | | 27 | 15 | | 29 | 22 | | 31 | 19 | | 33 | 5 | |
| 7 | | 23 | 36 | | 26 | 0 | | 28 | 17 | | 30 | 24 | | 32 | 21 | | 34 | 6 | |
| 8 | | 24 | 38 | | 27 | 3 | | 29 | 19 | | 31 | 26 | | 33 | 23 | | 35 | 8 | |
| 9 | | 25 | 40 | | 28 | 5 | | 30 | 21 | | 32 | 28 | | 34 | 25 | | 36 | 10 | |
| 10 | | 26 | 43 | | 29 | 7 | | 31 | 23 | | 33 | 30 | | 35 | 27 | | 37 | 11 | |
| 11 | | 27 | 45 | | 30 | 10 | | 32 | 26 | | 34 | 32 | | 36 | 28 | | 38 | 13 | |
| 12 | | 28 | 48 | | 31 | 12 | | 33 | 28 | | 35 | 34 | | 37 | 30 | | 39 | 15 | |
| 13 | | 29 | 50 | | 32 | 14 | | 34 | 30 | | 36 | 36 | | 38 | 32 | | 40 | 16 | |
| 14 | | 30 | 53 | | 33 | 17 | | 35 | 32 | | 37 | 38 | | 39 | 34 | | 41 | 18 | |
| 15 | | 31 | 55 | | 34 | 19 | | 36 | 34 | | 38 | 40 | | 40 | 36 | | 42 | 20 | |
| 16 | | 32 | 58 | | 35 | 21 | | 37 | 37 | | 39 | 42 | | 41 | 38 | | 43 | 21 | |
| 17 | | 34 | 0 | | 36 | 24 | | 38 | 39 | | 40 | 44 | | 42 | 39 | | 44 | 23 | |
| 18 | | 35 | 3 | | 37 | 26 | | 39 | 41 | | 41 | 46 | | 43 | 41 | | 45 | 24 | |
| 19 | | 36 | 5 | | 38 | 28 | | 40 | 43 | | 42 | 48 | | 44 | 43 | | 46 | 26 | |
| 20 | | 37 | 8 | | 39 | 31 | | 41 | 45 | | 43 | 50 | | 45 | 45 | | 47 | 28 | |
| 21 | | 38 | 10 | | 40 | 33 | | 42 | 47 | | 44 | 52 | | 46 | 47 | | 48 | 29 | |
| 22 | | 39 | 12 | | 41 | 35 | | 43 | 50 | | 45 | 54 | | 47 | 49 | | 49 | 31 | |
| 23 | | 40 | 15 | | 42 | 38 | | 44 | 52 | | 46 | 56 | | 48 | 50 | | 50 | 32 | |
| 24 | | 41 | 17 | | 43 | 40 | | 45 | 54 | | 47 | 58 | | 49 | 52 | | 51 | 34 | |
| 25 | | 42 | 20 | | 44 | 42 | | 46 | 56 | | 49 | 0 | | 50 | 54 | | 52 | 36 | |
| 26 | | 43 | 22 | | 45 | 44 | | 47 | 58 | | 50 | 2 | | 51 | 56 | | 53 | 37 | |
| 27 | | 44 | 25 | | 46 | 47 | | 49 | 0 | | 51 | 4 | | 52 | 58 | | 54 | 39 | |
| 28 | | 45 | 27 | | 47 | 49 | | 50 | 3 | | 52 | 6 | | 53 | 59 | | 55 | 40 | |
| 29 | | 46 | 29 | | 48 | 51 | | 51 | 5 | | 53 | 8 | | 55 | 1 | | 56 | 42 | |
| 30 | 6 | 47 | 32 | 7 | 49 | 54 | 8 | 52 | 7 | 9 | 54 | 10 | 10 | 56 | 3 | 11 | 57 | 43 | |
| graduũ. | RECTÆ | | | | | | | | | SVBTENSÆ | | | | | | | | | |

Continuatio paginæ ANTECEDENTIS.

vsque ad 60 mi.grad.

| Gra | Minu | | | | | | | | | | | | | | | | | | ar- cuũ. |
|-----|------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------------|
| | d ⁹ . | 6 | | | 7 | | | 8 | | | 9 | | | 10 | | | 11 | | |
| ta. | pt. | m̃. | z̃. | pt. | m̃. | z̃. | pt. | m̃. | z̃. | pt. | m̃. | z̃. | pt. | m̃. | z̃. | pt. | m̃. | z̃. | |
| 31 | 6 | 48 | 34 | 7 | 50 | 56 | 8 | 53 | 9 | 9 | 55 | 12 | 10 | 57 | 5 | 11 | 58 | 45 | |
| 32 | | 49 | 37 | | 51 | 58 | | 54 | 11 | | 56 | 14 | | 58 | 6 | 11 | 59 | 47 | |
| 33 | | 50 | 39 | | 53 | 1 | | 55 | 13 | | 57 | 16 | 10 | 59 | 8 | 12 | 0 | 48 | |
| 34 | | 51 | 42 | | 54 | 3 | | 56 | 15 | | 58 | 18 | 11 | 0 | 10 | | 1 | 50 | |
| 35 | | 52 | 44 | | 55 | 5 | | 57 | 18 | 9 | 59 | 20 | | 1 | 12 | | 2 | 51 | |
| 36 | | 53 | 46 | | 56 | 7 | | 58 | 20 | 10 | 0 | 22 | | 2 | 13 | | 3 | 53 | |
| 37 | | 54 | 49 | | 57 | 10 | 8 | 59 | 22 | | 1 | 24 | | 3 | 15 | | 4 | 54 | |
| 38 | | 55 | 51 | | 58 | 12 | 9 | 0 | 24 | | 2 | 26 | | 4 | 17 | | 5 | 56 | |
| 39 | | 56 | 54 | 7 | 59 | 14 | | 1 | 26 | | 3 | 28 | | 5 | 19 | | 6 | 57 | |
| 40 | | 57 | 56 | 8 | 0 | 16 | | 2 | 28 | | 4 | 30 | | 6 | 21 | | 7 | 59 | |
| 41 | 6 | 58 | 58 | | 1 | 19 | | 3 | 30 | | 5 | 32 | | 7 | 22 | | 9 | 1 | |
| 42 | 7 | 0 | 1 | | 2 | 21 | | 4 | 32 | | 6 | 34 | | 8 | 24 | | 10 | 2 | |
| 43 | | 1 | 3 | | 3 | 23 | | 5 | 34 | | 7 | 36 | | 9 | 26 | | 11 | 4 | |
| 44 | | 2 | 6 | | 4 | 26 | | 6 | 37 | | 8 | 38 | | 10 | 27 | | 12 | 5 | |
| 45 | | 3 | 8 | | 5 | 28 | | 7 | 39 | | 9 | 39 | | 11 | 29 | | 13 | 7 | |
| 46 | | 4 | 10 | | 6 | 30 | | 8 | 41 | | 10 | 41 | | 12 | 31 | | 14 | 8 | |
| 47 | | 5 | 13 | | 7 | 32 | | 9 | 43 | | 11 | 43 | | 13 | 33 | | 15 | 10 | |
| 48 | | 6 | 15 | | 8 | 35 | | 10 | 45 | | 12 | 45 | | 14 | 34 | | 16 | 11 | |
| 49 | | 7 | 18 | | 9 | 37 | | 11 | 47 | | 13 | 47 | | 15 | 36 | | 17 | 13 | |
| 50 | | 8 | 20 | | 10 | 39 | | 12 | 49 | | 14 | 49 | | 16 | 38 | | 18 | 14 | |
| 51 | | 9 | 22 | | 11 | 41 | | 13 | 51 | | 15 | 51 | | 17 | 40 | | 19 | 16 | |
| 52 | | 10 | 25 | | 12 | 44 | | 14 | 53 | | 16 | 53 | | 18 | 41 | | 20 | 17 | |
| 53 | | 11 | 27 | | 13 | 46 | | 15 | 55 | | 17 | 55 | | 19 | 43 | | 21 | 19 | |
| 54 | | 12 | 30 | | 14 | 48 | | 16 | 57 | | 18 | 57 | | 20 | 45 | | 22 | 20 | |
| 55 | | 13 | 32 | | 15 | 50 | | 18 | 0 | | 19 | 59 | | 21 | 46 | | 23 | 22 | |
| 56 | | 14 | 34 | | 16 | 52 | | 19 | 2 | | 21 | 0 | | 22 | 48 | | 24 | 23 | |
| 57 | | 15 | 37 | | 17 | 55 | | 20 | 4 | | 22 | 2 | | 23 | 50 | | 25 | 25 | |
| 58 | | 16 | 39 | | 18 | 57 | | 21 | 6 | | 23 | 4 | | 24 | 51 | | 26 | 26 | |
| 59 | | 17 | 41 | | 19 | 59 | | 22 | 8 | | 24 | 6 | | 25 | 53 | | 27 | 27 | |
| 60 | | 18 | 44 | | 21 | 1 | | 23 | 10 | | 25 | 8 | | 26 | 55 | | 28 | 29 | |

gradũ.
RECTÆ
SVBTENSÆ

Tabula sinuum RECTORVM.

| Minu | | | | | | | | | | | | | | | | | | | | ar- cuũ. | |
|------|------------------|-----|----|-----|-----|----|-----|-----|----|-----|-----|----|-----|-----|----|-----|-----|----|-----|-------------|--|
| Gra | d ^o . | 12 | | | 13 | | | 14 | | | 15 | | | 16 | | | 17 | | | | |
| | ta. | pt. | ṁ. | z̄. | pt. | ṁ. | z̄. | pt. | ṁ. | z̄. | pt. | ṁ. | z̄. | pt. | ṁ. | z̄. | pt. | ṁ. | z̄. | | |
| 0 | 12 | 28 | 29 | 13 | 29 | 49 | 14 | 30 | 55 | 15 | 31 | 45 | 16 | 32 | 18 | 17 | 32 | 32 | | | |
| 1 | | 29 | 30 | | 30 | 51 | | 31 | 56 | | 32 | 46 | | 33 | 18 | | 33 | 32 | | | |
| 2 | | 30 | 32 | | 31 | 52 | | 32 | 57 | | 33 | 46 | | 34 | 18 | | 34 | 32 | | | |
| 3 | | 31 | 33 | | 32 | 53 | | 33 | 58 | | 34 | 47 | | 35 | 19 | | 35 | 33 | | | |
| 4 | | 32 | 35 | | 33 | 54 | | 34 | 59 | | 35 | 48 | | 36 | 19 | | 36 | 33 | | | |
| 5 | | 33 | 36 | | 34 | 55 | | 36 | 0 | | 36 | 48 | | 37 | 20 | | 37 | 33 | | | |
| 6 | | 34 | 38 | | 35 | 57 | | 37 | 1 | | 37 | 49 | | 38 | 20 | | 38 | 33 | | | |
| 7 | | 35 | 39 | | 36 | 58 | | 38 | 2 | | 38 | 50 | | 39 | 20 | | 39 | 33 | | | |
| 8 | | 36 | 40 | | 37 | 59 | | 39 | 3 | | 39 | 50 | | 40 | 21 | | 40 | 33 | | | |
| 9 | | 37 | 42 | | 39 | 0 | | 40 | 4 | | 40 | 51 | | 41 | 21 | | 41 | 33 | | | |
| 10 | | 38 | 43 | | 40 | 1 | | 41 | 5 | | 41 | 52 | | 42 | 21 | | 42 | 33 | | | |
| 11 | | 39 | 45 | | 41 | 3 | | 42 | 5 | | 42 | 52 | | 43 | 22 | | 43 | 33 | | | |
| 12 | | 40 | 46 | | 42 | 4 | | 43 | 6 | | 43 | 53 | | 44 | 22 | | 44 | 33 | | | |
| 13 | | 41 | 48 | | 43 | 5 | | 44 | 7 | | 44 | 53 | | 45 | 22 | | 45 | 33 | | | |
| 14 | | 42 | 49 | | 44 | 6 | | 45 | 8 | | 45 | 54 | | 46 | 23 | | 46 | 33 | | | |
| 15 | | 43 | 50 | | 45 | 7 | | 46 | 9 | | 46 | 55 | | 47 | 23 | | 47 | 33 | | | |
| 16 | | 44 | 52 | | 46 | 8 | | 47 | 10 | | 47 | 55 | | 48 | 23 | | 48 | 33 | | | |
| 17 | | 45 | 53 | | 47 | 10 | | 48 | 11 | | 48 | 56 | | 49 | 24 | | 49 | 33 | | | |
| 18 | | 46 | 55 | | 48 | 11 | | 49 | 12 | | 49 | 57 | | 50 | 24 | | 50 | 33 | | | |
| 19 | | 47 | 56 | | 49 | 12 | | 50 | 13 | | 50 | 57 | | 51 | 24 | | 51 | 33 | | | |
| 20 | | 48 | 57 | | 50 | 13 | | 51 | 14 | | 51 | 58 | | 52 | 25 | | 52 | 33 | | | |
| 21 | | 49 | 59 | | 51 | 14 | | 52 | 14 | | 52 | 58 | | 53 | 25 | | 53 | 33 | | | |
| 22 | | 51 | 0 | | 52 | 15 | | 53 | 15 | | 53 | 59 | | 54 | 25 | | 54 | 33 | | | |
| 23 | | 52 | 1 | | 53 | 16 | | 54 | 16 | | 55 | 0 | | 55 | 25 | | 55 | 33 | | | |
| 24 | | 53 | 3 | | 54 | 18 | | 55 | 17 | | 56 | 0 | | 56 | 26 | | 56 | 33 | | | |
| 25 | | 54 | 4 | | 55 | 19 | | 56 | 18 | | 57 | 1 | | 57 | 26 | | 57 | 33 | | | |
| 26 | | 55 | 6 | | 56 | 20 | | 57 | 19 | | 58 | 1 | | 58 | 26 | | 58 | 33 | | | |
| 27 | | 56 | 7 | | 57 | 21 | | 58 | 20 | 15 | 59 | 2 | 16 | 59 | 27 | 17 | 59 | 33 | | | |
| 28 | | 57 | 8 | | 58 | 22 | 14 | 59 | 20 | 16 | 0 | 2 | 17 | 0 | 27 | 18 | 0 | 33 | | | |
| 29 | | 58 | 10 | 13 | 59 | 23 | 15 | 0 | 21 | | 1 | 3 | | 1 | 27 | | 1 | 33 | | | |
| 30 | 12 | 59 | 11 | 14 | 0 | 24 | 15 | 1 | 22 | 16 | 2 | 3 | 17 | 2 | 27 | 18 | 2 | 32 | | | |

graduũ.
RECTÆ
SVBTENSÆ

Continuatio paginæ ANTECEDENTIS.

vsque ad 60 mi.grad.

| Gra | Minu | | | | | | | | | | | | | | | | | | ar- cuũ. |
|-----|------------------|-----|-----|-----|-----|-----|-----|-----|-----|----------|-----|-----|-----|-----|-----|-----|-----|-----|-------------|
| | d ⁹ . | 12 | | | 13 | | | 14 | | | 15 | | | 16 | | | 17 | | |
| | ta. | pt. | m̃. | z̃. | pt. | m̃. | z̃. | pt. | m̃. | z̃. | pt. | m̃. | z̃. | pt. | m̃. | z̃. | pt. | m̃. | z̃. |
| 31 | 13 | 0 | 12 | 14 | 1 | 25 | 15 | 2 | 23 | 16 | 3 | 4 | 17 | 3 | 28 | 18 | 3 | 32 | |
| 32 | | 1 | 14 | | 2 | 26 | | 3 | 24 | | 4 | 5 | | 4 | 28 | | 4 | 32 | |
| 33 | | 2 | 15 | | 3 | 27 | | 4 | 25 | | 5 | 5 | | 5 | 28 | | 5 | 32 | |
| 34 | | 3 | 16 | | 4 | 29 | | 5 | 25 | | 6 | 6 | | 6 | 28 | | 6 | 32 | |
| 35 | | 4 | 18 | | 5 | 30 | | 6 | 26 | | 7 | 6 | | 7 | 28 | | 7 | 32 | |
| 36 | | 5 | 19 | | 6 | 31 | | 7 | 27 | | 8 | 7 | | 8 | 29 | | 8 | 32 | |
| 37 | | 6 | 20 | | 7 | 32 | | 8 | 28 | | 9 | 7 | | 9 | 29 | | 9 | 32 | |
| 38 | | 7 | 22 | | 8 | 33 | | 9 | 29 | | 10 | 8 | | 10 | 29 | | 10 | 32 | |
| 39 | | 8 | 23 | | 9 | 34 | | 10 | 29 | | 11 | 8 | | 11 | 29 | | 11 | 32 | |
| 40 | | 9 | 24 | | 10 | 35 | | 11 | 30 | | 12 | 9 | | 12 | 29 | | 12 | 31 | |
| 41 | | 10 | 25 | | 11 | 36 | | 12 | 31 | | 13 | 9 | | 13 | 30 | | 13 | 31 | |
| 42 | | 11 | 27 | | 12 | 37 | | 13 | 32 | | 14 | 10 | | 14 | 30 | | 14 | 31 | |
| 43 | | 12 | 28 | | 13 | 38 | | 14 | 32 | | 15 | 10 | | 15 | 30 | | 15 | 31 | |
| 44 | | 13 | 29 | | 14 | 39 | | 15 | 33 | | 16 | 11 | | 16 | 30 | | 16 | 31 | |
| 45 | | 14 | 31 | | 15 | 40 | | 16 | 34 | | 17 | 11 | | 17 | 30 | | 17 | 31 | |
| 46 | | 15 | 32 | | 16 | 41 | | 17 | 35 | | 18 | 12 | | 18 | 31 | | 18 | 31 | |
| 47 | | 16 | 33 | | 17 | 42 | | 18 | 36 | | 19 | 12 | | 19 | 31 | | 19 | 30 | |
| 48 | | 17 | 34 | | 18 | 43 | | 19 | 36 | | 20 | 13 | | 20 | 31 | | 20 | 30 | |
| 49 | | 18 | 36 | | 19 | 44 | | 20 | 37 | | 21 | 13 | | 21 | 31 | | 21 | 30 | |
| 50 | | 19 | 37 | | 20 | 45 | | 21 | 38 | | 22 | 13 | | 22 | 31 | | 22 | 30 | |
| 51 | | 20 | 38 | | 21 | 46 | | 22 | 39 | | 23 | 14 | | 23 | 31 | | 23 | 30 | |
| 52 | | 21 | 40 | | 22 | 47 | | 23 | 39 | | 24 | 14 | | 24 | 31 | | 24 | 29 | |
| 53 | | 22 | 41 | | 23 | 48 | | 24 | 40 | | 25 | 15 | | 25 | 32 | | 25 | 29 | |
| 54 | | 23 | 42 | | 24 | 49 | | 25 | 41 | | 26 | 15 | | 26 | 32 | | 26 | 29 | |
| 55 | | 24 | 43 | | 25 | 50 | | 26 | 41 | | 27 | 16 | | 27 | 32 | | 27 | 29 | |
| 56 | | 25 | 45 | | 26 | 51 | | 27 | 42 | | 28 | 16 | | 28 | 32 | | 28 | 29 | |
| 57 | | 26 | 46 | | 27 | 52 | | 28 | 43 | | 29 | 16 | | 29 | 32 | | 29 | 28 | |
| 58 | | 27 | 47 | | 28 | 53 | | 29 | 44 | | 30 | 17 | | 30 | 32 | | 30 | 28 | |
| 59 | | 28 | 48 | | 29 | 54 | | 30 | 44 | | 31 | 17 | | 31 | 32 | | 31 | 28 | |
| 60 | | 29 | 49 | | 30 | 55 | | 31 | 45 | | 32 | 18 | | 32 | 32 | | 32 | 28 | |
| | RECTÆ | | | | | | | | | SVBTENSÆ | | | | | | | | | |
| | graduũ. | | | | | | | | | | | | | | | | | | |

Tabula sinuum RECTORVM.

| Minu | | | | | | | | | | | | | | | | | | | | ar- cuũ. | |
|------|------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------------|--|
| Gra | d ^o . | 18 | | | 19 | | | 20 | | | 21 | | | 22 | | | 23 | | | | |
| | ta. | pt. | m̃. | z̃. | pt. | m̃. | z̃. | pt. | m̃. | z̃. | pt. | m̃. | z̃. | pt. | m̃. | z̃. | pt. | m̃. | z̃. | | |
| 0 | 18 | 32 | 28 | 19 | 32 | 3 | 20 | 31 | 16 | 21 | 30 | 7 | 22 | 28 | 35 | 23 | 26 | 38 | | | |
| 1 | | 33 | 27 | | 33 | 2 | | 32 | 15 | | 31 | 6 | | 29 | 33 | | 27 | 36 | | | |
| 2 | | 34 | 27 | | 34 | 2 | | 33 | 14 | | 32 | 5 | | 30 | 32 | | 28 | 34 | | | |
| 3 | | 35 | 27 | | 35 | 1 | | 34 | 13 | | 33 | 3 | | 31 | 30 | | 29 | 31 | | | |
| 4 | | 36 | 27 | | 36 | 0 | | 35 | 12 | | 34 | 2 | | 32 | 28 | | 30 | 29 | | | |
| 5 | | 37 | 26 | | 37 | 0 | | 36 | 11 | | 35 | 1 | | 33 | 26 | | 31 | 27 | | | |
| 6 | | 38 | 26 | | 37 | 59 | | 37 | 10 | | 35 | 59 | | 34 | 24 | | 32 | 25 | | | |
| 7 | | 39 | 26 | | 38 | 58 | | 38 | 9 | | 36 | 58 | | 35 | 23 | | 33 | 23 | | | |
| 8 | | 40 | 26 | | 39 | 58 | | 39 | 8 | | 37 | 57 | | 36 | 21 | | 34 | 20 | | | |
| 9 | | 41 | 25 | | 40 | 57 | | 40 | 7 | | 38 | 55 | | 37 | 19 | | 35 | 18 | | | |
| 10 | | 42 | 25 | | 41 | 57 | | 41 | 6 | | 39 | 54 | | 38 | 17 | | 36 | 16 | | | |
| 11 | | 43 | 25 | | 42 | 56 | | 42 | 5 | | 40 | 52 | | 39 | 15 | | 37 | 14 | | | |
| 12 | | 44 | 24 | | 43 | 55 | | 43 | 4 | | 41 | 51 | | 40 | 14 | | 38 | 11 | | | |
| 13 | | 45 | 24 | | 44 | 55 | | 44 | 3 | | 42 | 49 | | 41 | 12 | | 39 | 9 | | | |
| 14 | | 46 | 24 | | 45 | 54 | | 45 | 2 | | 43 | 48 | | 42 | 10 | | 40 | 7 | | | |
| 15 | | 47 | 23 | | 46 | 53 | | 46 | 1 | | 44 | 47 | | 43 | 8 | | 41 | 5 | | | |
| 16 | | 48 | 23 | | 47 | 52 | | 47 | 0 | | 45 | 45 | | 44 | 6 | | 42 | 2 | | | |
| 17 | | 49 | 23 | | 48 | 52 | | 47 | 59 | | 46 | 44 | | 45 | 4 | | 43 | 0 | | | |
| 18 | | 50 | 22 | | 49 | 51 | | 48 | 58 | | 47 | 42 | | 46 | 3 | | 43 | 58 | | | |
| 19 | | 51 | 22 | | 50 | 50 | | 49 | 57 | | 48 | 41 | | 47 | 1 | | 44 | 56 | | | |
| 20 | | 52 | 22 | | 51 | 50 | | 50 | 56 | | 49 | 39 | | 47 | 59 | | 45 | 53 | | | |
| 21 | | 53 | 21 | | 52 | 49 | | 51 | 55 | | 50 | 38 | | 48 | 57 | | 46 | 51 | | | |
| 22 | | 54 | 21 | | 53 | 48 | | 52 | 54 | | 51 | 36 | | 49 | 55 | | 47 | 49 | | | |
| 23 | | 55 | 21 | | 54 | 48 | | 53 | 53 | | 52 | 35 | | 50 | 53 | | 48 | 46 | | | |
| 24 | | 56 | 20 | | 55 | 47 | | 54 | 52 | | 53 | 33 | | 51 | 51 | | 49 | 44 | | | |
| 25 | | 57 | 20 | | 56 | 46 | | 55 | 50 | | 54 | 32 | | 52 | 49 | | 50 | 42 | | | |
| 26 | | 58 | 19 | | 57 | 45 | | 56 | 49 | | 55 | 30 | | 53 | 47 | | 51 | 39 | | | |
| 27 | 18 | 59 | 19 | | 58 | 45 | | 57 | 48 | | 56 | 29 | | 54 | 45 | | 52 | 37 | | | |
| 28 | 19 | 0 | 19 | 19 | 59 | 44 | | 58 | 47 | | 57 | 27 | | 55 | 44 | | 53 | 35 | | | |
| 29 | | 1 | 18 | 20 | 0 | 43 | 20 | 59 | 46 | | 58 | 26 | | 56 | 42 | | 54 | 32 | | | |
| 30 | 19 | 2 | 18 | 20 | 1 | 42 | 21 | 0 | 45 | 21 | 59 | 24 | 22 | 57 | 40 | 23 | 55 | 30 | | | |

gradũ.
RECTÆ
SVBTENSÆ

Continuatio paginæ ANTECEDENTIS.

vsque ad 60 mi.grad.

| Gra | Minu | | | | | | | | | | | | | | | | | | ar- cuũ. |
|-----|------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------------|
| | d ⁹ . | 18 | | | 19 | | | 20 | | | 21 | | | 22 | | | 23 | | |
| | ta. | pt. | m̃. | z̃. | pt. | m̃. | z̃. | pt. | m̃. | z̃. | pt. | m̃. | z̃. | pt. | m̃. | z̃. | pt. | m̃. | z̃. |
| 31 | 19 | 3 | 17 | 20 | 2 | 42 | 21 | 1 | 44 | 22 | 0 | 23 | 22 | 58 | 38 | 23 | 56 | 27 | |
| 32 | | 4 | 17 | | 3 | 41 | | 2 | 42 | | 1 | 21 | 22 | 59 | 36 | | 57 | 25 | |
| 33 | | 5 | 17 | | 4 | 40 | | 3 | 41 | | 2 | 20 | 23 | 0 | 34 | | 58 | 23 | |
| 34 | | 6 | 16 | | 5 | 39 | | 4 | 40 | | 3 | 18 | | 1 | 32 | 23 | 59 | 20 | |
| 35 | | 7 | 16 | | 6 | 38 | | 5 | 39 | | 4 | 16 | | 2 | 30 | 24 | 0 | 18 | |
| 36 | | 8 | 15 | | 7 | 38 | | 6 | 38 | | 5 | 15 | | 3 | 28 | | 1 | 15 | |
| 37 | | 9 | 15 | | 8 | 37 | | 7 | 37 | | 6 | 13 | | 4 | 26 | | 2 | 13 | |
| 38 | | 10 | 14 | | 9 | 36 | | 8 | 35 | | 7 | 12 | | 5 | 24 | | 3 | 11 | |
| 39 | | 11 | 14 | | 10 | 35 | | 9 | 34 | | 8 | 10 | | 6 | 22 | | 4 | 8 | |
| 40 | | 12 | 13 | | 11 | 34 | | 10 | 33 | | 9 | 9 | | 7 | 20 | | 5 | 6 | |
| 41 | | 13 | 13 | | 12 | 33 | | 11 | 32 | | 10 | 7 | | 8 | 18 | | 6 | 3 | |
| 42 | | 14 | 12 | | 13 | 33 | | 12 | 31 | | 11 | 5 | | 9 | 16 | | 7 | 1 | |
| 43 | | 15 | 12 | | 14 | 32 | | 13 | 29 | | 12 | 4 | | 10 | 14 | | 7 | 58 | |
| 44 | | 16 | 11 | | 15 | 31 | | 14 | 28 | | 13 | 2 | | 11 | 12 | | 8 | 56 | |
| 45 | | 17 | 11 | | 16 | 30 | | 15 | 27 | | 14 | 0 | | 12 | 10 | | 9 | 53 | |
| 46 | | 18 | 10 | | 17 | 29 | | 16 | 26 | | 14 | 59 | | 13 | 8 | | 10 | 51 | |
| 47 | | 19 | 10 | | 18 | 28 | | 17 | 24 | | 15 | 57 | | 14 | 5 | | 11 | 48 | |
| 48 | | 20 | 9 | | 19 | 27 | | 18 | 23 | | 16 | 55 | | 15 | 3 | | 12 | 46 | |
| 49 | | 21 | 9 | | 20 | 27 | | 19 | 22 | | 17 | 54 | | 16 | 1 | | 13 | 43 | |
| 50 | | 22 | 8 | | 21 | 26 | | 20 | 21 | | 18 | 52 | | 16 | 59 | | 14 | 41 | |
| 51 | | 23 | 8 | | 22 | 25 | | 21 | 19 | | 19 | 50 | | 17 | 57 | | 15 | 38 | |
| 52 | | 24 | 7 | | 23 | 24 | | 22 | 18 | | 20 | 49 | | 18 | 55 | | 16 | 36 | |
| 53 | | 25 | 7 | | 24 | 23 | | 23 | 17 | | 21 | 47 | | 19 | 53 | | 17 | 33 | |
| 54 | | 26 | 6 | | 25 | 22 | | 24 | 15 | | 22 | 45 | | 20 | 51 | | 18 | 31 | |
| 55 | | 27 | 6 | | 26 | 21 | | 25 | 14 | | 23 | 44 | | 21 | 49 | | 19 | 28 | |
| 56 | | 28 | 5 | | 27 | 20 | | 26 | 13 | | 24 | 42 | | 22 | 47 | | 20 | 25 | |
| 57 | | 29 | 4 | | 28 | 19 | | 27 | 11 | | 25 | 40 | | 23 | 44 | | 21 | 23 | |
| 58 | | 30 | 4 | | 29 | 18 | | 28 | 10 | | 26 | 38 | | 24 | 42 | | 22 | 20 | |
| 59 | | 31 | 3 | | 30 | 17 | | 29 | 9 | | 27 | 37 | | 25 | 40 | | 23 | 18 | |
| 60 | | 32 | 3 | | 31 | 16 | | 30 | 7 | | 28 | 35 | | 26 | 38 | | 24 | 15 | |

RECTÆ

SVBTENSÆ

gradũ.

Tabula sinuum RECTORVM.

| Gra | Minu | | | | | | | | | | | | | | | | | | ar- cuũ. |
|---------|------------------|----|-----|-----|----|-----|-----|----|-----|----------|----|-----|-----|----|-----|-----|----|-----|-------------|
| | d ⁹ . | 24 | | | 25 | | | 26 | | | 27 | | | 28 | | | 29 | | |
| ta. | pt. | ṁ. | z̄. | pt. | ṁ. | z̄. | pt. | ṁ. | z̄. | pt. | ṁ. | z̄. | pt. | ṁ. | z̄. | pt. | ṁ. | z̄. | |
| 0 | 24 | 24 | 15 | 25 | 21 | 26 | 26 | 18 | 8 | 27 | 14 | 22 | 28 | 10 | 6 | 29 | 5 | 19 | |
| 1 | | 25 | 13 | | 22 | 22 | | 19 | 5 | | 15 | 18 | | 11 | 1 | | 6 | 14 | |
| 2 | | 26 | 10 | | 23 | 19 | | 20 | 1 | | 16 | 14 | | 11 | 57 | | 7 | 9 | |
| 3 | | 27 | 7 | | 24 | 16 | | 20 | 58 | | 17 | 10 | | 12 | 52 | | 8 | 4 | |
| 4 | | 28 | 5 | | 25 | 13 | | 21 | 54 | | 18 | 6 | | 13 | 48 | | 8 | 59 | |
| 5 | | 29 | 2 | | 26 | 10 | | 22 | 50 | | 19 | 2 | | 14 | 43 | | 9 | 54 | |
| 6 | | 29 | 59 | | 27 | 7 | | 23 | 47 | | 19 | 58 | | 15 | 39 | | 10 | 48 | |
| 7 | | 30 | 57 | | 28 | 4 | | 24 | 43 | | 20 | 54 | | 16 | 34 | | 11 | 43 | |
| 8 | | 31 | 54 | | 29 | 1 | | 25 | 40 | | 21 | 50 | | 17 | 29 | | 12 | 38 | |
| 9 | | 32 | 51 | | 29 | 58 | | 26 | 36 | | 22 | 45 | | 18 | 25 | | 13 | 33 | |
| 10 | | 33 | 49 | | 30 | 55 | | 27 | 32 | | 23 | 41 | | 19 | 20 | | 14 | 28 | |
| 11 | | 34 | 46 | | 31 | 51 | | 28 | 29 | | 24 | 37 | | 20 | 16 | | 15 | 23 | |
| 12 | | 35 | 43 | | 32 | 48 | | 29 | 25 | | 25 | 33 | | 21 | 11 | | 16 | 18 | |
| 13 | | 36 | 41 | | 33 | 45 | | 30 | 22 | | 26 | 29 | | 22 | 6 | | 17 | 13 | |
| 14 | | 37 | 38 | | 34 | 42 | | 31 | 18 | | 27 | 25 | | 23 | 2 | | 18 | 7 | |
| 15 | | 38 | 35 | | 35 | 39 | | 32 | 14 | | 28 | 21 | | 23 | 57 | | 19 | 2 | |
| 16 | | 39 | 33 | | 36 | 36 | | 33 | 11 | | 29 | 17 | | 24 | 52 | | 19 | 57 | |
| 17 | | 40 | 30 | | 37 | 32 | | 34 | 7 | | 30 | 12 | | 25 | 48 | | 20 | 52 | |
| 18 | | 41 | 27 | | 38 | 29 | | 35 | 3 | | 31 | 8 | | 26 | 43 | | 21 | 47 | |
| 19 | | 42 | 24 | | 39 | 26 | | 36 | 0 | | 32 | 4 | | 27 | 38 | | 22 | 41 | |
| 20 | | 43 | 22 | | 40 | 23 | | 36 | 56 | | 33 | 0 | | 28 | 34 | | 23 | 36 | |
| 21 | | 44 | 19 | | 41 | 20 | | 37 | 52 | | 33 | 56 | | 29 | 29 | | 24 | 31 | |
| 22 | | 45 | 16 | | 42 | 16 | | 38 | 49 | | 34 | 52 | | 30 | 24 | | 25 | 26 | |
| 23 | | 46 | 13 | | 43 | 13 | | 39 | 45 | | 35 | 47 | | 31 | 20 | | 26 | 20 | |
| 24 | | 47 | 11 | | 44 | 10 | | 40 | 41 | | 36 | 43 | | 32 | 15 | | 27 | 15 | |
| 25 | | 48 | 8 | | 45 | 7 | | 41 | 37 | | 37 | 39 | | 33 | 10 | | 28 | 10 | |
| 26 | | 49 | 5 | | 46 | 3 | | 42 | 34 | | 38 | 35 | | 34 | 5 | | 29 | 5 | |
| 27 | | 50 | 2 | | 47 | 0 | | 43 | 30 | | 39 | 30 | | 35 | 1 | | 29 | 59 | |
| 28 | | 50 | 59 | | 47 | 57 | | 44 | 26 | | 40 | 26 | | 35 | 56 | | 30 | 54 | |
| 29 | | 51 | 57 | | 48 | 54 | | 45 | 22 | | 41 | 22 | | 36 | 51 | | 31 | 49 | |
| 30 | 24 | 52 | 54 | 25 | 49 | 50 | 26 | 46 | 19 | 27 | 42 | 18 | 28 | 37 | 46 | 29 | 32 | 43 | |
| graduũ. | RECTÆ | | | | | | | | | SVBTENSÆ | | | | | | | | | |

Continuatio paginæ ANTECEDENTIS.

vsque ad 60 mi.grad.

| Gra | Minu | | | | | | | | | | | | | | | | | | ar- cuũ. | | | | | |
|-----|------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------------|----|----|----|----|----|
| | d ⁹ . | 24 | | | 25 | | | 26 | | | 27 | | | 28 | | | 29 | | | | | | | |
| | ta. | pt. | m̃. | z̃. | pt. | m̃. | z̃. | pt. | m̃. | z̃. | pt. | m̃. | z̃. | pt. | m̃. | z̃. | pt. | m̃. | z̃. | | | | | |
| 31 | | 24 | 53 | 51 | | 25 | 50 | 47 | | 26 | 47 | 15 | | 27 | 43 | 13 | | 28 | 38 | 42 | | 29 | 33 | 38 |
| 32 | | | 54 | 48 | | | 51 | 44 | | | 48 | 11 | | | 44 | 9 | | | 39 | 37 | | | 34 | 33 |
| 33 | | | 55 | 45 | | | 52 | 40 | | | 49 | 7 | | | 45 | 5 | | | 40 | 32 | | | 35 | 28 |
| 34 | | | 56 | 42 | | | 53 | 37 | | | 50 | 4 | | | 46 | 1 | | | 41 | 27 | | | 36 | 22 |
| 35 | | | 57 | 40 | | | 54 | 34 | | | 51 | 0 | | | 46 | 56 | | | 42 | 22 | | | 37 | 17 |
| 36 | | | 58 | 37 | | | 55 | 31 | | | 51 | 56 | | | 47 | 52 | | | 43 | 17 | | | 38 | 11 |
| 37 | | 24 | 59 | 34 | | | 56 | 27 | | | 52 | 52 | | | 48 | 48 | | | 44 | 13 | | | 39 | 6 |
| 38 | | 25 | 0 | 31 | | | 57 | 24 | | | 53 | 48 | | | 49 | 43 | | | 45 | 8 | | | 40 | 1 |
| 39 | | | 1 | 28 | | | 58 | 20 | | | 54 | 44 | | | 50 | 39 | | | 46 | 3 | | | 40 | 55 |
| 40 | | | 2 | 25 | | 25 | 59 | 17 | | | 55 | 41 | | | 51 | 35 | | | 46 | 58 | | | 41 | 50 |
| 41 | | | 3 | 22 | | 26 | 0 | 14 | | | 56 | 37 | | | 52 | 30 | | | 47 | 53 | | | 42 | 44 |
| 42 | | | 4 | 19 | | | 1 | 10 | | | 57 | 33 | | | 53 | 26 | | | 48 | 48 | | | 43 | 39 |
| 43 | | | 5 | 16 | | | 2 | 7 | | | 58 | 29 | | | 54 | 22 | | | 49 | 43 | | | 44 | 34 |
| 44 | | | 6 | 13 | | | 3 | 4 | 26 | | 59 | 25 | | | 55 | 17 | | | 50 | 38 | | | 45 | 28 |
| 45 | | | 7 | 11 | | | 4 | 0 | 27 | | 0 | 21 | | | 56 | 13 | | | 51 | 34 | | | 46 | 23 |
| 46 | | | 8 | 8 | | | 4 | 57 | | | 1 | 17 | | | 57 | 8 | | | 52 | 29 | | | 47 | 17 |
| 47 | | | 9 | 5 | | | 5 | 53 | | | 2 | 13 | | | 58 | 4 | | | 53 | 24 | | | 48 | 12 |
| 48 | | | 10 | 2 | | | 6 | 50 | | | 3 | 10 | | | 59 | 0 | | | 54 | 19 | | | 49 | 6 |
| 49 | | | 10 | 59 | | | 7 | 46 | | | 4 | 6 | 27 | | 59 | 55 | | | 55 | 14 | | | 50 | 1 |
| 50 | | | 11 | 56 | | | 8 | 43 | | | 5 | 2 | 28 | | 0 | 51 | | | 56 | 9 | | | 50 | 55 |
| 51 | | | 12 | 53 | | | 9 | 40 | | | 5 | 58 | | | 1 | 46 | | | 57 | 4 | | | 51 | 50 |
| 52 | | | 13 | 50 | | | 10 | 36 | | | 6 | 54 | | | 2 | 42 | | | 57 | 59 | | | 52 | 44 |
| 53 | | | 14 | 47 | | | 11 | 33 | | | 7 | 50 | | | 3 | 37 | | | 58 | 54 | | | 53 | 39 |
| 54 | | | 15 | 44 | | | 12 | 29 | | | 8 | 46 | | | 4 | 33 | 28 | | 59 | 49 | | | 54 | 33 |
| 55 | | | 16 | 41 | | | 13 | 26 | | | 9 | 42 | | | 5 | 28 | 29 | | 0 | 44 | | | 55 | 28 |
| 56 | | | 17 | 38 | | | 14 | 22 | | | 10 | 38 | | | 6 | 24 | | | 1 | 39 | | | 56 | 22 |
| 57 | | | 18 | 35 | | | 15 | 19 | | | 11 | 34 | | | 7 | 19 | | | 2 | 34 | | | 57 | 17 |
| 58 | | | 19 | 32 | | | 16 | 15 | | | 12 | 30 | | | 8 | 15 | | | 3 | 29 | | | 58 | 11 |
| 59 | | | 20 | 29 | | | 17 | 12 | | | 13 | 26 | | | 9 | 10 | | | 4 | 24 | 29 | | 59 | 6 |
| 60 | | | 21 | 26 | | | 18 | 8 | | | 14 | 22 | | | 10 | 6 | | | 5 | 19 | 30 | | 0 | 0 |

RECTÆ

SVBTENSÆ

gradũ.

Tabula sinuum RECTORVM.

| Gra | Minu | | | | | | | | | | | | | | | | | | ar- cuũ. |
|-----|------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------------|
| | d ^o . | 30 | | | 31 | | | 32 | | | 33 | | | 34 | | | 35 | | |
| ta. | pt. | m̃. | z̃. | pt. | m̃. | z̃. | pt. | m̃. | z̃. | pt. | m̃. | z̃. | pt. | m̃. | z̃. | pt. | m̃. | z̃. | |
| 0 | 30 | 0 | 0 | 30 | 54 | 8 | 31 | 47 | 43 | 32 | 40 | 42 | 33 | 33 | 6 | 34 | 24 | 53 | |
| 1 | | 0 | 54 | | 55 | 2 | | 48 | 36 | | 41 | 35 | | 33 | 58 | | 25 | 44 | |
| 2 | | 1 | 49 | | 55 | 56 | | 49 | 29 | | 42 | 27 | | 34 | 50 | | 26 | 35 | |
| 3 | | 2 | 43 | | 56 | 50 | | 50 | 22 | | 43 | 20 | | 35 | 42 | | 27 | 27 | |
| 4 | | 3 | 38 | | 57 | 44 | | 51 | 16 | | 44 | 13 | | 36 | 34 | | 28 | 18 | |
| 5 | | 4 | 32 | | 58 | 37 | | 52 | 9 | | 45 | 5 | | 37 | 26 | | 29 | 10 | |
| 6 | | 5 | 26 | 30 | 59 | 31 | | 53 | 2 | | 45 | 58 | | 38 | 18 | | 30 | 1 | |
| 7 | | 6 | 21 | 31 | 0 | 25 | | 53 | 55 | | 46 | 51 | | 39 | 10 | | 30 | 53 | |
| 8 | | 7 | 15 | | 1 | 19 | | 54 | 49 | | 47 | 43 | | 40 | 2 | | 31 | 44 | |
| 9 | | 8 | 9 | | 2 | 13 | | 55 | 42 | | 48 | 36 | | 40 | 54 | | 32 | 35 | |
| 10 | | 9 | 4 | | 3 | 6 | | 56 | 35 | | 49 | 28 | | 41 | 46 | | 33 | 27 | |
| 11 | | 9 | 58 | | 4 | 0 | | 57 | 28 | | 50 | 21 | | 42 | 38 | | 34 | 18 | |
| 12 | | 10 | 52 | | 4 | 54 | | 58 | 21 | | 51 | 14 | | 43 | 30 | | 35 | 9 | |
| 13 | | 11 | 47 | | 5 | 48 | 31 | 59 | 14 | | 52 | 6 | | 44 | 22 | | 36 | 1 | |
| 14 | | 12 | 41 | | 6 | 41 | 32 | 0 | 8 | | 52 | 59 | | 45 | 14 | | 36 | 52 | |
| 15 | | 13 | 35 | | 7 | 35 | | 1 | 1 | | 53 | 51 | | 46 | 6 | | 37 | 43 | |
| 16 | | 14 | 29 | | 8 | 29 | | 1 | 54 | | 54 | 44 | | 46 | 58 | | 38 | 35 | |
| 17 | | 15 | 24 | | 9 | 22 | | 2 | 47 | | 55 | 36 | | 47 | 50 | | 39 | 26 | |
| 18 | | 16 | 18 | | 10 | 16 | | 3 | 40 | | 56 | 29 | | 48 | 42 | | 40 | 17 | |
| 19 | | 17 | 12 | | 11 | 10 | | 4 | 33 | | 57 | 21 | | 49 | 34 | | 41 | 9 | |
| 20 | | 18 | 6 | | 12 | 3 | | 5 | 26 | | 58 | 14 | | 50 | 25 | | 42 | 0 | |
| 21 | | 19 | 1 | | 12 | 57 | | 6 | 19 | | 59 | 6 | | 51 | 17 | | 42 | 51 | |
| 22 | | 19 | 55 | | 13 | 51 | | 7 | 12 | 32 | 59 | 59 | | 52 | 9 | | 43 | 42 | |
| 23 | | 20 | 49 | | 14 | 44 | | 8 | 6 | 33 | 0 | 51 | | 53 | 1 | | 44 | 34 | |
| 24 | | 21 | 43 | | 15 | 38 | | 8 | 59 | | 1 | 44 | | 53 | 53 | | 45 | 25 | |
| 25 | | 22 | 37 | | 16 | 32 | | 9 | 52 | | 2 | 36 | | 54 | 45 | | 46 | 16 | |
| 26 | | 23 | 32 | | 17 | 25 | | 10 | 45 | | 3 | 29 | | 55 | 37 | | 47 | 7 | |
| 27 | | 24 | 26 | | 18 | 19 | | 11 | 38 | | 4 | 21 | | 56 | 28 | | 47 | 58 | |
| 28 | | 25 | 20 | | 19 | 13 | | 12 | 31 | | 5 | 14 | | 57 | 20 | | 48 | 50 | |
| 29 | | 26 | 14 | | 20 | 6 | | 13 | 24 | | 6 | 6 | | 58 | 12 | | 49 | 41 | |
| 30 | 30 | 27 | 8 | 31 | 21 | 0 | 32 | 14 | 17 | 33 | 6 | 58 | 33 | 59 | 4 | 34 | 50 | 32 | |

gradũ.
RECTÆ
SVBTENSÆ

Continuatio paginæ ANTECEDENTIS.

vsque ad 60 mi.grad.

| Gra | Minu | | | | | | | | | | | | | | | | | | ar- cuũ. |
|-----|------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------------|
| | d ⁹ . | 30 | | | 31 | | | 32 | | | 33 | | | 34 | | | 35 | | |
| | ta. | pt. | m̃. | z̃. | pt. | m̃. | z̃. | pt. | m̃. | z̃. | pt. | m̃. | z̃. | pt. | m̃. | z̃. | pt. | m̃. | z̃. |
| 31 | 30 | 28 | 2 | 31 | 21 | 53 | 32 | 15 | 10 | 33 | 7 | 51 | 33 | 59 | 56 | 34 | 51 | 23 | |
| 32 | | 28 | 57 | | 22 | 47 | | 16 | 3 | | 8 | 43 | 34 | 0 | 47 | | 52 | 14 | |
| 33 | | 29 | 51 | | 23 | 40 | | 16 | 56 | | 9 | 36 | | 1 | 39 | | 53 | 5 | |
| 34 | | 30 | 45 | | 24 | 34 | | 17 | 49 | | 10 | 28 | | 2 | 31 | | 53 | 56 | |
| 35 | | 31 | 39 | | 25 | 27 | | 18 | 42 | | 11 | 20 | | 3 | 23 | | 54 | 47 | |
| 36 | | 32 | 33 | | 26 | 21 | | 19 | 34 | | 12 | 13 | | 4 | 14 | | 55 | 39 | |
| 37 | | 33 | 27 | | 27 | 14 | | 20 | 27 | | 13 | 5 | | 5 | 6 | | 56 | 30 | |
| 38 | | 34 | 21 | | 28 | 8 | | 21 | 20 | | 13 | 57 | | 5 | 58 | | 57 | 21 | |
| 39 | | 35 | 15 | | 29 | 1 | | 22 | 13 | | 14 | 50 | | 6 | 49 | | 58 | 12 | |
| 40 | | 36 | 9 | | 29 | 55 | | 23 | 6 | | 15 | 42 | | 7 | 41 | | 59 | 3 | |
| 41 | | 37 | 3 | | 30 | 48 | | 23 | 59 | | 16 | 34 | | 8 | 33 | 34 | 59 | 54 | |
| 42 | | 37 | 57 | | 31 | 42 | | 24 | 52 | | 17 | 26 | | 9 | 24 | 35 | 0 | 45 | |
| 43 | | 38 | 51 | | 32 | 35 | | 25 | 45 | | 18 | 19 | | 10 | 16 | | 1 | 36 | |
| 44 | | 39 | 45 | | 33 | 29 | | 26 | 38 | | 19 | 11 | | 11 | 8 | | 2 | 27 | |
| 45 | | 40 | 39 | | 34 | 22 | | 27 | 30 | | 20 | 3 | | 11 | 59 | | 3 | 18 | |
| 46 | | 41 | 33 | | 35 | 16 | | 28 | 23 | | 20 | 55 | | 12 | 51 | | 4 | 9 | |
| 47 | | 42 | 27 | | 36 | 9 | | 29 | 16 | | 21 | 48 | | 13 | 43 | | 5 | 0 | |
| 48 | | 43 | 21 | | 37 | 2 | | 30 | 9 | | 22 | 40 | | 14 | 34 | | 5 | 51 | |
| 49 | | 44 | 15 | | 37 | 56 | | 31 | 2 | | 23 | 32 | | 15 | 26 | | 6 | 42 | |
| 50 | | 45 | 9 | | 38 | 49 | | 31 | 55 | | 24 | 24 | | 16 | 17 | | 7 | 33 | |
| 51 | | 46 | 3 | | 39 | 43 | | 32 | 47 | | 25 | 16 | | 17 | 9 | | 8 | 24 | |
| 52 | | 46 | 57 | | 40 | 36 | | 33 | 40 | | 26 | 9 | | 18 | 0 | | 9 | 15 | |
| 53 | | 47 | 51 | | 41 | 29 | | 34 | 33 | | 27 | 1 | | 18 | 52 | | 10 | 6 | |
| 54 | | 48 | 45 | | 42 | 23 | | 35 | 26 | | 27 | 53 | | 19 | 44 | | 10 | 56 | |
| 55 | | 49 | 39 | | 43 | 16 | | 36 | 18 | | 28 | 45 | | 20 | 35 | | 11 | 47 | |
| 56 | | 50 | 33 | | 44 | 9 | | 37 | 11 | | 29 | 37 | | 21 | 27 | | 12 | 38 | |
| 57 | | 51 | 27 | | 45 | 3 | | 38 | 4 | | 30 | 29 | | 22 | 18 | | 13 | 29 | |
| 58 | | 52 | 20 | | 45 | 56 | | 38 | 57 | | 31 | 21 | | 23 | 10 | | 14 | 20 | |
| 59 | | 53 | 14 | | 46 | 49 | | 39 | 49 | | 32 | 14 | | 24 | 1 | | 15 | 11 | |
| 60 | | 54 | 8 | | 47 | 43 | | 40 | 42 | | 33 | 6 | | 24 | 53 | | 16 | 2 | |

RECTÆ

SVBTENSÆ

graduũ.

Tabula sinuum RECTORVM.

| Gra | Minu | | | | | | | | | | | | | | | | | | ar- cuũ. |
|-----|------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------------|
| | d ^o . | 36 | | | 37 | | | 38 | | | 39 | | | 40 | | | 41 | | |
| ta. | pt. | m̃. | z̃. | pt. | m̃. | z̃. | pt. | m̃. | z̃. | pt. | m̃. | z̃. | pt. | m̃. | z̃. | pt. | m̃. | z̃. | |
| 0 | 35 | 16 | 2 | 36 | 6 | 32 | 36 | 56 | 23 | 37 | 45 | 33 | 38 | 34 | 2 | 39 | 21 | 49 | |
| 1 | | 16 | 52 | | 7 | 22 | | 57 | 12 | | 46 | 22 | | 34 | 50 | | 22 | 36 | |
| 2 | | 17 | 43 | | 8 | 12 | | 58 | 2 | | 47 | 11 | | 35 | 38 | | 23 | 24 | |
| 3 | | 18 | 34 | | 9 | 3 | | 58 | 51 | | 48 | 0 | | 36 | 26 | | 24 | 11 | |
| 4 | | 19 | 25 | | 9 | 53 | 36 | 59 | 41 | | 48 | 48 | | 37 | 15 | | 24 | 58 | |
| 5 | | 20 | 16 | | 10 | 43 | 37 | 0 | 30 | | 49 | 37 | | 38 | 3 | | 25 | 46 | |
| 6 | | 21 | 6 | | 11 | 33 | | 1 | 20 | | 50 | 26 | | 38 | 51 | | 26 | 33 | |
| 7 | | 21 | 57 | | 12 | 23 | | 2 | 9 | | 51 | 15 | | 39 | 39 | | 27 | 20 | |
| 8 | | 22 | 48 | | 13 | 13 | | 2 | 59 | | 52 | 3 | | 40 | 27 | | 28 | 8 | |
| 9 | | 23 | 39 | | 14 | 3 | | 3 | 48 | | 52 | 52 | | 41 | 15 | | 28 | 55 | |
| 10 | | 24 | 29 | | 14 | 53 | | 4 | 37 | | 53 | 41 | | 42 | 3 | | 29 | 42 | |
| 11 | | 25 | 20 | | 15 | 43 | | 5 | 27 | | 54 | 30 | | 42 | 51 | | 30 | 30 | |
| 12 | | 26 | 11 | | 16 | 33 | | 6 | 16 | | 55 | 18 | | 43 | 39 | | 31 | 17 | |
| 13 | | 27 | 2 | | 17 | 23 | | 7 | 6 | | 56 | 7 | | 44 | 27 | | 32 | 4 | |
| 14 | | 27 | 52 | | 18 | 13 | | 7 | 55 | | 56 | 56 | | 45 | 15 | | 32 | 51 | |
| 15 | | 28 | 43 | | 19 | 4 | | 8 | 44 | | 57 | 44 | | 46 | 3 | | 33 | 39 | |
| 16 | | 29 | 34 | | 19 | 54 | | 9 | 34 | | 58 | 33 | | 46 | 51 | | 34 | 26 | |
| 17 | | 30 | 24 | | 20 | 44 | | 10 | 23 | 37 | 59 | 22 | | 47 | 39 | | 35 | 13 | |
| 18 | | 31 | 15 | | 21 | 33 | | 11 | 12 | 38 | 0 | 10 | | 48 | 27 | | 36 | 0 | |
| 19 | | 32 | 5 | | 22 | 23 | | 12 | 2 | | 0 | 59 | | 49 | 15 | | 36 | 48 | |
| 20 | | 32 | 56 | | 23 | 13 | | 12 | 51 | | 1 | 47 | | 50 | 2 | | 37 | 35 | |
| 21 | | 33 | 47 | | 24 | 3 | | 13 | 40 | | 2 | 36 | | 50 | 50 | | 38 | 22 | |
| 22 | | 34 | 37 | | 24 | 53 | | 14 | 29 | | 3 | 25 | | 51 | 38 | | 39 | 9 | |
| 23 | | 35 | 28 | | 25 | 43 | | 15 | 19 | | 4 | 13 | | 52 | 26 | | 39 | 56 | |
| 24 | | 36 | 18 | | 26 | 33 | | 16 | 8 | | 5 | 2 | | 53 | 14 | | 40 | 43 | |
| 25 | | 37 | 9 | | 27 | 23 | | 16 | 57 | | 5 | 50 | | 54 | 2 | | 41 | 30 | |
| 26 | | 38 | 0 | | 28 | 13 | | 17 | 46 | | 6 | 39 | | 54 | 50 | | 42 | 18 | |
| 27 | | 38 | 50 | | 29 | 3 | | 18 | 36 | | 7 | 27 | | 55 | 37 | | 43 | 5 | |
| 28 | | 39 | 41 | | 29 | 53 | | 19 | 25 | | 8 | 16 | | 56 | 25 | | 43 | 52 | |
| 29 | | 40 | 31 | | 30 | 43 | | 20 | 14 | | 9 | 4 | | 57 | 13 | | 44 | 39 | |
| 30 | 35 | 41 | 22 | 36 | 31 | 32 | 37 | 21 | 3 | 38 | 9 | 53 | 38 | 58 | 1 | 39 | 45 | 26 | |

gradũ.
RECTÆ
SVBTENSÆ

Continuatio paginæ ANTECEDENTIS.

vsque ad 60 mi.grad.

| Gra | Minu | | | | | | | | | | | | | | | | | | ar- cuũ. |
|-----|------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------------|
| | d ^o . | 36 | | | 37 | | | 38 | | | 39 | | | 40 | | | 41 | | |
| | ta. | pt. | m̃. | z̃. | pt. | m̃. | z̃. | pt. | m̃. | z̃. | pt. | m̃. | z̃. | pt. | m̃. | z̃. | pt. | m̃. | z̃. |
| 31 | 35 | 42 | 12 | 36 | 32 | 22 | 37 | 21 | 52 | 38 | 10 | 41 | 38 | 58 | 49 | 39 | 46 | 13 | |
| 32 | | 43 | 3 | | 33 | 12 | | 22 | 41 | | 11 | 30 | 38 | 59 | 36 | | 47 | 0 | |
| 33 | | 43 | 53 | | 34 | 2 | | 23 | 31 | | 12 | 18 | 39 | 0 | 24 | | 47 | 47 | |
| 34 | | 44 | 44 | | 34 | 52 | | 24 | 20 | | 13 | 7 | | 1 | 12 | | 48 | 34 | |
| 35 | | 45 | 34 | | 35 | 42 | | 25 | 9 | | 13 | 55 | | 2 | 0 | | 49 | 21 | |
| 36 | | 46 | 25 | | 36 | 31 | | 25 | 58 | | 14 | 44 | | 2 | 47 | | 50 | 8 | |
| 37 | | 47 | 15 | | 37 | 21 | | 26 | 47 | | 15 | 32 | | 3 | 35 | | 50 | 55 | |
| 38 | | 48 | 5 | | 38 | 11 | | 27 | 36 | | 16 | 20 | | 4 | 23 | | 51 | 42 | |
| 39 | | 48 | 56 | | 39 | 1 | | 28 | 25 | | 17 | 9 | | 5 | 10 | | 52 | 29 | |
| 40 | | 49 | 46 | | 39 | 50 | | 29 | 14 | | 17 | 57 | | 5 | 58 | | 53 | 16 | |
| 41 | | 50 | 37 | | 40 | 40 | | 30 | 3 | | 18 | 45 | | 6 | 46 | | 54 | 3 | |
| 42 | | 51 | 27 | | 41 | 30 | | 30 | 52 | | 19 | 34 | | 7 | 33 | | 54 | 50 | |
| 43 | | 52 | 17 | | 42 | 20 | | 31 | 41 | | 20 | 22 | | 8 | 21 | | 55 | 37 | |
| 44 | | 53 | 8 | | 43 | 9 | | 32 | 30 | | 21 | 11 | | 9 | 9 | | 56 | 24 | |
| 45 | | 53 | 58 | | 43 | 59 | | 33 | 19 | | 21 | 59 | | 9 | 56 | | 57 | 10 | |
| 46 | | 54 | 48 | | 44 | 49 | | 34 | 8 | | 22 | 47 | | 10 | 44 | | 57 | 57 | |
| 47 | | 55 | 39 | | 45 | 38 | | 34 | 57 | | 23 | 35 | | 11 | 31 | | 58 | 44 | |
| 48 | | 56 | 29 | | 46 | 28 | | 35 | 46 | | 24 | 24 | | 12 | 19 | 39 | 59 | 31 | |
| 49 | | 57 | 19 | | 47 | 18 | | 36 | 35 | | 25 | 12 | | 13 | 6 | 40 | 0 | 18 | |
| 50 | | 58 | 10 | | 48 | 7 | | 37 | 24 | | 26 | 0 | | 13 | 54 | | 1 | 5 | |
| 51 | | 59 | 0 | | 48 | 57 | | 38 | 13 | | 26 | 48 | | 14 | 41 | | 1 | 51 | |
| 52 | 35 | 59 | 50 | | 49 | 46 | | 39 | 2 | | 27 | 37 | | 15 | 29 | | 2 | 38 | |
| 53 | 36 | 0 | 41 | | 50 | 36 | | 39 | 51 | | 28 | 25 | | 16 | 17 | | 3 | 25 | |
| 54 | | 1 | 31 | | 51 | 26 | | 40 | 40 | | 29 | 13 | | 17 | 4 | | 4 | 12 | |
| 55 | | 2 | 21 | | 52 | 15 | | 41 | 29 | | 30 | 1 | | 17 | 52 | | 4 | 59 | |
| 56 | | 3 | 11 | | 53 | 5 | | 42 | 18 | | 30 | 50 | | 18 | 39 | | 5 | 45 | |
| 57 | | 4 | 1 | | 53 | 54 | | 43 | 7 | | 31 | 38 | | 19 | 26 | | 6 | 32 | |
| 58 | | 4 | 52 | | 54 | 44 | | 43 | 56 | | 32 | 26 | | 20 | 14 | | 7 | 19 | |
| 59 | | 5 | 42 | | 55 | 33 | | 44 | 44 | | 33 | 14 | | 21 | 1 | | 8 | 6 | |
| 60 | | 6 | 32 | | 56 | 23 | | 45 | 33 | | 34 | 2 | | 21 | 49 | | 8 | 52 | |

RECTÆ

SVBTENSÆ

graduũ.

Tabula sinuum RECTORVM.

| Minu | | | | | | | | | | | | | | | | | | | | ar- cuũ. | |
|---------|------------------|-----|-----|-----|-----|-----|-----|-----|-----|----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------------|--|
| Gra | d ^o . | 42 | | | 43 | | | 44 | | | 45 | | | 46 | | | 47 | | | | |
| | ta. | pt. | m̃. | z̃. | pt. | m̃. | z̃. | pt. | m̃. | z̃. | pt. | m̃. | z̃. | pt. | m̃. | z̃. | pt. | m̃. | z̃. | | |
| 0 | 40 | 8 | 52 | 40 | 55 | 12 | 41 | 40 | 46 | 42 | 25 | 35 | 43 | 9 | 37 | 43 | 52 | 52 | | | |
| 1 | | 9 | 39 | | 55 | 58 | | 41 | 31 | | 26 | 19 | | 10 | 21 | | 53 | 35 | | | |
| 2 | | 10 | 26 | | 56 | 44 | | 42 | 17 | | 27 | 4 | | 11 | 5 | | 54 | 18 | | | |
| 3 | | 11 | 12 | | 57 | 29 | | 43 | 2 | | 27 | 48 | | 11 | 48 | | 55 | 1 | | | |
| 4 | | 11 | 59 | | 58 | 15 | | 43 | 47 | | 28 | 33 | | 12 | 32 | | 55 | 44 | | | |
| 5 | | 12 | 46 | | 59 | 1 | | 44 | 32 | | 29 | 17 | | 13 | 15 | | 56 | 26 | | | |
| 6 | | 13 | 32 | 40 | 59 | 47 | | 45 | 17 | | 30 | 1 | | 13 | 59 | | 57 | 9 | | | |
| 7 | | 14 | 19 | 41 | 0 | 33 | | 46 | 2 | | 30 | 46 | | 14 | 43 | | 57 | 52 | | | |
| 8 | | 15 | 5 | | 1 | 19 | | 46 | 47 | | 31 | 30 | | 15 | 26 | | 58 | 35 | | | |
| 9 | | 15 | 52 | | 2 | 5 | | 47 | 32 | | 32 | 14 | | 16 | 10 | 43 | 59 | 18 | | | |
| 10 | | 16 | 39 | | 2 | 51 | | 48 | 18 | | 32 | 59 | | 16 | 53 | 44 | 0 | 0 | | | |
| 11 | | 17 | 25 | | 3 | 36 | | 49 | 3 | | 33 | 43 | | 17 | 37 | | 0 | 43 | | | |
| 12 | | 18 | 12 | | 4 | 22 | | 49 | 48 | | 34 | 27 | | 18 | 20 | | 1 | 26 | | | |
| 13 | | 18 | 58 | | 5 | 8 | | 50 | 33 | | 35 | 12 | | 19 | 4 | | 2 | 8 | | | |
| 14 | | 19 | 45 | | 5 | 54 | | 51 | 18 | | 35 | 56 | | 19 | 47 | | 2 | 51 | | | |
| 15 | | 20 | 31 | | 6 | 40 | | 52 | 3 | | 36 | 40 | | 20 | 31 | | 3 | 34 | | | |
| 16 | | 21 | 18 | | 7 | 25 | | 52 | 48 | | 37 | 24 | | 21 | 14 | | 4 | 16 | | | |
| 17 | | 22 | 4 | | 8 | 11 | | 53 | 33 | | 38 | 8 | | 21 | 57 | | 4 | 59 | | | |
| 18 | | 22 | 51 | | 8 | 57 | | 54 | 18 | | 38 | 53 | | 22 | 41 | | 5 | 42 | | | |
| 19 | | 23 | 37 | | 9 | 42 | | 55 | 3 | | 39 | 37 | | 23 | 24 | | 6 | 24 | | | |
| 20 | | 24 | 24 | | 10 | 28 | | 55 | 48 | | 40 | 21 | | 24 | 8 | | 7 | 7 | | | |
| 21 | | 25 | 10 | | 11 | 14 | | 56 | 33 | | 41 | 5 | | 24 | 51 | | 7 | 49 | | | |
| 22 | | 25 | 56 | | 12 | 0 | | 57 | 17 | | 41 | 49 | | 25 | 34 | | 8 | 32 | | | |
| 23 | | 26 | 43 | | 12 | 45 | | 58 | 2 | | 42 | 34 | | 26 | 18 | | 9 | 14 | | | |
| 24 | | 27 | 29 | | 13 | 31 | | 58 | 47 | | 43 | 18 | | 27 | 1 | | 9 | 57 | | | |
| 25 | | 28 | 16 | | 14 | 17 | 41 | 59 | 32 | | 44 | 2 | | 27 | 44 | | 10 | 39 | | | |
| 26 | | 29 | 2 | | 15 | 2 | 42 | 0 | 17 | | 44 | 46 | | 28 | 28 | | 11 | 22 | | | |
| 27 | | 29 | 48 | | 15 | 48 | | 1 | 2 | | 45 | 30 | | 29 | 11 | | 12 | 4 | | | |
| 28 | | 30 | 35 | | 16 | 33 | | 1 | 47 | | 46 | 14 | | 29 | 54 | | 12 | 47 | | | |
| 29 | | 31 | 21 | | 17 | 19 | | 2 | 32 | | 46 | 58 | | 30 | 38 | | 13 | 29 | | | |
| 30 | 40 | 32 | 7 | 41 | 18 | 5 | 42 | 3 | 16 | 42 | 47 | 42 | 43 | 31 | 21 | 44 | 14 | 12 | | | |
| graduũ. | RECTÆ | | | | | | | | | SVBTENSÆ | | | | | | | | | | | |

Continuatio paginæ ANTECEDENTIS.

vsque ad 60 mi.grad.

| Gra | Minu | | | | | | | | | | | | | | | | | | ar- cuũ. |
|-----|------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------------|
| | d ⁹ . | 42 | | | 43 | | | 44 | | | 45 | | | 46 | | | 47 | | |
| | ta. | pt. | m̃. | z̃. | pt. | m̃. | z̃. | pt. | m̃. | z̃. | pt. | m̃. | z̃. | pt. | m̃. | z̃. | pt. | m̃. | z̃. |
| 31 | | 40 | 32 | 54 | 41 | 18 | 50 | 42 | 4 | 1 | 42 | 48 | 26 | 43 | 32 | 4 | 44 | 14 | 54 |
| 32 | | | 33 | 40 | | 19 | 36 | | 4 | 46 | | 49 | 10 | | 32 | 47 | | 15 | 37 |
| 33 | | | 34 | 26 | | 20 | 21 | | 5 | 31 | | 49 | 54 | | 33 | 31 | | 16 | 19 |
| 34 | | | 35 | 13 | | 21 | 7 | | 6 | 16 | | 50 | 38 | | 34 | 14 | | 17 | 2 |
| 35 | | | 35 | 59 | | 21 | 52 | | 7 | 0 | | 51 | 22 | | 34 | 57 | | 17 | 44 |
| 36 | | | 36 | 45 | | 22 | 38 | | 7 | 45 | | 52 | 6 | | 35 | 40 | | 18 | 26 |
| 37 | | | 37 | 31 | | 23 | 23 | | 8 | 30 | | 52 | 50 | | 36 | 23 | | 19 | 9 |
| 38 | | | 38 | 18 | | 24 | 9 | | 9 | 15 | | 53 | 34 | | 37 | 6 | | 19 | 51 |
| 39 | | | 39 | 4 | | 24 | 54 | | 9 | 59 | | 54 | 18 | | 37 | 50 | | 20 | 33 |
| 40 | | | 39 | 50 | | 25 | 40 | | 10 | 44 | | 55 | 2 | | 38 | 33 | | 21 | 16 |
| 41 | | | 40 | 36 | | 26 | 25 | | 11 | 29 | | 55 | 46 | | 39 | 16 | | 21 | 58 |
| 42 | | | 41 | 22 | | 27 | 11 | | 12 | 13 | | 56 | 30 | | 39 | 59 | | 22 | 40 |
| 43 | | | 42 | 9 | | 27 | 56 | | 12 | 58 | | 57 | 14 | | 40 | 42 | | 23 | 23 |
| 44 | | | 42 | 55 | | 28 | 41 | | 13 | 43 | | 57 | 57 | | 41 | 25 | | 24 | 5 |
| 45 | | | 43 | 41 | | 29 | 27 | | 14 | 27 | | 58 | 41 | | 42 | 8 | | 24 | 47 |
| 46 | | | 44 | 27 | | 30 | 12 | | 15 | 12 | 42 | 59 | 25 | | 42 | 51 | | 25 | 29 |
| 47 | | | 45 | 13 | | 30 | 58 | | 15 | 56 | 43 | 0 | 9 | | 43 | 34 | | 26 | 12 |
| 48 | | | 45 | 59 | | 31 | 43 | | 16 | 41 | | 0 | 53 | | 44 | 17 | | 26 | 54 |
| 49 | | | 46 | 45 | | 32 | 28 | | 17 | 26 | | 1 | 36 | | 45 | 0 | | 27 | 36 |
| 50 | | | 47 | 32 | | 33 | 14 | | 18 | 10 | | 2 | 20 | | 45 | 43 | | 28 | 18 |
| 51 | | | 48 | 18 | | 33 | 59 | | 18 | 55 | | 3 | 4 | | 46 | 26 | | 29 | 0 |
| 52 | | | 49 | 4 | | 34 | 44 | | 19 | 39 | | 3 | 48 | | 47 | 9 | | 29 | 43 |
| 53 | | | 49 | 50 | | 35 | 30 | | 20 | 24 | | 4 | 32 | | 47 | 52 | | 30 | 25 |
| 54 | | | 50 | 36 | | 36 | 15 | | 21 | 8 | | 5 | 15 | | 48 | 35 | | 31 | 7 |
| 55 | | | 51 | 22 | | 37 | 0 | | 21 | 53 | | 5 | 59 | | 49 | 18 | | 31 | 49 |
| 56 | | | 52 | 8 | | 37 | 45 | | 22 | 37 | | 6 | 43 | | 50 | 1 | | 32 | 31 |
| 57 | | | 52 | 54 | | 38 | 31 | | 23 | 22 | | 7 | 26 | | 50 | 44 | | 33 | 13 |
| 58 | | | 53 | 40 | | 39 | 16 | | 24 | 6 | | 8 | 10 | | 51 | 27 | | 33 | 55 |
| 59 | | | 54 | 26 | | 40 | 1 | | 24 | 51 | | 8 | 54 | | 52 | 10 | | 34 | 37 |
| 60 | | | 55 | 12 | | 40 | 46 | | 25 | 35 | | 9 | 37 | | 52 | 52 | | 35 | 19 |

RECTÆ

SVBTENSÆ

gradũ.

Tabula sinuum RECTORVM.

| Gra | Minu | | | | | | | | | | | | | | | | | | ar- cuũ. |
|-----|------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------------|
| | d ⁹ . | 48 | | | 49 | | | 50 | | | 51 | | | 52 | | | 53 | | |
| ta. | pt. | m̃. | z̃. | pt. | m̃. | z̃. | pt. | m̃. | z̃. | pt. | m̃. | z̃. | pt. | m̃. | z̃. | pt. | m̃. | z̃. | |
| 0 | 44 | 35 | 19 | 45 | 16 | 57 | 45 | 57 | 46 | 46 | 37 | 44 | 47 | 16 | 50 | 47 | 55 | 5 | |
| 1 | | 36 | 1 | | 17 | 38 | | 58 | 26 | | 38 | 23 | | 17 | 29 | | 55 | 43 | |
| 2 | | 36 | 43 | | 18 | 20 | | 59 | 6 | | 39 | 3 | | 18 | 8 | | 56 | 21 | |
| 3 | | 37 | 25 | | 19 | 1 | 45 | 59 | 47 | | 39 | 42 | | 18 | 46 | | 56 | 59 | |
| 4 | | 38 | 7 | | 19 | 42 | 46 | 0 | 27 | | 40 | 22 | | 19 | 25 | | 57 | 36 | |
| 5 | | 38 | 49 | | 20 | 23 | | 1 | 7 | | 41 | 1 | | 20 | 4 | | 58 | 14 | |
| 6 | | 39 | 31 | | 21 | 4 | | 1 | 48 | | 41 | 41 | | 20 | 42 | | 58 | 52 | |
| 7 | | 40 | 13 | | 21 | 45 | | 2 | 28 | | 42 | 20 | | 21 | 21 | 47 | 59 | 30 | |
| 8 | | 40 | 55 | | 22 | 27 | | 3 | 8 | | 42 | 59 | | 21 | 59 | 48 | 0 | 7 | |
| 9 | | 41 | 37 | | 23 | 8 | | 3 | 49 | | 43 | 39 | | 22 | 38 | | 0 | 45 | |
| 10 | | 42 | 19 | | 23 | 49 | | 4 | 29 | | 44 | 18 | | 23 | 16 | | 1 | 23 | |
| 11 | | 43 | 1 | | 24 | 30 | | 5 | 9 | | 44 | 58 | | 23 | 55 | | 2 | 0 | |
| 12 | | 43 | 43 | | 25 | 11 | | 5 | 49 | | 45 | 37 | | 24 | 33 | | 2 | 38 | |
| 13 | | 44 | 25 | | 25 | 52 | | 6 | 29 | | 46 | 16 | | 25 | 12 | | 3 | 16 | |
| 14 | | 45 | 7 | | 26 | 33 | | 7 | 10 | | 46 | 56 | | 25 | 50 | | 3 | 53 | |
| 15 | | 45 | 48 | | 27 | 14 | | 7 | 50 | | 47 | 35 | | 26 | 29 | | 4 | 31 | |
| 16 | | 46 | 30 | | 27 | 55 | | 8 | 30 | | 48 | 14 | | 27 | 7 | | 5 | 8 | |
| 17 | | 47 | 12 | | 28 | 36 | | 9 | 10 | | 48 | 54 | | 27 | 46 | | 5 | 46 | |
| 18 | | 47 | 54 | | 29 | 17 | | 9 | 50 | | 49 | 33 | | 28 | 24 | | 6 | 24 | |
| 19 | | 48 | 36 | | 29 | 58 | | 10 | 30 | | 50 | 12 | | 29 | 3 | | 7 | 1 | |
| 20 | | 49 | 17 | | 30 | 39 | | 11 | 11 | | 50 | 52 | | 29 | 41 | | 7 | 39 | |
| 21 | | 49 | 59 | | 31 | 20 | | 11 | 51 | | 51 | 31 | | 30 | 19 | | 8 | 16 | |
| 22 | | 50 | 41 | | 32 | 1 | | 12 | 31 | | 52 | 10 | | 30 | 58 | | 8 | 54 | |
| 23 | | 51 | 23 | | 32 | 42 | | 13 | 11 | | 52 | 49 | | 31 | 36 | | 9 | 31 | |
| 24 | | 52 | 4 | | 33 | 23 | | 13 | 51 | | 53 | 28 | | 32 | 15 | | 10 | 9 | |
| 25 | | 52 | 46 | | 34 | 3 | | 14 | 31 | | 54 | 8 | | 32 | 53 | | 10 | 46 | |
| 26 | | 53 | 28 | | 34 | 44 | | 15 | 11 | | 54 | 47 | | 33 | 31 | | 11 | 23 | |
| 27 | | 54 | 9 | | 35 | 25 | | 15 | 51 | | 55 | 26 | | 34 | 10 | | 12 | 1 | |
| 28 | | 54 | 51 | | 36 | 6 | | 16 | 31 | | 56 | 5 | | 34 | 48 | | 12 | 38 | |
| 29 | | 55 | 33 | | 36 | 47 | | 17 | 11 | | 56 | 44 | | 35 | 26 | | 13 | 16 | |
| 30 | 44 | 56 | 14 | 45 | 37 | 28 | 46 | 17 | 51 | 46 | 57 | 23 | 47 | 36 | 4 | 48 | 13 | 53 | |

graduũ.
RECTÆ
SVBTENSÆ

Continuatio paginæ ANTECEDENTIS.

vsque ad 60 mi.grad.

| Gra | Minu | | | | | | | | | | | | | | | | | | ar- cuũ. |
|-----|------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------------|
| | d ^o . | 48 | | | 49 | | | 50 | | | 51 | | | 52 | | | 53 | | |
| | ta. | pt. | m̃. | z̃. | pt. | m̃. | z̃. | pt. | m̃. | z̃. | pt. | m̃. | z̃. | pt. | m̃. | z̃. | pt. | m̃. | z̃. |
| 31 | | 44 | 56 | 56 | 45 | 38 | 8 | 46 | 18 | 31 | 46 | 58 | 2 | 47 | 36 | 43 | 48 | 14 | 30 |
| 32 | | | 57 | 38 | | 38 | 49 | | 19 | 11 | | 58 | 42 | | 37 | 21 | | 15 | 8 |
| 33 | | | 58 | 19 | | 39 | 30 | | 19 | 51 | 46 | 59 | 21 | | 37 | 59 | | 15 | 45 |
| 34 | | | 59 | 1 | | 40 | 11 | | 20 | 31 | 47 | 0 | 0 | | 38 | 37 | | 16 | 22 |
| 35 | 44 | 59 | 42 | | 40 | 52 | | 21 | 11 | | 0 | 39 | | 39 | 15 | | 17 | 0 | |
| 36 | 45 | 0 | 24 | | 41 | 32 | | 21 | 50 | | 1 | 18 | | 39 | 54 | | 17 | 37 | |
| 37 | | 1 | 6 | | 42 | 13 | | 22 | 30 | | 1 | 57 | | 40 | 32 | | 18 | 14 | |
| 38 | | 1 | 47 | | 42 | 54 | | 23 | 10 | | 2 | 36 | | 41 | 10 | | 18 | 52 | |
| 39 | | 2 | 29 | | 43 | 34 | | 23 | 50 | | 3 | 15 | | 41 | 48 | | 19 | 29 | |
| 40 | | 3 | 10 | | 44 | 15 | | 24 | 30 | | 3 | 54 | | 42 | 26 | | 20 | 6 | |
| 41 | | 3 | 52 | | 44 | 56 | | 25 | 10 | | 4 | 33 | | 43 | 4 | | 20 | 43 | |
| 42 | | 4 | 33 | | 45 | 36 | | 25 | 49 | | 5 | 12 | | 43 | 42 | | 21 | 21 | |
| 43 | | 5 | 15 | | 46 | 17 | | 26 | 29 | | 5 | 51 | | 44 | 20 | | 21 | 58 | |
| 44 | | 5 | 56 | | 46 | 58 | | 27 | 9 | | 6 | 30 | | 44 | 58 | | 22 | 35 | |
| 45 | | 6 | 37 | | 47 | 38 | | 27 | 49 | | 7 | 8 | | 45 | 36 | | 23 | 12 | |
| 46 | | 7 | 19 | | 48 | 19 | | 28 | 29 | | 7 | 47 | | 46 | 14 | | 23 | 49 | |
| 47 | | 8 | 0 | | 48 | 59 | | 29 | 8 | | 8 | 26 | | 46 | 52 | | 24 | 26 | |
| 48 | | 8 | 42 | | 49 | 40 | | 29 | 48 | | 9 | 5 | | 47 | 30 | | 25 | 3 | |
| 49 | | 9 | 23 | | 50 | 20 | | 30 | 28 | | 9 | 44 | | 48 | 8 | | 25 | 41 | |
| 50 | | 10 | 4 | | 51 | 1 | | 31 | 7 | | 10 | 23 | | 48 | 46 | | 26 | 18 | |
| 51 | | 10 | 46 | | 51 | 42 | | 31 | 47 | | 11 | 2 | | 49 | 24 | | 26 | 55 | |
| 52 | | 11 | 27 | | 52 | 22 | | 32 | 27 | | 11 | 40 | | 50 | 2 | | 27 | 32 | |
| 53 | | 12 | 8 | | 53 | 3 | | 33 | 6 | | 12 | 19 | | 50 | 40 | | 28 | 9 | |
| 54 | | 12 | 50 | | 53 | 43 | | 33 | 46 | | 12 | 58 | | 51 | 18 | | 28 | 46 | |
| 55 | | 13 | 31 | | 54 | 23 | | 34 | 26 | | 13 | 37 | | 51 | 56 | | 29 | 23 | |
| 56 | | 14 | 12 | | 55 | 4 | | 35 | 5 | | 14 | 15 | | 52 | 34 | | 30 | 0 | |
| 57 | | 14 | 54 | | 55 | 44 | | 35 | 45 | | 14 | 54 | | 53 | 12 | | 30 | 37 | |
| 58 | | 15 | 35 | | 56 | 25 | | 36 | 24 | | 15 | 33 | | 53 | 50 | | 31 | 14 | |
| 59 | | 16 | 16 | | 57 | 5 | | 37 | 4 | | 16 | 12 | | 54 | 27 | | 31 | 51 | |
| 60 | | 16 | 57 | | 57 | 46 | | 37 | 44 | | 16 | 50 | | 55 | 5 | | 32 | 28 | |

RECTÆ

SVBTENSÆ

gradũ.

Tabula sinuum RECTORVM.

| Minu | | | | | | | | | | | | | | | | | | | | ar- cuũ. | |
|------|------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------------|--|
| Gra | d ^o . | 54 | | | 55 | | | 56 | | | 57 | | | 58 | | | 59 | | | | |
| | ta. | pt. | m̃. | z̃. | pt. | m̃. | z̃. | pt. | m̃. | z̃. | pt. | m̃. | z̃. | pt. | m̃. | z̃. | pt. | m̃. | z̃. | | |
| 0 | 48 | 32 | 28 | 49 | 8 | 57 | 49 | 44 | 32 | 50 | 19 | 13 | 50 | 52 | 58 | 51 | 25 | 48 | | | |
| 1 | | 33 | 5 | | 9 | 33 | | 45 | 7 | | 19 | 47 | | 53 | 32 | | 26 | 20 | | | |
| 2 | | 33 | 42 | | 10 | 9 | | 45 | 42 | | 20 | 21 | | 54 | 5 | | 26 | 53 | | | |
| 3 | | 34 | 18 | | 10 | 45 | | 46 | 17 | | 20 | 55 | | 54 | 38 | | 27 | 25 | | | |
| 4 | | 34 | 55 | | 11 | 21 | | 46 | 53 | | 21 | 30 | | 55 | 11 | | 27 | 57 | | | |
| 5 | | 35 | 32 | | 11 | 57 | | 47 | 28 | | 22 | 4 | | 55 | 45 | | 28 | 30 | | | |
| 6 | | 36 | 9 | | 12 | 33 | | 48 | 3 | | 22 | 38 | | 56 | 18 | | 29 | 2 | | | |
| 7 | | 36 | 46 | | 13 | 9 | | 48 | 38 | | 23 | 12 | | 56 | 51 | | 29 | 34 | | | |
| 8 | | 37 | 23 | | 13 | 45 | | 49 | 13 | | 23 | 46 | | 57 | 24 | | 30 | 7 | | | |
| 9 | | 37 | 59 | | 14 | 21 | | 49 | 48 | | 24 | 20 | | 57 | 57 | | 30 | 39 | | | |
| 10 | | 38 | 36 | | 14 | 56 | | 50 | 23 | | 24 | 54 | | 58 | 31 | | 31 | 11 | | | |
| 11 | | 39 | 13 | | 15 | 32 | | 50 | 58 | | 25 | 28 | | 59 | 4 | | 31 | 43 | | | |
| 12 | | 39 | 50 | | 16 | 8 | | 51 | 33 | | 26 | 2 | 50 | 59 | 37 | | 32 | 15 | | | |
| 13 | | 40 | 27 | | 16 | 44 | | 52 | 8 | | 26 | 36 | 51 | 0 | 10 | | 32 | 48 | | | |
| 14 | | 41 | 3 | | 17 | 20 | | 52 | 43 | | 27 | 10 | | 0 | 43 | | 33 | 20 | | | |
| 15 | | 41 | 40 | | 17 | 56 | | 53 | 17 | | 27 | 44 | | 1 | 16 | | 33 | 52 | | | |
| 16 | | 42 | 17 | | 18 | 32 | | 53 | 52 | | 28 | 18 | | 1 | 49 | | 34 | 24 | | | |
| 17 | | 42 | 53 | | 19 | 7 | | 54 | 27 | | 28 | 52 | | 2 | 22 | | 34 | 56 | | | |
| 18 | | 43 | 30 | | 19 | 43 | | 55 | 2 | | 29 | 26 | | 2 | 55 | | 35 | 28 | | | |
| 19 | | 44 | 7 | | 20 | 19 | | 55 | 37 | | 30 | 0 | | 3 | 28 | | 36 | 0 | | | |
| 20 | | 44 | 43 | | 20 | 55 | | 56 | 12 | | 30 | 34 | | 4 | 1 | | 36 | 32 | | | |
| 21 | | 45 | 20 | | 21 | 30 | | 56 | 47 | | 31 | 8 | | 4 | 34 | | 37 | 4 | | | |
| 22 | | 45 | 57 | | 22 | 6 | | 57 | 21 | | 31 | 42 | | 5 | 7 | | 37 | 36 | | | |
| 23 | | 46 | 33 | | 22 | 42 | | 57 | 56 | | 32 | 16 | | 5 | 40 | | 38 | 8 | | | |
| 24 | | 47 | 10 | | 23 | 17 | | 58 | 31 | | 32 | 50 | | 6 | 13 | | 38 | 40 | | | |
| 25 | | 47 | 46 | | 23 | 53 | | 59 | 6 | | 33 | 24 | | 6 | 46 | | 39 | 12 | | | |
| 26 | | 48 | 23 | | 24 | 29 | 49 | 59 | 40 | | 33 | 57 | | 7 | 19 | | 39 | 44 | | | |
| 27 | | 48 | 59 | | 25 | 4 | 50 | 0 | 15 | | 34 | 31 | | 7 | 52 | | 40 | 16 | | | |
| 28 | | 49 | 36 | | 25 | 40 | | 0 | 50 | | 35 | 5 | | 8 | 25 | | 40 | 48 | | | |
| 29 | | 50 | 12 | | 26 | 16 | | 1 | 25 | | 35 | 39 | | 8 | 57 | | 41 | 20 | | | |
| 30 | 48 | 50 | 49 | 49 | 26 | 51 | 50 | 1 | 59 | 50 | 36 | 13 | 51 | 9 | 30 | 51 | 41 | 52 | | | |

gradũ.
RECTÆ
SVBTENSÆ

Continuatio paginæ ANTECEDENTIS.

vsque ad 60 mi.grad.

| Gra | Minu | | | | | | | | | | | | | | | | | | ar- cuũ. |
|-----|------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------------|
| | d ⁹ . | 54 | | | 55 | | | 56 | | | 57 | | | 58 | | | 59 | | |
| | ta. | pt. | m̃. | z̃. | pt. | m̃. | z̃. | pt. | m̃. | z̃. | pt. | m̃. | z̃. | pt. | m̃. | z̃. | pt. | m̃. | z̃. |
| 31 | | 48 | 51 | 25 | 49 | 27 | 27 | 50 | 2 | 34 | 50 | 36 | 46 | 51 | 10 | 3 | 51 | 42 | 24 |
| 32 | | | 52 | 2 | | 28 | 2 | | 3 | 9 | | 37 | 20 | | 10 | 36 | | 42 | 56 |
| 33 | | | 52 | 38 | | 28 | 38 | | 3 | 43 | | 37 | 54 | | 11 | 9 | | 43 | 27 |
| 34 | | | 53 | 15 | | 29 | 13 | | 4 | 18 | | 38 | 27 | | 11 | 41 | | 43 | 59 |
| 35 | | | 53 | 51 | | 29 | 49 | | 4 | 53 | | 39 | 1 | | 12 | 14 | | 44 | 31 |
| 36 | | | 54 | 28 | | 30 | 25 | | 5 | 27 | | 39 | 35 | | 12 | 47 | | 45 | 3 |
| 37 | | | 55 | 4 | | 31 | 0 | | 6 | 2 | | 40 | 8 | | 13 | 20 | | 45 | 35 |
| 38 | | | 55 | 40 | | 31 | 35 | | 6 | 36 | | 40 | 42 | | 13 | 52 | | 46 | 7 |
| 39 | | | 56 | 17 | | 32 | 11 | | 7 | 11 | | 41 | 16 | | 14 | 25 | | 46 | 38 |
| 40 | | | 56 | 53 | | 32 | 46 | | 7 | 45 | | 41 | 49 | | 14 | 58 | | 47 | 10 |
| 41 | | | 57 | 29 | | 33 | 22 | | 8 | 20 | | 42 | 23 | | 15 | 30 | | 47 | 42 |
| 42 | | | 58 | 6 | | 33 | 57 | | 8 | 54 | | 42 | 57 | | 16 | 3 | | 48 | 13 |
| 43 | | | 58 | 42 | | 34 | 33 | | 9 | 29 | | 43 | 30 | | 16 | 36 | | 48 | 45 |
| 44 | | | 59 | 18 | | 35 | 8 | | 10 | 3 | | 44 | 4 | | 17 | 8 | | 49 | 17 |
| 45 | | 48 | 59 | 55 | | 35 | 43 | | 10 | 38 | | 44 | 37 | | 17 | 41 | | 49 | 48 |
| 46 | | 49 | 0 | 31 | | 36 | 19 | | 11 | 12 | | 45 | 11 | | 18 | 14 | | 50 | 20 |
| 47 | | | 1 | 7 | | 36 | 54 | | 11 | 47 | | 45 | 44 | | 18 | 46 | | 50 | 52 |
| 48 | | | 1 | 43 | | 37 | 29 | | 12 | 21 | | 46 | 18 | | 19 | 19 | | 51 | 23 |
| 49 | | | 2 | 20 | | 38 | 5 | | 12 | 55 | | 46 | 51 | | 19 | 51 | | 51 | 55 |
| 50 | | | 2 | 56 | | 38 | 40 | | 13 | 30 | | 47 | 25 | | 20 | 24 | | 52 | 27 |
| 51 | | | 3 | 32 | | 39 | 15 | | 14 | 4 | | 47 | 58 | | 20 | 56 | | 52 | 58 |
| 52 | | | 4 | 8 | | 39 | 51 | | 14 | 39 | | 48 | 32 | | 21 | 29 | | 53 | 30 |
| 53 | | | 4 | 44 | | 40 | 26 | | 15 | 13 | | 49 | 5 | | 22 | 1 | | 54 | 1 |
| 54 | | | 5 | 20 | | 41 | 1 | | 15 | 47 | | 49 | 38 | | 22 | 34 | | 54 | 33 |
| 55 | | | 5 | 56 | | 41 | 36 | | 16 | 22 | | 50 | 12 | | 23 | 6 | | 55 | 4 |
| 56 | | | 6 | 33 | | 42 | 11 | | 16 | 56 | | 50 | 45 | | 23 | 39 | | 55 | 36 |
| 57 | | | 7 | 9 | | 42 | 47 | | 17 | 30 | | 51 | 18 | | 24 | 11 | | 56 | 7 |
| 58 | | | 7 | 45 | | 43 | 22 | | 18 | 4 | | 51 | 52 | | 24 | 43 | | 56 | 39 |
| 59 | | | 8 | 21 | | 43 | 57 | | 18 | 39 | | 52 | 25 | | 25 | 16 | | 57 | 10 |
| 60 | | | 8 | 57 | | 44 | 32 | | 19 | 13 | | 52 | 58 | | 25 | 48 | | 57 | 41 |

RECTÆ

SVBTENSÆ

gradũ.

Tabula sinuum RECTORVM.

| Gra | Minu | | | | | | | | | | | | | | | | | | ar- cuũ. |
|-----|------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------------|
| | d ⁹ . | 60 | | | 61 | | | 62 | | | 63 | | | 64 | | | 65 | | |
| ta. | pt. | m̃. | z̃. | pt. | m̃. | z̃. | pt. | m̃. | z̃. | pt. | m̃. | z̃. | pt. | m̃. | z̃. | pt. | m̃. | z̃. | |
| 0 | 51 | 57 | 41 | 52 | 28 | 38 | 52 | 58 | 37 | 53 | 27 | 37 | 53 | 55 | 40 | 54 | 22 | 42 | |
| 1 | | 58 | 13 | | 29 | 8 | | 59 | 6 | | 28 | 6 | | 56 | 7 | | 23 | 9 | |
| 2 | | 58 | 44 | | 29 | 39 | 52 | 59 | 36 | | 28 | 34 | | 56 | 35 | | 23 | 36 | |
| 3 | | 59 | 16 | | 30 | 9 | 53 | 0 | 5 | | 29 | 3 | | 57 | 2 | | 24 | 2 | |
| 4 | 51 | 59 | 47 | | 30 | 40 | | 0 | 35 | | 29 | 31 | | 57 | 30 | | 24 | 29 | |
| 5 | 52 | 0 | 18 | | 31 | 10 | | 1 | 4 | | 30 | 0 | | 57 | 57 | | 24 | 55 | |
| 6 | | 0 | 50 | | 31 | 40 | | 1 | 33 | | 30 | 28 | | 58 | 24 | | 25 | 22 | |
| 7 | | 1 | 21 | | 32 | 11 | | 2 | 3 | | 30 | 57 | | 58 | 52 | | 25 | 48 | |
| 8 | | 1 | 52 | | 32 | 41 | | 2 | 32 | | 31 | 25 | | 59 | 19 | | 26 | 14 | |
| 9 | | 2 | 24 | | 33 | 11 | | 3 | 2 | | 31 | 53 | 53 | 59 | 47 | | 26 | 41 | |
| 10 | | 2 | 55 | | 33 | 42 | | 3 | 31 | | 32 | 22 | 54 | 0 | 14 | | 27 | 7 | |
| 11 | | 3 | 26 | | 34 | 12 | | 4 | 0 | | 32 | 50 | | 0 | 42 | | 27 | 34 | |
| 12 | | 3 | 57 | | 34 | 42 | | 4 | 29 | | 33 | 19 | | 1 | 9 | | 28 | 0 | |
| 13 | | 4 | 29 | | 35 | 13 | | 4 | 59 | | 33 | 47 | | 1 | 36 | | 28 | 26 | |
| 14 | | 5 | 0 | | 35 | 43 | | 5 | 28 | | 34 | 15 | | 2 | 4 | | 28 | 53 | |
| 15 | | 5 | 31 | | 36 | 13 | | 5 | 57 | | 34 | 43 | | 2 | 31 | | 29 | 19 | |
| 16 | | 6 | 2 | | 36 | 43 | | 6 | 27 | | 35 | 12 | | 2 | 58 | | 29 | 45 | |
| 17 | | 6 | 33 | | 37 | 13 | | 6 | 56 | | 35 | 40 | | 3 | 25 | | 30 | 12 | |
| 18 | | 7 | 4 | | 37 | 44 | | 7 | 25 | | 36 | 8 | | 3 | 53 | | 30 | 38 | |
| 19 | | 7 | 36 | | 38 | 14 | | 7 | 54 | | 36 | 36 | | 4 | 20 | | 31 | 4 | |
| 20 | | 8 | 7 | | 38 | 44 | | 8 | 23 | | 37 | 5 | | 4 | 47 | | 31 | 30 | |
| 21 | | 8 | 38 | | 39 | 14 | | 8 | 53 | | 37 | 33 | | 5 | 14 | | 31 | 56 | |
| 22 | | 9 | 9 | | 39 | 44 | | 9 | 22 | | 38 | 1 | | 5 | 41 | | 32 | 23 | |
| 23 | | 9 | 40 | | 40 | 14 | | 9 | 51 | | 38 | 29 | | 6 | 9 | | 32 | 49 | |
| 24 | | 10 | 11 | | 40 | 44 | | 10 | 20 | | 38 | 57 | | 6 | 36 | | 33 | 15 | |
| 25 | | 10 | 42 | | 41 | 14 | | 10 | 49 | | 39 | 25 | | 7 | 3 | | 33 | 41 | |
| 26 | | 11 | 13 | | 41 | 44 | | 11 | 18 | | 39 | 54 | | 7 | 30 | | 34 | 7 | |
| 27 | | 11 | 44 | | 42 | 14 | | 11 | 47 | | 40 | 22 | | 7 | 57 | | 34 | 33 | |
| 28 | | 12 | 15 | | 42 | 45 | | 12 | 16 | | 40 | 50 | | 8 | 24 | | 34 | 59 | |
| 29 | | 12 | 46 | | 43 | 15 | | 12 | 45 | | 41 | 18 | | 8 | 51 | | 35 | 26 | |
| 30 | 52 | 13 | 17 | 52 | 43 | 44 | 53 | 13 | 14 | 53 | 41 | 46 | 54 | 9 | 18 | 54 | 35 | 52 | |

graduũ.
RECTÆ
SVBTENSÆ

Continuatio paginæ ANTECEDENTIS.

vsque ad 60 mi.grad.

| Gra | Minu | | | | | | | | | | | | | | | | | | ar- cuũ. |
|-----|------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------------|
| | d ⁹ . | 60 | | | 61 | | | 62 | | | 63 | | | 64 | | | 65 | | |
| | ta. | pt. | m̃. | z̃. | pt. | m̃. | z̃. | pt. | m̃. | z̃. | pt. | m̃. | z̃. | pt. | m̃. | z̃. | pt. | m̃. | z̃. |
| 31 | | 52 | 13 | 48 | 52 | 44 | 14 | 53 | 13 | 43 | 53 | 42 | 14 | 54 | 9 | 45 | 54 | 36 | 18 |
| 32 | | | 14 | 19 | | 44 | 44 | | 14 | 12 | | 42 | 42 | | 10 | 12 | | 36 | 44 |
| 33 | | | 14 | 50 | | 45 | 14 | | 14 | 41 | | 43 | 10 | | 10 | 39 | | 37 | 10 |
| 34 | | | 15 | 20 | | 45 | 44 | | 15 | 10 | | 43 | 38 | | 11 | 6 | | 37 | 36 |
| 35 | | | 15 | 51 | | 46 | 14 | | 15 | 39 | | 44 | 6 | | 11 | 33 | | 38 | 2 |
| 36 | | | 16 | 22 | | 46 | 44 | | 16 | 8 | | 44 | 34 | | 12 | 0 | | 38 | 28 |
| 37 | | | 16 | 53 | | 47 | 14 | | 16 | 37 | | 45 | 2 | | 12 | 27 | | 38 | 54 |
| 38 | | | 17 | 24 | | 47 | 44 | | 17 | 6 | | 45 | 30 | | 12 | 54 | | 39 | 20 |
| 39 | | | 17 | 55 | | 48 | 14 | | 17 | 35 | | 45 | 57 | | 13 | 21 | | 39 | 45 |
| 40 | | | 18 | 25 | | 48 | 44 | | 18 | 4 | | 46 | 25 | | 13 | 48 | | 40 | 11 |
| 41 | | | 18 | 56 | | 49 | 13 | | 18 | 32 | | 46 | 53 | | 14 | 15 | | 40 | 37 |
| 42 | | | 19 | 27 | | 49 | 43 | | 19 | 1 | | 47 | 21 | | 14 | 42 | | 41 | 3 |
| 43 | | | 19 | 58 | | 50 | 13 | | 19 | 30 | | 47 | 49 | | 15 | 9 | | 41 | 29 |
| 44 | | | 20 | 28 | | 50 | 43 | | 19 | 59 | | 48 | 17 | | 15 | 36 | | 41 | 55 |
| 45 | | | 20 | 59 | | 51 | 12 | | 20 | 28 | | 48 | 45 | | 16 | 2 | | 42 | 21 |
| 46 | | | 21 | 30 | | 51 | 42 | | 20 | 56 | | 49 | 12 | | 16 | 29 | | 42 | 46 |
| 47 | | | 22 | 1 | | 52 | 12 | | 21 | 25 | | 49 | 40 | | 16 | 56 | | 43 | 12 |
| 48 | | | 22 | 31 | | 52 | 42 | | 21 | 54 | | 50 | 8 | | 17 | 23 | | 43 | 38 |
| 49 | | | 23 | 2 | | 53 | 11 | | 22 | 23 | | 50 | 36 | | 17 | 49 | | 44 | 4 |
| 50 | | | 23 | 32 | | 53 | 41 | | 22 | 51 | | 51 | 3 | | 18 | 16 | | 44 | 29 |
| 51 | | | 24 | 3 | | 54 | 11 | | 23 | 20 | | 51 | 31 | | 18 | 43 | | 44 | 55 |
| 52 | | | 24 | 34 | | 54 | 40 | | 23 | 49 | | 51 | 59 | | 19 | 10 | | 45 | 21 |
| 53 | | | 25 | 4 | | 55 | 10 | | 24 | 17 | | 52 | 26 | | 19 | 36 | | 45 | 47 |
| 54 | | | 25 | 35 | | 55 | 39 | | 24 | 46 | | 52 | 54 | | 20 | 3 | | 46 | 12 |
| 55 | | | 26 | 5 | | 56 | 9 | | 25 | 15 | | 53 | 22 | | 20 | 30 | | 46 | 38 |
| 56 | | | 26 | 36 | | 56 | 39 | | 25 | 43 | | 53 | 49 | | 20 | 56 | | 47 | 3 |
| 57 | | | 27 | 6 | | 57 | 8 | | 26 | 12 | | 54 | 17 | | 21 | 23 | | 47 | 29 |
| 58 | | | 27 | 37 | | 57 | 38 | | 26 | 40 | | 54 | 44 | | 21 | 49 | | 47 | 55 |
| 59 | | | 28 | 7 | | 58 | 7 | | 27 | 9 | | 55 | 12 | | 22 | 16 | | 48 | 20 |
| 60 | | | 28 | 38 | | 58 | 37 | | 27 | 37 | | 55 | 40 | | 22 | 42 | | 48 | 46 |

RECTÆ

SVBTENSÆ

gradũ.

Tabula sinuum RECTORVM.

| Gra | Minu | | | | | | | | | | | | | | | | | | ar- cuũ. |
|-----|------------------|----|-----|-----|----|-----|-----|----|-----|-----|----|-----|-----|----|-----|-----|----|-----|-------------|
| | d ⁹ . | 66 | | | 67 | | | 68 | | | 69 | | | 70 | | | 71 | | |
| ta. | pt. | ṁ. | z̄. | pt. | ṁ. | z̄. | pt. | ṁ. | z̄. | pt. | ṁ. | z̄. | pt. | ṁ. | z̄. | pt. | ṁ. | z̄. | |
| 0 | 54 | 48 | 46 | 55 | 13 | 49 | 55 | 37 | 52 | 56 | 0 | 53 | 56 | 22 | 54 | 56 | 43 | 52 | |
| 1 | | 49 | 11 | | 14 | 14 | | 38 | 15 | | 1 | 16 | | 23 | 15 | | 44 | 12 | |
| 2 | | 49 | 37 | | 14 | 38 | | 38 | 39 | | 1 | 38 | | 23 | 37 | | 44 | 33 | |
| 3 | | 50 | 2 | | 15 | 3 | | 39 | 2 | | 2 | 1 | | 23 | 58 | | 44 | 53 | |
| 4 | | 50 | 28 | | 15 | 27 | | 39 | 26 | | 2 | 23 | | 24 | 19 | | 45 | 14 | |
| 5 | | 50 | 53 | | 15 | 52 | | 39 | 49 | | 2 | 46 | | 24 | 41 | | 45 | 34 | |
| 6 | | 51 | 19 | | 16 | 16 | | 40 | 13 | | 3 | 8 | | 25 | 2 | | 45 | 54 | |
| 7 | | 51 | 44 | | 16 | 40 | | 40 | 36 | | 3 | 31 | | 25 | 24 | | 46 | 15 | |
| 8 | | 52 | 10 | | 17 | 5 | | 40 | 59 | | 3 | 53 | | 25 | 45 | | 46 | 35 | |
| 9 | | 52 | 35 | | 17 | 29 | | 41 | 23 | | 4 | 15 | | 26 | 6 | | 46 | 55 | |
| 10 | | 53 | 1 | | 17 | 54 | | 41 | 46 | | 4 | 38 | | 26 | 28 | | 47 | 16 | |
| 11 | | 53 | 26 | | 18 | 18 | | 42 | 10 | | 5 | 0 | | 26 | 49 | | 47 | 36 | |
| 12 | | 53 | 51 | | 18 | 42 | | 42 | 33 | | 5 | 22 | | 27 | 10 | | 47 | 56 | |
| 13 | | 54 | 17 | | 19 | 7 | | 42 | 56 | | 5 | 45 | | 27 | 32 | | 48 | 16 | |
| 14 | | 54 | 42 | | 19 | 31 | | 43 | 20 | | 6 | 7 | | 27 | 53 | | 48 | 37 | |
| 15 | | 55 | 7 | | 19 | 55 | | 43 | 43 | | 6 | 29 | | 28 | 14 | | 48 | 57 | |
| 16 | | 55 | 33 | | 20 | 20 | | 44 | 6 | | 6 | 51 | | 28 | 35 | | 49 | 17 | |
| 17 | | 55 | 58 | | 20 | 44 | | 44 | 29 | | 7 | 14 | | 28 | 56 | | 49 | 37 | |
| 18 | | 56 | 23 | | 21 | 8 | | 44 | 53 | | 7 | 36 | | 29 | 18 | | 49 | 57 | |
| 19 | | 56 | 48 | | 21 | 32 | | 45 | 16 | | 7 | 58 | | 29 | 39 | | 50 | 18 | |
| 20 | | 57 | 14 | | 21 | 57 | | 45 | 39 | | 8 | 20 | | 30 | 0 | | 50 | 38 | |
| 21 | | 57 | 39 | | 22 | 21 | | 46 | 2 | | 8 | 42 | | 30 | 21 | | 50 | 58 | |
| 22 | | 58 | 4 | | 22 | 45 | | 46 | 25 | | 9 | 5 | | 30 | 42 | | 51 | 18 | |
| 23 | | 58 | 29 | | 23 | 9 | | 46 | 49 | | 9 | 27 | | 31 | 3 | | 51 | 38 | |
| 24 | | 58 | 54 | | 23 | 33 | | 47 | 12 | | 9 | 49 | | 31 | 24 | | 51 | 58 | |
| 25 | | 59 | 19 | | 23 | 58 | | 47 | 35 | | 10 | 11 | | 31 | 45 | | 52 | 18 | |
| 26 | 54 | 59 | 45 | | 24 | 22 | | 47 | 58 | | 10 | 33 | | 32 | 7 | | 52 | 38 | |
| 27 | 55 | 0 | 10 | | 24 | 46 | | 48 | 21 | | 10 | 55 | | 32 | 28 | | 52 | 58 | |
| 28 | | 0 | 35 | | 25 | 10 | | 48 | 44 | | 11 | 17 | | 32 | 49 | | 53 | 18 | |
| 29 | | 1 | 0 | | 25 | 34 | | 49 | 7 | | 11 | 39 | | 33 | 10 | | 53 | 38 | |
| 30 | 55 | 1 | 25 | 55 | 25 | 58 | 55 | 49 | 30 | 56 | 12 | 1 | 56 | 33 | 31 | 56 | 53 | 58 | |

gradũ.
RECTÆ
SVBTENSÆ

Continuatio paginæ ANTECEDENTIS.

vsque ad 60 mi.grad.

| Gra | Minu | | | | | | | | | | | | | | | | | | ar- cuũ. |
|-----|------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------------|
| | d ⁹ . | 66 | | | 67 | | | 68 | | | 69 | | | 70 | | | 71 | | |
| | ta. | pt. | m̃. | z̃. | pt. | m̃. | z̃. | pt. | m̃. | z̃. | pt. | m̃. | z̃. | pt. | m̃. | z̃. | pt. | m̃. | z̃. |
| 31 | 55 | 1 | 50 | 55 | 26 | 22 | 55 | 49 | 53 | 56 | 12 | 23 | 56 | 33 | 52 | 56 | 54 | 18 | |
| 32 | | 2 | 15 | | 26 | 46 | | 50 | 16 | | 12 | 45 | | 34 | 12 | | 54 | 38 | |
| 33 | | 2 | 40 | | 27 | 10 | | 50 | 39 | | 13 | 7 | | 34 | 33 | | 54 | 58 | |
| 34 | | 3 | 5 | | 27 | 34 | | 51 | 2 | | 13 | 29 | | 34 | 54 | | 55 | 18 | |
| 35 | | 3 | 30 | | 27 | 58 | | 51 | 25 | | 13 | 51 | | 35 | 15 | | 55 | 37 | |
| 36 | | 3 | 55 | | 28 | 22 | | 51 | 48 | | 14 | 13 | | 35 | 36 | | 55 | 57 | |
| 37 | | 4 | 20 | | 28 | 46 | | 52 | 11 | | 14 | 35 | | 35 | 57 | | 56 | 17 | |
| 38 | | 4 | 45 | | 29 | 10 | | 52 | 34 | | 14 | 57 | | 36 | 18 | | 56 | 37 | |
| 39 | | 5 | 10 | | 29 | 34 | | 52 | 57 | | 15 | 19 | | 36 | 39 | | 56 | 57 | |
| 40 | | 5 | 35 | | 29 | 58 | | 53 | 20 | | 15 | 40 | | 36 | 59 | | 57 | 16 | |
| 41 | | 6 | 0 | | 30 | 21 | | 53 | 42 | | 16 | 2 | | 37 | 20 | | 57 | 36 | |
| 42 | | 6 | 24 | | 30 | 45 | | 54 | 5 | | 16 | 24 | | 37 | 41 | | 57 | 56 | |
| 43 | | 6 | 49 | | 31 | 9 | | 54 | 28 | | 16 | 46 | | 38 | 2 | | 58 | 16 | |
| 44 | | 7 | 14 | | 31 | 33 | | 54 | 51 | | 17 | 8 | | 38 | 23 | | 58 | 35 | |
| 45 | | 7 | 39 | | 31 | 57 | | 55 | 14 | | 17 | 29 | | 38 | 43 | | 58 | 55 | |
| 46 | | 8 | 4 | | 32 | 21 | | 55 | 36 | | 17 | 51 | | 39 | 4 | | 59 | 15 | |
| 47 | | 8 | 28 | | 32 | 44 | | 55 | 59 | | 18 | 13 | | 39 | 25 | | 59 | 34 | |
| 48 | | 8 | 53 | | 33 | 8 | | 56 | 22 | | 18 | 34 | | 39 | 45 | 56 | 59 | 54 | |
| 49 | | 9 | 18 | | 33 | 32 | | 56 | 45 | | 18 | 56 | | 40 | 6 | 57 | 0 | 14 | |
| 50 | | 9 | 43 | | 33 | 55 | | 57 | 7 | | 19 | 18 | | 40 | 27 | | 0 | 33 | |
| 51 | | 10 | 7 | | 34 | 19 | | 57 | 30 | | 19 | 40 | | 40 | 47 | | 0 | 53 | |
| 52 | | 10 | 32 | | 34 | 43 | | 57 | 53 | | 20 | 1 | | 41 | 8 | | 1 | 12 | |
| 53 | | 10 | 57 | | 35 | 7 | | 58 | 15 | | 20 | 23 | | 41 | 28 | | 1 | 32 | |
| 54 | | 11 | 21 | | 35 | 30 | | 58 | 38 | | 20 | 44 | | 41 | 49 | | 1 | 51 | |
| 55 | | 11 | 46 | | 35 | 54 | | 59 | 1 | | 21 | 6 | | 42 | 10 | | 2 | 11 | |
| 56 | | 12 | 11 | | 36 | 17 | | 59 | 23 | | 21 | 28 | | 42 | 30 | | 2 | 30 | |
| 57 | | 12 | 35 | | 36 | 41 | 55 | 59 | 46 | | 21 | 49 | | 42 | 51 | | 2 | 50 | |
| 58 | | 13 | 0 | | 37 | 5 | 56 | 0 | 8 | | 22 | 11 | | 43 | 11 | | 3 | 9 | |
| 59 | | 13 | 24 | | 37 | 28 | | 0 | 31 | | 22 | 32 | | 43 | 32 | | 3 | 29 | |
| 60 | | 13 | 49 | | 37 | 52 | | 0 | 53 | | 22 | 54 | | 43 | 52 | | 3 | 48 | |

RECTÆ

SVBTENSÆ

gradũ.

Tabula sinuum RECTORVM.

| Gra | Minu | | | | | | | | | | | | | | | | | | ar- cuũ. |
|---------|------------------|----|-----|-----|----|-----|-----|----|-----|----------|----|-----|-----|----|-----|-----|----|-----|-------------|
| | d ^o . | 72 | | | 73 | | | 74 | | | 75 | | | 76 | | | 77 | | |
| ta. | pt. | ṁ. | z̄. | pt. | ṁ. | z̄. | pt. | ṁ. | z̄. | pt. | ṁ. | z̄. | pt. | ṁ. | z̄. | pt. | ṁ. | z̄. | |
| 0 | 57 | 3 | 48 | 57 | 22 | 42 | 57 | 40 | 33 | 57 | 57 | 20 | 58 | 13 | 4 | 58 | 27 | 44 | |
| 1 | | 4 | 8 | | 23 | 0 | | 40 | 50 | | 57 | 36 | | 13 | 19 | | 27 | 58 | |
| 2 | | 4 | 27 | | 23 | 19 | | 41 | 7 | | 57 | 52 | | 13 | 34 | | 28 | 12 | |
| 3 | | 4 | 46 | | 23 | 37 | | 41 | 24 | | 58 | 9 | | 13 | 49 | | 28 | 26 | |
| 4 | | 5 | 6 | | 23 | 55 | | 41 | 42 | | 58 | 25 | | 14 | 5 | | 28 | 40 | |
| 5 | | 5 | 25 | | 24 | 13 | | 41 | 59 | | 58 | 41 | | 14 | 20 | | 28 | 54 | |
| 6 | | 5 | 44 | | 24 | 32 | | 42 | 16 | | 58 | 57 | | 14 | 35 | | 29 | 8 | |
| 7 | | 6 | 4 | | 24 | 50 | | 42 | 33 | | 59 | 13 | | 14 | 50 | | 29 | 22 | |
| 8 | | 6 | 23 | | 25 | 8 | | 42 | 51 | | 59 | 30 | | 15 | 5 | | 29 | 36 | |
| 9 | | 6 | 42 | | 25 | 26 | | 43 | 8 | 58 | 59 | 46 | | 15 | 20 | | 29 | 50 | |
| 10 | | 7 | 1 | | 25 | 45 | | 43 | 25 | 58 | 0 | 2 | | 15 | 35 | | 30 | 4 | |
| 11 | | 7 | 21 | | 26 | 3 | | 43 | 42 | | 0 | 18 | | 15 | 50 | | 30 | 18 | |
| 12 | | 7 | 40 | | 26 | 21 | | 43 | 59 | | 0 | 34 | | 16 | 5 | | 30 | 32 | |
| 13 | | 7 | 59 | | 26 | 39 | | 44 | 16 | | 0 | 50 | | 16 | 20 | | 30 | 46 | |
| 14 | | 8 | 18 | | 26 | 57 | | 44 | 33 | | 1 | 6 | | 16 | 35 | | 31 | 0 | |
| 15 | | 8 | 37 | | 27 | 15 | | 44 | 50 | | 1 | 22 | | 16 | 50 | | 31 | 14 | |
| 16 | | 8 | 57 | | 27 | 34 | | 45 | 7 | | 1 | 38 | | 17 | 5 | | 31 | 28 | |
| 17 | | 9 | 16 | | 27 | 52 | | 45 | 24 | | 1 | 54 | | 17 | 20 | | 31 | 42 | |
| 18 | | 9 | 35 | | 28 | 10 | | 45 | 41 | | 2 | 10 | | 17 | 35 | | 31 | 55 | |
| 19 | | 9 | 54 | | 28 | 28 | | 45 | 58 | | 2 | 26 | | 17 | 49 | | 32 | 9 | |
| 20 | | 10 | 13 | | 28 | 46 | | 46 | 15 | | 2 | 42 | | 18 | 4 | | 32 | 23 | |
| 21 | | 10 | 32 | | 29 | 4 | | 46 | 32 | | 2 | 58 | | 18 | 19 | | 32 | 37 | |
| 22 | | 10 | 51 | | 29 | 22 | | 46 | 49 | | 3 | 13 | | 18 | 34 | | 32 | 51 | |
| 23 | | 11 | 10 | | 29 | 40 | | 47 | 6 | | 3 | 29 | | 18 | 49 | | 33 | 4 | |
| 24 | | 11 | 29 | | 29 | 58 | | 47 | 23 | | 3 | 45 | | 19 | 4 | | 33 | 18 | |
| 25 | | 11 | 48 | | 30 | 16 | | 47 | 40 | | 4 | 1 | | 19 | 18 | | 33 | 32 | |
| 26 | | 12 | 7 | | 30 | 34 | | 47 | 57 | | 4 | 17 | | 19 | 33 | | 33 | 45 | |
| 27 | | 12 | 26 | | 30 | 51 | | 48 | 14 | | 4 | 33 | | 19 | 48 | | 33 | 59 | |
| 28 | | 12 | 45 | | 31 | 9 | | 48 | 31 | | 4 | 48 | | 20 | 3 | | 34 | 13 | |
| 29 | | 13 | 4 | | 31 | 27 | | 48 | 47 | | 5 | 4 | | 20 | 17 | | 34 | 26 | |
| 30 | 57 | 13 | 23 | 57 | 31 | 45 | 57 | 49 | 4 | 58 | 5 | 20 | 58 | 20 | 32 | 58 | 34 | 40 | |
| graduũ. | RECTÆ | | | | | | | | | SVBTENSÆ | | | | | | | | | |

Continuatio paginæ ANTECEDENTIS.

vsque ad 60 mi.grad.

| Gra | Minu | | | | | | | | | | | | | | | | | | ar- cuũ. |
|-----|------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------------|
| | d ⁹ . | 72 | | | 73 | | | 74 | | | 75 | | | 76 | | | 77 | | |
| | ta. | pt. | m̃. | z̃. | pt. | m̃. | z̃. | pt. | m̃. | z̃. | pt. | m̃. | z̃. | pt. | m̃. | z̃. | pt. | m̃. | z̃. |
| 31 | 57 | 13 | 42 | 57 | 32 | 3 | 57 | 49 | 21 | 58 | 5 | 36 | 58 | 20 | 47 | 58 | 34 | 54 | |
| 32 | | 14 | 1 | | 32 | 21 | | 49 | 38 | | 5 | 51 | | 21 | 1 | | 35 | 7 | |
| 33 | | 14 | 19 | | 32 | 39 | | 49 | 54 | | 6 | 7 | | 21 | 16 | | 35 | 21 | |
| 34 | | 14 | 38 | | 32 | 56 | | 50 | 11 | | 6 | 23 | | 21 | 30 | | 35 | 34 | |
| 35 | | 14 | 57 | | 33 | 14 | | 50 | 28 | | 6 | 38 | | 21 | 45 | | 35 | 48 | |
| 36 | | 15 | 16 | | 33 | 32 | | 50 | 45 | | 6 | 54 | | 22 | 0 | | 36 | 1 | |
| 37 | | 15 | 35 | | 33 | 50 | | 51 | 1 | | 7 | 10 | | 22 | 14 | | 36 | 15 | |
| 38 | | 15 | 53 | | 34 | 7 | | 51 | 18 | | 7 | 25 | | 22 | 29 | | 36 | 28 | |
| 39 | | 16 | 12 | | 34 | 25 | | 51 | 35 | | 7 | 41 | | 22 | 43 | | 36 | 42 | |
| 40 | | 16 | 31 | | 34 | 43 | | 51 | 51 | | 7 | 56 | | 22 | 58 | | 36 | 55 | |
| 41 | | 16 | 50 | | 35 | 0 | | 52 | 8 | | 8 | 12 | | 23 | 12 | | 37 | 8 | |
| 42 | | 17 | 8 | | 35 | 18 | | 52 | 24 | | 8 | 27 | | 23 | 27 | | 37 | 22 | |
| 43 | | 17 | 27 | | 35 | 36 | | 52 | 41 | | 8 | 43 | | 23 | 41 | | 37 | 35 | |
| 44 | | 17 | 46 | | 35 | 53 | | 52 | 58 | | 8 | 58 | | 23 | 56 | | 37 | 49 | |
| 45 | | 18 | 4 | | 36 | 11 | | 53 | 14 | | 9 | 14 | | 24 | 10 | | 38 | 2 | |
| 46 | | 18 | 23 | | 36 | 28 | | 53 | 31 | | 9 | 29 | | 24 | 24 | | 38 | 15 | |
| 47 | | 18 | 42 | | 36 | 46 | | 53 | 47 | | 9 | 45 | | 24 | 39 | | 38 | 29 | |
| 48 | | 19 | 0 | | 37 | 3 | | 54 | 4 | | 10 | 0 | | 24 | 53 | | 38 | 42 | |
| 49 | | 19 | 19 | | 37 | 21 | | 54 | 20 | | 10 | 16 | | 25 | 7 | | 38 | 55 | |
| 50 | | 19 | 37 | | 37 | 38 | | 54 | 36 | | 10 | 31 | | 25 | 22 | | 39 | 8 | |
| 51 | | 19 | 56 | | 37 | 56 | | 54 | 53 | | 10 | 46 | | 25 | 36 | | 39 | 22 | |
| 52 | | 20 | 14 | | 38 | 13 | | 55 | 9 | | 11 | 2 | | 25 | 50 | | 39 | 35 | |
| 53 | | 20 | 33 | | 38 | 31 | | 55 | 26 | | 11 | 17 | | 26 | 5 | | 39 | 48 | |
| 54 | | 20 | 51 | | 38 | 48 | | 55 | 42 | | 11 | 32 | | 26 | 19 | | 40 | 1 | |
| 55 | | 21 | 10 | | 39 | 6 | | 55 | 58 | | 11 | 48 | | 26 | 33 | | 40 | 14 | |
| 56 | | 21 | 28 | | 39 | 23 | | 56 | 15 | | 12 | 3 | | 26 | 47 | | 40 | 27 | |
| 57 | | 21 | 47 | | 39 | 40 | | 56 | 31 | | 12 | 18 | | 27 | 1 | | 40 | 41 | |
| 58 | | 22 | 5 | | 39 | 58 | | 56 | 47 | | 12 | 33 | | 27 | 16 | | 40 | 54 | |
| 59 | | 22 | 23 | | 40 | 15 | | 57 | 4 | | 12 | 49 | | 27 | 30 | | 41 | 7 | |
| 60 | | 22 | 42 | | 40 | 33 | | 57 | 20 | | 13 | 4 | | 27 | 44 | | 41 | 20 | |

RECTÆ

SVBTENSÆ

graduũ.

Tabula sinuum RECTORVM.

| Gra | | Minu | | | | | | | | | | | | | | | | | | ar- cuũ. |
|-----|----|------------------|----|-----|-----|----|-----|-----|----|-----|-----|----|-----|-----|----|-----|-----|----|-----|-------------|
| | | d ⁹ . | 78 | | | 79 | | | 80 | | | 81 | | | 82 | | | 83 | | |
| ta. | | pt. | ṁ. | z̄. | pt. | ṁ. | z̄. | pt. | ṁ. | z̄. | pt. | ṁ. | z̄. | pt. | ṁ. | z̄. | pt. | ṁ. | z̄. | |
| | | 0 | 58 | 41 | 20 | 58 | 53 | 51 | 59 | 5 | 18 | 59 | 15 | 41 | 59 | 24 | 58 | 59 | 33 | 10 |
| 1 | | 41 | 33 | | 54 | 3 | | 5 | 29 | | 15 | 51 | | 25 | 7 | | 33 | 18 | | |
| 2 | | 41 | 46 | | 54 | 15 | | 5 | 40 | | 16 | 0 | | 25 | 15 | | 33 | 25 | | |
| 3 | | 41 | 59 | | 54 | 27 | | 5 | 51 | | 16 | 10 | | 25 | 24 | | 33 | 33 | | |
| 4 | | 42 | 12 | | 54 | 39 | | 6 | 2 | | 16 | 20 | | 25 | 33 | | 33 | 40 | | |
| 5 | | 42 | 25 | | 54 | 51 | | 6 | 13 | | 16 | 30 | | 25 | 41 | | 33 | 48 | | |
| 6 | | 42 | 38 | | 55 | 3 | | 6 | 24 | | 16 | 39 | | 25 | 50 | | 33 | 56 | | |
| 7 | | 42 | 51 | | 55 | 15 | | 6 | 34 | | 16 | 49 | | 25 | 59 | | 34 | 3 | | |
| 8 | | 43 | 4 | | 55 | 27 | | 6 | 45 | | 16 | 59 | | 26 | 7 | | 34 | 11 | | |
| 9 | | 43 | 17 | | 55 | 39 | | 6 | 56 | | 17 | 8 | | 26 | 16 | | 34 | 18 | | |
| 10 | | 43 | 30 | | 55 | 50 | | 7 | 7 | | 17 | 18 | | 26 | 24 | | 34 | 26 | | |
| 11 | | 43 | 42 | | 56 | 2 | | 7 | 17 | | 17 | 28 | | 26 | 33 | | 34 | 33 | | |
| 12 | | 43 | 55 | | 56 | 14 | | 7 | 28 | | 17 | 37 | | 26 | 42 | | 34 | 41 | | |
| 13 | | 44 | 8 | | 56 | 26 | | 7 | 39 | | 17 | 47 | | 26 | 50 | | 34 | 48 | | |
| 14 | | 44 | 21 | | 56 | 38 | | 7 | 49 | | 17 | 57 | | 26 | 59 | | 34 | 55 | | |
| 15 | | 44 | 34 | | 56 | 49 | | 8 | 0 | | 18 | 6 | | 27 | 7 | | 35 | 3 | | |
| 16 | | 44 | 47 | | 57 | 1 | | 8 | 11 | | 18 | 16 | | 27 | 15 | | 35 | 10 | | |
| 17 | | 44 | 59 | | 57 | 13 | | 8 | 21 | | 18 | 25 | | 27 | 24 | | 35 | 18 | | |
| 18 | | 45 | 12 | | 57 | 24 | | 8 | 32 | | 18 | 35 | | 27 | 32 | | 35 | 25 | | |
| 19 | | 45 | 25 | | 57 | 36 | | 8 | 43 | | 18 | 44 | | 27 | 41 | | 35 | 32 | | |
| 20 | | 45 | 38 | | 57 | 48 | | 8 | 53 | | 18 | 54 | | 27 | 49 | | 35 | 39 | | |
| 21 | | 45 | 50 | | 57 | 59 | | 9 | 4 | | 19 | 3 | | 27 | 58 | | 35 | 47 | | |
| 22 | | 46 | 3 | | 58 | 11 | | 9 | 14 | | 19 | 13 | | 28 | 6 | | 35 | 54 | | |
| 23 | | 46 | 16 | | 58 | 22 | | 9 | 25 | | 19 | 22 | | 28 | 14 | | 36 | 1 | | |
| 24 | | 46 | 28 | | 58 | 34 | | 9 | 35 | | 19 | 31 | | 28 | 23 | | 36 | 9 | | |
| 25 | | 46 | 41 | | 58 | 46 | | 9 | 46 | | 19 | 41 | | 28 | 31 | | 36 | 16 | | |
| 26 | | 46 | 53 | | 58 | 57 | | 9 | 56 | | 19 | 50 | | 28 | 39 | | 36 | 23 | | |
| 27 | | 47 | 6 | | 59 | 9 | | 10 | 6 | | 19 | 59 | | 28 | 47 | | 36 | 30 | | |
| 28 | | 47 | 19 | | 59 | 20 | | 10 | 17 | | 20 | 9 | | 28 | 56 | | 36 | 37 | | |
| 29 | | 47 | 31 | | 59 | 32 | | 10 | 27 | | 20 | 18 | | 29 | 4 | | 36 | 44 | | |
| 30 | 58 | 47 | 44 | 58 | 59 | 43 | 59 | 10 | 38 | 59 | 20 | 27 | 59 | 29 | 12 | 59 | 36 | 52 | | |

gradũ.
RECTÆ
SVBTENSÆ

Continuatio paginæ ANTECEDENTIS.

vsque ad 60 mi.grad.

| Gra | Minu | | | | | | | | | | | | | | | | | | ar- cuũ. |
|-----|------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------------|
| | d ⁹ . | 78 | | | 79 | | | 80 | | | 81 | | | 82 | | | 83 | | |
| | ta. | pt. | m̃. | z̃. | pt. | m̃. | z̃. | pt. | m̃. | z̃. | pt. | m̃. | z̃. | pt. | m̃. | z̃. | pt. | m̃. | z̃. |
| 31 | 58 | 47 | 56 | 58 | 59 | 55 | 59 | 10 | 48 | 59 | 20 | 37 | 59 | 29 | 20 | 59 | 36 | 59 | |
| 32 | | 48 | 9 | 59 | 0 | 6 | | 10 | 58 | | 20 | 46 | | 29 | 28 | | 37 | 6 | |
| 33 | | 48 | 21 | | 0 | 17 | | 11 | 9 | | 20 | 55 | | 29 | 37 | | 37 | 13 | |
| 34 | | 48 | 34 | | 0 | 29 | | 11 | 19 | | 21 | 4 | | 29 | 45 | | 37 | 20 | |
| 35 | | 48 | 46 | | 0 | 40 | | 11 | 29 | | 21 | 14 | | 29 | 53 | | 37 | 27 | |
| 36 | | 48 | 59 | | 0 | 51 | | 11 | 40 | | 21 | 23 | | 30 | 1 | | 37 | 34 | |
| 37 | | 49 | 11 | | 1 | 3 | | 11 | 50 | | 21 | 32 | | 30 | 9 | | 37 | 41 | |
| 38 | | 49 | 23 | | 1 | 14 | | 12 | 0 | | 21 | 41 | | 30 | 17 | | 37 | 48 | |
| 39 | | 49 | 36 | | 1 | 25 | | 12 | 10 | | 21 | 50 | | 30 | 25 | | 37 | 55 | |
| 40 | | 49 | 48 | | 1 | 37 | | 12 | 20 | | 21 | 59 | | 30 | 33 | | 38 | 2 | |
| 41 | | 50 | 0 | | 1 | 48 | | 12 | 31 | | 22 | 8 | | 30 | 41 | | 38 | 9 | |
| 42 | | 50 | 13 | | 1 | 59 | | 12 | 41 | | 22 | 18 | | 30 | 49 | | 38 | 16 | |
| 43 | | 50 | 25 | | 2 | 10 | | 12 | 51 | | 22 | 27 | | 30 | 57 | | 38 | 22 | |
| 44 | | 50 | 37 | | 2 | 22 | | 13 | 1 | | 22 | 36 | | 31 | 5 | | 38 | 29 | |
| 45 | | 50 | 50 | | 2 | 33 | | 13 | 11 | | 22 | 45 | | 31 | 13 | | 38 | 36 | |
| 46 | | 51 | 2 | | 2 | 44 | | 13 | 21 | | 22 | 54 | | 31 | 21 | | 38 | 43 | |
| 47 | | 51 | 14 | | 2 | 55 | | 13 | 31 | | 23 | 3 | | 31 | 29 | | 38 | 50 | |
| 48 | | 51 | 26 | | 3 | 6 | | 13 | 41 | | 23 | 12 | | 31 | 37 | | 38 | 57 | |
| 49 | | 51 | 39 | | 3 | 17 | | 13 | 51 | | 23 | 21 | | 31 | 45 | | 39 | 3 | |
| 50 | | 51 | 51 | | 3 | 28 | | 14 | 1 | | 23 | 30 | | 31 | 52 | | 39 | 10 | |
| 51 | | 52 | 3 | | 3 | 40 | | 14 | 11 | | 23 | 38 | | 32 | 0 | | 39 | 17 | |
| 52 | | 52 | 15 | | 3 | 51 | | 14 | 21 | | 23 | 47 | | 32 | 8 | | 39 | 24 | |
| 53 | | 52 | 27 | | 4 | 2 | | 14 | 31 | | 23 | 56 | | 32 | 16 | | 39 | 30 | |
| 54 | | 52 | 39 | | 4 | 13 | | 14 | 41 | | 24 | 5 | | 32 | 24 | | 39 | 37 | |
| 55 | | 52 | 51 | | 4 | 24 | | 14 | 51 | | 24 | 14 | | 32 | 31 | | 39 | 44 | |
| 56 | | 53 | 3 | | 4 | 35 | | 15 | 1 | | 24 | 23 | | 32 | 39 | | 39 | 50 | |
| 57 | | 53 | 15 | | 4 | 46 | | 15 | 11 | | 24 | 32 | | 32 | 47 | | 39 | 57 | |
| 58 | | 53 | 27 | | 4 | 57 | | 15 | 21 | | 24 | 40 | | 32 | 55 | | 40 | 4 | |
| 59 | | 53 | 39 | | 5 | 8 | | 15 | 31 | | 24 | 49 | | 33 | 2 | | 40 | 10 | |
| 60 | | 53 | 51 | | 5 | 18 | | 15 | 41 | | 24 | 58 | | 33 | 10 | | 40 | 17 | |

RECTÆ

SVBTENSÆ

gradũ.

Tabula sinuum RECTORVM.

| Gra | Minu | | | | | | | | | | | | | | | | | | ar- cuũ. |
|---------|------------------|-----|-----|-----|-----|-----|-----|-----|-----|----------|-----|-----|-----|-----|-----|-----|-----|-----|-------------|
| | d ^o . | 84 | | | 85 | | | 86 | | | 87 | | | 88 | | | 89 | | |
| ta. | pt. | m̃. | z̃. | pt. | m̃. | z̃. | pt. | m̃. | z̃. | pt. | m̃. | z̃. | pt. | m̃. | z̃. | pt. | m̃. | z̃. | |
| 0 | 59 | 40 | 17 | 59 | 46 | 18 | 59 | 51 | 14 | 59 | 55 | 4 | 59 | 57 | 48 | 59 | 59 | 27 | |
| 1 | | 40 | 23 | | 46 | 24 | | 51 | 18 | | 55 | 7 | | 57 | 51 | | 59 | 28 | |
| 2 | | 40 | 30 | | 46 | 29 | | 51 | 23 | | 55 | 11 | | 57 | 53 | | 59 | 29 | |
| 3 | | 40 | 36 | | 46 | 34 | | 51 | 27 | | 55 | 14 | | 57 | 55 | | 59 | 30 | |
| 4 | | 40 | 43 | | 46 | 40 | | 51 | 31 | | 55 | 17 | | 57 | 57 | | 59 | 31 | |
| 5 | | 40 | 49 | | 46 | 45 | | 51 | 36 | | 55 | 20 | | 57 | 59 | | 59 | 32 | |
| 6 | | 40 | 56 | | 46 | 51 | | 51 | 40 | | 55 | 23 | | 58 | 1 | | 59 | 33 | |
| 7 | | 41 | 2 | | 46 | 56 | | 51 | 44 | | 55 | 27 | | 58 | 3 | | 59 | 34 | |
| 8 | | 41 | 9 | | 47 | 1 | | 51 | 48 | | 55 | 30 | | 58 | 5 | | 59 | 35 | |
| 9 | | 41 | 15 | | 47 | 7 | | 51 | 53 | | 55 | 33 | | 58 | 7 | | 59 | 36 | |
| 10 | | 41 | 21 | | 47 | 12 | | 51 | 57 | | 55 | 36 | | 58 | 9 | | 59 | 37 | |
| 11 | | 41 | 28 | | 47 | 17 | | 52 | 1 | | 55 | 39 | | 58 | 11 | | 59 | 38 | |
| 12 | | 41 | 34 | | 47 | 22 | | 52 | 5 | | 55 | 42 | | 58 | 13 | | 59 | 39 | |
| 13 | | 41 | 41 | | 47 | 28 | | 52 | 9 | | 55 | 45 | | 58 | 15 | | 59 | 40 | |
| 14 | | 41 | 47 | | 47 | 33 | | 52 | 13 | | 55 | 48 | | 58 | 17 | | 59 | 41 | |
| 15 | | 41 | 53 | | 47 | 38 | | 52 | 18 | | 55 | 51 | | 58 | 19 | | 59 | 41 | |
| 16 | | 41 | 59 | | 47 | 43 | | 52 | 22 | | 55 | 54 | | 58 | 21 | | 59 | 42 | |
| 17 | | 42 | 6 | | 47 | 49 | | 52 | 26 | | 55 | 57 | | 58 | 23 | | 59 | 43 | |
| 18 | | 42 | 12 | | 47 | 54 | | 52 | 30 | | 56 | 0 | | 58 | 25 | | 59 | 44 | |
| 19 | | 42 | 18 | | 47 | 59 | | 52 | 34 | | 56 | 3 | | 58 | 27 | | 59 | 45 | |
| 20 | | 42 | 24 | | 48 | 4 | | 52 | 38 | | 56 | 6 | | 58 | 29 | | 59 | 45 | |
| 21 | | 42 | 31 | | 48 | 9 | | 52 | 42 | | 56 | 9 | | 58 | 30 | | 59 | 46 | |
| 22 | | 42 | 37 | | 48 | 14 | | 52 | 46 | | 56 | 12 | | 58 | 32 | | 59 | 47 | |
| 23 | | 42 | 43 | | 48 | 19 | | 52 | 50 | | 56 | 15 | | 58 | 34 | | 59 | 47 | |
| 24 | | 42 | 49 | | 48 | 24 | | 52 | 54 | | 56 | 18 | | 58 | 36 | | 59 | 48 | |
| 25 | | 42 | 55 | | 48 | 29 | | 52 | 58 | | 56 | 20 | | 58 | 38 | | 59 | 49 | |
| 26 | | 43 | 1 | | 48 | 34 | | 53 | 2 | | 56 | 23 | | 58 | 39 | | 59 | 49 | |
| 27 | | 43 | 7 | | 48 | 39 | | 53 | 6 | | 56 | 26 | | 58 | 41 | | 59 | 50 | |
| 28 | | 43 | 13 | | 48 | 44 | | 53 | 9 | | 56 | 29 | | 58 | 43 | | 59 | 51 | |
| 29 | | 43 | 20 | | 48 | 49 | | 53 | 13 | | 56 | 32 | | 58 | 44 | | 59 | 51 | |
| 30 | 59 | 43 | 26 | 59 | 48 | 54 | 59 | 53 | 17 | 59 | 56 | 34 | 59 | 58 | 46 | 59 | 59 | 52 | |
| graduũ. | RECTÆ | | | | | | | | | SVBTENSÆ | | | | | | | | | |

Continuatio paginæ ANTECEDENTIS.

vsque ad 60 mi.grad.

| Gra | Minu | | | | | | | | | | | | | | | | | | ar- cuũ. |
|-----|------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------------|
| | d ⁹ . | 84 | | | 85 | | | 86 | | | 87 | | | 88 | | | 89 | | |
| | ta. | pt. | m̃. | z̃. | pt. | m̃. | z̃. | pt. | m̃. | z̃. | pt. | m̃. | z̃. | pt. | m̃. | z̃. | pt. | m̃. | z̃. |
| 31 | 59 | 43 | 32 | 59 | 48 | 59 | 59 | 53 | 21 | 59 | 56 | 37 | 59 | 58 | 48 | 59 | 59 | 59 | 52 |
| 32 | | 43 | 38 | | 49 | 4 | | 53 | 25 | | 56 | 40 | | 58 | 49 | | 59 | 59 | 53 |
| 33 | | 43 | 44 | | 49 | 9 | | 53 | 29 | | 56 | 43 | | 58 | 51 | | 59 | 59 | 53 |
| 34 | | 43 | 50 | | 49 | 14 | | 53 | 32 | | 56 | 45 | | 58 | 52 | | 59 | 59 | 54 |
| 35 | | 43 | 55 | | 49 | 19 | | 53 | 36 | | 56 | 48 | | 58 | 54 | | 59 | 59 | 54 |
| 36 | | 44 | 1 | | 49 | 23 | | 53 | 40 | | 56 | 51 | | 58 | 56 | | 59 | 59 | 55 |
| 37 | | 44 | 7 | | 49 | 28 | | 53 | 44 | | 56 | 53 | | 58 | 57 | | 59 | 59 | 55 |
| 38 | | 44 | 13 | | 49 | 33 | | 53 | 47 | | 56 | 56 | | 58 | 59 | | 59 | 59 | 56 |
| 39 | | 44 | 19 | | 49 | 38 | | 53 | 51 | | 56 | 58 | | 59 | 0 | | 59 | 59 | 56 |
| 40 | | 44 | 25 | | 49 | 43 | | 53 | 55 | | 57 | 1 | | 59 | 2 | | 59 | 59 | 56 |
| 41 | | 44 | 31 | | 49 | 47 | | 53 | 58 | | 57 | 3 | | 59 | 3 | | 59 | 59 | 57 |
| 42 | | 44 | 37 | | 49 | 52 | | 54 | 2 | | 57 | 6 | | 59 | 4 | | 59 | 59 | 57 |
| 43 | | 44 | 42 | | 49 | 57 | | 54 | 5 | | 57 | 9 | | 59 | 6 | | 59 | 59 | 57 |
| 44 | | 44 | 48 | | 50 | 1 | | 54 | 9 | | 57 | 11 | | 59 | 7 | | 59 | 59 | 58 |
| 45 | | 44 | 54 | | 50 | 6 | | 54 | 13 | | 57 | 13 | | 59 | 9 | | 59 | 59 | 58 |
| 46 | | 45 | 0 | | 50 | 11 | | 54 | 16 | | 57 | 16 | | 59 | 10 | | 59 | 59 | 58 |
| 47 | | 45 | 5 | | 50 | 15 | | 54 | 20 | | 57 | 18 | | 59 | 11 | | 59 | 59 | 58 |
| 48 | | 45 | 11 | | 50 | 20 | | 54 | 23 | | 57 | 21 | | 59 | 13 | | 59 | 59 | 59 |
| 49 | | 45 | 17 | | 50 | 25 | | 54 | 27 | | 57 | 23 | | 59 | 14 | | 59 | 59 | 59 |
| 50 | | 45 | 22 | | 50 | 29 | | 54 | 30 | | 57 | 26 | | 59 | 15 | | 59 | 59 | 59 |
| 51 | | 45 | 28 | | 50 | 34 | | 54 | 34 | | 57 | 28 | | 59 | 16 | | 59 | 59 | 59 |
| 52 | | 45 | 34 | | 50 | 38 | | 54 | 37 | | 57 | 30 | | 59 | 18 | 59 | 59 | 59 | 59 |
| 53 | | 45 | 39 | | 50 | 43 | | 54 | 41 | | 57 | 33 | | 59 | 19 | 60 | 0 | 0 | 0 |
| 54 | | 45 | 45 | | 50 | 47 | | 54 | 44 | | 57 | 35 | | 59 | 20 | | 0 | 0 | 0 |
| 55 | | 45 | 50 | | 50 | 52 | | 54 | 47 | | 57 | 37 | | 59 | 21 | | 0 | 0 | 0 |
| 56 | | 45 | 56 | | 50 | 56 | | 54 | 51 | | 57 | 40 | | 59 | 23 | | 0 | 0 | 0 |
| 57 | | 46 | 2 | | 51 | 1 | | 54 | 54 | | 57 | 42 | | 59 | 24 | | 0 | 0 | 0 |
| 58 | | 46 | 7 | | 51 | 5 | | 54 | 57 | | 57 | 44 | | 59 | 25 | | 0 | 0 | 0 |
| 59 | | 46 | 13 | | 51 | 9 | | 55 | 1 | | 57 | 46 | | 59 | 26 | | 0 | 0 | 0 |
| 60 | | 46 | 18 | | 51 | 14 | | 55 | 4 | | 57 | 48 | | 59 | 27 | | 0 | 0 | 0 |

FINIS

Sin⁹ tot⁹ 90 gra.

graduũ.