

# Tab. 1.

| Diff.<br>Tab. |       | +     |        | -       |       | +       |        | -     |          | +      |       | - |  |
|---------------|-------|-------|--------|---------|-------|---------|--------|-------|----------|--------|-------|---|--|
| S. G.         | L. C. |       |        |         |       |         |        |       |          |        |       |   |  |
| 0             | 0     | 0.00. | 4      | III. 0. | 3.00. | 3       | VI. 0. | 0.00. | 4        | IX. 0. | 3.00. | 3 |  |
| 5             | 0.04  | 18    | 5      | 2.97.   | 4     | 5       | 0.04.  | 8     | 5        | 2.97.  | 4     |   |  |
| 10            | 0.12. | 16    | 10     | 2.92.   | 7     | 10      | 0.12.  | 16    | 10       | 2.92.  | 7     |   |  |
| 15            | 0.24. | 18    | 15     | 2.86.   | 12    | 15      | 0.24.  | 18    | 15       | 2.86.  | 12    |   |  |
| 20            | 0.46  | 28    | 20     | 2.74.   | 14    | 20      | 0.46.  | 23    | 20       | 2.74.  | 14    |   |  |
| 25            | 0.69. | 26    | 25     | 2.60.   | 18    | 25      | 0.69.  | 26    | 25       | 2.60.  | 18    |   |  |
| I. 0          | 0.95. | 30    | IV. 0. | 2.42    | 20    | VI. 0   | 0.95.  | 30    | X. 0     | 2.42   | 20    |   |  |
| 5             | 1.25. | 26    | 5      | 2.22.   | 23    | 5       | 1.25.  | 26    | 5        | 2.22.  | 23    |   |  |
| 10            | 1.51. | 24    | 10     | 1.99.   | 24    | 10      | 1.51.  | 24    | 10       | 1.99.  | 24    |   |  |
| 15            | 1.75. | 24    | 15     | 1.75.   | 24    | 15      | 1.75.  | 24    | 15       | 1.75.  | 24    |   |  |
| 20            | 1.99. | 28    | 20     | 1.51.   | 26    | 20      | 1.99.  | 23    | 20       | 1.51.  | 26    |   |  |
| 25            | 2.22. | 20    | 25     | 1.25.   | 30    | 25      | 2.22.  | 20    | 25       | 1.25.  | 30    |   |  |
| II. 0.        | 2.42  | 18    | V. 0.  | 0.95.   | 26    | VIII. 0 | 2.42   | 18    | XI. 0.   | 0.95.  | 26    |   |  |
| 5             | 2.60. | 14    | 5      | 0.69.   | 23    | 5       | 2.60   | 14    | 5        | 0.69.  | 23    |   |  |
| 10            | 2.74. | 12    | 10     | 0.46.   | 18    | 10      | 2.74.  | 12    | 10       | 0.46.  | 18.   |   |  |
| 15            | 2.86. | 7     | 15     | 0.24.   | 16    | 15      | 2.86.  | 7     | 15       | 0.24.  | 16    |   |  |
| 20            | 2.92. | 4     | 20     | 0.12.   | 8     | 20      | 2.92.  | 4     | 20       | 0.12.  | 8     |   |  |
| 25            | 2.97. | 3.    | 25     | 0.04.   | 4     | 25      | 2.97.  | 3.    | 25       | 0.04.  | 4.    |   |  |
| III. 0.       | 3.00  |       | VI. 0. | 0.00.   |       | IX. 0   | 3.00.  |       | XIII. 0. | 0.00.  |       |   |  |

a' Longitudinis vera o Subtra lund 0.



# Tabula I. Nonilunior et Plenilunior medior.

| Diff. a 0 |       | Add. |  | Diff. a 0 |       | Add. |  | Diff. a 0 |       | Add. |  | Diff. a 0 |       | Add. |  |
|-----------|-------|------|--|-----------|-------|------|--|-----------|-------|------|--|-----------|-------|------|--|
| Gradus    | L. C. |      |  | Gradus    | L. C. |      |  | Gradus    | L. C. |      |  | Gradus    | L. C. |      |  |
| 0         | 0.00  |      |  | 90        | 0.00  |      |  | 180       | 0.00  |      |  | 270       | 0.00  |      |  |
| 5         | 2.97  | 3    |  | 95        | 0.04  | 4    |  | 185       | 2.97  | 3    |  | 275       | 0.04  | 4    |  |
| 10        | 2.93  | 4    |  | 100       | 0.12  | 8    |  | 190       | 2.93  | 4    |  | 280       | 0.12  | 8    |  |
| 15        | 2.86  | 7    |  | 105       | 0.28  | 16   |  | 195       | 2.86  | 7    |  | 285       | 0.28  | 16   |  |
| 20        | 2.74  | 12   |  | 110       | 0.46  | 18   |  | 200       | 2.74  | 12   |  | 290       | 0.46  | 18   |  |
| 25        | 2.60  | 14   |  | 115       | 0.69  | 23   |  | 205       | 2.60  | 14   |  | 295       | 0.69  | 23   |  |
| 30        | 2.42  | 18   |  | 120       | 0.95  | 26   |  | 210       | 2.42  | 18   |  | 300       | 0.95  | 26   |  |
| 35        | 2.22  | 20   |  | 125       | 1.25  | 30   |  | 215       | 2.22  | 20   |  | 305       | 1.25  | 30   |  |
| 40        | 1.99  | 23   |  | 130       | 1.54  | 26   |  | 220       | 1.99  | 23   |  | 310       | 1.54  | 26   |  |
| 45        | 1.75  | 24   |  | 135       | 1.75  | 24   |  | 225       | 1.75  | 24   |  | 315       | 1.75  | 24   |  |
| 50        | 1.51  | 24   |  | 140       | 1.99  | 24   |  | 230       | 1.51  | 24   |  | 320       | 1.99  | 24   |  |
| 55        | 1.25  | 26   |  | 145       | 2.22  | 25   |  | 235       | 1.25  | 26   |  | 325       | 2.22  | 25   |  |
| 60        | 0.95  | 30   |  | 150       | 2.42  | 20   |  | 240       | 0.95  | 30   |  | 330       | 2.42  | 20   |  |
| 65        | 0.69  | 26   |  | 155       | 2.60  | 18   |  | 245       | 0.69  | 26   |  | 335       | 2.60  | 18   |  |
| 70        | 0.46  | 23   |  | 160       | 2.74  | 14   |  | 250       | 0.46  | 23   |  | 340       | 2.74  | 14   |  |
| 75        | 0.28  | 18   |  | 165       | 2.86  | 12   |  | 255       | 0.28  | 18   |  | 345       | 2.86  | 12   |  |
| 80        | 0.12  | 16   |  | 170       | 2.93  | 7    |  | 260       | 0.12  | 16   |  | 350       | 2.93  | 7    |  |
| 85        | 0.04  | 8    |  | 175       | 2.97  | 4    |  | 265       | 0.04  | 8    |  | 355       | 2.97  | 4    |  |
| 90        | 0.00  | 4    |  | 180       | 0.00  | 3    |  | 270       | 0.00  | 4    |  | 360       | 0.00  | 3    |  |

Hæc valet.







Tabula II.  
 Diffantia D ab Apogeo  
 hve Anomalat D.

| Anoma-<br>lia<br>media<br>D. re | Subtra-<br>he. | Pro-<br>malia<br>media<br>D. re | Pro-<br>malia<br>media<br>D. re | Pro-<br>malia<br>media<br>D. re | Pro-<br>malia<br>media<br>D. re | Pro-<br>malia<br>media<br>D. re | Pro-<br>malia<br>media<br>D. re |
|---------------------------------|----------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| S. G.                           | L. C.          | S. G.                           | L. C.                           | S. G.                           | L. C.                           | S. G.                           | L. C.                           |
| O. 0                            | 3.00           | III. 0.                         | 0.00                            | VI. 0                           | 3.00                            | IX. 0                           | 0.00                            |
| 5                               | 2.97           | 5                               | 0.04                            | 5                               | 2.94                            | 5                               | 0.04                            |
| 10                              | 2.93           | 10                              | 0.12                            | 10                              | 2.93                            | 10                              | 0.12                            |
| 15                              | 2.86           | 15                              | 0.28                            | 15                              | 2.86.                           | 15                              | 0.28                            |
| 20                              | 2.74           | 20                              | 0.46                            | 20                              | 2.74                            | 20                              | 0.46.                           |
| 25                              | 2.60           | 25                              | 0.69.                           | 25                              | 2.60                            | 25                              | 0.69.                           |
| I. 0.                           | 2.42           | IV. 0.                          | 0.95                            | VII. 0.                         | 2.42                            | X. 0.                           | 0.95                            |
| 5                               | 2.22           | 5                               | 1.25.                           | 5                               | 2.22                            | 5                               | 1.25.                           |
| 10                              | 1.99           | 10                              | 1.54.                           | 10                              | 1.99                            | 10                              | 1.54                            |
| 15                              | 1.75.          | 15                              | 1.75.                           | 15                              | 1.75.                           | 15                              | 1.75                            |
| 20                              | 1.51.          | 20                              | 1.99                            | 20                              | 1.51.                           | 20                              | 1.99                            |
| 25                              | 1.25.          | 25                              | 2.22.                           | 25                              | 1.25.                           | 25                              | 2.22                            |
| II. 0.                          | 0.95.          | V. 0                            | 2.42                            | VIII. 0                         | 0.95                            | XI. 0                           | 2.42                            |
| 5                               | 0.69.          | 5                               | 2.60                            | 5                               | 0.69.                           | 5                               | 2.60                            |
| 10                              | 0.46.          | 10                              | 2.74                            | 10                              | 0.46.                           | 10                              | 2.74                            |
| 15                              | 0.28.          | 15                              | 2.86.                           | 15                              | 0.28.                           | 15                              | 2.86.                           |
| 20                              | 0.12           | 20                              | 2.93                            | 20                              | 0.12                            | 20                              | 2.93                            |
| 25                              | 0.04.          | 25                              | 2.94.                           | 25                              | 0.04                            | 25                              | 2.94.                           |
| III. 0.                         | 0.00           | VI. 0.                          | 3.00                            | IX. 0.                          | 0.00                            | XII. 0.                         | 0.00.                           |



Arvus  
Seclmaho  
nis pnt  
exptus.

Distancia 2 a 0

Tabula III.  
Distancia 2 a

|    | O    | 0    | 0.10 | 0.20 | I. 0. | I. 10. | I. 20. | II. 0. | II. 10. | II. 20. | III. 0. | III. 10. | III. 20. | IV. 0. |
|----|------|------|------|------|-------|--------|--------|--------|---------|---------|---------|----------|----------|--------|
| 0  | 0.00 | 0.44 | 0.88 | 1.32 | 1.76  | 2.20   | 2.64   | 3.08   | 3.52    | 4.00    | 3.52    | 3.10     | 2.64     |        |
| 5  | 0.20 | 0.56 | 0.92 | 1.24 | 1.62  | 1.94   | 2.30   | 2.64   | 3.03    | 3.40    | 3.03    | 2.64     | 2.33     |        |
| 10 | 0.40 | 0.68 | 0.96 | 1.22 | 1.48  | 1.68   | 1.95   | 2.24   | 2.54    | 2.80    | 2.54    | 2.24     | 1.95     |        |
| 15 | 0.60 | 0.80 | 0.99 | 1.14 | 1.34  | 1.42   | 1.60   | 1.81   | 1.99    | 2.20    | 1.99    | 1.81     | 1.60     |        |
| 20 | 0.80 | 0.92 | 1.02 | 1.12 | 1.20  | 1.16   | 1.25   | 1.38   | 1.48    | 1.60    | 1.48    | 1.38     | 1.25     |        |
| 25 | 1.00 | 1.04 | 1.05 | 1.04 | 1.06  | 0.90   | 0.90   | 0.95   | 0.95    | 1.00    | 0.95    | 0.95     | 0.90     |        |
| 30 | 1.20 | 1.16 | 1.08 | 1.02 | 0.92  | 0.64   | 0.56   | 0.52   | 0.44    | 0.40    | 0.44    | 0.52     | 0.56     |        |
| 35 | 1.40 | 1.24 | 1.11 | 0.94 | 0.79  | 0.38   | 0.22   | 0.09   | 0.07    | 0.10    | 0.07    | 0.09     | 0.22     |        |
| 40 | 1.60 | 1.38 | 1.14 | 0.92 | 0.66  | 0.12   | 0.12   | 0.04   | 0.58    | 0.80    | 0.58    | 0.34     | 0.12     |        |
| 45 | 1.80 | 1.49 | 1.14 | 0.86 | 0.53  | 0.14   | 0.46   | 0.44   | 1.09    | 1.40    | 1.09    | 0.74     | 0.46     |        |
| 50 | 2.00 | 1.60 | 1.20 | 0.80 | 0.40  | 0.40   | 0.80   | 1.20   | 1.60    | 2.00    | 1.60    | 1.20     | 0.80     |        |

XXII 20 XI 10 XI 0 XI 20 X 10 X 0 X 20 IX 10 IX 20 VIII 10 VIII 0 VII

Tabula IV.

Distancia 2 ab Apogeo hui Anomalia media 0.00

|    | O    | 0    | 0.10 | 0.20 | I. 0. | I. 10. | I. 20. | II. 0. | II. 10. | II. 20. | III. 0. | III. 10. | III. 20. | IV. 0. |
|----|------|------|------|------|-------|--------|--------|--------|---------|---------|---------|----------|----------|--------|
| 0  | 2.00 | 1.80 | 1.60 | 1.40 | 1.20  | 1.00   | 0.80   | 0.60   | 0.40    | 0.20    | 0.44    | 0.88     | 1.32     |        |
| 5  | 2.20 | 1.94 | 1.75 | 1.52 | 1.30  | 1.04   | 0.85   | 0.62   | 0.40    | 0.20    | 0.44    | 0.85     | 1.2      |        |
| 10 | 2.40 | 2.14 | 1.90 | 1.64 | 1.40  | 1.14   | 0.90   | 0.64   | 0.40    | 0.20    | 0.43    | 0.82     | 1.1      |        |
| 15 | 2.60 | 2.31 | 2.05 | 1.76 | 1.50  | 1.21   | 0.95   | 0.69   | 0.41    | 0.20    | 0.43    | 0.79     | 1.1      |        |
| 20 | 2.80 | 2.48 | 2.20 | 1.88 | 1.60  | 1.28   | 1.00   | 0.70   | 0.42    | 0.20    | 0.42    | 0.76     | 1.       |        |
| 25 | 3.00 | 2.65 | 2.35 | 2.06 | 1.70  | 1.35   | 1.05   | 0.70   | 0.42    | 0.20    | 0.42    | 0.73     | 1.       |        |
| 30 | 3.20 | 2.83 | 2.50 | 2.23 | 1.80  | 1.42   | 1.10   | 0.76   | 0.42    | 0.20    | 0.42    | 0.70     | 1.       |        |
| 35 | 3.40 | 3.01 | 2.65 | 2.36 | 1.90  | 1.49   | 1.14   | 0.79   | 0.43    | 0.20    | 0.41    | 0.64     | 0.       |        |
| 40 | 3.60 | 3.19 | 2.80 | 2.39 | 2.00  | 1.56   | 1.20   | 0.82   | 0.43    | 0.20    | 0.41    | 0.64     | 0.       |        |
| 45 | 3.80 | 3.37 | 2.95 | 2.42 | 2.10  | 1.63   | 1.23   | 0.85   | 0.44    | 0.20    | 0.40    | 0.62     | 0.       |        |
| 50 | 4.00 | 3.55 | 3.10 | 2.65 | 2.20  | 1.76   | 1.32   | 0.88   | 0.44    | 0.20    | 0.40    | 0.60     | 0        |        |

0. XII 20 XI 10 XI 0 XI 20 X 10 X 0 X 20 IX 10 IX 0 IX 20 VIII 10 VIII 0 VII

Arvus Serb.  
in brontes



Fabula III.

Kristiania Lund à Lule

[illegible]



Tabula V.

| IV. 10 | IV. 20 | V. 0  | V. 10 | V. 20 | VI. 0 |     |
|--------|--------|-------|-------|-------|-------|-----|
| 2.20   | 1.76.  | 1.32  | 0.88  | 0.44  | 0.00  | 50. |
| 1.94.  | 1.62   | 1.24  | 0.92  | 0.56. | 0.20  | 45  |
| 1.68   | 1.48   | 1.22  | 0.96  | 0.68. | 0.40  | 40  |
| 1.42   | 1.34   | 1.14. | 0.99  | 0.80  | 0.60  | 35  |
| 1.16.  | 1.20   | 1.12  | 1.02  | 0.92  | 0.80  | 30  |
| 0.90   | 1.06.  | 1.04  | 1.05  | 1.04  | 1.00  | 25  |
| 0.64   | 0.92   | 1.02  | 1.08. | 1.16. | 1.20  | 20  |
| 0.38   | 0.79   | 0.97  | 1.11. | 1.27. | 1.40  | 15  |
| 0.12   | 0.66.  | 0.92  | 1.14  | 1.38. | 1.60  | 10  |
| 0.14   | 0.53   | 0.86. | 1.17. | 1.49  | 1.80. | 5   |
| 0.40   | 0.40   | 0.80  | 1.20  | 1.60  | 2.00  | 0   |

| 20 VII    | 10 VII | 0. VII | 20 VI | 10 VI | 0 VI |
|-----------|--------|--------|-------|-------|------|
| <u>13</u> |        |        |       |       |      |

| IV. 10   | IV. 20 | V. 0   | V. 10 | V. 20 | VI. 0 |     |
|----------|--------|--------|-------|-------|-------|-----|
| 2.1.76   | 2.26   | 2.65   | 3.10  | 3.55  | 4.00  | 50. |
| 3.1.66.  | 2.10.  | 2.52.  | 2.95. | 3.34. | 3.80. | 45  |
| 4.1.56.  | 2.00   | 2.39.  | 2.80. | 3.19. | 3.60  | 40  |
| 5.1.49   | 1.90   | 2.26.  | 2.65. | 3.04. | 3.40  | 35  |
| 6.1.42   | 1.80   | 2.13.  | 2.50. | 2.88. | 3.20  | 30  |
| 7.1.35.  | 1.70   | 2.00   | 2.35. | 2.65. | 3.00  | 25  |
| 8.1.28.  | 1.60   | 1.88.  | 2.20  | 2.48. | 2.80  | 20  |
| 9.1.21.  | 1.50   | 1.76.  | 2.05  | 2.31. | 2.60  | 15  |
| 10.1.14. | 1.40   | 1.64.  | 1.90  | 2.14. | 2.40  | 10  |
| 11.107.  | 1.30   | 1.52   | 1.75. | 1.97. | 2.20  | 5   |
| 12.100   | 1.20   | 1.40   | 1.60  | 1.80  | 2.00. | 0   |
| 20 VII   | 10 VII | 0. VII | 20 VI | 10 VI | 0 VI  |     |

Arg.  
Jelm.  
Dne. Li. Bos. +  
Ruff. -

|    |       |
|----|-------|
| 9. | 0.00  |
| 1  | 0.11. |
| 2  | 0.22  |
| 3  | 0.33  |
| 4  | 0.44  |
| 5  | 0.55  |
| 6  | 0.66. |
| 7  | 0.77. |
| 8  | 0.88  |
| 9  | 0.99. |
| 10 | 1.10  |
| 11 | 1.21. |

|    |       |
|----|-------|
| 12 | 1.32  |
| 13 | 1.43  |
| 14 | 1.54  |
| 15 | 1.66  |
| 16 | 1.78  |
| 17 | 1.90  |
| 18 | 2.02  |
| 19 | 2.14  |
| 20 | 2.26  |
| 21 | 2.38  |
| 22 | 2.50  |
| 23 | 2.62  |
| 24 | 2.74  |
| 25 | 2.86  |
| 26 | 3.00. |