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# ASTRONOMIAE REFORMATÆ

## TOMVS II.

CVIVS PARS PRIOR PRÆCEPTA PRO VSV TABVLARVM.

Posterior Tabulas ipsas Astronomicas CII.

Noualmagesticas continet.

*AVCTORE*

P. IOANNE BAPTISTA RICCIOLO

SOCIETATIS IESV.

FERRARIENSI.

BONONIÆ, MDCLXV.

Ex Typographia Hæredis Victorij Benatij.

*SVPERIORVM PERMISSV.*

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PRÆ-

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# PRÆCEPTA
# Pro vſu Tabularum Aſtronomicarum,

## Quæ in hoc Volumine continentur.

Præceptum 1. *De Aſſis partibus applicatis Circulo, & Tempori.*

Pag. 1. SI penes Auctorem aliquem, pars aliquota Circuli, aut Gradûs, aut Diei, aut Horæ per partes Aſſis, ſeu Libræ exprimatur; eius ſignificationem, ac valorem Docet Tabella 1.

*Exempli gratia:* Dodrans Libræ valet 9. Vncias; Dodrans Circuli valet gradûs 270. Dodrans Gradûs valet minuta 45′. Dodrans Diei valet horas 18. &c.

Præceptum 2. *De Reſolutione in Scrupula Scrupulorum.*

Pag. 1. In Tabella 2. habes; tam Horam, quam Gradum, aut Circulum reſolutum in Scrupula Scrupulorum facta reſolutione vſq; ad Decima Scrupula.

*Exemplum*, ſi reſoluenda ſit hora in Scrupula *Sexta*, habes in Tabellæ 2. parte priori è regione numeratoris *Sexta* 46656000000. & ſic de cæteris.

Præcept. 3. *Datas Horas, Horarumq; Scrupula, conuertere in Scrupula Diei.*

Pag. 1. Quoniam Dies apud quoſdam Aſtronomos, non in horas ſolùm 24. ſed non rarò in 60. prima ſcrupula diuiditur, & hæc in 60. ſecunda, &c. ideò in Tabella 3. quære ſub ſuis Titulis in Columna ſiniſtima Horas datas, earumq; ſcrupula; nam è regione illarum procedendo verſùs dexteram, reperies ſub ſuis in fronte titulis ſcrupula Diei congruentia horis, ac ſcrupulis horarum datis.

*Exemplum*, dentur Horæ 5. & ſcrupula horæ æqualis 25. *Primò* in ſiniſtima columna inuenies horas 5. & è regione illarum ſub frontis primæ titulis, qui *horis* reſpondent, inuenies prima diei ſcrupula 12′. & ſecunda 30″. *Deinde* pro ſcrupulis horæ 25. ſub ſecunda frontis parte, quæ Primis horæ Scrupulis, ſeu Minutis reſpondet, inuenies Diei Scrupulum 1. Secund. 2″. & Tertia 30‴. Componendo ergo omnia ſimul Horæ 5. æquales cum 25′. Minutis, æquiualent Diei vnius Scrupulis primis 13′. 32″. 30‴.

Præcept. 4. *Data Diei Scrupula. Conuertere in horas æquales, horaq; Scrupula.*

Pag. 1. Per Tabulam 4. id præſtabis, quærendo omnia ſub congruis titulis frontis, & componendo numeros inuentos.

*Exemplum.* Dentur Diei Scrupula 25. prima, & 20. ſecunda: nam è regione 25. columnæ ſiniſtimæ inuenies ſub horarum titulo Horas 10. & è regione 20″. ſecundorum ſub ſecunda parte frontis, ſcrupula 8. quæ Diei ſcrupula 25′. & 20″. ſecunda valent Horas æquales 10. & Minuta Horaria 8.

Præcept. 5. *Quotus ſit cuiuſq; Menſis Iuliani dies datus ab initio Anni numeratus.*

Pag. 2. In Tabulæ 5. ſecunda Columna, ſi Annus eſt Communis, ſed in primâ, ſi eſt Biſſextilis, quære diei datæ numerum, & è regione ipſius dextrorſum, ſub Menſe dato, inuenies numerum dierum Anni.

*Exemplum.* Detur Aprilis Dies 26. Anni Communis 1650. nam numero 26. ſecundæ Columnæ ſub Aprili in fronte notato, reſpondet Anni dies 116. At ſi Annus eſſet Biſſextilis, puta 1652. tunc numero 26. in prima Columna quæſito, reſponderet ſub April. Anni dies 117.

Præcept. 6. *Dato Numero Dierum Anni Iuliani, inuenire cuius Menſis, & quotus dies illius ſit.*

In Tabulæ 5. Areis quære numerum dierum Anni, & in fronte illius columnæ videbis Menſem, è regione autem eiuſdem numeri, in columnâ ſiniſtrarum ſecundâ, ſi Annus eſt Communis, ſed prima, ſi Biſſextilis; inuenies numerum diei Menſis optatum: Si tamen numerus datus ſit in fine columnæ, & iterum in principio ſequentis, & Annus ſit Biſſextilis; debet ille numerus vſurpari, qui eſt in fine columnæ. Pag. 2.

*Exemplum.* Eſto Annus Communis 1650. & dies Anni 116. hunc in 6. columna ſub Aprili videbis, & è regione ipſius in ſecunda columna diem 26. At ſi eſſet Annus Biſſextilis; puta 1652. numero 116. in prima columna reſponderet dies 25. Aprilis.

*Exemplum alterum.* Detur Anno Biſſextili dies 121. hunc enim numerum videbis tam in fine columnę ſextę, quàm in principio ſeptimæ; ſed vti debes columna 6. ipſiq; ſub Aprili è regione ſub prima columna reſpondebit dies 30. Aprilis.

Præcept. 7. *Quotus ſit cuiuſq; Menſis Aegyptij dies datus, ſi ab initio Anni ſit computandus.*

Annus Ægyptius conſtat Menſibus 12. quorum quilibet eſt dierum 30. abſolutis autem diebus 360. adijciunt extra ordinem dies quinq; quos vocant Intercalares, & Græcè ἐπαγόμενας, abſq; alia quatuor quadrantum diei intercalatione. Igitur in Tabella 6. primâ à ſiniſtris columnâ, quære diei datæ numerum; etenim verſùs dextram ſub Menſe nominato habebis numerum collectum dierum ab initio Anni numeratorum. Pag. 2.

*Exemplum* 1. Detur dies 23. Menſis Athyr, inuenies Anni diem 83.

*Exemplum* 2. Detur dies 3. intercalarium, ſeu Epagomenarum, nam diei 3. primæ columnæ reſpondet in vltima columna ſub titulo *Epagomenæ* Anni dies 363.

Præcept. 8. *Dato numero Dierum Anni Aegyptij; reperire, cuius Menſis dies ſit, & Quotus?*

In eadem Tabula 6. Quære arealiter datum dierum numerum, illi enim reſpondet in Titulo quidem frontis, Menſis optatus, in prima autem columna dies Menſis illius. Pag. 2.

*Exemplum.* Dato numero dierum 83. quia hic eſt in quarta columna, illi in fronte congruit Menſis *Athyr*, & in prima columna dies 23. eiuſdem Menſis.



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Præceptum 9. *Dato die Anni Iuliani, quo incœpit Annus Aegyptius, inuestigare quinam dies Anni Iuliani conueniat, cuiusq; Mensis Aegyptij diei data.*

Primam diem mensis *Thoth*, Astronomi ineunt à meridie. *Primò* igitur datum diem Iulianum, quo incœpit prima dies *Thoth* reduc per Præcept. 5. ad Anni diem. *Secundò* diem Mensis Ægyptij datum reduc per 7. præceptum ad Anni Ægyptij diem, & hunc numerum adde numero dierum Anni Iuliani; & summam conflatam ex his (si non excedat dies 365. Anni Iuliani communis, aut 366. Bissextilis) vnitate abiecta quære in areis
Pag. 2. Tabulæ sextæ: illi enim in fronte Tabulæ respondet Iuliani Anni Mensis, & è regione in primâ columnâ, si Annus est Bissextilis; in secunda, si communis, dies Mensis Iuliani optatus.

*Exemplum primum*. Incœperit Annus Ægyptius die 20. Februarij Anni Iuliani communis, idest per præceptum 5. Anni Iuliani die 51. detur autem Anni Ægyptij dies 23. Mensis Athyr, qui per exemplum 1. præcept. 7. est Anni Ægyptij dies 83. additis enim simul 51. & 83. fit summa dierum 134. à qua abiecta vnitate, restat
Pag. 2. 133. huic autem in Tabulæ 6. areis, respondet in fronte *Maius*, & è regione in 2. columna dies 13. Maij; ergo illo Anno dies 23. Athyr, concurrit cum 13. Maij.

*Exemplum* 2. Inceperit Annus Ægyptius die 20. Martij Anni Iuliani Bissextilis, idest per præceptum 5. anni illius die 80. deturq; anni Ægyptij dies 23. mensis Athyr, quæ ex 7. præcepto est dies 83. anni Ægyptij; additis enim simul 80. & 83. fit summa 163. cui deme vnitatem,
Pag. 2. & restat 162. huic autem in Tabulæ 6. columna 8. respondet Mensis Iunius, & sinistrorsum in prima columna, quia annus est Bissextilis, respondet dies 10. igitur tali Anno dies 23. Athyr concurrit cum die 10. Iunij, incipitq; in eiusdem meridie. Quòd si summa dierum vtriusq; anni excedat dies 365. anni communis, intra quem incœpit annus Ægyptius, vel dies 366. si ille annus fuit Bissextilis, ijs reiectis, & præter eos vnitate, cum residuo quære per præceptum 6. diem, ac mensem Anni Iuliani communis, aut Bissextilis, prout annus subsequens eum, in quo Ægyptius incœpit, fuit communis, aut Bissextilis.

*Exemplum*. Annus Ægyptius incœpit die 25. Nouembris Anni Bissextilis Iuliani Epochæ Christi 1084;
Pag. 2. hoc est per 5. præceptum die anni 330. & datus sit dies Athyr 23. qui vt supra diximus per 7. præceptum, est dies 83. anni Ægyptij. Additis enim simul 330. & 83. fit summa dierum 413. superans dies 366. anni Bissextilis, subductis igitur 366. à 413. restant 47. cui adime
Pag. 2. vnitatem, & residuum 46. per 6. præceptum in Tab. 6. inuenies in columna 4. supraq; illum mensem Februarium, & è regione illius in columna 2. (quando quidem annus subsequens 1085. est communis) inuenies diem 15. Februarij, quapropter dies 23. Athyr incepit die 15. Februarij Anni Christi 1085.

Præcept. 10. *Aequatoris partes in Horas Primi Mobilis, Horarumq; scrupula conuertere, & vicissim tales Horas in partes Aequatoris.*

Pag. 3. Huic præcepto seruit Tabula 7. & 8. satisq; est inspicere titulos in fronte illarum congruentes Gradibus, aut Tempori dato eorumq; scrupulis, nam sub illis titulis procedendo dextrorsum è regione numeri dati inuenietur, quod quæritur vno, aut pluribus ingressibus, prout opus erit.

*Exemplum* 1. Dentur Æquatoris Gradus 25. & minuta 35. ac secunda 15. *Primò* enim in Tabulæ 8. prima columna habes 25. & è regione ipsius in secunda, & tertia, sub suprema fronte quæ gradibus respondet, habes horas 1. & 40'. *Deinde* in 4. columna sunt 35. minuta, quibus in quinta, & sexta, sed sub secunda frontis serie respondente minutis habes 2'. & 20''. *Tandem* in prima columna sunt 15'. quibus in secunda, & tertia, sed sub infima frontis serie secundis respondente habes 1''. summa igitur sic erit colligenda.

| *Aequatoris* | | *Horæ* | *I* | *II* |
|---|---|---|---|---|
| Grad. | 25 | 1 | 40 | 0 |
| Minut. | 35 | | 2 | 20 |
| Secund. | 15 | | | 1 |
| Summa | | 1 | 42' | 21'' |

*Exemplum* 2. Dentur vicissim de Primo Mobili Hora 1. 42'. 21''. Ex Tabula enim 7. colliges summam Partium Æquatoris hoc modo. Pag. 3.

| *Primi Mobil.* | | *Grad.* | *I* | *II* |
|---|---|---|---|---|
| Hora | 1 | 15 | 0 | 0 |
| Min. | 42 | 10 | 30 | 0 |
| Sec. | 21 | 0 | 5 | 15 |
| Summa | | 25 | 35 | 15 |

Præcept. 11. *Tempus Diei Solaris in partes Aequatoris, & vicissim has in Tempus diei Solaris conuertere.*

Quoniam Dies, quem nobis Sol sua reuolutione diurna facit, est aliquanto longior, die illo, quem facit Primum Mobile, seu (quod insensibili differentia idem est) quem facit vna quælibet Stella Fixa diurna sui reuolutione, ab eodem ad eundem Meridianum, aut Horizontem, eo quod interim Sol percurrat medio motu in Ecliptica vnum ferè gradum Orientem versùs, quo fit vt antequam Sol reuoluatur ad eundem Meridianum, vel Horizontem, præter gradus 360. Æquatoris, adhuc ferè vnus gradus debeat pertransire, idcirco si opus sit hac subtilitate, conuertendæ sunt horæ diei Solaris in partes Æquatoris per Tabulam 7. vel partes Æquatoris in Horas Solares per Tab. 8. sed adhibita Æquatione in Tabulis illis adiecta pro Diei Solaris Horis, ac Scrupulis. Pag. 3.

*Exemplum* 1. Præcepti 10. in quo Gradibus Æquatoris 25. 35'. 15''. repertæ sunt conuenire Horæ 1. 42'. 21''. primi Mobilis correctio, seu Æquatio subtrahenda sic.

| | | *II* | *III* |
|---|---|---|---|
| Æquator. *Gradus* | 25 | 16 | 0 |
| *Minut.* | 35 | 1 | 0 |
| *Sec.* | 15 | 0 | 59 |
| *Summa* | | 17 | 59 |
| *Ergo dictis Aequatoris Partibus conuenisunt de Die Solari tantum* | | Hor. 1. 42'. 3''. 1'''. | |

*Exemplum* 2. Præcepti eiusdem 10. in quo Horæ 1. 42'. 21''. Primi Mobilis congruunt Æquatoris Grad. 25. 35'. 15''. Æquatio pro Horis Diei Solaris.

| Addenda hæc erit | | *I* | *II* | *III* | *IV* |
|---|---|---|---|---|---|
| *Hora* 1. *Solaris* | | 2 | 28 | 0 | 0 |
| *Minut.* | 42 | 1 | 44 | 0 | 0 |
| *Sec.* | 21 | 0 | 0 | 0 | 52 |
| Summa add. | | 4 | 12 | 0 | 52 |

Ergo Diei Solaris Horæ 1. 42'. 21''. conueniunt de Æquatore Gr. 25. 39'. 27''. 0'''. 52^v.

Præcept. 12. *Horas Aequales vnius speciei, seu denominationis, conuertere in Horas Aequales diuersæ speciei, data semidiurna, aut seminocturna quantitate.*

Recurre ad Tabulam 9. & omnia exequere, vt in ea præcipiuntur. Pag. 4.

*Exemplum*. Esto semidiurnum Tempus Horarum æqua-

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æqualium 7. & 30'. & data sit Hora Astronomica à Meridie computata 5. 30'. illaq; sit conuertenda in Horam Solis Italicam. Subtracto enim ab horis 24. idest ab horis 23. 60'. semidiurno tempore restant horæ 16. 30'. quibus nimirum Italicè contingit Meridies; his si addas horas Astronom. 5. 30'. fit hora Italica 22. sed Solis, vbi enim Horologia Ciuilia cõtinuant diem per semihoram, tunc non pulsabunt nisi horam 21 ½.

Præcept. 13. *Data quantitate Diei Artificialis, Horas Temporales, earumq; scrupula conuertere in Horas æquales, & horum scrupula.*

Artificialem diem Voco Moram Solis supra Horizontem. Qui apud Hebræos olim, ac Romanos multasq; nationes diuidebatur in 12. Horas æquales quidem inter se eiusdem diei, sed minimè æquales horis aliorum dierum, quare resoluendo diem quemlibet in secunda scrupula 43200. vt illi faciebant vsurpabis eum pro Diuisore. Resolue deinde tam Diem Artificialem, quam horas datas Temporales in horaria scrupula secunda; & vtramq; summam inuicem multiplica: summa enim hinc facta, & diuisa per 43200''. dabit secunda Horarum Æqualium, ex quibus deinde per sexagenariam partitionem colliges horas ipsas, & residua scrupula.

*Exemplum*. Esto dies Artificialis Horarum 15. 30'. hoc est secundorum 55800''. & dentur Horæ Temporales 4. 20'. hoc est suorum secundorum 15600''. ductis enim his per 55800. fit summa 870480000. qua diuisa per 43200. restant secunda 20150''. & his diuisis per 60. restant 335'. minuta, & 50''. demum diuisis 335'. per 60. restant horæ æquales 5. cum 35'. & præterea prædictis 50''. quibus æquiualent Temporales Horæ 4. & 20'. Alterò modo expeditur hoc præceptum per Tabulam 10. in qua datæ quantitati diei Artificialis in prioribus columnis respondet in posterioribus Duodecima pars, idest vnius horæ Temporalis quantitas, quæ toties sumpta, quot fuerint datæ horæ Temporales, conflabit iustam summam Horarum æqualium. Quod si horis Temporalibus adhæreant aliquot scrupula, quærenda est proportionalis partis duodecimæ. Hæc autem pars duodecima addenda est horis integris Temporalibus supra iam repertis. *Pag. 4.*

*Exemplum*. Sit Diei Artificialis quantitas horarum æqualium, vt in primo Exemplo 15. & 30'. & datæ sint horæ temporales 4. 20'. *Primò* in quinta parte Tabulæ, cui in fine subscripta est littera E, è regione horarum 15. & 30'. datur earum duodecima, nempe Hora 1. 17'. 30''. quæ quater sumpta facit Horas 5. 10'. *Deinde* quia 20'. minuta sunt pars tertia, seu triens, si Horæ 1. 17'. 30''. sumatur pars tertia, nempe 25'. 50''. & addatur Horis 5. 10'. conflantur Horæ æquales 5. 35'. 50''. æquiualentes temporalibus horis 4. 20'.

Præcept. 14. *De inuentione Semidiurni, ac Seminocturni Temporis, data Poli Altitudine, & loco Solis in Eclipticâ.*

Clarum est ex Semidiurno Tempore Horis 11. & 60'. subtracto relinqui Seminocturnum; & ex Seminocturno subtracto item horis 11. & 60'. haberi Semidiurnum, & hoc duplicato haberi Diurnum, &c.

Porrò Semidiurnum, vel Seminocturnum tempus acquiritur multis modis, sed duobus expeditissimè.

*Primus* est per Tabulam 11. in cuius extremis columellis sinistris sunt signa loci Solis cum Ternis Gradibus per descensum numerandis; in dextris autem sunt signa cum Gradibus per ascensum numerandis, & è regione eorum sub data Poli Altitudine Boreali, reperitur tempus semidiurnum, si Sol est in sex signis Borealibus; seminocturnum autem, si in Australibus. At si locus Terræ est vltra Æquatorem, seu si Altitudo Poli est Australis; tempus inuentum erit seminocturnum in signis Borealibus, semidiurnum in Australibus. Vbi autem Tabula vacua est, signum est semidiem excedere horas 12. *Pag. 5.*

*Exemplum*. Pro Altitudine Poli Graduum 44. Sole versante in Tauri gr. 18. Reperto enim in sinistra columella ♉ grad. 18. & inde dextrorsum procedendo reperies sub Poli Altitud. 44. Horas 7. 10'. hoc igitur est semidiurnum tempus Borealibus, sed seminocturnum Australibus populis. *Pag. 5.*

At si Sol sit in gradu 12. Aquarij, qui notantur in dextro margine, respondet his sub Poli Altit. 44. Tempus horarum item 7. 10'. quod est seminocturnum Australibus populis, sed Borealibus semidiurnum.

## II. MODVS.

Aliter sic. Dato loco Solis, quære in Tabula 26. ipsius Declinationem, cum qua in margine sinistro Tabulæ sub Altitudine Poli in fronte notata; vel cum prędicta Declinatione in fronte, & cum Poli Altitudine in latere sinistro, quære *Differentiam Ascensionalem*. Hanc autem adde gradibus 90. si Sol est in signis Borealibus, & Polus item Conspicuus Borealis, vel deme si est in Australibus, & habebis Arcum Semidiurnum, qui postmodum per præceptum 10. aut 11. conuertendus erit in Horas, & Scrupula, vel Primi Mobilis, vel Solares. *Pag. 19.* *Pag. 21.*

*Exemplum*. Sole vt supra existente in Tauri gradu 18. eius Declinatio per Tabulam nostram 26. est grad. 17. 14'. 29''. cum qua sub Altitudine Poli grad. 44. datur Differentia Ascensionalis grad. 17. 26'. 10''. quæ addita gradibus 90. efficit Arcum Semidiurnum nobis Borealibus Graduum 107. 26'. 10''. His autem in Tabula 7. per præceptum 10. congruit tempus semidiurnum Primi Mobilis accuratissimè Horarum 7. 9'. 44''. 40'''. *Pag. 19.* *Pag. 26.* *Pag. 7.*

Præcept. 15. *Quo recurrendum sit quando Tabula 11. in areis vacat à numeris.*

In hoc casu dies excedit Horas 24. tunc autem vix Astronomo vsu venit, vt indigeat semidiurno, aut Nocturno tempore, pro calculo secundorum Mobilium. Ideo Lectorem ablegamus ad nostri Primi Mobilis, vel ad Geographiæ nostræ Reformatæ Problemata. Si tamen saltem scire cupis diem longissimum in Zonis frigidis, consule Tabellam in Calce Tabulæ 11. adiectam pag. 7. *Pag. 7.*

Præcept. 16. *Tempus Apparens in Medium, seu Aequale conuertere, & vicissim Aequale in Apparens, & quando altero ex his opus sit.*

Tabulæ Nostræ Astronomicæ Mediorum motuum Radices habent accommodatas Meridiei, & quidem diei vltimæ Decembris, supponendo Dies naturales horarum 24. esse inter se æquales, & hoc supposito, exempli gratia dicimus Solem vno die conficere in Ecliptica Gradus 0. 59'. 8''. 20'''. duobus autem diebus Grad. 1. 58'. 16''. 40'''. At reuera Dies sunt inæquales, duas ob causas. Prior est obliquitas Eclipticæ, ob quam æqualibus Eclipticæ arcubus, respondent inæquales arcus Æquatoris, qui est mensura Temporis; Posterior est Excentricitas Solis, vnde oritur Anomalia, seu irregularitas motus Solaris, quæ maneret, etiam si Sol incederet per Æquatorem. Hinc fit vt si ex Tabulis Astronomicis Luni Solaribus (in reliquis enim ferè negligitur) prædicendum sit, vel colligendum aliquod Phænomenon præteritum, vel futurum, vt illud satisfaciat Tempori Apparenti, quod à nobis obseruabile est, oporteat conuertere tempus Æquale calculi peracti in apparens. Vice autem versa quando datur tempus Apparens, quo aliquod Phęnomenon obseruatum fuit, & illud examinandum est per Tabulas Astronomicas, opus est prius Tempus datum Apparens conuertere in Æquale. Et vtraq; Æquatio vocatur Æquatio Dierum Naturalium, seu Ciuilium.

Id verò fit per duas nostras Tabulas 12. & 13. Prior quidem est perpetua, & constat duabus Tabellis; vna est constructa ex priore causa, nempe ex Obliquitate Eclipticæ, quæ nobis est grad. 23. 30'. 20''. Altera constructa est ex Anomalia Solis æquata, quam supponimus ibi fundatam in Solis excentricitate constanti. Itaque in superiore Tabellæ 12. parte, cum signo Solis in fronte, eiusq; gradibus in sinistro latere descendendo; vel cum signo in calce, & gradibus in dextro latere ascen- *Pag. 8.*



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dendo, reperitur in communi concursu Æquationis pars prior, & potior addenda, vel subtrahenda tempori dato, prout indicant Tituli in fronte, vel in calce eiusdem Tabellæ 12. parte inferiori quæruntur Anomaliæ Solaris ex Ephemeride, aut aliunde notæ signa in fronte cum gradibus à sinistris, vel in calce, cum gradibus à dextris, & in communi concursu habetur pars altera Æquationis adiectiua, vel subtractiua, prout eiusdem Tabellæ tituli indicant. Ex his autem duabus componitur absoluta Æquatio temporis, aggregando eas, si vtraq; sit adiectiua, vel vtraq; subtractiua; at si diuersæ sint affectionis, minor de maiori subtracta relinquet Æquationem illius speciei, cuius fuit Aequationis pars maior.

*Exemplum.* Detur Tempus Apparens post Meridiem Horarum 5. & 20'. quod in Æquale sit commutandum Sole versante in Gradu Tauri 16. & Anomaliæ signa 9. completa, graduſq; 8. obtinente. *Primò* itaq; in Tabulæ 12. superiori parte sub ♉ signo, & è regione Gradûs 16. sinistri marginis, datur Aequatio 9'. 55''. 45'''. *subtrahenda* tempori apparenti. *Deinde* in eiusdem Tabulæ inferiori parte, & in columna signorum IX. ascendendo per latus dextrum ad gradum 8. inuenitur è regione ipsius Æquatio 4'. 3'', *Addenda*, vt indicat titulus signo IX. appositus. Quoniam ergo sunt diuersæ affectionis, si Aequationem adiectiuam 4'. 3''. subtrahas subtractiuę 9'. 55''. 45'''. restabit absoluta, & correcta Aequatio 5'. 52''. 45'''. subtrahenda datis hor. 5. & 20'. vt restet Tempus Medium, seu Aequale hor. 5. 14'. 7''. 15'''. Pag. 8.

*Aliter per Tabellam Temporariam.*

Si Solis Apogeum esset immobile, vt putauit Ptolemæus, nec pedetentim migraret in alia signa; potuisset ex duabus Tabellis Tabulæ 12. confici vnica Tabella Aequationis Dierum Naturalium perpetuò duratura. At quia Solis Apogeum alijs, atq; alijs sæculis promouetur ad alia signa, vel eiusdem signi alios gradus, non potest per vnicam Tabulam satisfieri omnibus sæculis, sed vni tantum, aut alteri. Construximus itaq; duas Tabellas militantes sub 13. Tabula; quarum superior seruit exactè Anno Christi 1504. quo Solis Apogeum ex mea sententia fuit in Cancri gradu 6. sed quæ absq; errore considerabili seruit præcedenti sæculo, & subsequenti, idest ab Anno 1404. ad 1604. Inferior autem seruit exactè Anno Christi 1736. quando Solis Apogeum erit in Cancri grad. 10. sed & hæc, absq; errore curabili, seruit ab Anno 1636. ad Annum circiter 1836. vtraq; autem simul per partem proportionalem seruit fere exactè omnibus Annis inter Annos 1504. & 1736. comprehensis, sitq; in vtramuis ingressus cum signo Solis in fronte, & cum gradu signi in sinistro latere inquisito, in communi enim concursu habetur Aequatio absoluta Addenda Tempori Apparenti, vel subtrahenda, prout tituli in fronte indicant, quibus contrarium faciendum est, si Aequale tempus sit commutandum in Apparens. Pag. 8.

*Exemplum.* Sit Anno Christi 1650. Sole existente in Tauri grad. 16. conuertendum Tempus Apparens Horarum 5. 20'. in Aequale. *Primò* enim in superiori Tabulæ 13. parte seruiente Anno 1504. sub ♉, & è regione grad. 16. reperitur Aequatio *subtrahenda* 6'. 48''. *Deinde* in inferiori parte, quæ seruit Anno 1736. sub eodem signo, & è regione eiusdem gradus 16. habetur Aequatio subtrahenda 3'. 5''. Quorum Aequationum Differentia est 3'. 43''. hoc est resolutim secundorum 223''. inter Annos autem 1504. & 1736. differentia tota est Annorum 232. at ab Anno 1504. ad 1650. sunt Anni 146. Dic ergo si Annis 232. Aequatio decrescit secundis 223''. vtiq; Annis 146. decrescet 146''. idest minut. 2'. & secundis 26''. quibus subtractis priori Aequationi 6'. 48''. restat Aequatio correcta 5'. 31''. Quæ subtracta Horis 5. 20'. relinquit tempus Aequale Horar. 5. 14'. 29''. exactior tamen est prior modus in secundis scrupulis. Pag. 8.

Præcept. 17. *De Tempore Aequando propter Distantiam Meridianorum.*

Quoniam Obseruationes nostræ Astronomicæ peractæ sunt à Nobis sub Meridiano inclytæ Ciuitatis Bononiæ, partim in S. Petronij Templo Augustissimo, partim, & plerumq; in nostro Obseruatorio Collegij S. Luciæ Soc. Iesu, idcirco oportuit Nos Tabulas Nostras affigere Meridiei huius Meridiani Bononiensis: Iam verò, vt Tempus huius Meridiani aptari possit aliorum locorum Meridianis, scire oportet Distantiam eorum, seu Differentiam Longitudinis Geographicæ, & vtrum sint Orientaliores, an Occidentaliores Bononiâ Italicâ. In hunc finem in Nostræ *Geographiæ Reformatæ* Libro 8. conquisitis vndiq; Eclipsibus, & Itinerarijs, inquisiuimus plurimorum locorum differentiam Longitudinis, sicut ex Obseruationibus, & interuallis locorum libro 7. inquisiuimus Altitudines Poli, vt querelis antiquis, ac nouis Astronomorum, & Geographorum super hoc satisfaceremus, & innumerabiles errores ex Chartis Geographicis, & Hydrographicis, quantum nobis, Deo dante licuit, expungeremus. Libro autem 9. Catalogum locorum plurimorum construximus, cum Longitudine ab Insula Palma, & Altitudine Poli. Inde igitur decerpsimus Catalogum, seu Tabulam 14. pauciorum locorum in qua statim habetur Differentia Temporis *Addenda*, vel *Subtrahenda* Tempori Meridiani Bononiensis; contrarium tamen faciendum est, si tempus datum sub alijs Meridianis, traducendum sit ad Tempus congruens Meridiano Bononiensi. Pag. 9.

*Exemplum.* Sit futurum Eclipsis Lunaris initium Horâ 10. 20'. post Meridiem *Bononiæ* quæretur autem quota tunc futura sit Hora, Horæue momentum *Goæ* in India Orientali, vel *Limæ* in America Australi? Iam in Catalogo nostro *Goæ* adscripta est Differentia Temporis Hor. 4. 18'. *Addenda*, & *Limæ* Hor. 6. 10'. 40''. *Subtrahenda*. Ergo initium Eclipsis erit *Goæ* post Meridiem Hora 14. 38'. at *Limæ* Hor. 4. 9'. 20''. Contra verò si initium Eclipsis huius fuisset supputatum hora 10. 20'. vel *Goæ*, vel *Limæ* Differentia Temporis adscripta *Goæ*, esset Subtrahenda; adscripta verò *Limæ* Addenda, essetq; in priori casu Tempus illud Bononiæ post merid. hor. 6 ½, in posteriori autem hora 16. 30'. 40''. Pag. 9.

Præcept. 18. *Annos Bissextiles in forma Anni Iuliani ante, & post Epocham Christi reperire.*

Pro Annis *ante Epocham Christi* consule Tabulam 15. in qua prior, seu sinistima columna monstrat Annos, cuiusuis sæculi antecedentis Christum expansos, sed Bissextiles; secunda autem, tertia, & quarta columna centesimos primos, aut Millesimos primos, vel Millesimos centesimos primos, qui sunt Bissextiles. Sic *exempli* gratia Bissextiles esse debuerunt in forma quidem Iuliana retrousurpata Annus ante Christum 1. & 5. & 9. &c. item Annus 101. & 201. &c. item 2701. 2801. itemq; 5301. & 5401. &c. Præter hos autem omnium sæculorum ante Christum Anni illi expansi sunt Bissextiles, qui in prima columna sunt Bissextiles. *Exempli* gratia Annus ante Christum 325. fuit Bissextilis, quia 25. in prima columna est Bissextilis. Reliqui Anni intermedij, & non adnotati sunt Communes, vt Annus ante Christum 4. 8. 12. 104. 108. 112. &c. Pag. 14.

Pro Annis autem *Epochæ Christi*, consule Tabulam 16. in cuius columna prima sunt Bissextiles Anni, cuiusq; sæculi post Christum, in 2. autem, & 3. Anni centesimi, millesimi, &c. Bissextiles. Sic *exempli* gratia Bissextiles sunt in hac forma Annus 4. & 8. & 12. &c. item 100. & 200. &c. item 1700. 1800. 1900. &c. Et componendo expansos cum centesimis, aut millesimis Bissextiles sunt 104. 108. item 204. 208. item 1004. 1008. &c. reliqui intermedij non notati, sunt communes. Pag. 14.

Præcept. 19. *In forma Anni Gregoriani discernere Annos centesimos, aut Millesimos, qui non debent esse Bissextiles, & excessum, quo numerus dierum Gregorianorum superat numerum dierum Iulianorum.*

In forma Anni Gregoriani quartus quisq; Annorum expansorum est Bissextilis, & his seruit columna prima Tabulæ 15. At inter Annos centesimos, ac Millesimos illi solum sunt Bissextiles, quorum duæ priores notæ numera-

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merales reperiuntur inter Annos expansos Bissextiles, seu quartus quisq; centesimorum ab Anno 1600. exclusiuè sumpto numeratus; reliqui debent esse communes, intermissa intercalatione, quæ in Anno Iuliano fieri deberet, prout clarius apparet in Tabula 17. in qua littera C. *Communes*, & B. *Bissextiles* indicat. Porrò ab Anno Christi 1582. dieq; Octobris 5. qui Gregorianam formam amplexi sunt, idest maxima pars Orbis Christiani, numerant dies 10. amplius quàm qui inconsulta obstinatione retinent formam Anni Iuliani, & idem Dies, *Exempli gratia* 24. Decembris apud Gregorianos, non est nisi 14. Decembris apud Iulianos; & ita eueniet vsq; ad Annum 1700. diemq; 24. Februarij Iulianum; die enim sequenti, qui Gregoriano stylo erit 7. Martij, Iuliano erit 24. posterior Februarij, in forma enim Iuliana pronunciabitur *Bis sexto Kalendas Martij*, ita fiet vt Gregoriana computatio excedat Iulianam diebus 11. & sic vsq; ad anni 1800. Februarium, diemq; 24. Februarij Iulianam, seu 6. Martij Gregorianam, statim enim die sequenti Gregoriana computatio excedet Iulianam diebus 12. & diem 7. Martij denominabit illam, quæ Iuliano stylo erit Februarij 24. posterior. Idcirco ad hos excessus indicandos, in Tabellæ 20. tertia columella, & sexta, dies excessus adnotauimus, Pag. 14.

Præcept. 20. *Cyclum Solis in gratiam Feriæ inuestigandæ perquirere ante, & post Epocham Christi.*

*Cyclus Solis* est periodus annorum 28. productus ex ductu dierum 7. hebdomadæ per 4. eo quod quarto quoq; anno, qui est Bissextilis, duplicetur littera Dominicalis, & sic vigesimo octauo quoq; Anno littera Dominicalis recurrat in eandem feriam. Quia verò feria 1. est Soli dicata, & Dominicæ resurrectionis, ideo Cyclus hic dicitur *Solis*, & littera Feriam 1. indicans, dicitur *Dominicalis* Græcè Κυριακὴ. Quomodo autem Græci Patres Ferias nominarint habes in fronte Tabulę 19. vbi, & Characteres Planetarum, quibus Astrologi Ferias adscripserunt. Cyclum porrò Solis pro annis Epochę Christi inuenturus adde his annos 9. & à summa aufer numerum proximè minorem, in Tabula 18. repertum. Residuum enim erit Cyclus Solis, at, si nihil remaneat, erit Cyclus ipse completus 28. Pag. 14. Pag. 14.

*Exemplum*. Annus Christi datus sit 1660. additis 9. fit summa 1669. numerus Cyclorum Solis in Tabula 18. proximè minor est 1652. quo ablato in dictâ summâ, restat Cyclus Solis 17. qui nimirum competit Anno Christi 1669. Pag. 14.

*Aliter absq; Tabula.*

Annis Christi adde 9. summam diuide per 28. quod restat fractionis in quotiente est Cyclus Solis, si nil restet est 28. si summa prædicta sit minor quam 28. ipsa erit Cyclus Solis.

*Pro Annis ante Christum currentibus.*

Quære in Tabula 18. numerum proximè maiorem Annis ante Christum currentibus, & illi adde 10. deinde à summa detrahe Annos datos ante Christum currentes, & à residuo, si non est minus quam 28. aufer Cyclum Solis proximè minorem in Tabula 18. repertum; nam quod restat est Cyclus Solis, & si nil restet, Cyclus Solis erit ipse 28. si residuum illud prius fuit minus quam 28. ipsum residuum est Cyclus Solis. Pag. 14.

*Exemplum* 1. Annus ante Christum datus sit 36. numerus proximè hoc maior in 18. Tabula est 56. qui decade auctus, fit 66. huic deme 36. restat 30. & huic residuo deme Cyclum Solis proximè minorem, qui est 28. restat numerus 2. is igitur est Solis Cyclus conueniens Anno 36. ante Christum. Pag. 14.

*Aliter absq; Tabula.*

Annis ante Christum datis adde 18. & summam diuide per 28. nam si nihil supersit, Cyclus, quæsitus erit ipse 28. si autem residuum quid sit, ipsum subtrahe numero 28. & quod restat erit Cyclus Solis; at si additis 18. ad annos ante Christum conflatur numerus minor quam 28. ipsum conflatum subtrahe numero 28. & habebis Cyclum Solis optatum.

*Exemplum* 1. Detur annus currens ante Christum 3993. additis 18. fiunt 4011. quibus diuisis per 28. restant 143 $\frac{7}{28}$. demptis igitur 7. à 28. restat Cyclus Solis 21. qui conuenit Anno 3993.

*Exemplum* 2. Detur Annus ante Christum currens 10. additis 18. fit 28. qui nec diuidi potest per 28. nec ipsi auferri ergo Anno 10. Cyclus Solis erat ipse 28.

*Exemplum* 3. Detur Annus ante Christum 11. additis 18. fiunt 29. quibus diuisis per 28. restat quotiens 1. quo ablato ipsi 28. restat Cyclus Solis 27. conueniens Anno 11. ante Christum.

Præcept. 21. *Feriam Diei dati in Anno Iuliano inquirere beneficio Cycli Solis.*

*Primò* aduerte Cyclum Solis, qui adhibetur in vsu Tabulæ 22. Hebdomadicæ, non inchoari à Kalendis Ianuarij, vt fit in alijs computis; sed vel à sexto Kalendas Martij, in quo fit intercalatio, vel à Kalendis ipsius Martij: ita vt Ianuarius, ac Februarius habeantur pro appendice Anni antecedentis, more Anni Romulei à Numa constituti.

*Secundò*. Si dies Mensis datus anno illo, pro quo Cyclum Solis iam didicisti, non spectat ad *Ianuarium*, vel *Februarium*, sed ad reliquos Menses, quære in areis Tabulæ 19. Cyclum Solis, & nota in fronte Tabulę numerum ferialem Cyclo Solis suprapositum: Quære item in fronte eiusdem Tabulæ Ferialem numerum Mensi dato suprapositum; summam verò vtriusq; numeri ferialis adde Mensis diebus datis, & à summa aufer omnes septenarios, seu eam diuide per 7. residuum enim dabit feriam optatam; at si nil restet erit feria 7. seu Sabbatum. Pag. 14.

At si dies datus est dies *Ianuarij*, aut *Februarij* vtere Cyclo Anni antecedentis, idest Cyclo, qui per vnitatem minor sit Cyclo anni propositi, & reliqua fac vt supra.

*Exemplum* 1. Detur Anno Christi 1660. (cui per exemplum 1. Præcepti 22. conuenit Solis Cyclus 17.) dies 25. Martij: *Primò* enim numero 17. in Tabula 19. suprapositа est Feria 4. & mensi Martio Feria 7. summa itaq; Feriarum est 11. quæ addita diebus 25. facit summam 36. & hæc diuisa per 7. relinquit 1. igitur Anno 1660. dies 25. Martij cadit in feriam 1. idest diem Dominicam, in forma Anni veteris Iuliani; At Gregoriano stylo erit ille dies 4. Aprilis concurrens cum Dominica. Quando autem stylo Iuliano dies 25. Martij erit Dominica, stylo Gregoriano erit feria quinta. Pag. 14.

Hinc disces ad habendas Ferias Anni Gregoriani detrahendos esse datis diebus Gregorianis dies quibus per Tabulam 17. Gregoriana numeratio superat Iulianam, & dein de vtendum præcepto hoc 23.

*Exemplum* 2. Detur eodem Anno 1660. cui conuenit Solis Cyclus 17. dies 25. Ianuarij, tunc vtendum Cyclo Solis antecedentis Anni, idest Cyclo 16. cui suprapositur in Tabula 19. Feria 2. & mensi Ianuario Feria 5. aggregatum Feriarum est 7. quod additum diebus 25. facit summam 32. & hæc diuisa per 7. relinquit feriam 4. conuenientem illo Anno diei 25. Ianuarij in forma *Iuliana*.

At in forma Gregoriana, detractis diebus 10. restant 15. qui additi aggregato feriarum 7. faciunt 22. & his diuisis per 7. restat feria 1. Ergo dies 25. Ianuarij Anno 1650. cadet in feriam 1. Gregoriano stylo, idest in diem Dominicam.

Præcept. 22. *Feriam inuestigare in Anno Arabico Hegira, per Cyclum Arabicum.*

Quod in Anno Iuliano præstat Cyclus Solis 28. hoc præstat Arabibus Cyclus Annorum 210. qui ab ipso primo Anno Hegiræ, seu Epochæ Arabum Mahometicè incipit; huius autem Cycli continuè aggregati summas posuimus in Tabulæ 20. extremo dextrorsum laterculo. Constat autem Cyclus ille 210. Hebdomadibus 30. idcirco post supremam frontem Tabulæ 20. in qua sunt numeri Pag. 14.

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numeri Feriarum; positi sunt numeri completorum Cyclorum ex 30. consurgentium, quales sunt in secunda, & tertia serie 30. 60. 90. 120. 150. 180. ordine retrogrado. Reliqui numeri in areis eiusdem Tabulæ sunt Cycli currentes vnius anni vsq; ad 30. currentem adhuc. Adiectaq; sunt suis locis nomina mensium Arabicorum. Ideòq; triplici plerumq; ingressu Tabulæ huius venari oportet Feriam.

*Primò* itaq; Annis Hegiræ datis, subtrahe numerum
Pag. 14. proximè minorem in latere dextro Cyclorum Arabicorum repertum: Residuo si non est minus quàm 30. subtrahe numerum proximè minorem in secunda, aut tertia serie Tabulæ repertum, & tam cum numero in ea serie reperto, quàm cum residuo post eius subtractionem, quære in fronte Tabulę gemino ingressu, Ferias demum cum mense Arabico dato, quære feriam superpositam ipsi in fronte Tabulę; nam si aggregatum omnium feriarum addas diebus Mensis datis, & summam diuidas per 7. restabit feria optata.

Quòd si subtracto Cyclo Arabico proximè minori ab Annis Hegiræ, supersint Tricenarij integri, absq; additamento, puta 30. aut 60. aut 90. aut 120. aut 150. aut 180. cum his quære feriam in fronte, & cum mense feriam alteram; si non sunt integri, vtere pro his cyphra 0. summam duarum feriarum adde diebus mensis, & diuide hoc aggregatum per 7. restabit enim feria optata, vel si nil restet, erit feria 7. seu Sabbatum. Contra si primum residuum minus est 30. illo vtere, & Mense ad Ferias, vt supra indagandas.

*Exemplum.* Amurath secundus Imperator Turcarum obijt Anno Hegiræ 855. die 1. *Muharram* quæritur quota fuerit eo die Feria?

Pag. 14. In Tabulæ 23. latere dextro numerus Arabicorum Cyclorum proximè minor numero 855. est 840. qui annis illis subductus relinquit 15. cum quo quia minor est numerus tricenario, in area Tabulæ 20. inuestigato, supra illum habetur feria 3. supra Mensem autem Muharram feria 7. aggregatum Feriarum, quod est 10. additum diei 1. mensis facit 11. & hic numerus diuisus per 7. relinquit 4. Ergo illa dies incidit in Feriam 4.

Præcept 23. *De vsu Tabulæ 21. Annorum scilicet collectorum, ac Mensium diuersorum.*

Vsu venit aliquando scire quot dies in vnam summam colligant Anni completi, vel eorum Menses completi.
Pag. 15. In hunc finem in Tab. 21. habes in sinistra parte Annos Iulianos, & Ægyptios, cum Persicis, & Lunares Arabicos aggregatos, vna cum diebus cuilibet aggregato conuenientibus, qui dies totidem cyphris augendi sunt, quot cyphris aucti fuerint ipsi Anni.

*Exempli gratia* Anni 4. Iuliani, quorum quartus est Bissextilis, colligunt Dies 1461. sed si Anni sint 40. colligunt Dies 14610. si verò Anni sint 400. colligunt Dies 146100. & sic de similibus.

Mensium autem Tabellæ continent tum summas dierum Mensibus completis respondentes, tum initia Mensium exoticorum in Anno Iuliano, aut concursum cum Iulianis mensibus maiori ex parte. De quibus plura in nostra Chronologia Reformata, & quædam alia infra, dum de conuersione Epocharum, dicenda sunt.

Præcept. 24. *Datos Annos ante, vel post Epocham Christi, conuertere in Annos* Periodi Iulianæ.

Pag. 16. Periodus Iuliana vnde composita sit dixi in Tab. 22. Iam si Annus ante Christi Epocham sit 4714. est ipsummet initium *Periodi Iulianæ*, si plures, frustra fit inquisitio; si pauciores subtrahe illos ab Annis 4714. restabit enim Annus Periodi Iulianæ.

*Exemplum.* Annus ante Christum datus sit 776. quo instauratæ sunt Olympiades, is subductus Annis 4714. relinquit Iulianæ Periodi Annum 3938. Annos autem Christianę Epochæ datos adde Annis 4713. & si summa non excedat 7980. habebis Annos primæ Periodi Iulianæ; si excedat, abijce quoties poteris annos 7980. residuum erit Annus Iulianæ periodi secundæ si semel, vel tertiæ si bis abiecisti annos 7980.

*Exemplum.* Detur Annus Christi 238. quem Censorinus consignauit Epochis insignioribus. Adde his 4713. fit ille Annus Periodi Iulianæ 4951. Detur iam Christi Annus 3340. his si addas 4713. fiunt 8053. quibus subtracta integra Periodus Iuliana Annorum 7980. restant secundæ Periodi Annus 73.

Præcept. 25. *Datos Annos datæ* Periodi Iulianæ, *conuertere in Annos ante Christum, si non excedant* 4713. *vel in Christi Annos, si excedant* 4713.

Si non excedant 4713. subtrahe illos ab Annis 4714. relinquentur Anni ante Christum concurrentes cum Annis Periodi Iulianæ.

*Exemplum*, 3938. Periodi Iulianæ detractus Annis 4714. relinquit annum ante Epocham Christi 776. nempe primum Olympiadum.

Si dati anni excedant 4713. subtrahe datis 4713. & residuum erit Annus Christi optatus, dummodo Periodus sit prima; nam si sit secunda Periodus, quæ incipiet Anno Christi 3268. adde datis Annos 7980. & summæ detrahe 4713. restabit Annus Christi optatus.

*Exempl.* Detur Periodi primæ Iulianæ Annus 6295. huic si demas 4713. restat Christi Annus 1582. nempe Gregorianæ correctionis Kalendarij.

Præcept. 26. *Mundi Epocham secundùm Græcos PP. Ecclesiæ Constantinopolitanæ conuertere in Annos ante, vel post Christum.*

Si Annus datus Mundi non excedat 5509. subtrahe datum ab Annis 5510. restabitq; annus ante Christi Epocham, & si excedat 5509. Erunt Anni Epochæ Christi quærendi, quos habebis subtrahendo datis, Annos 5509.

Præcept. 27. *Datos Annos ante, vel post Christum, vertere in* Annos Mundi *secundum Patres Græcos.*

Si datos Annos ante Christum subtrahas Annis 5510. restabit quod cupis, contra si datis Christi Annis addas 5509. habebis Annos Mundi secundùm Græcam computationem PP. Constantinopolitanorum.

Præcept. 28. *Datum Annum cuiusq;* Olympiadis *conuertere in Annum ante, vel post Christum, quo Annus Olympiadicus incœpit à Nouilunio propiore Solstitio æstiuo.*

Quando Scriptores dicunt aliquid factum esse Olympiade aliquota, non addendo eius Annum, intelligendi sunt de Olympiade inchoata, eiusq; anno primo, non autem de Olympiade completa. *Primò* itaq, Olympiades, sed completas duc per 4. & producto adde reliquos annos item completos Olympiadis incompletæ, habebis enim annos Olympiadicos plenos, qui si non excedant Annos 775. subtracti ab Annis 776. relinquent Annum ante Epocham Christi, in cuius æstate incœpit Olympiadis datæ annus propositus. At si excedant 775. subtrahe illis 775. & habebis Annum Christi, in cuius æstate incœpit Olympiadis datæ annus propositus.

*Exemplum primum.* Detur Olympiadis 6. annus 3. currens, quia completæ Olympiades sunt 5. & hæ ductę per 4. faciunt 20. adiectisq; annis plenis 2. fiant Olympiadici anni 22. completi, si hos subtrahas annis 776. relinquitur Annus ante Christi Epocham 754. in cuius æstate incœpit Olympiadis 6. annus 3. qui proinde completus fuit in æstate anni 753. ante Christum.

*Exemplum* 2. Detur Olympiadis 195. annus 1. currens. Quoniam integræ Olympiade sunt 194. absq; alio insuper anno completo, ducantur per 4. & fient Olympiadici completi 776. his subtrahe 775. restat annus 1. Epochæ Christi, in cuius æstate incœpit annus 1. Olympiadis 195.

Præcept. 29. *Annos ante, & post Christum conuertere in Annos Olympiadum.*

Si datus Annus ante Christi Epocham est 776. is est pri-

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primus primæ Olympiadis annus incœptus à Neomenia propiore Solstitij æstiui illiusmet anni; at si minor est quàm 776. subtrahe illum annis 776. & residuum diuide per 4. nam si quotiens integrum sit, absq; fractione habebis numerum Olympiadis completæ in æstate illius anni à qua incœpit primus annus Olympiadis sequentis. At si quotiens sit fractio, aut adiunctam habeat fractionem, numerator fractionis vnitate auctus, dabit annum ineuntem illius Olympiadis, quam integrum quotiens vnitate item auctum indicat.

*Exemplum* 1. Detur Annus ante Christum 770. his subductus Annis 776. relinquit 6. quibus diuisis per 4. Quotiens est 1 $\frac{3}{4}$. adde igitur vnitatem, tam quotienti integro, quàm numeratori fractionis qui est 2. & fiet 2 $\frac{3}{4}$. Ergo in æstate anni ante Christum 770. incœpit Olympiadis 2. Annus 3. atq; adeo ille annus à Calendis Ianuarij vsq; ad Nouilunium proximum Solstitio æstiuo, currebat cum anno 2. Olympiadis 2.

*Exemplum* 2. Esto Annus ante Christum 4. is subductus annis 776. relinquit 772. quibus diuisis per 4. restat 193. numerus Olympiadis illo anno completæ quare post neomeniam Solstitij æstiui Anno ante Christum 4. incœpit primus Annus Olympiadis 194.

### *De Annis post Christum natum.*

Annis 776. adde datos Christi annos currentes, & summam diuide per 4. si quotienti nulla fractio adhæret; ipsum quotiens indicat Olympiadem illam, cuius quartus annus incipiet in æstate Anni Christi dati, atq; adeò Olympiadem complendam in æstate anni sequentis. At si quotiens habeat fractionem; adde quotientis vnitatem, & habebis Olympiadem, cuius ille annus incipit, quem indicat numerator fractionis; incipit, inquam, in æstate dati Anni Christi.

*Exemplum* 1. Esto Annus Christi currens 4. hic additus annis 776. facit 780. quibus per 4. diuisis, restat Olympias 195. absq; fragmento. Ergo in æstate Anni Christi 4. incœpit quartus annus Olympiadis 195. & illa completa fuit in æstate Anni Christi 5.

*Exemplum* 2. Detur Annus Christi 7. hic adiunctus annis 776. facit 183. quibus per 4. diuisis, restant 195 $\frac{3}{4}$. aucto igitur 195. per vnitatem fit Olympias 196. cuius annus 3. incœpit æstate Anni Christi 7.

### Præcept. 30. *Vrbis Romæ Conditæ Annos datos, vertere in Annos ante, vel post Christi.*

Annus Epochæ Vrbis est 755. ante Christum, is iuxta Varronis computationem incœpit die 21. Aprilis, anni primi Epochæ Christi. Si minor est quam 754. subtrahe illum annis 754. restabit annus ante Christum, cuius die 21. Aprilis, incœpit datus Vrbis annus. At si Vrbis annus excedit 754. subtrahe illi 753. tantum, & restabit annus Christi in cuius diei 21. Aprilis incœpit datus Vrbis annus, ideoq; initium illius Anni Christi, concurrebat cum Vrbis anno præcedenti.

*Exemplum* 1. Detur Vrbis Annus 709. qui scilicet fuit primus Iulianorum à Iulio Cæsare ordinatorum; hic subtractus annis 754. relinquit Annum 45. ante Christum, cuius 21. Aprilis cœpit annus Vrbis 709. cum antea concurreret cum 708. Rursùs detur 1. Annus Vrbis, is subtractus ipsi 754. relinquit annum 753. ante Christum in quo Palilibus, seu 21. Aprilis condita fuit Roma.

*Exemplum* 2. Detur Vrbis Annus 1553. huic si demas 753. restat Christi Annus 800. in cuius 21. Aprilis cœpit Vrbis annus 1553. At Kalendis Ianuarij annus 800. (quo scilicet imperare cœpit Carolus Magnus) concurrebat cum Vrbis anno 1552.

### Præcept. 31. *Annos ante, vel post Christi Epocham, vertere in Annos* Vrbis *condita.*

Si Annus ante Christum non excedit 753. subtrahe illum Annis 754. & habebis Vrbis Annum ineuntem 21. Aprilis eiusdem anni.

Annum verò Christi datum adde Annis 753. & habebis Vrbis Annum, illo anno Christi à die 21. Aprilis ineuntem.

*Exemplum* 1. Annus ante Christum 747. in quò inijt Nabonassari Epocha, subtractus Annis 754. relinquit Vrbis annum 7. qui incœpit 21. Aprilis anni 747. quare cum Nabonassari æra cœperit ab illius anni 26. Februarij, eius initium incidit in Vrbis annum 6. adhuc labentem.

*Exemplum* 2. Anno Christi 238. adde 753. fit Vrbis annus 991. qui, assertore quoq; Censorino, inuit à Palilibus, seu 21. Aprilis eiusdem Anni.

### Præcept. 32. *Nabonassari Annos datos redigere ad Annos ante, vel post Epocham Christi.*

Inspice priùs Tabulam 23. si forte in illa reperias è regione anni Nabonassari, annum ante, vel post Christum, nam simul disces diem Mensis Iuliani, aut Gregoriani, quo Nabonassareus ille annus incipit. Alioquin annum Nabonassari subtrahe proximè maiori in eadem Tabula reperto; residuum adde Annis ante Christum respondentibus prædicto proximè maiori Nabonassari, & habebis annum ante Christum, in quo datus Nabonassari annus incipit. At si è regione numeri anno Nabonassareo proximè maioris, sint Anni Christi, his subtrahe residuum relictum post subtractionem anni dati Nabonassari à proximè maiori, & remanebit Annus Christi, in quò incœpit datus annus Nabonassari. Reserua tamen in vtroq; casu *Residuum* prædictum pro praxi præcepti 35. mox tradendi. *Pag. 18.*

*Exemplum* 1. Detur Annus Nabonassari 720. hic subtractus anno 744. qui in Tab. 23. est illo proximè maior, relinquit *Residuum* 24. quod additum anno ante Christum 5. vt pote respondenti anno 744. facit 29. annum ante Christum, in quo incœpit annus Nabonassari 720.

*Exemplum* 2. Esto Nabonassari annus 1460. hic subtractus proximè maiori, qui in Tab. 26. est 1464. relinquit *Residuum* 4. quod subtrahe Christi anno 716. è regione anni 1464. posito; & restat Christi annus 12. in quo incœpit Nabonassari annus 1460. *Pag. 18.*

### Præcept. 33. *Dati Anni Nabonassari Initium in Anno Iuliano, aut Gregoriano inuenire.*

*Primò* per Præceptum 32. inquire Annum, vel Christi, vel ante Christum, in quo incœpit Nabonassari annus propositus, & *Residuum* in ea praxi adhibitum diuide per 4. deinde quotientem, si ei adhæreat fractio, auge vnitate, & sic auctum adde diei Iuliano, aut Gregoriano, in quo incipit Toth Nabonassarei anni proximè maioris anno dato Nabonassareo. Habebis enim diem Mensis Iuliani, aut Gregoriani, in quo incipit datus annus Nabonassareus. Post annum autem Christi 1582. eiusq; diem 4. Octobris, sufficit reperire initium in Iuliano, & scire quotus sit ille dies in Gregoriano per Præceptũ 19.

*Exemplum* 1. In præcedente Præcepto Anno Nabonassari dato 720. proximè maior in Tabula 23. est 744. cui respondet initium Toth Augusti 24. *Residuum* autem ibi adhibitum fuit 24. quo diuiso per 4. quotiens est 6. quia ergo caret fractione, ipsum, vt iacet, adde diei 24. Augusti, & prouenit Augusti dies 30. in cuius Meridiem cadit principium mensis Thoth anni Nabonassarei 720. & ante Christum 29. *Pag. 18.*

*Exemplum* 2. in præcepto præcedenti. Datus fuit Nabonass. Annus 1460. at proximè maiori 1464. initium Thoth ex Tab. 23. fuit Februarij 25. *Residuum* adhibitum fuit 4. quo diuiso per 4. quotiens est 1. absq; fragmento. Ergo addita vnitate diei 25. cadit initium Thoth Anno 1460. in 26. Februarij Anni Christi 12. *Pag. 18.*

### Præcept. 34. *Dato Nabonassari Anno, Mense, ac Die, in quem Mensem Anni ante Christum, vel post, Mensisq; Iuliani diem cadat dies Anni Aegyptij.*

*Primò* quære per præceptum 32. Annum ante, vel post Christum, & per Præceptum 35. Diem Iuliani Mensis, in quo incipit Nabonassari annus datus, & per præceptum 20. aut 21. præcognosce, an Annus Iulianus, vel

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Gregorianus sit Bissextilis, an Communis? *Secundò* ex
Pag. 18. Tabula 5. per præcept. 5. collige summam dierum ab initio Anni Iuliani, vel Gregoriani, vsq; ad diem initialem diei Thoth. *Tertiò* ex Tabula 6. per præceptum 7. collige summam dierum ab initio anni Ægyptij vsq; ad diem Mensis Ægyptij propositum, & hanc summam adde summæ dierum Iulianæ; Harum aggregatum (si non excedat 365. vel in Bissextili 366.) in areis Tabulę 5. quæsitum, dabit supra Mensem Iulianum, & in latere sinistro diem mensis concurrentem cum dato die Mensis Ægyptij. Quòd si aggregatum illud superat dies 365. vel in Anno Bissextili 366. subtrahe hos ipsi Aggregato, & Residuum in area Tabulæ 5. quæsitum, dabit vt supra Mensem Iulianum, ac in latere sinistro diem concurrentem cum dato die Ægyptio.

*Exemplum* 1. Detur Annus Nabonassari 720. & Mensis *Athyr*, aut *Mechir* dies 25. *Primò* enim ex Præcepto 32. incœpit hic Annus Anno ante Christum 29. & quidem ex Præcepto 33. initium Thoth fuit die 30. *Augusti*,
Pag. 2. qui per Tabulam 5. in Anno Bissextili (cuiusmodi erat 29. ante Christum) exhibet dies 243. At ex Tab. 6. dies 25. Athyr, est dies ab initio anni collectus 85. *Mechir* autem 25. est dies 175. summa Iuliana 243. & Ægyptia 85. faciunt aggregatum dierum 328. qui in Tabula 5. exhibent illo Anno Bissextili diem 23. Nouembris concurrentem cum *Athyr* die 25. At summa Iuliana 243. cum Ægyptia 175. faciunt aggregatũ 418. cui subtractis Bissextilis anni diebus 366. restant dies 52. & hi in Tabula 5. pro sequenti anno 28. ante Christum, dant diem 21. Februarij, concurrentem cum Mechir die 25.

Præcept. 35. *Annos ante Christum Datos, vel post, vertere in Annos Nabonassari, & horum initium illo Anno inuestigare.*

Si Annus *ante Christum* datus non excedit 747. quæ-
Pag. 18. re illum in Tabulæ 23. secundâ columnâ; nam in columnâ primâ habebis Nabonassari annum initum illo die mensis Iuliani, quem monstrat columna tertia. At si datus annus non reperitur in columna 2. subtrahe illum proximè maiori in 2. columna reperto (& nota interim seorsim, quinam 1. annus Nabonassaris in columna 1. & quodnam initium in 3. respondeat proximè maiori.) *Residuum* autem adde anno Nabonassari, in 1. columna, vt dixi, reperto, fiet enim sic annus Nabonassari optatus. Idem *Residuum* diuide per 4. quotiens enim integrum, vel (si fractio adsit) auctum vnitate, & subtractum diei initiali, dabit alterum initium optatum.

*Exemplum* 1. Esto annus 29. ante Christum, hic proximè maiori in Tabulæ 23. columnâ secundâ, reperto nempe anno 33. subtractus, relinquit *Residuum* 4. quod additum Nabonassari anno 716. è regione anni 33. posito, dat annum Nabonassari 720. illum scilicet, qui incœpit intra annum 29. Christi. Porrò anno 33. incœpit
Pag. 18. Thoth die 31. Augusti, & *Residuum* 4. diuisum per 4. relinquit quotientem 1. quo subtracto à die 31. Augusti, restat dies 30. quo incœpit Nabonassari annus 720.

Si verò annus datus sit Epochæ Christi, quære illum
Pag. 18. in Tabulæ 23. columna 2. aut 5. aut 8. nam si ibi reperitur habebis à sinistris annum Nabonassari optatum, & à dextris diem mensis Iuliani, in quo cœpit Nabonassari annus. At si datus annus Christi non est in Tabula 26.
Pag. 18. quære in ea proximè maiorem, eiq; subtrahe annum Christi datum, & *Residuum* subtrahe Nabonassari anno in eadem Tabula respondenti anno Christi proximè maiori; habebis enim annum Nabonassari optatum. Postea *Residuum* idem diuide per 4. & quotientem integrum, si careat fractione, vel auctum vnitate, si habeat fractionem, adde diei initiali Thoth, qui in columna dextra erat è regione anni Nabonassari proximè maiori, & habebis initium anni Nabonassari nuper inuenti.

*Exemplum* 2. Datus sit Christi Annus 712. hic sub-
Pag. 18. tractus anno 719. proximè maiori Tabulæ 23. reliquit *Residuum* 7. & anno 719. respondet à sinistris Annus Nabonassari 1467. à dextris autem eius initium Februarij 25. subtracto igitur 7. restat optatus Nabonassari annus 1460. & diuiso residuo eodem 7. per 4. quotiens est $1\frac{3}{4}$. absq; fractione, hic igitur additus diei 25. Februarij dat diem 26. in qua incœpit annus Nabonassari 1460.

Præcept. 36. *Diem Anni dati ante, vel post Christum conuertere in Diem Anni Nabonassari.*

Quære *primùm* per præcedens præceptum, Annum Nabonassari initum dato anno ante Christum, vel post: & Diem Mensis Iuliani, in quo ille Nabonassari annus incipit. Deinde ex Tab. 5. collige singillatim summam
Pag. 2. dierum Iulianam, respondentem diei initiali Thoth, itemq; summam dierum respondentem diei datæ: harum enim differentia vnitate aucta, si dies datus in Anno Iuliano succedit initiali diei, quæsita arealiter in Tabula 6. dabit supra Mensem Ægyptium, & in sinistro latere diem Ægyptij Mensis respondentem diei Iuliani Mensis dato. At si dies datus Iulianus antecedit initialem anni Ægyptij; differentia summarum collectarum dempta vnitate, & subtracta diebus 365. dabit Residuum, quod in Tabula 6. arealiter inquisitum, monstrabit Mensem Ægyptium, eiusq; in sinistro latere, diem respondentem diei dato.

*Exemplum*. Persistendo in 1. Exemplo Præcepti precedentis, in quo anno ante Christum 29. repertus est annus Nabonassari 720. incœpisse die 30. Augusti. Si quæratur, in quem Mensem Ægyptium, eiusq; diem inciderit dies 31. Octobris, aut dies 25. Aprilis. Quoniam summa dierum respondens diei 30. Augusti anni 29.
Pag. 2. ante Christum Bissextilis est in Tab. 6. 243. respondens autem diei 31. Octobris est 305. harumq; differentia est 62. & vnitate aucta 63. hæc in Tabula 6. dat diem 3. Athyr, congruentem diei 31. Octobris. At summa diei 25. Aprilis anno Bissextili in Tabula 5. est 116. eiusq; differentia à diebus 243. est dierum 127. & dempta vnitate est 126. si hæc subtrahatur diebus 365. relinquit Residuum 239. dierum, quibus in Tabula 6. Respondet *Pharmuthi* dies 29. congruens datæ diei 25. Aprilis.

Præcept. 37. *Alexandri M. Annos, aut Dhilkarnaim, conuertere in Annos ante, vel post Christi Epocham, & hos vicissim in illos.*

*Si Alexandri Magni* annus à morte ipsius computatus est 324. vel *Dhilkarnaim* est 312. concurrit eorum quilibet cum primis Mensibus anni primi Christi. At si *Alexãdri M.* annus minor est 324. vel *Dhilkarnaim* minor, quam 312. subtrahe Alexandræos annis 324. & Dhilkarnaimæos annis 312. Residuum dabit annum ante Christum, cum cuius prioribus mensibus concurrunt dati anni Contra si Alexandræus annus excedit 324. vel Dhilkarn. 312. subtrahe 324. illis, vel 312. his, & restabit Christi annus, cuius priores menses concurrunt cum dato anno.

Vicissim si anni ante Christum dati nõ excedunt 324. subtrahe illos annos 325. restabit annus *Alexandri* initus illo anno; At si non excedunt 312. subtrahe illos à 313. relinquitur annus *Dhilkarn.* eodem anno initus, & currens cum eiusdem parte posteriori. At si anni Christi dati sint, subtrahe illos annis 325. & relinquetur annus *Alexandri* initus præcedenti anno, sed concurrens cum priori parte anni dati. Subtrahe autem annos Christi annis 313. restabit annus æræ *Dhilkarnaim*, seu *Seleucidarum* initus Anno Christi præcedenti, sed concurrens cum priori parte anni dati.

Præceptum clarum est, nec assueti iam preceptis præcedentibus indigent exemplo.

Præcept. 38. *Alexandri M. Annos commutare in Annos Nabonassari, & hos vicissim in illos.*

Alexandri Annos adde annis 424. fietq; annus Nabonassari more Ægyptio. ab eodem eiusdem diei, ac mensis meridie initus, à quò & Alexandræus. Sic annus Alexandri Iniuit vna cum anno 425. Nabonassari, à die 12. Nouembris, idest 1. die Thoth.

Vicissim si Nabonassari Anni nõ sunt pauciores, quàm 425. subtrahe illis annos 424. & relinquetur Annus Alexandri, cum eodem Nabonassari anno incipiens.

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Præcept. 39. *Annos Hegiræ, diesq; datos conuertere in Annos Epochæ Christi, eiusq; dies.*

Pag. 15. In Tabulę 21. Tertia, seu infima Classe habes Arabicorum annorum dies collectos, vt & mensium. Ex illa igitur Tabula collige dies respondentes annis, mensibus, & diebus Arabicis, sed completis, idq; vno, vel pluribus ingressibus in Tabulam, prout oportebit: Summæ dierum sic collectæ, adde perpetuò dies 561. & fiet summa, quæ distinctionis gratia vocetur *Cumulus*. Deinde
Pag. 15. ex prima classe Tabulæ 21. quære *Cumulum* in areis dierum collectorum respondentium Annis Iulianis, Mensibus, ac diebus completis, vno vel pluribus ingressibus; nam si annis Iulianis sic repertis addas annos 620. prodibunt Anni Christi congruentes datis Hegiræ annis, & menses, ac dies Iuliani, cum Mensibus, ac Diebus Hegiræ.

*Exemplum* ex Annalibus Turcicis; *Amurath Secundus obijt anno Hegiræ 855. ineunte, ipsa 1. die Muharram Feria 4.* Quæritur quoto id Anno Epochæ Christi euenerit, & quo Mense? Iuliani Kalendarij, & quoto eius
Pag. 15. die? Adi ergo Tab. 21. eiusq; infimam classem à sinistris in qua sic.

| Annorum Arabicorum | Dies collecti |
|---|---|
| *Anni 600. Arabici dant* | 212620 |
| *Restant Anni completi 254. quorum 240. dant* | 85048 |
| *Restant Anni 14. qui dant* | 4961 |
| *Adde 1. Mensis Muharram diem & dies perpetuo* | 1 |
| | 561 |
| *Fit summa Dierum* | 303191 |

Pag. 15. Deinde in suprema Tabulæ 21. classe à sinistris Dies 303191. per partes collecti dant in sinistris columnis Annos Iulianos sic.

| | Anni Iulian. |
|---|---|
| *Dies 292200. dant* | 800 |
| *Restant 10991. quor. 10227. dant* | 28 |
| *Restant 764. quor. 730. dant* | 2 |
| *Restant dies 34.* | |
| *Adde Annos perpetuò* | 620 |
| *Fit summa Annorum Completorum* | 1450 |

*Dies 34. dant Februarij diem 3. Ergo Amurathes Secundus mortuus est Anno Christi 1451. eiusq; Februarij die 3.* Scitè igitur Nicolaus Mulerus in Canone Annorum Arabicorum cum annis Christi collatorum ponit annum 855. Arabicum ineuntem 3. Februarij anni Christi 1451. feria 4.

*Nicolai Muleri laus.*

Ratio autem ob quam Diebus Arabicis collectis adduntur perpetuò dies 561. & annis Iulianis collectis, vt supra, adduntur perpetuò anni 620. est, quia primus annus Hegiræ incœpit anno Christi 622. die 16. Iulij, ab anno autem 620. completo, & Bissextili, ad anni 622. currentis diem 16. Iulij currentem, numerantur dies completi 561. cauendus autem error in Rudolphinis Tabulis pag. 39. vbi sub finem à dextris transuersalibus numeris ponitur iniuisse 1. *Hegiræ Annus* anno Christi 632. & continuasse cum 633. quod verificatur de Iezdagirdæ Epocha, non de Arabica, pro cuius initio ex earundem Rudolphinarum pag. 38. ponendus est annus Christi 622. quem sequitur 623.

*Rudolphinarum mendum.*

Quomodo autem Arabes per suos Cyclos inuestigent feriam, dictum est præcepto 22.

Præcept. 40. *Annos Christi, si non sint pauciores Annis 622. diesq; commutare in Arabicos Hegiræ Annos, ac dies.*

Annis Christi datis subducito annos 620. residuos, per Tabulæ 21. supremam Classem resolue in dies Iulianorum annorum collectos, eisq; adde dies collectos ab initio anni dati vsq; ad diem mensis Iuliani datum, idq; per Tabulam 5. vel etiam per ipsam Tabulam 21. adhibito anno Communi, aut Bissextili, prout opus erit. Omnium horum dierum summæ, subtrahe semper dies 561. Residuum quære in Tab. 21. Classe Arabica arealiter, per partes adhibitâ, primo sub titulo annorum Hegiræ, deinde sub titulo mensium Arabicorum, donec restent dies minores mense Arabico, notando interim præcedentem mensem Arabicum completum; dies enim residuus indicabit diem mensis sequentis Arabici, congruentem diei Iuliano, & summa annorum Arabicorum addità vnitate annum Arabicum, dato Christi anno respondentem. Pag. 15. Pag. 2. Pag. 15.

*Exemplum. Anno Christi 1452. die 29. Maij feria 2. Pentecostes, capta fuit Constantinopolis à Mahumetho Secundo. Quæritur quò Hegiræ Anno capta sit, & quo Mense Arabico, quotoque eius die?*

Annis Christi 1452. deme 620. & restant 832. his per Tabulam 21. respondent dies collecti annorum Iulianorum, vt infra. Pag. 15.

| | Dies |
|---|---|
| *Anni 800. dant dies* | 292200 |
| *Restant Anni 32. qui dant* | 11688 |
| *Ab initio autem Anni 1452. Bissextilis, ad 29. Maij inclusiuè sunt dies* | 150 |
| *Summa dierum est* | 303930 |
| *His perpetuo deme Dies* | 561 |
| *Restant Dies* | 303369 |

*Deinde in Classe infima Tabulæ 21. sub Arabicis annis, ac mensibus; dies 303369. dant annos Arabicos completos 856. infrascripta methodo.*

| Dies Collecti | Anni Arabici |
|---|---|
| *Dierum 303369. summa proximè minor 212620. dat* | 600 |
| *Restant 90749. quor. 85048. dant* | 240 |
| *Restant 5701. quor. 5670. dant* | 16 |
| *Restantq; dies 31.* | |
| *Summa annorum Arabicè Complet.* | 856 |

*In Tab. 21.* Pag. 15.

*Ergo Constantinopolis capta fuit Anno Hegiræ 857. & quia superfuere dies 31. quorum 30. debentur primo Arabum Mensi* Muharram, *sequitur captam fuisse prima die Mensis* Sephar, feria 2. Arabicè, idest die Lunæ ex præcepto 24.

Præcept. 41. *Iezdagirdis, seu Epocha Persica Annos datos, ac dies, conuertere in Annos Christi, ac dies.*

Datos Iezdagirdis Annos completos, & menses completos, resolue in dies, per Tabulæ 21. Classem 2. à sinistris, quæ seruit tam Persicis, quàm Ægyptijs, vno aut pluribus ingressibus in Tabulam factis, summæ dierum subtrahe perpetuò dies 199. Residuum, per Tabulæ eiusdem 24. classem supremam, redige in Annos Iulianos, ac Menses, habita ratione Bissextilium. Tandem summæ Annorum Iulianorum adde perpetuò Annos 632. & fit summa annorum Christi; residui autem dies monstrant in Tabula 21. mensem, ac diem optatum. Pag. 15. Pag. 2.

*Exemplum. Annus datus Iezdagirdis sit 814. & dies 17. mensis Tyrma: quæritur quinam sit Christi Annus, & Mensis, & quotus dies?* Adi *Tabulam 24. in qua sit.* Pag. 15.



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| | Dies |
|---|---|
| *Anni Persici, vt & Aegyptij 800. dant* | 292000 |
| *Restant completi 13. quor. 10. dant* | 3659 |
| *Et 3. completi dant* | 1095 |
| *Mensis completus ante* Tyrma, *idest mensis* Chortat *dat* | 90 |
| *Dies currentes de* Tyrma *sunt* | 17 |
| *Summa dierum omnium est* | 296852 |
| *Cui perpetuò deme 199.* | 199 |
| *Restant* | 296653 |

Pag. 15. *Summa dierum 296653. in suprema Tabula 24. parte quæsita, dat Annos Iulianos infrascriptos.*

| | Anni |
|---|---|
| *Dies 292200. dant* | 800 |
| *Restant d. 4453. quorum 4383. dant* | 12 |
| *Restantq; dies 70.* | |
| *Summa Annorum completorum* | 812 |
| *Adde his Annos completos* | 632 |
| *Fit summa Annorum Christi complet.* | 1444 |

Pag. 2. *At superant de Anno sequenti nempe 1445. dies 70. & hi in Tabula 6. dant Anno illo communi, diem Martij 11. Ergo tandem Iezdagirdici Anni 814. dies 17. Tyrma incidit in diem 11. Martij Anni Christi 1445.*

Præcept. 42. *Datum Epochæ Christi Annum, ac diem, Mensis reducere ad Annum Iezdagirdis, ac diem Mensis Persici.*

Annis Christi datis (quos suppono non esse pauciores annis 632.) subtrahe annos 632. Deinde Residuos Com-
Pag. 15. pletos resolue in dies per Tabulæ 21. Classem supremam, vno vel pluribus ingressibus in eam; & illis adde tum numerum dierum Mensis Compleri, tum dierum currentium mensis dati; Deinde his omnibus adde, adhuc perpetuò dies 199. Omniumq; tãdem dierum summam collige, & cum hac ex Tab. 21. classe 2. arealiter collige in margine sinistro annos Persicos completos, vno, vel pluribus ingressibus, itemq; Mensem Persicum completum, reliqui enim dies spectabunt ad Persicum Mensem sequentem.

*Exemplum* idem, ac supra, sed conuersim. *Annus Christi datus sit 1445. eiusq; Martij dies 11. quæretur, qui nam fuerit Iezdegirdæ Annus, quiq; Mensis Persarum, ac dies.*

*Demptis ab Anno 1445. Annis 632. restant 813. currentes, sed completi 812. cum quibus, & cum diebus 11. Martij, sic ex Tab. 21. colliges dies.*

| | Dies |
|---|---|
| *Anni Iuliani 800. dant* | 292200 |
| *Et Anni 12. dant* | 4383 |
| *Adde his perpetuò* | 199 |
| *Et pro 11. Martij Tab. 6.* | 70 |
| *Fit summa Dierum* | 296852 |

Pag. 15. *Cum qua ex Tabula 21. classe secunda excerpes Persicos Annos, Mensesq; ac dies sic.*

| | Anni Persici |
|---|---|
| *Dies 292000. dant* | 800 |
| *Restant D. 4852. quorum 3659* | 10 |
| *Restant 1202. quorum 1095.* | 3 |
| *Restant dies 107.* | |
| *Summa Annorum complet.* | 813 |

*Ergo Anni Christi 1445. dies 11. Martij, incidit in Iezdagirdicum Annum 814. dies autem 107. qui superant in eadem Tab. 21. Mensium Persicorum, monstrant completum fuisse* Chortat, *nempe dies 90. & reliquos 17. spectare ad Mensem* Tyrma, *quare 11. Martij Iulianum illo Anno, congruit cum 17. die Mensis Tyrma.*

*Monitum pro reliquis Epochis.*

Reliquarum Epocharum mutuam trãsformationem, aut expiscabere ex Tab. 25. aut ex Nostra Chronologia Reformata, cum reliqua ad Chronologum magis, quam ad Astronomum pertineant hactenus.

Præcept. 43. *De Absoluta constitutione Temporis pro motibus syderum ex Tabulis Nostris eliciendis.*

Hactenus omnia præcepta ad Tempus ferè pertinuerunt. Supereſt ergo vt indicemus, qua ratione constituendum sit tempus, vt Motus Cœlestes ex Nostris hisce Tabulis elici possint, & ad alia quoq; loca, vel tempora accommodari: quæ constitutio ad duo Capita reuocatur.

*Primum* est si aliquod Cœleste Phænomenon, puta, Eclipsis Lunæ ex Nostris Tabulis deductum, debeat trãsferri ad alia loca distantia à nostro Meridiano Bononiensi, aut etiam ad alias species horarum, immò & ad alias Annorum, Mensiumq; species diuersas ab Annis Christi, vel ante Christum, quos in his Tabulis vsurpamus iuxta formam Iulianam, & deinde Gregorianam. Vt si *Eclipsis Lunaris* initium ex nostris Tabulis eruendum sit, & deinde enunciandum, qua hora non solum Astronomica, sed etiam Babylonica, aut Europæa sit apparituru alibi, puta Constantinopoli, & quo die, ac mense anni Arabici. In hoc casu; *Primò* debet tempus æquale vsurpatum in nostris Tabulis mediorum motuum, post Eclipsis calculum absolutum conuerti in Apparens, seu apparituru nostro Meridiano Bononiensi horis Astronomicis, seu post meridiem: idq; per præceptum 16. *Secundò* per præceptum 17. debet hoc tempus accomodari Meridiano Constantinopolitano; in quo si obseruentur horæ Babylonicæ, cognitâ per *Præceptũ* 14. semidiurnâ quantitate, debet hora Astronomica conuerti in Babylonicam per *Præceptum* 12. & tandem per *Præceptum* 40. Annus Christi Mensisq; ac dies Iulianus, quo Eclipsis prænunciatur, debet reduci ad Annum Hegiræ, mensemq; ac diem Arabicum, & per *Præceptum* 22. ad Feriam. His autem alia multa præcepta ex præmissis opitulantur.

*Secundum* Caput est si aliquod Phænomenon, puta, Eclipsis Lunaris initium obseruatum, aut computatum fuit in alio Meridiano, puta Constantinopoli, & expressum, seu enunciatum horis, diebus, mensibus, atq; annis diuersæ speciei, puta horis Babylonicis, & diebus, Mensis Anniq; Hegiræ. Tunc *Primò* tempus ibi apparens commutandum est in æquale per præceptum 16. *Secundò* per præcept. 17. debet hoc tempus transferri ad tempus congruens Meridiano Bononiensi, & per *Præcept.* 14. sciri semidiurna quantitas, & per *Præcept.* 12. conuerti hora Babylonica in Astronomicam. Posteà per *Præcept.* 39. annus, mensis, ac dies Hegiræ transformandus est in Iulianum Epochæ Christi Annum, Mensem, ac Diem Iulianum.

Sæpe etiam in obseruationibus Antiquorum Horæ Temporales ad æquales reducendæ sunt per *Præc.* 13.

*De Initio Dierum, & Annorum in Nostris Tabulis.*

Initium Dierum Astronomicè sumimus à meridie facto sub Meridiano Bononiensi, & initium dierum anni, seu anni principium exordimur à meridie præcedenti vltimi diei Decembris, vt deinceps Dies nominati vsurpari possint pro completis. Vt si examinamus Eclipsim futuram hora 4. post Meridiem primæ diei Ianuarij, colligendus erit motus LuniSolaris medius, vnius diei integræ, & præterea horarum 4. &c.

Sequun-

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## *Sequuntur Præcepta pro vsu Tabularum Secundæ Partis.*

Præcept. 44. *Dato loco Solis in Ecliptica, vel puncto Ecliptica, Declinationem eius inquirere.*

Pag. 19. Id per Tabulam 26. absoluitur quærendo signum in fronte, & gradus signi in sinistro latere descendendo, aut signum in Calce Tabulæ, & eius gradus in dextro latere ascendendo; in communi enim concursu Signi, & Gradûs habetur Declinatio quæsita, Borealis si Ecliptica signa sint Borealia, Australis si Australia, adhibita parte proportionali, si sit opus.

*Exemplum*. Detur per se, aut pro loco Solis *Tauri* Gradus 10. 20'. in Tabula enim Gradui ♉ 10. respondet declinatio Borea Grad. 14. 51'. 16''. & Gradui sequenti Grad. 15. 17'. 7''. harum differentia est 18'. 51''. quæ ducta per 20'. & productum diuisũ per integri gradûs minuta 60'. relinquit differẽtiam 7'. 42''. addendam Gradib. 14. 51'. 16''. vt fiat iusta declinatio Grad. 14. 58'. 58''. pro Tauri Grad. 10. 20'.

Præcept. 45. *Dato Puncto Ecliptica, reperire Angulum quemlibet de quatuor, quos in eo puncto facit* Ecliptica *cum* Meridiano, *aut quouis circulo Declinationis.*

Pag. 19. Quære in Tabulæ 27. fronte signum datum, & eius Gradum in sinistro latere; vel signum in calce, & gradum in dextro latere, in area enim communi habebis Angulum vergentem versus Orientem, & præterea versus Polum Australem, aut Borealem, prout indicat nota *Austr.* vel *Bor.* signo adiecta, ipsi enim æqualis est Angulus ad verticem, qui occidentem, & alterum Polum spectat, complementum autem prioris ad gradus 180. est Angulus *Occiduus* versus eundem prioris Polum, & item Angulus ortiuus versus alterum Polum.

*Exemplum*. Transeat Meridianus, vel quiuis Declinationis circulus per Tauri Gradum 10. ipsi enim in Tabula 25. congruit Angulus Orientalis Graduum 71. 35'. quem facit Ecliptica ibi cum Meridiano, qui Angulus, vt indicat nota ♉ Bor. est Borealis. Ergo Angulus quoque Occidentalis, sed Austrum versùs est Graduum 71. 35'. horum complementum ad duos rectos est Gradi 108. 25'. Tantus igitur est Angulus tam *Boreoccidentalis*, quam *Austrorientalis* Ecliptica cum Meridiano, aut quouis circulo Declinationis.

Præcept. 46. *Dati Puncti Ecliptica, vel Solis in eo versantis Ascensionem Rectam pernoscere.*

Pag. 19. Consule Tabulam 28. notando signum in fronte, & signi Gradum in sinistro latere statim enim sub signo, & è regione gradûs habebis eius Ascensionem Rectam, vtendo tamen parte proportionali, si Gradibus signi scrupula adhereant.

*Exemplum* Gradui ♉ 10. Respondet Ascensio Recta Grad. 37. 34'. 46''. At Gradui 25. ♎ Ascensio Recta Grad. 203. 9'. 11''.

Præcept. 47. *Data Poli Altitudine, & Declinatione puncti Ecliptica, seu Solis; immò cuiusuis Puncti Cælestis, vel Sideris, inuenire Differentiam Ascensionalem.*

Differentia hæc Ascensionalis, est Æquatoris arcus, quo Ascensio Recta puncti alicuius, aut Sideris, differt ab eiusdem Ascensione in Sphęra Obliqua, idest ab Ascensione ipsius obliqua.

Pag. 21. vel 24. Ito igitur ad Tabulam 29. aut 30. & in eâ quære; vel Poli altitudinem in fronte, & in latere Declinationem, aut Poli Altitudinem in latere dextro, & Declinationem in fronte; communis enim area tabulæ dabit Ascensionalem Differentiam. In Tabula tamen 29. supponitur obliquitas Eclipticæ Grad. 23. 30'. At est subtiliùs Grad. 23. 30'. 20''. ideo adiecimus pro hac obliquitate Tabulam 30. ad nostram Poli Altitudinem, quæ Bononiæ in S. Petronio est Grad. 44. 30'. 20''. vt seruiat Tabulis alijs hac altitudine vtentibus, sed in hac Tabula, absq; Declinatione habetur Differentia Ascensionalis immediatè respondens Gradibus Eclipticæ, cui & Soli tantummodo deseruit. Pag. 24.

*Exemplum* 1. Detur Solis Declinatio, aut Pũcti Eclipticæ graduum 20. & Altitudo Poli Grad. 44. in Tabula enim 29. quærendo in fronte Poli Altitudinem Grad. 44. & in latere sinistro Gr. 20. declinationis, area communis dat Differentiam Ascensionalem Gr. 20. 35'. Pag. 21.

*Exemplum* 2. in Tab. 30. Gradui Tauri 29. 5 ½. cui conuenit Declinatio 20. grad. Boreal. sub Altitudine Poli Bononiensis respondet Differentia Ascensionalis gr. 20. 58'. 15''. Pag. 24.

Præcept. 48. *Data Puncti cuiusuis Cælestis Ascensione Recta, & eius Differentia Ascensionali; Ascensionem eius Obliquam formare.*

Ascensioni Rectæ puncti declinantis ad Polum eleuatum, subtrahe Differentiam Ascensionalem; adde autem si declinet ad alterum Polum inconspicuum; sic enim formabis eiusdem Puncti Ascensionem Obliquam, & hoc modo examinabis Tabulas Ascensionum obliquarum.

*Exemplum* 1. Tauri gradui 29. 5' ½. ex dictis supra, conuenit Declinatio Borealis grad. 20. & huic sub Altitud. Poli graduum 44. 30'. 20''. conuenit Ascensionalis Differentia grad. 20. 58'. 15''. eiusdemq; puncti Ascensio Recta est grad. 56. 58'. 55''. Ergo huic subtrahendo Ascensionalem differẽtiam, fit eius Ascensio obliqua 36. 0'. 40''. At si esset vltra Æquatorem, vel calculum inires pro loco vltra Æquatorem, vbi Polus Boreus non est conspicuus; deberes addere Ascensioni Rectæ Differentiam Ascensionalem.

Præcept. 49. *Data Altitud. Poli, & Puncto Ecliptica, vel Sole in eo versante, elicere ipsius Ascensionem obliquam per Tabulas ad id confectas.*

Si Altitudo Poli est tanta, quanta Bononiæ, vtere Tabula 31. in ea enim signo in fronte, & gradu signi in dextro latere obseruato, habebis in cõmuni area Ascensionem obliquam puncti Eclipticæ. Pro alijs autem Poli altitudinibus vtere Tab. 32. Exhibente Obliquam Ascensionem, sed Signorum Borealium in horizontibus Borealibus, quærendo eorum gradus in sinistro latere, vel Australium in horizontibus Australibus, quærendo eorum gradus in dextro latere ascendendo. Quòd si optas Asc. Obliq. signorum Australium in horizontibus Borealibus, vel Borealium in horizontibus Australibus; Quod è regione Graduũ eorum reperies in areâ sub data Poli Altitudine, subtrahe gradibus 360. residuum erit Obliqua Ascensio, quam quæris. Pag. 25. Pag. 26.

*Exemplum*. Sub Altitudine Poli gr. 40. Tauri gr. 16. Ascensio Obliqua est gr. 28. 55'. apud Boreales, & eadem est Aquarij gradûs 14. apud Australes; sed Aquarij gr. 14. apud Boreales est 331. 5'. Pag. 26.

Præcept. 50. *Dato Tempore Apparente post meridiem, locoq; tunc Solis, & Altit. Pols: inuestigare Gradum Ecliptica* Ascendẽtem, *quem & Horoscopum vocitant; & quisnam sit* Nonagesimus *Ecliptica Gradus ab Ascendente computatus?*

*Primò* Ascensionem Rectam loci Solis per Præceptũ 46. inuentam, adde Tempori à Meridie, priùs per Tabellam 7. impartes Æquatoris conuerso, abiectis gradib. 360. si summa illos excedat; factum enim, vel residuum, erit Ascensio Recta Medij Cęli, seu Æquatoris punctum tunc culminans. Pag. 19. Pag. 3.

*Secundò*. Adde puncto Æquatoris culminanti, gradus 90. & prodibit Ascensio Obliqua gradus Ascendentis, quæ si non excedat gradus 180. quæsita in areis Tabulæ 31. aut 32. sub conuenienti Altitudine Poli, ostendet in fronte signum, & in latere sinistro signi gradum Pag. 25. vel 26.



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tunc exorientem, seu Horoscopum. At si Ascensio Obliqua excedat grad. 90. subtrahe illam gradibus 360. & cum Residuo in areis Tabulæ Ascensionum Obliq. idest Tab. 29. vel 30. inuestigato, vt supra, inuenies Signum, & eius Gradum Ascendentem.

*Tertiò*. Gradui Ecliptiçæ Ascendenti, deme gradus 90. & notus erit Nonagesimus Ecliptiçæ gradus, qui ad plura, sed præçipuè ad Parallaxes pro Solaribus Eclipsibus, vt suo loco docebimus, inseruiet.

*Exemplum*. Esto Bononiæ vbi Polus eleuatur gr. 44. 30'. 20''. Hora post merid. Apparens 4. 30'. & tunc Sol in gradu 29. 5'. 30''. *Tauri*, operatio sic instituetur.

| | Gr. | I | II |
|---|---|---|---|
| *Horæ 4. 30'. per Tab. 7. dant* | 67 | 41 | 6 |
| *Asc. ♉ loci ☉ per Tab. 29.* | 56 | 58 | 55 |
| *Summa, & punctum culminans* | 124 | 40 | 1 |
| *Adde gradus* | 90 | 0 | 0 |
| *Fit Asc. Obliq. Ascendentis* | 214 | 40 | 1 |
| *Dempta hac gradib. 360. restant* | 145 | 19 | 59 |
| *Cum his per Tab. 29. Ascendit* ♍ | 3 | 36 | 30 |
| *Deme Ascendenti* | 90 | 0 | 0 |
| *Fit Nonagesimus Eclipt.* ♊ | 3 | 36 | 30 |

Est igitur Ascendens *Horoscopus* optatus *Virginis* Gradus 3. 36'. 30''. & *Nonagesimus* inde computatus; Geminorum Gr. 3. 36'. 30''.

Præcept. 51. *Dato Ecliptica Puncto Ascendente, & Poli Altitudine, reperire Altitudinem* Nonagesimi, *seu* Angulum Ecliptiçæ, & Horizontis.

Pag. 38. Recurre ad Tabulam 33. quæ incipit à pag. 38. in ea enim adhibitâ, si opus est, parte proportionali, quærendo in fronte Altitudinem Poli, & in latere sinistro Signum cum gradu Ascendente, deorsum numerando gradus, vel in latere dextro signum cum gradu sursum numerato, communis area exhibebit Altitudinem Nonagesimi.

*Exemplum*. Ascendat Ecliptiçæ gradus ♍ 3. 36'. 30'', sub altitud. Poli gr. 44. 30'. 20''. ex Tabula enim 31. colligitur per partem proportionalem altitudo *Nonagesimi* gr. 65. 52'. 52''. vel rotunde grad. 65. 53'.

Præcept. 52. *Signorum Zodiaci Gradus, aut cuiusuis circuli resoluere in Gradus collectos ab initio circuli.*

Pag. 19. Id statim docet Tabula nostra 24. in qua *Exempli* gratia, Gradui 25. in sinistro latere, respondet dextrorsum versus sub ♎ gradus 205. sub ♐ 295. & sic de alijs. At si alicuius circuli, puta Anomaliæ signa integra vsurpentur, & prætetea illis adhæreant aliqui gradus, quærendi sunt gradus sequenti signo congruentes; vt si dentur Anomaliæ signa completa 4. & gradus 25. non in columna signi IV. sed in columna signi V. in calce notati quærendi sunt gradus collecti; & ita supra signum V. è regione gradus 25. colliges gradus 145.

Præcept. 53. *Gradus Zodiaci diametraliter oppositos statim reperire: vt dato gradu Ascendente notus sit gradus Descendens.*

Pag. 19. In Tabula 25. habes bina quælibet signa opposita, sed in Tabella coniuncta cum gradibus oppositis, vt in prima cõiugatione gradus 16. ♈ opponitur gradui ♎ 196. item in secunda coniugatione gradus 16. ♊, qui est Zodiaci 76. opponitur gradui 16. ♐, qui est 256. Zodiaci. Dato itaq; signo, & gradu eius Ascendente statim notus erit gradus signi Descendens.

Præcept. 54. *Data cuiusuis Stellæ Longitudine, & Latitudine, sed hac non maiore gradibus 90. adipisci eius declinationem, & Ascensionem Rectam.*

Pag. 19. *Primò*. Per Præceptum 44. & Tabulam 26. discet Declinationem Puncti Ecliptiçæ, quod designat data Stellæ Longitudo, & per Præceptum 46. seu Tabulam 28. eiusdem Ascensionem Rectam. & 20.

*Secundò*. Ex Tabula 34. excerpe Prosthaphæresim Declinationis obseruando latitudinem datam in fronte, & signa Gradusq; Longitudinis in sinistro, aut dextro latere, area enim communis dabit Æquationem Declinationis Addendam Declinationi Puncti Ecliptiçæ, si signum, & latitudo sunt eiusdem plagæ, seu affectionis; vt si signum sit Boreale, & latitudo quoq; Borealis; subtrahendam autem si sint contrariæ affectionis, & habebis Declinationem Stellæ. Pag. 43.

*Tertiò*. Ex Tab. 35. similiter excerpe Prosthaphæresim addendam, vel subtrahendam Ascensioni Rectæ Puncti Ecliptici, prout conditiones explicatæ in fronte, vel in calçe Tabulæ iusserint, & sic formabis Ascensionem Rectam Stellæ. Pag. 43.

*Exemplum*. Detur *Spicæ*, aut *Iouis* latitudo Australis grad. 2. & longitudo in ♎ grad. 18. Huius enim gradus Libræ Declinatio Australis per Tab. 26. & gr. 7. 4'. 47''. & quidem Australis, cum ergo sint eiusdem speciei signum, & latitudo; Prosthaphæresis erit addenda, hæc autem sub Latitudinis Australis gradu 2. & è regione gradus 18. Libræ, est gr. 1. 11'. quæ addita gradibus 7. 4'. 47''. conflat Spiçæ, vel Iouis Declinationem Australem Gr. 8. 15'. 47''. Deinde Ascensio Recta gradus 18. Libræ per Tabulam 28. est gr. 196. 35'. 31''. & latitudo *Spicæ*, vel *Iouis* assumpta est gr. 2. Australis, & signum pariter Australe, addenda ergo erit prosthaphæresis. Hęc autem in sinistra parte Tabulæ è regione gradus 18. ♎, & sub latitud. Austr. gr. 2. est 46'. Ergo Spiçæ, vel Iouis Ascensio Recta erit gr. 197. 21'. 31''.

## *Sequuntur Præcepta pro vsu Tabularum Partis III. seu de Solis, ac Lunæ Motibus.*

Præceptum 55. *Verum locum Solis in Ecliptica, eiusq; Anomaliam reperire ad datum tempus Epochæ vulgaris Christi.*

*Primò*, si datum Tempus est apparens, conuerte illud in Æquale per præceptum 16.

*Secundò*, ex Tabula 36. collige Motum Medium Solis, & Apogei Solaris conuenientem Epochæ, seu radici proximè præcedenti Annum datum, & Annis post Epocham completis, & Mensibus item completis anni communis, vel Bissextilis (pro qualitate Anni currentis) & diebus datis, eos semper vsurpando tanquam completos; ac demum horis, ac horarum scrupulis post meridiem, & collige hos motus in vnam summam, seorsim quidem Motum Solis Medium, & seorsim motum Apogei medium. Pag. 44.

*Tertiò*, subtrahe motum Apogei motui medio Solis, (assumptis, quando subtractio fieri nequit, 12. signis) & restabit Anomalia Solis simplex, seu distantia ipsius ab Apogeo.

*Quartò*, cum Anomalia Solis simplici excerpe ex Tabula 38. Æquationem *Subtrahendam*, in priori semicirculo Anomaliæ; seu quando signa Anomaliæ sunt in fronte Tabulæ, eorumq; gradus in sinistro latere; Addendam autem in posteriori, seu quando Signa sunt in çalce Tabulæ, eorumq; gradus in latere dextro; siue placeat forma circularis, siue forma Elliptica, & per æquationem corrige tum Medium Motum Solis, tum ipsius Anomaliam simplicem; prodibit enim illinc Verus Solis locus in Ecliptica; hinc Anomalia Solis coæquata. Pag. 46.

*Exemplum*.

Quæritur Verus locus Solis Anno Epochæ Christi 1661. Septembris die 23. hora 1. minut. 30'. secundisq; 23''. post Meridiem Bononiæ. *Primò* itaq; quia tunc Sol erit in primo Gradu Libræ per Tabulam Temporariam 13. duplicem reperitur æquatio subtrahenda 4'. 23''. quare tempus Æquale erit minut. 26'. post meridiem, & tunc sic se habebit forma çalculi. Pag. 8.

*Anni*

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| Anni | Met. ☉ Med. ab ♈ | | | | Apog. | | | |
|---|---|---|---|---|---|---|---|---|
| 1600 | Sign. | Gr. | I | II | Sig. | Gr. | I | II |
| Radix | 9 | 10 | 4 | 35 | 3 | 7 | 39 | 8 |
| An. 60. | 0 | 0 | 27 | 36 | 0 | 1 | 2 | 5 |
| Augusti | 7 | 29 | 30 | 44 | 0 | 0 | 0 | 41 |
| D. 23. | 0 | 22 | 40 | 12 | | | | |
| H. 1. | 0 | 0 | 2 | 28 | | | | |
| M. 26. | 0 | 0 | 1 | 4 | | | | |
| Summa | 6 | 2 | 46 | 39 | 3 | 8 | 41 | 54 |

*Secundò*, itaq; subtractis Apogei signis 3. gr. 8. 41'. 54''. à medio Solis, relinquitur Anomalia Solis simplex, & inde habebitur vtriusq; Æquatio, vt infra.

| | Sig. | Gr. | I | II |
|---|---|---|---|---|
| *Solis Medius* | 6 | 2 | 46 | 39 |
| *Apogei motus* | 3 | 8 | 41 | 54 |
| *Anomalia simplex* | 2 | 24 | 4 | 45 |
| *Aequatio subtracta in forma circulari* | 0 | 1 | 58 | 49 |
| *Restat Verus locus* ☉ | 6 | 0 | 47 | 50 |
| *Et Anomalia coaequata* | 3 | 6 | 43 | 5 |

Erit igitur tunc Sol in Libræ gradu primo, nec dum completo, sed absolutis de illo minutis 47'. & 50''. secundis; distabitq; ab Apogeo Vero Signa 3. gr. 6. 43'. 5''. seu resolutis signis in gradus distabit ab Apogeo grad. 96. 43'. 5''.

*Monitum de stylo Iuliano, & Gregoriano.*

In allato Exemplo vsi sumus Radice Anni 1600. iuxta formam Anni Gregoriani; at si stylo veteri Iuliano vteremur, adhibenda esset Radix Anni 1600. stylo veteri congruens, quæ in Tabula 36. habet pro medio Solis Signa 9. grad. 19. 55'. 58''.

Præcept. 56. *Verum locum Solis reperire ad datum tempus ante Epocham Christi.*

Reducto tempore Apparenti ad Æquale per Præceptum 16. Si Annus datus ante Christum est vnus ex centesimis ipsis, aut millesimis, vtere Radice illi centuriæ, aut Chiliadi adnotata in Tab. 36. & tunc non erit opus colligere motus medios pro annis à radice distinctis; Anni enim ante Christum in Tabula prædicta sunt completi quidem numerando eos à Christo sursum versùs Mundi exordium, sed sunt Anni currentes, si numerentur deorsum versùs Epocham Christi, nec sunt completi, nisi in casu, quo tempus datum esset Meridies vltimi diei Decembris, aut post Meridiem eiusdem vltimi Decembris. Reliqua verò pro Mensibus, Diebus, Horis, ac Scrupulis peragenda sunt, vt in præcedenti Præcepto 55.

At si Annus datus non est vnus ex Centesimis, vel Millesimis, subtrahendus erit Annus expansus Annis centum, & residuum erit numerus Annorum completorum, quibus quærendus erit suus motus medius; Radix verò adhibenda erit illius centenarij, aut millenarij, qui proximè antecessit, seu qui proximè maior est; Reliqua verò præstanda sunt omnino, vt in præcepto 55.

*Exemplum Primum.*

Quæritur Anno ante Christum 200. Septembris 23. hora æquatâ post meridiem 1. 26'. Bononiæ verus locus Solis: sic se habebit calculi forma.

| Ante Chr. | Motus ☉ | | | | Apog. | | | |
|---|---|---|---|---|---|---|---|---|
| Radix | Sign. | Gr. | I | II | Sig. | Gr. | I | II |
| Anni 200. | 9 | 6 | 8 | 1 | 2 | 6 | 36 | 48 |
| Augusti | 7 | 29 | 30 | 44 | 0 | 0 | 0 | 41 |
| D. 23. | 0 | 22 | 40 | 12 | | | | |
| H. 1. | 0 | 0 | 2 | 28 | | | | |
| M. 26. | 0 | 0 | 1 | 4 | | | | |
| Summa | 5 | 28 | 22 | 29 | 2 | 6 | 37 | 29 |
| Anomalia | ☉ simplex | | | | 3 | 21 | 45 | 0 |
| Aeq. subtr. | 0 | 1 | 51 | 13 | 0 | 1 | 51 | 13 |
| Verus ☉ | 5 | 26 | 31 | 16 | | | | |
| Anomalia | ☉ coequata | | | | 3 | 19 | 53 | 47 |

*Exemplum Secundum.*

Quæritur Verus locus Solis Anno 145. ante Christum. Die 23. Septembris, Hora 1. 26'. æquali p. m. Bononiæ, subtractis Annis 45. ab Annis centum, restant Anni 55. completi in descensu versùs Epocham Christi, tunc igitur talis esto forma calculi.

| Radix | Motus ☉ | | | | Apogeus | | | |
|---|---|---|---|---|---|---|---|---|
| Anni | Sign. | Gr. | I | II | Sig. | Gr. | I | II |
| 200 | 9 | 6 | 8 | 1 | 2 | 6 | 36 | 48 |
| Anni 55. | 11 | 29 | 40 | 58 | 0 | 0 | 56 | 54 |
| Augusti | 7 | 29 | 30 | 44 | 0 | 0 | 0 | 41 |
| D. 23. | 0 | 22 | 40 | 12 | | | | |
| H. 1. | 0 | 0 | 2 | 28 | | | | |
| M. 26. | 0 | 0 | 1 | 4 | | | | |
| Summa | 5 | 28 | 3 | 27 | 2 | 7 | 34 | 23 |
| Anomalia | ☉ simplex | | | | 3 | 20 | 29 | 4 |
| Aeq. subtr. | 0 | 1 | 52 | 12 | 0 | 1 | 52 | 12 |
| Verus ☉ | 5 | 26 | 11 | 15 | | | | |
| Anomalia | ☉ coequata | | | | 3 | 18 | 36 | 52 |

Præcept. 57. *Parallaxim Solis in circulo Altitudinis inuenire.*

Præsupponitur nota vtcumq; Anomalia Solis, aut saltem sit ne circa maximam, an circa mediocrem, an circa minimam distantiam à Terra, nam Tab. 37. in columna prædictæ Distantiæ, aut Anomaliæ signis deputata, & è regione graduum Altitudinis datæ, exhibebit Solis parallaxim, in qua nimium quantum excesserint Ptolemæus, Copernicus, & Tycho. Pag. 45.

*Exemplum.*

*In Precepti 55. exemplo, reperta est Solis Anomalia Signorum 3. & 7. circiter graduum. Esto autem Solis Altitudo ab horizonte data gr. 45. 29'. Nam in Tab. 37. columella respondenti signis III. è regione Gr. 45. & 29'. habebis parallaxim 11'. 10''. vtendo parte proportionali.*

Præcept. 58. *Distantiam Solis, & Luna à centro Terræ, sed Luna in copulis, cum parallaxi Horizontali, & Horario vtriusq; motu vero reperire.*

Anomalia Solis per Præceptum 56. nota, & in Tabula 39. quæsita statim è regione versùs dextram ostendit Distantiam Solis à centro Terræ, tam in partibus, qualium Radius Orbitæ Solaris sit 100000. quàm in semidiametris Terrestribus; deinde & Parallaxim Horizontalem, & Horarium Solis motum. Has verò tres conditiones Lunæ; ostendet Anomalia Lunæ, quando per Præcept. 61. vel aliunde nota fuerit. In distantijs Pag. 47.

autem

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autem Solis, licet vtamur plerumq; 1. Hypothesi, de qua lib. 1. Astronomiæ Reformatæ cap. 13. si cui tamen non displiceat 2. Hypothesis ibidem capite 17. exposita, poterit ex eadem Tabula 39. in vtrauis, distantiam Solis reperire.

*Exemplum.*

*Fingamus tam Solis, quàm Lunæ Anomaliam esse Graduum 95. in Tabula enim 39. sic se habent dictæ Luminarium conditiones.*

| | | | | |
|---|---|---|---|---|
| *Distantia ad Radium* 100000 | ☉ ☾ | | 99844 | |
| | | | 99905 | |
| *In semidiamet. Terræ* | ☉ | *in 1. hypot.* | 7289 | |
| | | *in 2. hypot.* | 6543 | |
| | ☾ | | 60 | 57 |
| *Parallaxis Horiz.* | ☉ | | 0′ | 28″ 26‴ |
| | ☾ | | 56 | 26 0 |
| *Horarius verus* | ☉ | | 2′ | 29″ |
| | ☾ | | 33 | 11 |

Præcept. 59. *Semidiametros Apparentes Solis, & Lunæ in copulis, Vmbræq; terrestris in transitu Lunaris Corporis per vmbram, determinare.*

Cum Luminarium Anomaliâ Æquatâ, quære in Tabula 39. Solis, ac Lunæ semidiametrum Anomaliæ Planetæ cuiusq; congruentem, Vmbræ autem semidiametrum quære per Anomaliam Lunæ coequatam, habebis enim semidiametrum apparentem Disci Vmbræ terrestris in loco transitus Lunaris, sed supposito Sole Apogeo; idcirco è regione Solaris Anomaliæ habebis Variationem semper auferendam semidiametro Vmbræ, vt hæc euadat correcta.

*Exemplum.*

| | | Gr. | ′ | ″ |
|---|---|---|---|---|
| *Esto Anomalia* | *Solis* | 95 | 0 | 0 |
| | *Lunæ* | 120 | 0 | 0 |
| *Erit enim semidiameter Apparens* | ☉ | | 15 | 47 |
| | ☾ | | 15 | 44 |
| *Vmbræ Sole Apogeo* | | | 45 | 44 |
| *Variatio* | | | 0 | 43 |
| *Vmbræ igitur semidiam. correcta* | | | 45 | 1 |

Præcept. 60. *Refractionem Luminarium, ac Fixarum inuestigare, & per eam, ac Parallaxim conuertere Altitudinem eorum Apparentem in Veram, aut Veram in Apparentem.*

Pag. 47. In Tabula 40. exhibui horum Refractiones intra Zonam Temperatam, de qua experimenta propiora habemus dissimulatis Refractionibus aliarum Zonarum præsertim Frigidarum, ob inconstantem, & incompertam earum mensuram; Quare autem à Tychonica Tabella discesserim, dictum satis est lib. 1. Astronomiæ Reformatæ cap. 14. & 15. His prænotatis, inspice sequentes Regulas.

*Lunæ* Altitudo Visa, conuertitur in Veram subtrahendo Refractionem, si quam habet, Parallaxi, & residuum, aut si nulla est, ipsam parallaxim addendo Altitudini Visæ. De Parallaxibus Lunæ vide infra Præceptum 71.

*Lunæ* Altitudo Vera in Visam conuertitur subtrahendo Refractionem parallaxi, & Residuum subtrahendo Veræ Altitudini.

*Solis*, ac Reliquorum Planetarum, & Fixarum *Altitudo Visa* conuertitur in Veram subtrahendo Visæ simplicem Refractionem. *Altitudo Vera* in Visam, addendo Veræ Refractionem.

Præcept. 61. *Verum Lunæ locum in propria ipsius orbita reperire ad datum tempus intra Nouilunij, aut Plenilunij diem, vna cum Anomalia Lunari.*

Accomodato ad Bononiensem Meridianum tempore, & æquato vt supra dum de Sole *Præcept.* 55. vel si sit ante Christum, præcepto 56. collige ex Tabula 41. Radicem proximè antecedentem anno dato, mediosq; motus Lunæ ab initio Arietis, & Anomaliæ pro Annis, Mensibusq; completis, & die assignato, Horisq; ac Scrupulis, & redige in vnam summam, tam seorsim Motum medium Longitudinis, quam Anomaliæ seorsum. Deinde adi Tabulam 42. & in eâ quære Anomaliæ signa in fronte, gradusq; signorum Anomaliæ in sinistro latere descendendo; aut Anomaliæ signa in calce, & gradus eorum in dextro latere ascendendo: nam in areâ communi, vtendo parte proportionali, si opus sit, inuenies Æquationem, subtrahendam, vel addendam tam motui medio Longitudinis, quam Anomaliæ Lunari, prout tituli in fronte *Subtrahendam*, vel in calce *Addendam* indicabunt; & habebis Lunæ verum locum, seu primo Æquatum (quod sufficit in copulis) & Anomaliam Lunæ coæquatam. Pag. 48. Pag. 50.

*Exemplum.*

Anno Christi 1661. Septembris die 23. horâ Bononiæ Æquata post Merid. 1. 26′. quæritur locus verus Lunæ: computatio sic ordinanda erit. Pag. 48.

| | *Motus ☾ ab ♈* | | | | *Anomaliæ* | | | |
|---|---|---|---|---|---|---|---|---|
| *Radix* | *Sig.* | *Gr.* | *′* | *″* | *Sig.* | *Gr.* | *′* | *″* |
| *Anni 1600.* | 7 | 25 | 19 | 20 | 0 | 7 | 27 | 9 |
| *Anni 60.* | 1 | 10 | 41 | 19 | 3 | 29 | 6 | 4 |
| *August. cõplet.* | 10 | 21 | 51 | 50 | 9 | 24 | 47 | 26 |
| *Die 23.* | 10 | 3 | 3 | 25 | 10 | 0 | 29 | 41 |
| *Hor. 1.* | 0 | 0 | 32 | 56 | 0 | 0 | 32 | 40 |
| *Min. 26.* | 0 | 0 | 14 | 16 | | | 14 | 9 |
| *Summa* | 6 | 1 | 43 | 6 | 0 | 2 | 37 | 9 |
| *Æquat. subtr.* | | | 13 | 15 | | | 13 | 15 |
| *Ergo* | 6 | 1 | 29 | 51 | 0 | 2 | 23 | 54 |
| *Verus locus ☾* | | | | | *& Anom. æquata.* | | | |

*Erat igitur Luna in gr. 2. Libræ, nondum completo in orbita sua.*

Præcept. 62. *Nodi Lunæ Borealis Verum locum ad datum tempus reperire, & Latitudinem ☾ maximam.*

Accomodato tempore ad Bononiensem Meridianum, & æquato, vt supra in *Præcept.* 55. aut 56. collige ex Tabula 41. Medium motum Nodi ☊ pro datis Annis, Mensibusq; completis, necnon Diebus, Horis, ac Scrupulis, eorumq; summam subtrahe Radici Motus Nodi ☊ proximè antecedenti, & habebis Motum Medium Nodi ☊. Deinde reperto vero loco Solis per *Præcept.* 55. vel 56. & Lunæ per *Præc.* 61. collige veram distantiam Lunæ à Nodo, & cum hac, vel (si excesserit signa sex) cum distantia Lunæ ab opposito Solis, ingredere Tabulam 43. in ea enim inspectis Distantiæ signis in fronte, gradibusq; Signorum in sinistro latere, vel signis in imo, & gradibus in dextro latere, habebis in communi concursu Æquationem Nodi ☊, subtrahendam, vel addendam Medio loco Nodi, vt habeas verum; eaq; occasione, è regione Æquationis Nodi, habebis Latitudinem maximam asseruandam pro seq. Præcepto. Pag. 48. Pag. 50.

*Exemplum.*

Anno Christi 1661. Septembris die 23. Bonon. Hora post merid. æquata 1. 26′. quæritur Nodi ☊ locus verus, sic inuenietur.

*Anni*

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| | Sign. | Gr. | I | II |
|---|---|---|---|---|
| Anni 60. | 2 | 20 | 30 | 40 |
| Pag. 48. August. complet. | 0 | 12 | 52 | 5 |
| D. 23. | | 1 | 13 | 5 |
| H. 1. | | | | 8 |
| M. 26. | | | | |
| B. Summa | 3 | 4 | 35 | 58 |
| Radix Anni 1600. | 9 | 11 | 22 | 50 |
| B. summam subscripta | 3 | 4 | 35 | 58 |
| Restat Medius ☊ Nodi locus | 6 | 6 | 46 | 52 |

Deinde quia per Exemplum Præcepti 55. & Præc. 62.

| | Sign. | Gr. | I | II |
|---|---|---|---|---|
| Erat ( ☉ locus Verus | 6 | 0 | 47 | 50 |
| ☽ locus Verus | 6 | 1 | 29 | 50 |
| Distantia ☽ à ☉ | 0 | 0 | 42 | 0 |
| Pag. 50. Ergo Aequatio ☊ sub. | 0 | 0 | 2 | 41 |
| Verus locus Nodi ☊ | 6 | 6 | 44 | 11 |
| Et Latitudo ☽ maxima | 0 | 4 | 58 | 30 |

Præcept. 63. *Latitudinem Veram Lunæ reperire, eiusq; Argumentum.*

Supputatis vt supra ad tempus datum locis veris Luminarium, & Nodi ☊ per *Præcepta* 55. vel 56. & 61. ac 62. & reperta per *Præc.* 62. Latitudine Maxima ☽ subtrahe verum locum Nodi ☊ à vero loco ☽ assumptis, si ad subtractionem opus sit Signis 12. & habebis motum latitudinis coæquatum, seu *Argumentum Latitudinis*, cuius deinde in Tabula 44. quære Signa in fronte, Pag. 51. & gradus in sinistro latere; vel signa in calce, & gradus Signorum in dextro; nam è regione graduum sub signis, aut supra signa Argumenti, & sub titulo latitudinis maximæ inuenies Latitudinem optatam Lunæ Borealem, aut Australem, prout tituli Tabulæ indicant.

*Exemplum.*

Iam in Exemplis Præceptorum 61. & 62. loca Lunæ, & ☊ erant vt infra.

| | Sign. | Gr. | I | II |
|---|---|---|---|---|
| ☽ locus Verus | 6 | 1 | 29 | 51 |
| ☊ locus Verus | 6 | 6 | 44 | 11 |
| Ergo Argum. latitud. | 11 | 24 | 45 | 40 |
| Erat latitud. maxima | 0 | 4 | 58 | 30 |
| Ergo Vera ☽ latit. Austr. | 0 | 0 | 26 | 55 |

*Addidi enim Signa 12. loco Lunæ, vt posset ab eo subduci locus Nodi.*

Præcept. 64. *Reducere locum Verum Lunæ, ab Orbita ad Eclipticam, & ab Ecliptica ad Orbitam.*

Quia Orbita Lunæ inclinata est ad Eclipticam, vt scias locum Lunæ Eclipticum, videlicet eum, quem determinat Latitudinis circulus per centrum Lunæ ductus ad Eclipticam, habeas per *Præc.* 63. Argumentum Latitudinis, & illius Signa quære in fronte Tabulæ 45. gradusq; Signorum in sinistro latere, vel signa in calce, gradusq; in dextro: nam in areâ communi habebis Reductionem Lunæ ad Eclipticam subtrahendam loco Orbitæ, aut Addendam, prout tituli supra, vel infra indicabunt: quibus titulis contrarium faciendum esset, si reducendus esset Lunæ locus ab Ecliptica ad Orbitam. Pag. 52.

*Exemplum.*

Locus Lunæ Verus in Orbita per exemplum *Præcepti* 61. & Argumentum Latitudinis per *Præcepti* 62. exemplum erat vt infra.

| | Sign. | Gr. | I | II |
|---|---|---|---|---|
| ☽ Verus locus in Orbita | 6 | 1 | 29 | 51 |
| Argumentum Latit. | 11 | 24 | 45 | 40 |
| Reductio Addenda | | | 1 | 16 |
| Verus locus in Ecliptica | 6 | 1 | 31 | 7 |

Præcept. 65. *Locum Verum Lunæ extra Copulæ inuestigare.*

Collige per *Præcepta* 55. aut 56. locum verum Solis, & per *Præc.* 61. locum verum Lunæ in Orbita, eiusq; Anomaliam primò æquatam. Deinde subtrahe Verum locum Solis, à verò Lunæ (assumptis signis 12. si sit opus) & habebis distantiam veram Lunæ à Sole, quæ si excedat Signa sex, excessus supra semicirculum dicetur distantia Lunæ ab opposito Solis, cum qua distantia consule Tabulam 47. quærendo distantiæ signa in fronte, Pag. 53. quando minor est tribus signis, & in latere sinistro signa, & gradus Anomaliæ coæquatę. At si maior sit tribus signis, quære distantiam in calce Tabulæ, atq; Anomaliæ signa, & gradus in dextro latere; nam in area communi habebis Vltimam Lunæ Æquationem compositam ex æquatione Excentricitatis, & Variatione; eamq; loco Lunæ primo æquato Adde, aut Subtrahe, prout tituli in fronte, vel calce Tabulæ, aut in medio litteræ A, vel S, indicabunt. Esto Argolus, ex Obseruationibus Astrologicis Variationem Tychonicam reijciat.

*Exemplum.*

Anno 1661. Septembr. 26. Hora 1. æquali post medid. Bononiæ, quæritur Verus locus Lunæ in Orbita; sic inuestigabitur.

| | Motus ☉ | | | | Apog. | | | |
|---|---|---|---|---|---|---|---|---|
| | Sig. | Gr. | I | II | Sig. | Gr. | I | II |
| B. An. 1600. | 9 | 10 | 4 | 35 | 3 | 7 | 39 | 8 |
| Anni 60. | 0 | 0 | 27 | 36 | 0 | 1 | 2 | 5 |
| Aug. cōpl. | 7 | 29 | 30 | 44 | 0 | 0 | 0 | 41 |
| D. 26. | 0 | 25 | 37 | 37 | 0 | 0 | 0 | 3 |
| H. 1. | 0 | 0 | 2 | 28 | | | | |
| Summa | 6 | 5 | 43 | 0 | 3 | 8 | 41 | 57 |
| Anom. ☉ | | | | | 2 | 27 | 1 | 3 |
| Aequ. sub. | 0 | 1 | 59 | 32 | | | | |
| ☉ Ver. loc. | 6 | 3 | 43 | 28 | | | | |
| B. ☽ 1600. | 7 | 25 | 19 | 20 | 0 | 7 | 27 | 9 |
| Anni 60. | 1 | 10 | 41 | 19 | 3 | 29 | 6 | 4 |
| Aug. cōpl. | 10 | 21 | 51 | 50 | 9 | 24 | 47 | 26 |
| D. 26. | 11 | 12 | 35 | 11 | 11 | 9 | 41 | 22 |
| H. 1. | 0 | 0 | 32 | 56 | 0 | 0 | 32 | 40 |
| Summa | 7 | 11 | 0 | 36 | 1 | 11 | 34 | 41 |
| 1. æquat. subtr. | 0 | 0 | 58 | 19 | 0 | 0 | 58 | 19 |
| ☽ loc. & Anō. primò Aeq. | 7 | 10 | 2 | 17 | 1 | 10 | 36 | 22 |
| ☽ Dist. à ☉ | 1 | 6 | 18 | 50 | | | | |
| Aequ. vlt. sub. | 0 | 0 | 47 | 0 | | | | |
| ☽ Locus Vlt. & Aequ. | 1 | 5 | 31 | 50 | | | | |

Præ-

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Præcept. 66. *Horarium Motum Lunæ à Sole in diebus Plenilunij, & Nouilunij inquirere.*

Cum Anomaliâ Lunæ primò æquatâ per Præceptum 61. consule Tabulam 48. quærendo Anomaliæ Signa in fronte, graduſq; in ſiniſtra, vel ſigna in calce, & gradus in dextra, & in communi area habebis verum motum, ſeu ſpatium Zodiaci, quod vnâ horâ Luna ſuperando motum Solis conficit in hora Plenilunij, vel Nouilunij, aut in altera columna horarium, quem conficit intra 12. horas antè, vel poſt Nouilunium, aut Plenilunium. Pag. 56.

*Exemplum.*

Redeundo ad Exemplum *Præc.* 61. erat Anomalia Lunæ Æquata Signi 0. gr. 2. 23′. 54″. Ergo per Tabulam 48. Horar. Lunæ, hora illius Nouilunij eſt 27′. 44″. Pag. 58.

Præcept. 67. *Verum Nouilunium, ac Plenilunium dato tempore ipſius proximè, ſeu intra horas 12. exactè definire.*

Si computato Solis, ac Lunæ vero motu per *Præcept.* 55. & 61. non diſtet Luna à coniunctione, vel oppoſitione cum Sole pluribus quàm 6. vel 7. gradibus, tunc inquire per *Præc.* 66. Horarium Lunæ motum à Sole, cum quo ingredere Tabulam 49. & ſub horario in fronte notato, in ſiniſtro autem latere gradibus, & ſcrupulis, quibus Luna antecedit in Zodiaco, vel ſubſequitur locum Solis, vel inuenies Horas, & Scrupula addenda tempori Nouilunij, vel Plenilunij proximi, ſi Luna antecedit Solem, vel eius Oppoſitionem, ſubtrahenda, ſi ſubſequitur. Pag. 56.

*Exemplum.*

Ex dictis in Exemplo Præc. 55. & 61. Solis verus locus erat Sign. 6. 0. 47′. 50″. & Lunæ Signa 6. 1. 29′. 51″. Luna ergo ſubſecuta eſt Solem per 42′. 1″. Horarius autem Lunæ à Sole per Exemplum Præc. 66. fuit 27′. 44″. Igitur in Tab. 49. ſub titulis Horarij 27. & 28. vtendo parte proportionali videbis Minutis 42′. 1″. reſpondere horas 1. 33′. quibus ſubtractis tempori dato, quod erat Hora 1. 26′. euadit Nouilunium Minutis 7′. ante Meridiem diei 23. Septembris Anni 1661. Pag. 56.

Præcept. 68. *Lunæ Diſtantiam à centro Terræ inuenire extra copulas maximam, & minimam, & excentricitatem.*

Diſtantiam Lunæ à Terra in copulis reperire docui *Præcepto* 58. At extra copulas, neceſſaria eſt Anomalia excentrici, quæ habetur duplicando diſtantiam, ſeu elongationem Lunæ à Sole, illam ſcilicet quam reperiſti occaſione *Præcepti* 65. cum illa igitur in Tabulæ 50. ſiniſtris columellis quæſitâ, inuenies dextrorſum procedendo, Lunaris Orbitæ excentricitatem tum in partibus, qualium Radius Orbitæ ſit 100000. tum in ſemidiametris Terræ expreſſam. Deindè in reliquis columnis Diſtantiam Lunæ maximam, & minimam extra ſyzygias, in vtroq; genere partium expreſſam iuxta noſtram Theoriam Lunarem lib. 3. Aſtronomiæ Reformatæ traditam. Pag. 57.

*Exemplum.*

In caſu Præcepti 65. habuimus Lunæ elongationem à Sole Sign. 1. grad. 6. 19′. quæ reſoluta in gradus facit gr. 36. 19′, & hæc duplicata facit Anomaliam excentrici gr. 72. 38′. cum hac in Tab. 50. habes infraſcripta interualla, vſus parte proportionali. Pag. 57.

| | *Qualium Radius* 100000 | *Semidiam. Terræ.* | |
|---|---|---|---|
| ☾ *Excentricitas* | 8436 | 4 | 34 |
| ☾ *Diſtant. Maxima* | 108436 | 65 | 34 |
| ☾ *Diſtant. Minima* | 91568 | 56 | 24 |

Præcept. 69. *Diſtantiam Lunæ à centro Terræ perquirere extra copulas.*

Cum Anomalia excentrici, quàm præcedenti Præcepto didiciſti reperire, ideſt cum duplicata ☾ à Sole elongatione, in fronte Tabulæ 51. quæſitâ, & cum Anomalia Orbis Æquata in ſiniſtris columellis, inuenies ſtatim diſtantiam Lunæ à Terra in ſemidiametris Terreſtribus. Pag. 57.

*Exemplum.*

In Exemplo *Præcepti* 65. fuit elongatio Lunæ à Sole Sign. 1. gr. 6. 19′. ideſt graduum 36. 19′. hæc duplicata, dat Anomaliam Excentrici gr. 72. 38′. At Anomalia Orbis æquata fuit Sign. 1. gr. 10. 36′. ideſt gr. 40. 36′. his in Tabula 51. reſpondet Diſtantia ☾ à centro Terræ ſemid. Terræ 64. 20′.

Præcept. 70. *Semidiametrum Apparentem Lunæ, & Parallaxim Horizontalem extra copulas inuenire.*

Quære per *Præceptum* 69. Diſtantiam Lunæ à centro Terræ, & cum hac in Tabula 52. ſtatim habebis ſemid. apparentem, & Parallaxim Horizontalem Lunæ. Pag. 57.

*Exemplum.*

In Præcepti 69. exemplo fuit Lunæ diſtantia à Terra, ſemidiametr. terr. 64. 20′. hæc in Tab. 52. exhibet Lunæ ſemidiametrum apparentem 14′. 39″. Et parallaxim Horizontalem 53′. 27″.

Præcept. 71. *Parallaxes Lunæ in circulo Veræ Altitudinis inueſtigare.*

Huic Parallaxi duplex Tabula ſeruit nempe 53. & pro hac ſcire oportet Parallaxim Horizontalem Lunæ per *Præceptum* 58. in copulis, aut per *Præceptum* 70. extra copulas: nam ſub Tabulæ 53. fronte è regione datæ Altitudinis Veræ, habebis Parallaxim Altitudinis optatam. Pag. 58.

Altera Tabula quæ eſt 61. habet in fronte Diſtantiam Lunæ à Terra in ſemidiametris Terreſtribus, ſub qua è regione graduum Veræ Altitudinis habebis Parallaxim optatam. Pag. 71.

*Exemplum.*

Fuerit Luna alta ab Horizonte grad. 35. quando in Exemplo Præcepti 58. reperta fuit Lunæ diſtantia à Terra ſemid. 60. 57′. & Parallaxis Horizontalis 56′. 26″. è regione enim gradus 35. in ſiniſtro latere, & ſub Parallaxi Horizontali dicta in Tab. 53. vel ſub dicta diſt. à Terra in Tabula 61. inuenitur Parallaxis altitudinis 46′. 40″. Sed ſi vis Parallaxim Altitudinis Viſæ, quære illam in Tabulis ijſdem vtens Altitudine Viſa tanquam Vera, eiq; Parallaxim congruam quære, eamq, adde Veræ altitudini, ac demum cum hoc aggregato quære ibidem parallaxim, illa enim congruet Altitudini Viſæ.

Sic in eodem Exemplo Altitudini grad. 35. veræ, conuenit Parallaxis 46′. 40″. hæc addita gr. 35. dat gradus 35. 46′. 40″. cui in Tabula 61. conuenit Parallaxis 46′. 10″. Hæc igitur eſt illa, quæ Lunæ conuenit in Altitudine Viſa grad. 35.

Præcept. 72. *Dati Anni, ac Menſis Nouilunium Medium, ac Plenilunium Medium per Epactas reperire.*

Collige primum ex Tab. 54. Radicem proximè præcedentem Epactarum, & Epactas reſpondentes Annis inde elapſis completis, & Menſibus item completis, nempe Menſi antecedenti Menſem datum, & has redige in vnam ſummam, quam ſubtrahe proximè maioti numero Reuolutionis Nouiluniorum, ac Pleniluniorum, in eiuſdem Tabulæ 54. parte ſiniſtra ad calcem, & reſtabit, dies Menſis dati cum Horis, & Scrupulis poſt meridiem, quibus fit Nouilunium Medium, ac Plenilunium Pag. 60.

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nium Medium stylo Iuliano, stylo autem Gregoriano, addendi erunt dies 10. toto hoc sæculo, alijs autem sæculis plures iuxta dicta *Præcepto* 19.

*Exemplum.*

Quæritur Nouilunium Medium Anni 1661. Christi, Mense Septembri, calculus ex Tabula 54. infrascriptâ methodo ordinandus erit. *Pag. 60.*

| | D. | H. | I | II |
|---|---|---|---|---|
| *Radix Anni* 1600. | 6 | 7 | 46 | 59 |
| *Anni* 60. | 3 | 7 | 10 | 40 |
| *August. complet.* | 6 | 18 | 7 | 35 |
| *Summa* | 16 | 9 | 5 | 14 |
| *Reuolutionis Coniunct.* ☌ | 29 | 12 | 44 | 3 |
| *Deme* | 16 | 9 | 5 | 14 |
| *Restat* ☌ *media Septembr.* | 13 | 3 | 38 | 49 |
| *Sed Gregoriano stylo* | 23 | 3 | 38 | 49 |
| *Reuolutioni* ☍ | 44 | 7 | 6 | 5 |
| *Deme item* | 16 | 9 | 5 | 14 |
| *Restat* ☍ *medium Septemb.* | 27 | 22 | 0 | 51 |
| *Sed Gregoriane Octob.* | 7 | 22 | 0 | 51 |

*Argoli error.* Hoc Nouilunium Eclipticum Romæ repræsentat Argolus in suis Ephemer. sed falsò, latitudo enim Australis adiuncta Parallaxi Solem Romę liberat ab omni Eclipsi.

Præcept. 73. *Dato Tempore Medij Nouilunij, aut Plenilunij, Momentum Veri Nouilunij, aut Plenilunij inuenire.*

Ad tempus datum Nouilunij, aut Plenilunij Medij, collige per Præcepta 55. & 61. Vera Luminarium loca, &, si reperta fuerint in eodem Zodiaci Minuto, Medium Nouilunium cum Vero coincidet; sic si distent inter se per gradus 180. præcisè medium Plenilunium, & verum eodem momento celebrabuntur. Sin autem aliquot gradibus, vel scrupulis Luna præcesserit, vel subsecuta sit locum coniunctionis, aut oppositionis cum Sole: tunc cum Anomalia Lunæ æquata per *Prac.* 66. quære Horarium Lunæ motum, & per eum diuide differentiam inter loca Solis, ac Lunæ in ☌, vel inter locum Lunæ, & locum Soli oppositum; Quotiens enim dabit horas, & scrupula addenda Tempori Mediæ Syzygiæ, si Luna nondum erat assecuta Solem, aut locum Soli oppositum, vel subtrahenda si eum iam prætergressa est. Ad quod tamen momentum expedit iterare loca Luminarium, & si opus fuerit, iterum per Horarium Lunæ, momentum exactum Nouilunij, aut Plenilunij definire.

*Exemplum Plenilunij.*

Ex præcedentis Præcepti Exemplo, datur Anno 1661. Octobris 7. stylo Gregoriano Plenilunium Medium Bononiæ post Merid. Hora 22. 0'. 51". ad quod tempus Luminarium calculus sic se habet.

| | Sig. | Gr. | I | II |
|---|---|---|---|---|
| ☉ *Locus Solis medius* | 6 | 17 | 25 | 18 |
| *Anomalia Solis simplex* | 3 | 8 | 43 | 17 |
| *Aequatio subtrahenda* | 0 | 1 | 57 | 54 |
| *Verus locus Solis* | 6 | 15 | 27 | 24 |
| ☾ *medius motus* | 0 | 17 | 29 | 15 |
| *Anomalia Lunæ media* | 6 | 16 | 3 | 58 |
| *Aequatio Orbis Addenda* | 0 | 1 | 25 | 8 |
| *Lunæ Verus locus* | 0 | 18 | 54 | 24 |
| *Anomalia Lunæ æquata* | 6 | 17 | 29 | 6 |
| *Differentia loci* ☾, & ☉ | 0 | 3 | 27 | 0 |
| *Horarius Lunæ à* ☉ | 0 | 0 | 34 | 0 |
| *Tempus subtr. Tempori medio* | H. | 6 | 5 | 18 |
| *Verius igitur Tempus Plenilun.* | H. | 15 | 55 | 33 |

Oportet itaq; ad hoc ipsum tempus Verioris Plenilunij nempe Horas 15. 55'. 33". calculum iterare, qui succinctè erit huiusmodi.

| | Sig. | Gr. | I | II |
|---|---|---|---|---|
| *Verus locus Solis* | 6 | 15 | 12 | 18 |
| *Anomalia* ☉ *æquata* | 3 | 6 | 30 | 17 |
| *Verus locus Lunæ* | 0 | 15 | 20 | 7 |
| *Anomalia Lunæ æquata* | 6 | 14 | 36 | 31 |
| *Excessus* ☾ *vltra* ☉ | 0 | 0 | 7 | 49 |
| *Horarius* ☾ *à* ☉ | 0 | 0 | 33 | 18 |
| *Tempus demendum* | 0 | 0 | 14 | 6 |
| *Verum Plenilunium* | H. | 15 | 41 | 27 |
| *Tempus apparens* | H. | 15 | 32 | 37 |
| Et tunc Lunæ locus correctus | 0 | 15 | 12 | 18 |
| Et Anomalia æquata | 6 | 14 | 29 | 0 |

Præcept. 74. *Præcognoscere an Plenilunium, vel Nouilunium sit Eclipticum.*

*Primus* modus, licet haud ita securus à parvo aliquo errore, absoluitur per *Prac.* 62. & 63. quibus inuenitur argumentum latitudinis, seu distantia Lunæ à propiore nodorum; cum quo argumento, in Tabella 55. inuenies statim terminos Eclipsis possibilis, alioquin si Luna à Nodo viciniore, plus absit, quam Termini Ecliptici requirunt, non erit possibilis Eclipsis: si autem intra illos terminos fuerit erit possibilis. *Pag. 60.*

*Exemplum.*

Anno 1661. Octob. 7. hora 15. 32'. 37", quo fiet Plenilunium Verum locus Nodi ☊ rite computatus erit Sign. 6. gr. 6. 0'. 29". Luna in ♈ gr. 15. 12'. 18". distans à Nodo ☊ Sign. 6. gr. 9. 12'. 49". sed in Nodo Australi gr. 9. 12'. 49". erit ergo necessaria Eclipsis; quia termini Eclipsis Lunaris, Luna ferè Perigeâ sunt gradi 11. 53'. minus autem Luna à Nodo distat.

*Secundus* tamen modus securior est: pro quò per *Præcept.* 59. quære apparentem semidiametrum Lunæ, & Vmbræ terrestris correctam, & per Præcept. 63. Veram Lunæ Latitudinem: nam si latitudo fuerit æqualis, aut maior aggregato semidiametrorum ☾, & Vmbræ, nulla erit Eclipsis; si minor, erit aliqua Eclipsis.

*Exemplum.*

Anno 1661. Octob. 7. H. 15. 32'. 37". post Merid. Bononiæ, sic se habent Lunares conditiones.

| | Sig. | Gr. | I | II |
|---|---|---|---|---|
| *Lunæ Locus Verus* | 0 | 15 | 12 | 18 |
| *Nodi* ☊ *locus Verus* | 6 | 6 | 0 | 29 |
| *Argumentum Latitudinis* | 6 | 9 | 11 | 48 |
| *Dist.* ☾ *ab* ☊ ☋ | 0 | 0 | 0 | 0 |
| *Latitudo Maxima* | 0 | 4 | 58 | 30 |
| *Latitudo Vera Lunæ* | 0 | 0 | 47 | 40 |
| *Anomalia* ☾ *æquata* | 6 | 14 | 29 | 0 |
| *Anomalia Solis* | 3 | 6 | 30 | 18 |
| *Semidiameter Vmbræ* | 0 | 0 | 48 | 30 |
| *Variatio auferenda* | 0 | 0 | 0 | 44 |
| *Semidiam. Vmbræ correcta* | 0 | 0 | 47 | 46 |
| *Semidiam.* ☾ *appar.* | 0 | 0 | 16 | 8 |
| *Aggregatum semidiametrorũ* | 0 | 0 | 63 | 54 |

Longè igitur minor est Latitudo vera ☾ Aggregato semidiametrorum; ac proinde necessariò Eclipsis Lunæ continget.

Præcept. 75. *Digitos Eclipsis Lunaris, seu illius quantitatem definire.*

Quia vulgò Luminarium discus in sui diametro Apparenti æstimatur pedalis magnitudinis, pes autem, Romano more, diuiditur in 12. vncias, seu digitos crassiores,



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tes; ideò quota quantitas Lunaris, Solarisue diametri Eclipsatur, tota solet exprimi, per tot digitos, & digitorum sexagesima scrupula. Hæc autem sic definies. Subtrahe veram Latitudinem Lunæ aggregato semidiametrorum Apparentium Lunæ, & Vmbræ correctæ, residuum enim dabit scrupula deficientia; duplicando deinde semidiametrum Lunæ apparentem habebis diametrum, sub quà in fronte Tabulæ 57. è regione scrupulorum deficientium, quæ sunt in latere sinistro, habebis Digitos Eclipticos cum suis scrupulis.

Pag. 66.

*Exemplum.*

In præcedenti Plenilunio semidiameter Lunæ fuit 16'. 8". Ergo Diameter 32'. 16". & Aggregatum Semidiametrorum Lunæ, & Vmbræ 63'. 54". cui subtracta Latitudine vera Lunæ, quæ ibidem fuit 47'. 40". restant scrupula deficientia 16'. 14". è quorum regione in Tab. 57. sub Diametro 32'. 16". adhibita parte proportionali reperiuntur Digiti Ecliptici 6. 5'. est igitur hæc Eclipsis partialis, seu sex digitorum, & 5. minutorum. At si essent Digiti 12. esset Totalis absq; mora; si plures, quam 12. totalis cum mora.

Præcept. 76. *Durationem Lunaris Eclipsis, & ipsius initium, finemq; determinare, immò, & moram in tenebris, si sit totalis cum mora.*

*Incidentia* scrupula vocant Astronomi, illa Zodiaci, seu orbitæ Lunaris scrupula, quæ Luna peragrat ab initio Eclipsis, vsq; ad medium; Scrupula verò *Repletionis*, quæ à medio ad finem percurrit. Scrupula autem *Moræ dimidiæ*, illa, quæ conficit Luna à momento totalis obseruationis vsq; ad medium.

Partialis itaq; Eclipsis durationem sic inuenies: quære in fronte Tabulæ 59. summam semidiametrorum Lunæ, & Vmbræ correctæ, & è regione veræ Latitudinis Lunæ, quæ est in sinistro latere, habebis scrupula *Incidentiæ*. Deinde reperto, vt supra cum Anomalia Lunæ æquata Horario motu Lunæ à Sole, per hunc diuide scrupula *Incidentiæ*; subtilius tamen facies, si resolutâ horâ vnâ in scrupula 60. per hæc multiplices scrupula Incidentiæ, & productum diuidas per Horarium motum; prodibunt enim Horæ horarumue scrupula, quæ momento Plenilunij subtracta dabunt initium Eclipsis, addita verò finem.

Pag. 68.

*Exemplum.*

In præcedenti Plenilunio summa semidiametrorum Lunæ, & Vmbræ reperta est 63'. 54". & vera Lunæ latitudo 47'. 40". è cuius regione in Tabula 59. sub summa 63'. 54". adhibita parte proportionali, reperiuntur *Incidentia* scrupula 42'. 32". *Horarius* autem Lunæ repertus supra fuit 33'. 18". Resolutis itaq; minutis in secunda, fit Horarius secundorum 1998". & Incidentia secundorum 2552". quæ ductæ per Horæ vnius Minuta 60'. faciunt 153120". & hęc diuisa per 1998". relinquunt Horę minuta 76 $\frac{13}{18}$. hoc est Horā 1. 16'. 39". quæ à Plenilunij Ecliptici momento supra Præc. 73. reperto post Meridiem Hor. 15. 32'. 37". subducta, & postea adiecta, ac tandem aggregata, dant Eclipsis Initium, & Finem, ac Durationem vt infra.

| | Post Meridiem Bononiæ | | |
|---|---|---|---|
| In ☌ Orbitæ | H. | I | II |
| *Initium Eclipsis* | 14 | 15 | 58 |
| *Medium* | 15 | 32 | 37 |
| *Finis* | 16 | 49 | 16 |
| *Duratio tota* | 2 | 33 | 18 |

*Totalis* verò Eclipsis *cum Mora* sic absoluenda est. *Primò* quære vt supra scrupula *Incidentiæ*, quæ in hoc casu comprehendunt etiam dimidium Moræ, ideoq; Tabulæ 59. Titulus habet: *Scrupula Incidentia, & semimora in Eclipsi* ☽; & ea per Horarium diuide, vt supra.

Pag. 68.

*Secundò* subtrahe semidiametrum Lunæ, semidiametro Vmbræ, illiusq; residuum quære in fronte Tabulæ 58. cui titulus est: *Scrupula Incidentia in Eclipsi* ☉, *& semimora in Eclipsi* ☽; nam è regione veræ latitudinis Lunę, in sinistro latere adnotatæ, habebis scrupula semimoræ, diuidenda per Horarium Lunæ motum, vt prodeat tempus subtrahendum momento Plenilunij Ecliptici, & habeas initium totalis obscurationis; addendum autem, vt habeas initium emersionis ab Vmbra Terræ.

Pag. 67.

*Monita pro subtiliori calculo Eclipsis Lunaris.*

*Primò* nondum decisa est illa controuersia, an Plenilunij momentum sit illud, quò Luna in Orbita sua distat à Sole gradibus præcisè 180. an illud, quo locus Lunæ ad Eclipticam reductus, distat item gr. 180. à Sole; an verò quando centrum Lunæ, & centrum Vmbræ æqualiter distant à propiore Nodo: quod monuit *Keplerus* in Rudolphinis ad finem Præcepti 155. Neglecto tamen casu tertio; si Plenilunium, quod hactenus in orbita considerauimus, reducere volumus ad Eclipticam per Præcept. 64. tunc si reductio fuit adiectiua, illius scrupula per Horarium diuisa, subtrahenda sunt momento Plenilunij prius vsurpato; addenda verò si fuit subtractiua.

*Exempli* gratia in Plenilunio Præcepti 73. Locus ☽ in orbita erat Sign. 0. 15. 12'. 18'. Argumentum autem Latitudinis Sign. 6. grad. 9. &c. Ergo reductio subtractiua 2'. 10". & locus Eclipticus Sign. 0. 15. 10'. 8". Horarius autem erat 33'. 18". ex quo minutis 2'. 10". debentur temporis minuta 3'. 21". quæ adiecta horis 15. 32'. 37". Dant Plenilunium Eclipticum hac ratione Hora 15. 35'. 58". ex quo cœtera initij, ac finis momenti æstimanda sunt, & limanda: essentq;.

| In ☌ | Respectu Eclipticæ. | | |
|---|---|---|---|
| | H. | I | II |
| *Initium* | 14 | 19 | 19 |
| *Medium* | 15 | 35 | 58 |
| *Finis* | 16 | 52 | 37 |

*Secundò* monendus est Astronomicæ subtilitatis studiosus, de eo quod fusius explicaui Libro 5. Almagesti Noui in Scholio Capitis 6. videlicet non esse idem momentum Plenilunij Ecliptici, & maximę obscurationis, nec esse contemnendam hanc differentiam, quæ peruenire aliquando potest ad 6. minuta horaria. Cœterum, cum tunc fiat maxima obscuratio, quando Lunæ locus in orbita exactè distat à Sole gradus 180. quia tunc arcus ductus ad orbitam Lunæ orthogonaliter ex centro Vmbræ breuior est, quàm arcus ductus à centro Lunæ orthogonaliter ad Eclipticæ punctum, in quò est Vmbrę centrum, vt ibidem demonstraui; in quo secundo casu iam reducitur Plenilunium ex orbita ad Eclipticam, qui differentiam hanc per primum monitum repererit, habebit simul differentiam Plenilunij Ecliptici, & momenti maximæ obscurationis. Quare in nostro Exemplo maxima obscuratio digitorum 6. 5'. contingit hora 15. 32'. 37". Sed Plenilunium Eclipticum ab Ecliptica, & non solùm ab Eclipsi sic denominatum, contingit Hora 15. 35'. 58".

Præcept. 77. *Latitudinem Veram Lunæ ad initium, finemq; Eclipsis determinare.*

Per Præceptum 58. quære Horarium motum Solis, & per eum duc scrupula Incidentiæ Pręcepto 76. reperta, & habebis verum Solis motum congruentem tempori dimidiæ durationis, quem adde scrupulis incidentiæ, & moræ dimidiæ simul, & summam subtrahe Argumento latitudinis ad medium Eclipsis, & prodibit Argumentum latitudinis ad initium Eclipsis; at si eidem Argumento ad medium addas summam prædictam, habebis argumentum latitudinis ad finem.

*Exem-*

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*Exemplum.*

In præcedenti Plenilunio Horarius motus Solis erat 2'. 29''. ergo motus dimidiæ durationis Eclipsis congruens nempe horæ vni, & 16'. 39''. fuit 3'. 6''. Scrupula verò Incidentiæ præcepto 76. reperta fuerunt 42'. 32''. quibus addendo 3'.6''. fit summa 45'. 39''. Argumentum latitudinis ad medium Eclipsis fuit Sign. 6. gr. 9. 11'. 48''. huic subtrahendo summam 45'. 39''. restat Argumentum Latitudinis pro initio Eclipsis Sign. 6. gr. 8. 26'. 9''. quibus in Latitudinis Tabula 44. congruit Latitudo Australis 43'. 43''. ad initium Eclipsis; sed si eandem summam 45'. 39''. addas Argumento latitudinis ad medium, fit latitudinis Argumentum Sign. 6. gr. 9. 57'. 27''. pro fine Eclipsis, cui congruit latitudo Australis 51'. 31''. sunt igitur Latitudines Lunæ notandæ, vt infra semper Australes.

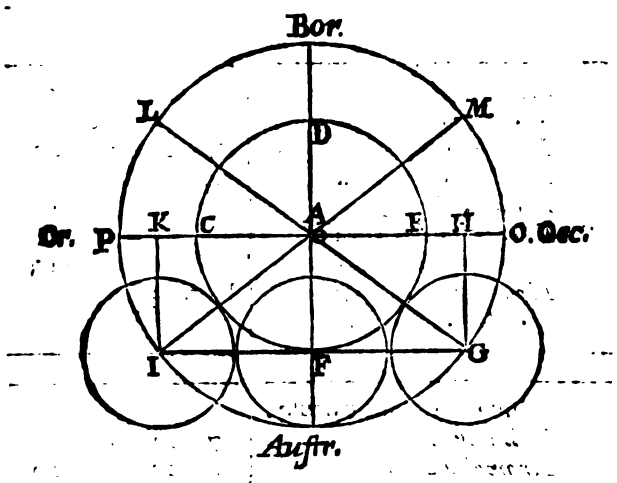
Pag. 51.

Latitudo Vera ☽

| *In Eclipsis* | | *I* | *II* |
|---|---|---|---|
| *Initio* | A | 43 | 43 |
| *Medio* | A | 47 | 40 |
| *Fine* | A | 51 | 31 |

Præceptum 78. *Typum Lunaris Eclipseos Delineare.*

Cognita Latitudine vera Lunæ, ipsiusq; specie per Præcept. 77. facilè Typus Lunaris deliquij graphicè designabitur, vnà cum Inclinatione ad Horizontis plagas, per regulas quas fusè tradidi l. 5. Almagesti Noui cap. 7. Typus itaq; præcedentis Eclipsis erit infrascriptus.




Vmbræ centrum sit A, eius semidiam. AF, discus Vmbræ terrestris FCDE, Lunæ latitudo in medio Eclipsis AF, in principio autem GH, & in fine IK, plaga in quam vergit Eclipsis initium est L, designata per lineam GAL, & plaga in quam vergit finis est M, designata per lineam IAM, inclinatio ad initium Angulus GAO, ad finem angulus IAP.

*Corollarium contrà Argolum.*

Perperam igitur Argolus, aut eius Alumni hanc Eclipsim Lunarem Anni 1661. Octob. 7. nobis depinxerunt cum Latitudine Boreali, cum semper sit Australis, vt nihil dicam de Eclipsis tempore quadraginta circiter minutis anticipato ab ipsis.

*Error Argoli.*

Præcept. 79. *Tempus Eclipsis Aequale ad apparens reducere.*

Conuersionem temporis apparentis in Aequale, & vicissim Aequalis in Apparens, iam docui *Præcepto* 16. & hoc iam vsus sum in Exemplo Plenilunij Ecliptici Præcept. 73.

Præcept. 80. *Regiones orbis Terræ perlustrare, in quibus Eclipsis Lunæ spectabilis erit, aut non.*

Id non sine facilitate, & iucunditate absoluitur per *Crucem Geographicam*, quam olim edidimus, & iterum lib. 10. *Geographiæ Reformatæ* inseruimus, illuc igitur Lectorem ablegamus: eo enim instrumento statim apparebit, vbi nam sit nox ad initium, medium, finemq; Eclipsis, atq; adeò vbi spectari potuit, aut poterit illa phasis Eclipseos; & è contrario vbi tunc dies, atq; adeò vbi Terrarum illa phasis non poterit spectari; potest tamen præsertim beneficio refractionis initium, ac finis etiam paulo ante occasum, & paulo post ortum Solis conspici.

Si verò de aliquo peculiari Terræ loco sis sollicitus, exempli gratia de *Lima* Vrbe Regum in Peruuio: colligе ex Catalogo, seu Tabula 14. differentiam temporis addendam pro orientaliori, subtrahendam pro Occidentaliori loco respectu Bononiæ, & transfer illuc tempus à Meridie; Deinde ex Tab. 11. excerpe semidiurnum, ac seminocturnum tempus mediante loco Solis, nam si Horæ, & Scrupula post meridiem adscripta, initio, medio, finiue Eclipsis excedant semidiurnum tempus, sed non excedant aggregatum ex semidiurno, & nocturno tempore, Nox erit in illo loco, & phasis illa Eclipsis ibi erit spectabilis; secùs autem dies erit, & non spectabilis nisi in confinio diei noctisq;.

Pag. 9.

*Exemplum pro Lima.*

| | | | | |
|---|---|---|---|---|
| *Lima Differentia Temporis* | | H. | 6 | 11' |
| *Subtrahēda Bonon. tempori* | | | | |
| *Poli Altitudo Austrina* | | Gr. | 12 | 20' |
| ☽ *Locui* ♎ | | Gr. | 15 | 12' |
| *Semidiurnum tempus* | | H. | 5 | 55 |
| *Seminocturnum* | | H. | 6 | 5 |
| *Nocturnum* | | H. | 12 | 10 |
| Eclipsis | Initium *Bonon.* | H. | 14 | 15 58'' |
| | Initium *Lima* | H. | 8 | 4 58 |
| | Mediū *Bonon.* | H. | 15 | 32 37 |
| | Mediū *Lima* | H. | 9 | 21 37 |
| | Finis *Bonon.* | H. | 16 | 49 16 |
| | Finis *Lima* | H. | 10 | 38 16 |

Cùm ergo tam ab initio, quam in fine, tempus post Meridiem Limæ excedat semidiurni temporis quantitatem, & non excedat aggregatum ex semidiurno, & nocturno, quod est horarum 16. 5'. spectabilis erit Limę totus hoc Eclipsis Lunæ.

Præcept. 81. *Inuenire in quorum Meridiano futura sit Luna in summo Eclipsis, & quibus Verticalis erit.*

*Primum* disquire, an Luna tempore Plenilunij Ecliptici sit in Hemisphærio orientali, si nimirum contingat ante mediam noctem sequentem; an in Occidentali, si videlicet contingat Plenilunium post mediam noctem, idest post horas 12. à meridie numeratas: *Deinde* si in Orientali, subtrahe tempus apparentis Plenilunij horis 12. at si in Occidentali, subtrahe tempori Plenilunij horas 12. & residuum conuerte in gradus Æquatoris, horum enim quantitas ostendet distantiam Meridiani, in quo est Luna in summo Eclipsis à Meridiano Tabularum versùs Orientem in primo casu, aut Occidentem in secundo casu. *Tertiò* cum vera Latitudine, & loco eius in Ecliptica inquire per Præceptum 54. Declinationem Lunæ quanta enim erit, tanta erit altitudo Poli loci illius, cui in præinuento Meridiano Verticalis erit Luna in summo Eclipsis.



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*Exemplum.*

Plenilunium Eclipticum, de quo supra in Exemplo *Praecepti* 73. & 74. contingit Horis 15. 32'. 37''. post Meridiem Bononiæ. Luna ergo respectu Meridiani Bononiensis erit in Hemisphærio Occidentali, & subtractis horis 12. restant horæ 3. 32'. 37''. hoc est gradus 53. 9'. 15''. quot scilicet versus Occidentem distat Meridianus quæsitus à Meridiano Bononiensi.

Porrò Luna tunc erit in Arietis gr. 15. 12'. cuius Declinatio Borea est gr. 6. 0'. 6''. & Latitudo Austr. Lunæ 47'. 40''. quibus in Tabula 34. respondet Æquatio 42'. subtrahenda Declinationi Boreæ, vnde restat Declinatio Lunæ gr. 5. 18'. Ergo locus ille, qui in Meridiano prædicto habet Poli Borei Altitudinem gr. 5. 18'. habebit Lunam vertici imminentem Eclipsis summæ momento. Lustratis ergo chartis Cosmographicis inuenies locum illum, eius enim Longitudo ab Insula Palma est gr. 341. 20'. 45''. & Latitudo Borea gr. 5. 18'.

## *Epilogismus Totius præcedentis Calculi Plenilunij Ecliptici.*

Anno 1661. Octobr. 7. Hora Bononiæ post meridiem æquali 15. 41'. 27''. sed Apparenti 15. 32'. 37''.

| | Sig. | Gr. | I | II |
|---|---|---|---|---|
| *Solis locus Verus* | 6 | 15 | 12 | 18 |
| *Anomalia Solis æquata* | 3 | 6 | 30 | 16 |
| *Luna locus verus in Orbita* | 0 | 15 | 12 | 18 |
| *Nodi ☊ locus verus* | 6 | 6 | 0 | 29 |
| *Argumentum latitudinis* | 6 | 9 | 11 | 48 |
| *Locus ☽ verus in Eclipticâ* | 0 | 15 | 10 | 8 |
| *Latitudo ☽ Austral.* | | | 47 | 40 |
| *Semidiameter ☽ Appar.* | | | 16 | 8 |
| *Semidiametr. Vmbræ correcta* | | | 47 | 46 |
| *Aggregatum semidiametrorum* | | | 63 | 54 |
| *Diameter integra ☽* | | | 32 | 16 |
| *Scrupula deficientia* | | | 16 | 14 |
| *Digiti Eclipsandi* | D. | 6 | 5 | 0 |
| *Horarius ☽ à ☉* | | | 33 | 18 |
| *Horarius ☉ verus* | | | 2 | 29 |
| *Incidentia scrupula* | | | 42 | 32 |
| *Semiduratio Eclipsis* | H. | 1 | 16 | 39 |
| *Tota duratio* | H. | 2 | 33 | 18 |
| *Initium Eclipsis p. m.* | H. | 14 | 15 | 58 |
| *Medium Bononiæ p. m.* | H. | 15 | 32 | 27 |
| *Finis post merid.* | H. | 16 | 49 | 16 |
| *Latitudo ☽ A. ad initium* | | | 43 | 43 |
| *Latit. ☽ A. in fine* | | | 51 | 31 |
| *Summa Obscurationis momẽtum* | H. | 15 | 32 | 37 |
| *Sed Plenilunium respectu loci ☽ Ecliptici.* | H. | 15 | 35 | 58 |
| *Longitudo Meridiani, in quo ☽ in medio Eclipsis* | G. 341 | 20 | 45 | |
| *Altitudo Poli loci, cui in dicto Meridiano Luna erit Verticalis, in summo Eclipsis.* | 5 | 18 | Bor. | |

Præceptum 82. *Ordinem seruandum in Epilegismo Eclipsis Solaris præcognoscere.*

Desiderabile profecto est præcogitare quo tandem euasurus sit labor calculi tam operosi, & per quos gradus ad finem optatum sit scandendum. Quæ itaq; inquirenda sunt, ordinatim recensebo, & sunt

| *Quærenda* | per *Præceptum* |
|---|---|
| *Nouilunium Medium* | 72 |
| *Nouilunium Verum* | 73 |
| *Vel per præcepta simul* 55. 61. 66. | 67 |
| *Tempus Apparens Nouilunij Veri* | 16 |
| *Verus locus Luminarium* | 55. 61 |
| *Anomalia Luminarium æquata* | 55 61 |
| *Ascensio Recta Solis* | 46 |
| *Partes Æquatoris congruentes tempori* | 11 |
| *Ascensio Recta Medij Cœli, & hinc* | 50 |
| *Ascensio Obliqua gradus Ascendentis, & ipse Gradus Eclipticæ Ascendens.* | |
| *Nonagesimus Eclipticæ Gradus ab Ascendente numeratus.* | 90 |
| *Nonagesimi Altitudo* | 91 |
| *Nodi ☊ Borei locus verus* | 62 |
| *Nonagesimi Altitudo in orbita ☽* | 83 |
| *Parallaxis Horizontalis Luminarium in copulis* | 58 |
| *Parallaxis Lunæ à Sole in Altitudinem* | 84 |
| *Parallaxis ☽ in Longitudinem* | 85 |
| *Parallaxis Lunæ in Latitudinem* | 86 |
| *Parallaxis ☽ in longitud. ad vnam, aut alteram horam ante, vel post Nouilunium verum* | 87 |
| *Motus Lunæ Visus ad vnam alteramve horam* | 88 |
| *Nouilunium Apparens* | 89 |
| *Parallaxis ☽ in longitud. ad momentum Nouilunij Apparentis, & ad horas ante, vel post* | 90 |
| *Latitudo Vera, & Visa tempore Nouilunij apparentis* | 91 |
| *Digiti Eclipsis Solaris* | 92 |
| *Initium finis, ac Duratio Eclipsis Solis* | 93 |
| *Latitudo vera ☽ ad initium finemq; Eclipsis* | 94 |
| *Typus Solaris Eclipsis delineandus* | 95 |

Huc vsq; processit Astronomia vetus, ac noua promouit hanc inquisitionem ad præcipuas Phases Eclipsis Solaris, in diuersis regionibus spectabiles, sed præcipuè in illis in quibus totalis, aut centralis Eclipsis spectabitur: de quibus infra.

*Exemplum.*

Nouilunij Ecliptici Anni 1659. Nouemb. 14. Hora 3. 30'. post Meridiem æquatis Bononiæ.

| | Sig. | Gr. | I | II |
|---|---|---|---|---|
| *Solis locus verus* | 7 | 22 | 11 | 58 |
| *Anomalia Solis æq.* | 4 | 13 | 32 | 0 |
| *Luna locus verus* | 7 | 22 | 20 | 40 |
| *Anomalia ☽ æquata* | 4 | 8 | 53 | 0 |
| *Horarius ☽ à ☉* | | | 31 | 57 |
| *Excessus loci ☽ vltra ☌* | | | 8 | 42 |
| *Tempus his congruens* | | | 16 | 10 |
| *Nouilunium ergo verius Octobr. 14. p. m.* | Hor. | 3 | 13 | 50 |

| Instaurato tunc calculo. | | | | |
|---|---|---|---|---|
| *Solis locus verus* | 7 | 22 | 11 | 18 |
| *Anomalia Solis* | 4 | 13 | 31 | 20 |
| *Luna locus verus* | 7 | 22 | 11 | 16 |
| *Anomalia ☽ æquata* | 4 | 8 | 43 | 39 |
| *Horarius ☽ à ☉* | | | 31 | 56 |
| *Deficit ☽ à loco ☌* | | | | 2 |
| *Tempus his congruens* | | | | 3 |
| *Verum Nouilunium Octobris 14.* | H. | 3 | 13 | 53 |
| *Æquatio dierum addenda* | | | 12 | 55 |
| *Tempus apparens & vera* | H. | 3 | 26 | 48 |

Verum itaq; & exactum Nouilunium erit Bononiæ Anno 1659. Nouembr. 14. Hora Apparenti post merid. 3. 26'. 48''. existentibus Luminaribus correctè in Scorpij gr. 22. 11'. 18''.

Præcept. 83. *Altitudinem Nonagesimi in Orbita Lunæ, & ipsum Nonagesimum per alia præcepta reperire.*

Quære prius per *Præceptum* 46. Ascensionem Rectam loci Solis, & per Præc. 50. Gradum Eclipticæ Ascendentem, & Nonagesimum inde computatum; & per Præc. 91. Altitudinem Nonagesimi. Deinde locum Nodi ☊ Lunaris per Præc. 62. quem subtrahe à Nonagesimo, & cum Residuo ficto perinde, ac si esset Argumentum

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Pag. 51. mentum Latitudinis, quære in Tabula 44. Latitudinem addendam Altitudini Nonagesimi, si latitudo sit Borea, subtrahendam si Australis, sic enim obtinebis Altitudinem Nonagesimi in Orbita Lunæ.

*Exemplum in præcedenti Nouilunio.*

| | Sig. | Gr. | I | II |
|---|---|---|---|---|
| *Locus Solis verus* | 7 | 22 | 11 | 18 |
| *Ascensio Recta Solis* | | 229 | 34 | 23 |
| *Tempus à Meridie appar.* | H. | 3 | 26 | 48 |
| *Partes Æquatoris* | | 51 | 42 | 0 |
| *Ascensio Recta puncti culminãtis* Additis 90. fit | | 281 | 16 | 23 |
| *Ascensio Obliqua Ascendentis* | | 11 | 16 | 23 |
| *Altitudo Poli Bononiæ* | | 44 | 30 | 20 |
| *Ascendens* | ♈ | 21 | 4 | 0 |
| *Ergo Nonagesimus* | ♑ | 21 | 4 | 0 |
| *Et Nonagesimi Altitudo* | | 23 | 50 | 0 |
| *Nodi ☊ ☋ locus verus* | 7 | 12 | 43 | 55 |
| *Argumentum latitudinis fictum* | 2 | 8 | 20 | 5 |
| *Et Latitudo Bor.* | | 4 | 37 | 22 |
| *Altitudo Nonagesimi in Orbita Lunæ* | | 28 | 27 | 22 |

Præcept. 84. *Parallaxim Horizontalem Lunæ à Sole reperire.*

Cum Anomalia Solis, & Lunæ coæquata quære in Pag. 47. Tabula 39. Parallaxim Horizontalem vtriusq; Luminaris; tum subtracta Solari Parallaxi à Lunari, remanebit Parallaxis ☋ à Sole Horizontalis.

*Exemplum in præcedenti Nouilunio.*

| | Sig. | Gr. | I | II |
|---|---|---|---|---|
| *Anomalia ☋ æquata* | 4 | 8 | 43 | 39 |
| *Anomalia ☉ æquata* | 4 | 13 | 31 | 20 |
| *Parallaxis Horiz. ☋* | | | 57 | 51½ |
| *Parallaxis Horiz. ☉* | | | | 1½ |
| *Parallaxis Horiz. ☋ à ☉* | | | 57 | 50⅓ |

Præcept. 85. *Parallaxim Lunæ in Longitudinem inuestigare.*

Pag. 61. Consule Tabulam 56. cui titulus est *Parallaxis Mecoplatica*, & in eius fronte quære Parallaxim Horizontalem Lunæ à Sole, Præc. 84. acquisitam, & in latere dextro, cui titulus *Latus Longitudinis*, Altitudinem Nonagesimi in Orbita ☋, per Præc. 83. præcognitam, in area enim communi inuenies Parallaxim Longitudinis Horizontalem Lunæ; qua vtendum esset, si Luna esset in ipso Horizonte. Quando autem est supra Horizontem, quære distantiam Lunæ à nonagesimo subtrahendo minus à maiori, & cum hac in eiusdem Tabulæ 56. latere dextro, in fronte autem cum Parallaxi Longitudinis Horizontali, inuenies in area communi Parallaxim Longitudinis ☋ absolutam, & exactam.

*Exemplum in Nouilunio præcedenti.*

| | Sig. | Gr. | I | II |
|---|---|---|---|---|
| *Altitudo Nonagesimi in Orbita* | | 28 | 27 | 22 |
| *Parallax. horiz. ☋ à Sole* | | | 57 | 50 |
| *Parallaxis horiz. Longitud.* | | | 27 | 33 |
| *Locus Verus Lunæ* | 7 | 22 | 11 | 18 |
| *Nonagesimus* | ♑ | 21 | 4 | 0 |
| *Distantia ☋ à Nonagesimo* | | 58 | 52 | 42 |
| *Parallaxis longitudinis* | | | 23 | 35 |

Præcept. 86. *Parallaxim Lunæ in Latitudinem inquirere.*

In Tabula Parallaxis Mecoplaticæ quæ est 56. quære Pag. 61. in fronte Parallaxim Lunæ à Sole Horizontalem, ipsam *Præcepto* 84. repertam, & in sinistro latere, cui titulus est: *Latus Latitudinis*, quære Altitudinem Nonagesimi in Orbita Lunæ *Præc.* 83. inuentam, & area communis, auxilio partis proportionalis, suppeditabit statim Parallaxim Latitudinis.

*Exemplum, de quo supra.*

| | Gr. | I | II |
|---|---|---|---|
| *Altitudo Nonagesimi in Orbita* | 28 | 27 | 22 |
| *Parallaxis ☋ à ☉ Horizontal.* | | 57 | 50 |
| *Parallaxis Latitudinis* | | 50 | 28 |

Præcept. 87. *Parallaxim Lunæ in Longitudinem ad vnam, aut alteram horam ante, vel post Nouilunium verum inuestigare.*

Necessarium est hoc præceptum, vt horarium Lunæ motum apparentem, & per eum initium finemq; Eclipsis Solaris addiscamus. *Primò* igitur gradibus Ascensionis Obliq. puncti Ascendentis in momento Nouilunij veri, pro singulis horis ante verum Nouilunium, auferquindenos gradus, pro horis autem post adde; prodibit enim punctum Eclipticæ Ascendens, illo tempore ante, vel post Nouilunium assumpto; cum quò per *Præceptum* 83. quære iterum Ascendentem, & Nonagesimum, & Nonagesimi Altitudinem in Orbita Lunæ.

*Secundò* retenta Parallaxi Horizontali Solis supra inuenta (quia hæc, intra paucas horas non variatur sensibiliter) cum Lunæ Anomalia ad tempus assumptum ante, vel post ☌ æquata, quære Parallaxim Horizontalem Lunæ, à Sole per *Præc.* 84. & per *Præc.* 85. Parallaxem Longitudinis, sed horizontalem tantummodo.

*Tertiò* loco Lunæ vero, quem obtinuit tempore Nouilunij veri pro singulis horis ante verum Nouilunium assumptis, toties subtrahe Horarium Lunæ à Sole, pro horis autem post Adde, & emerget verus locus Lunæ ad tempus assumptum ante, vel post Nouil.

*Quartò*, cum distantia veri huius loci Lunæ à Nonagesimo, & cum Parallaxi longitudinis Horizontali absolute *Præceptum* 85. & quære Parallaxim Lunæ in Longitudinem ad horam ante, vel post Nouilunium verum electum. Plerumq; autem vnica tantum hora solet assumi ante, vel post; ante quidem si Luna sit in quadrante Eclipticæ Orientali; post autem si in Occidentali. Quia ergo in Nouilunio præcedenti Luna est in Occidentali, inquiremus Hora vna post Nouilun. Veram Parallaxim Lunæ in Longitudinem.

*Exemplum Horæ 1. post Nouilunium Verum, de quò supra.*

| Erat Supra | Sig. | Gr. | I | II |
|---|---|---|---|---|
| *Ascensio Obliq. Ascendentis* | 0 | 11 | 16 | 23 |
| *Additis* | 0 | 15 | 0 | 0 |
| *Fit Ascensio Obliq. Ascend.* | | 26 | 16 | 23 |
| *Et Ascendens alter* | ♉ | 15 | 48 | 0 |
| *Ergo Nonagesimus* | ♐ | 15 | 48 | 0 |
| *Et Nonagesimi Altitudo* | 0 | 26 | 50 | 0 |
| *Nodi locus vt supra* | 7 | 12 | 48 | 55 |
| *Argumentum Latitudin.* | 2 | 2 | 54 | 5 |
| *Latitudo Borea* | | 4 | 25 | 34 |
| *Altit. Nonagesimi in Orbita ☋* | | 31 | 15 | 34 |
| *Parallax horiz. ☋ à ☉, vt supra* | | | 57 | 50 |
| *Parallaxis Longitudinis horiz.* | | | 30 | 0 |
| *Lunæ locus in vera Nouilun.* | 7 | 22 | 11 | 18 |

Hora-

| | Sig. | Gr. | ′ | ″ |
|---|---|---|---|---|
| *Horarius Lunæ Addendus* | | | 31 | 56 |
| *Locus Lunæ hora post Nouilun.* | 7 | 22 | 43 | 14 |
| *Distantia loci huius à Nonages.* | | 83 | 4 | 46 |
| *Ergo Parallaxis Longitudinis* | | | 29 | 49 |
| *Hora 1. ante Nouilun. Verum* | | | | |

Præcept. 88. *Motum Lunæ Visum ad vnam alteramue horam definire.*

*Primò* inuenta Parallaxi Longitudinis Lunæ ad initium, ac finem horæ assumptæ per *Prac* 87. subtrahe maiori Parallaxi minorem, & conserua Differentiam Parallaxium. Habeas etiam Horarium verum tempore Nouilunij.

*Secundò*, si toto tempore Horæ assumptæ Luna permansit in quadrante Zodiaci Orientali, & ad initium horæ assumptæ Parallaxis maior fuit, quàm in fine, subtrahe differentiam Parallaxium motui Horario, adde autem si minor, & habebis motum visum pro illa Hora. At si Luna toto illo tempore mansit in quadrante Occidentali, sitq; Parallaxis maior in initio horæ, quam in fine adde parallaxium differentiam horario Lunæ verò, si minor, subtrahe, prodibitq; motus Lunæ visus illi horæ congruens.

*Quòd* si Luna intra illam horam sit partim in Orientali, partim in Occidentali, vtramq; parallaxim, idest aggregatum parallaxium initio, & fine repertarum subtrahe Horario Lunæ verò, & habebis visum motum pro illa hora; sic enim faciendum contra *Reinholdum, Magnum, & Lansbergium* ratione, & exemplo demonstrauit *Rener. D. Vincentius Rainerus* in Nupertimis Tabulis Mediceis pag. 289.

*Exemplum.*

In præcedenti Nouilunio Luna mansit in Quadrante Orientali, tam in momento Nouilunij, quam in principio horæ vnius ante Nouilunium: proinde sic progrediemur in calculo.

| | ′ | ″ |
|---|---|---|
| *Parallaxis Longitudinis in Nouilunio* | 23 | 35 |
| *Parallaxis Longitudinis hora 1. post.* | 29 | 49 |
| *Differentia Parallaxium* | 6 | 14 |
| *Horarius ☽ Verus.* | 31 | 56 |
| *Ergo motus Visus ☽ illa hora* | 25 | 42 |

Præcept. 89. *Nouilunij apparentis momentum Definire.*

*Primò*, si Luna fuerit in Quadrante Orientali, quære motum eius visum vni horæ ante verum Nouilunium debitum per Præcept. 88. & si maior fuerit scrupulis parallaxeos Longitudinis ad tempus veræ synodi repertæ, per eum diuide scrupula Parallaxis; quotiens enim dabit scrupula temporis subtrahenda tempori apparenti Nouilunij Veri, vt emergat tempus apparens Nouilunij Apparentis, seu visæ Synodi.

*Secundò*, si Luna fuit in Quadrante Occidentali, quære per Præc. 88. motum eius visum debitumq; vni horæ post Nouilunium Verum, & si maior fuerit scrupulis parallaxeos Longitudinis veri Nouilunij, per illum diuide illa scrupula, vt emergat tempus addendum apparenti tempori Veræ Synodi, vt fiat momentum visæ Synodi.

*Tertiò*, si motus Horarius visus, minor fuerit Parallaxi Longitudinis repertâ in momento veri Nouilunij, subtrahe parallaxi motum horarium visum, & reserua Residuum parallaxis. Deinde per Præc. 88. inquire adhuc motum Lunæ visum debitum alteri horæ ante Nouilunium Verum in quadrante Orientali, post in Occidentali, & per hunc motum visum diuide Residuum Parallaxis; quotiens enim addità ei vnâ horâ, dabit tempus subtrahendum apparenti tempori Veræ Synodi, si Luna est in quadrante Orientali, addendum si in Occidentali, vt tandem habeatur momentum Visæ Synodi.

Deniq; si Luna sit in ipso nonagesimo, Vera, & Visa Synodus coincidunt.

*Exemplum.*

*In precedenti Nouilunio, quia Luna est in quadrante Occidentali, & Motus Horarius, visusq; repertus est hora 1. post verum Nouilunium 25′. 42″. Parallaxis autem Longitudinis in momento Veri Nouilunij reperta fuit 23′. 35″. Ergo Horarius maior est parallaxi hac. Dic ergo, si 25′. 42″. requirunt horam 1. seu 60′. minuta, quot minuta, & secunda requirunt 23′. 35″. vtiq; Resolutis tribus his numeris in serie Regulæ Aureæ, in secunda scrupulæ primus euadit 1542″. secundus 3600″. tertius 1415″. ducto igitur secundo per tertium, & summâ diuisâ per primum, euadit quartus numerus proportionalis 2304″. hoc est 55′. 4″. quæ addita tempori apparenti Veri Nouilunij, nempe ex dictis supra in fine Prac. 82. Horis 3. 26′. 48″. efficiunt tempus Visæ Synodi die 14. Nouembris, Hora 4. 21′. 52″.*

Præcept. 90. *Parallaxes Longitudinis Lunæ inuestigare tum pro momento Visæ Synodi cum Parallaxi Longitudinis, tum ad horas ante, vel post.*

Vt motus horarius visus, hora 1. ante, & post Visam Synodum habeatur, opus est parallaxi Longitudinis, pro hora 1. ante, & post. *Primò* igitur Differentiam temporis inter Veram, ac Visam Synodum conuerte in partes Æquatoris, & has subtrahe Ascensioni Obliquæ gradus Ascendentis tempore Veri Nouilunij, si Luna est in Quadrante Orientali, adde, si in Occidentali; vt emergat Ascensio Obliqua puncti Ascendentis tempore Visæ Synodi. Deinde quære per *Præceptum* 87. Parallaxes Longitudinis tempore Visæ Synodi, tum ad vnam horam ante, tum ad vnam horam post Visam Synodum.

Porrò vt habeas locum Lunæ tempore Nouilunij apparentis, & inde Distantiam Lunæ à Nonagesimo, pro inquisitione parallaxeos; duc interuallum temporis inter veram, & Visam Synodum per verum horarium Lunæ à Sole, & productum diuide per 60. & quotientem subtrahe loco Lunæ vero tempore veræ Synodi, si Luna est in quadrante Orientali, adde in Occidentali. Sed si Hora 1. ante, vel post Synodum visam Luna distet à Nonagesimo plusquam gr. 90. erit infra horizontem, & tunc frusta quæritur parallaxis.

*Exemplum.*

In præcedenti Nouilunio per Præc. 89. fuit interuallum Veræ, & Visæ Synodi 45′. 45″, cum quo sic operaberis.

| | Sig. | Gr. | ′ | ″ |
|---|---|---|---|---|
| *Interuallum ☌ Vera à Visa* | | | 55 | 4 |
| *Cuius partes Æquatoris* | | 13 | 46 | 0 |
| *Ascensio Obliqua Ascendentis in Vera ☌* | | 11 | 16 | 23 |
| *Ascensio Obliqua Ascendentis in Visa ☌* | | 25 | 2 | 23 |
| *Punctum Ecliptica Ascendens* | ♉ | 13 | 57 | 0 |
| *Nonagesimus ab eo* | ♒ | 13 | 57 | 0 |
| *Altitudo Nonagesimi* | | 25 | 52 | 0 |
| *Nodi locus vt supra* | 7 | 12 | 43 | 55 |
| *Argumentum Latitudinis* | 3 | 1 | 13 | 5 |
| *Latitudo Boreal. addenda* | | 4 | 58 | 24 |
| *Altitudo Nonages. in Orbita ☽* | | 30 | 50 | 24 |
| *Parallaxis ☽ à ☉ in altitu horiz.* | | | 57 | 50 |
| *Parallaxis Longit. Horizont.* | | | 29 | 40 |
| *Motus Horar. interuallo debitus* | | | 20 | 42 |
| *Locus ☽ verus in Synodo Visa* | 7 | 22 | 41 | 30 |
| *Distantia ☽ à Nonagesimo* | | 81 | 15 | 30 |
| *Parallaxis Longitudinis* | | | 29 | 22 |
| *Et Latitudinis parallax.* | | | 49 | 29 |

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Ad vnam autem Horam ante Visam Synodum, subductis gradibus 15. ab Ascensione obliqua Puncti Ascēdentis tempore visæ synodi, quæ fuit gr. 25. 2'. 23". restat Obliqua Ascensio Puncti Ascendentis hora 1. ante Visam Synodum, nempe grad. 10. 2'. 23". Hinc reliquus calculus.

| | Sig. | Gr. | ′ | ″ |
|---|---|---|---|---|
| *Ascensio Obliq. Puncti Ascend.* | 0 | 10 | 2 | 23 |
| *Punctum Eclipt. Ascendens* | ♈ | 18 | 49 | 0 |
| *Nonagesimus ab eo* | ♑ | 18 | 49 | 0 |
| *Nonagesimi Altitudo* | | 22 | 38 | 0 |
| *Nodi locus vt supra* | 7 | 12 | 43 | 55 |
| *Argumentum Latitudinis* | 2 | 6 | 5 | 5 |
| *Latitud. Boreal. addenda* | | 4 | 32 | 48 |
| *Altitud. Nonages. in Orbita ☽* | | 27 | 10 | 48 |
| *Parallax. ☽ à ☉ Horizont.* | | | 57 | 50 |
| *Parallax. Longit. Horiz.* | | | 26 | 26 |
| *Horarius verus subtr.* | | | 31 | 56 |
| *Verus ☽ locus hor. 1. ante Visā ☌* | 7 | 22 | 9 | 34 |
| *Distant. ☽ à Nonages.* | | 56 | 39 | 26 |
| *Parallax. longitudinis* | | | 22 | 5 |

Contra verò ad vnam Horam post Visam Synodum, additis gr. 15. Ascensioni Obliq. puncti Ascendentis in momento Visæ Synodi, fit ad 1. horam post Ascensio Obliqua Ascendentis, & reliqua vt infra.

| | Sig. | Gr. | ′ | ″ |
|---|---|---|---|---|
| *Ascensio Obliq. puncti Ascend.* | 0 | 40 | 2 | 23 |
| *Punctum Eclipt. Ascendens* | ♊ | 4 | 19 | 0 |
| *Nonagesimus ab eo* | ♐ | 4 | 19 | 0 |
| *Nonagesimi Altitudo* | | 30 | 27 | 0 |
| *Nodi locus vt supra* | 7 | 12 | 43 | 55 |
| *Argum. Latitud.* | 3 | 21 | 35 | 5 |
| *Latitudo Borea* | | 4 | 37 | 31 |
| *Nonages. Altit. in Orbita ☽* | | 35 | 14 | 31 |
| *Parall. ☽ à ☉ in altum vt supra* | | | 57 | 50 |
| *Parall. Longitud. Horiz.* | | | 33 | 12 |
| *Horarius verus addendus* | | | 31 | 56 |
| *Verus ☽ loc. h. 1. post visam ☌* | 7 | 23 | 13 | 26 |
| *Distantia ☽ à Nonagesimo* | 3 | 11 | 5 | 34 |
| Parallaxis Longitudinis frustra quæsita, nam ☽ iam infra Horizontem, est tamē maior, quàm | | | 57 | 50 |

Præcept. 91. *Latitudinem Lunæ Veram, & Visam ad tempus Nouilunij Visi inuenire.*

*Primò* per Præcept. 63. quære Argumentum verum Latitudinis ad momentum Veri Nouilunij, eiq; Parallaxim Longitudinis ad momentum Visi Nouilunij per Præc. 90. repertam subtrahe, si Luna manet in Quadrāte Orientali; Adde si in Occidentali, & fiet Argumentum verum Latitudinis, tempore visæ synodi cum quo per Præc. idem 63. inquire Veram Latitudinem.

*Secundò* Parallaxim latitudinis ad momentum Visæ Synodi supra Præcept. 90. repertam, compara cum Latitudine Vera, & si latitudo vera sit Australis Nobis Borealibus adde illi Parallaxim Latitudinis, conflabisq; latitudinem Visam Australem: si verò latitudo vera sit Borealis Nobis Borealibus, & maior Parallaxi Latitudinis, hanc illi subtrahe, restabitq; Visa latitudo adhuc Borealis. At si Parallaxis Latitud. maior sit latitudine vera Boreali, hanc parallaxi subtrahe, & restabit Visa latitudo, sed Australis.

Hinc disces, quid faciendum in Regionibus Australibus, ibi enim Latitudo Borealis, addita parallaxi, conflabit Visam Latitudinem Borealem, Latitudo autem Australis minor subducta parallaxi maiori, relinquet Latitudinem visam Borealem; At parallaxis minor, subducta Latitudini Australi relinquet Latitudinem Visam adhuc Australem.

*Exemplum in Nouilunio precedenti.*

| | Sig. | Gr. | ′ | ″ |
|---|---|---|---|---|
| *Locus ☽ verus in Vero ☌* | 7 | 22 | 11 | 18 |
| *Locus Nodi ☊ verus tunc* | 7 | 12 | 43 | 55 |
| *Argumentum verum Latitudinis* | 0 | 9 | 27 | 23 |
| *Parallaxis Longitudinis in Visa Synodo* | | | 29 | 22 |
| *Argumentum Latitud. in Visa ☌* | 0 | 9 | 56 | 45 |
| *Latitudo tunc ☽ Vera Bor.* | | 0 | 51 | 30 |
| *Parallaxis Latitud. in Visa ☌* | | | 49 | 49 |
| *Latitudo Visa in Visa ☌* | B. | 0 | 1 | 41 |

Præcept. 92. *Digitos, seu quantitatem Solaris Eclipsis determinare.*

Inquire in Tabula 39. Semidiametros Apparentes, Solis cum Anomalia Solis, & Lunæ cum Anomalia Lunæ, easq; simul aggrega, & ab aggregato semidiametrorum, subtrahe latitudinem Visam Lunæ per præcedens præceptum repertam; restabunt enim *scrupula deficientia*, cum quibus in latere sinistro Tabulæ 57. & cum integra *Solis diametro* appar. in fronte eiusdem Tabulæ obseruata, reperies, in concursu communi, *Digitos Solaris* Disci à Luna obscurandos. Pag. 47. Pag. 66.

*Exemplum in precedenti Nouilunio.*

| | ′ | ″ |
|---|---|---|
| *Semidiameter appar. ☉* | 15 | 55 |
| *Semidiameter app. ☽* | 15 | 49 |
| *Aggregatum Semidiametror.* | 31 | 44 |
| *Latitudo Visa ☽* | 1 | 41 |
| *Scrupula Deficientia* | 30 | 3 |
| *Diameter app. ☉* | 31 | 50 |
| *Digiti obscurati* | 11 | 1 | 8 |

Præcept. 93. *Motum Lunæ Visum ad horam 1. ante, & post Synodum Visam determinare, & inde Initium Finem, ac Durationem Solaris Deliquij constituere.*

*Primò* quære differentiam parallaxium Longitudinis in Visa ☌ quas Præc. 90. reperisti hora 1. ante, & post Visam Synodum, & per Præc. 88. quære motum ☽ Visum vtriq, Horæ congruentem.

*Secundò* consule Tab. 58. & in eius fronte quære aggregatum semidiametr. Solis, & Lunæ appar. in latere autem sinistro Latitudinem Visam in medio Visæ Synodi; area enim communis dabit *scrupula Incidentiæ*. Pag. 67.

*Tertiò*, duc *scrupula incidentiæ* per horam 1. seu per 60'. & productum diuide per motū Visum hora 1. ante visam synodum repertum; idemq; productum rursus diuide per motum visum horâ vnâ post repertum; *Primus* enim quotiens subtractus tempori apparenti Visæ Synodi, relinquit initium Eclipsis. *Secundus*, autem additus tempori Apparenti Visæ Synodi, conflabit finē, & vterq; quotiens simul Durationem Eclipseos.

*Exemplum in precedenti Nouilunio.*

| | ′ | ″ |
|---|---|---|
| *Horarius Verus ☽* | 31 | 56 |
| *Parallaxis Longitud. in ☌ visa* | 29 | 22 |
| *Parallax. longit. hor. 1. ante* | 22 | 5 |
| *Motus Visus huius horæ* | 24 | 40 |
| *Parallax. longit. hor. 1. post.* | 58 | proximè |
| *Motus Visus huius horæ* | 29 | 0 |
| *Aggregatum semidiametror.* | 31 | 44 |
| *Latitudo Visa* | 1 | 41 |
| *Incidentia scrupula* | 31 | 42 |

Tem-

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| | H. | I | II |
|---|---|---|---|
| *Tempus Incidentia* | 1 | 17 | 0 |
| *Tempus appar. Synodo Visa* | 4 | 21 | 52 |
| *Initium Eclipsis* | 3 | 4 | 52 |
| *Tempus Repletionis* | 1 | 5 | 0 |
| *Finis Eclipsis* | 5 | 26 | 52 |
| *Et tota duratio Hor.* | 2 | 22 | 0 |
| Semidiurnum tempus | 4 | 45 | 0 |
| Initium Italicè ☉ | 22 | 20 | 0 |
| Horolog. Ciuil. | 21 | 50 | 0 |

Præcept. 94. *Latitudinem Lunæ visam ad initium, finemq; Eclipsis definire.*

Pag. 51. Ingredere Tabulam 44. & in eius areis, quære Lunæ latitudinem visam ad Medium Eclipsis, supra Præc. 91. repertam in columna maximę latitudinis: obseruando Signa in fronte, & gradus in latere sinistro, si Latitudo est Bor. & Luna prope Nodum Boreum; si autem Latitudo visa est Australis, obserua signa in calce, & gradus in dextro latere. At si Eclipsis sit prope Nodum Australem, & latitudo sit Borea quære signa in calce, gradusq, in dextro latere; si Australis, signa in fronte, gradusq; in sinistro, respondentes Visæ latitudini; sic enim habebis Argumentum verum tempore visæ synodi; cui subtrahe scrupula incidentiæ supra reperta Præc. 93. & restabit Argumẽtum verum visæ Latitudinis ad initium Eclipsis; contra verò adde Argumento vero visæ synodi, scrupula incidentiæ, & constabis Argumentum verum Visæ latitudinis ad finem Eclipsis; Cum quo Argumento in eâdem Tab. 44. habebis Visam Latitudinem ad initium finemq; Eclipsis.

*Exemplum in Nouilunio ☽ prope Nod. ☊.*

| | Sig. | Gr. | I | II |
|---|---|---|---|---|
| *Latitudo ☽ visa in medio Eclips.* | B. | 0 | 1 | 41 |
| *Argumentum huic respondens* | 0 | 0 | 19 | 19 |
| *Scrupula Incidentia* | 0 | 0 | 31 | 42 |
| *Argum. Visæ latit. ad init.* | 11 | 29 | 47 | 37 |
| *Argumentum Visæ latit. ad finem* | 0 | 0 | 33 | 23 |
| *Latitudo Visa ad initium A.* | 0 | 0 | 1 | 3 |
| *Latitudo Visa ad finem B.* | 0 | 0 | 2 | 52 |

Præcept. 95. *Typum Solaris Eclipsis delineare.*

Reperta Latitudine Visa Lunæ ad Medium Eclipsis per Præc. 91. & ad initium, ac finem per Præc. 94. facile est ex dictis Præcepto 78. de Typo Lunaris Eclipsis Solarem quoq; delineare.

## *Epilogismus calculi præcedentis à Præc. 82. ad 94.*

Anno 1659. Nouembr. 14. Hora 3. 30'. post Merid. Bononiæ.

| | Sig. | Gr. | I | II |
|---|---|---|---|---|
| *Solis Locus Verus* | 7 | 22 | 11 | 58 |
| *Anomalia Solis aq.* | 4 | 13 | 32 | 0 |
| *Lunæ locus Verus* | 7 | 22 | 20 | 4 |
| *Anomalia Lunæ æquata* | 4 | 8 | 53 | 0 |
| *Horarius Lunæ à Sole* | | | 31 | 57 |
| *Excessus loci ☽ vltra ☌* | | | 8 | 42 |
| *Tempus excessui congruens* | | | 16 | 10 |
| *Ergo Nouilunium propius* | H. | 3 | 13 | 50 |
| Instauratq; tunc calculo. | Sig. | Gr. | I | II |
| *Solis locus verus* | 7 | 22 | 11 | 18 |
| *Anomalia Solis* | 4 | 13 | 31 | 20 |
| *Lunæ locus verus* | 7 | 22 | 11 | 16 |
| *Anomalia Lunæ æquata* | 4 | 8 | 43 | 39 |
| *Horarius Lunæ à Sole* | | | 31 | 56 |
| *Deficit ☽ ab ☌* | | | | 2 |
| *Tempus defectui congruens* | | | | 3 |
| *Verum ergo Nouilunium* | H. | 3 | 13 | 53 |
| *Aequatio dierum natural. addi* | | | 12 | 55 |
| *Tempus apparens vera ☌* | H. | 3 | 26 | 48 |
| *Luminaribus iunctis in* | ♒ | 22 | 11 | 18 |
| *Ascensio Recta loci ☉* | | 229 | 34 | 23 |
| *Partes Aequatoris tẽporis à Merid.* | | 51 | 42 | 0 |
| *Ascensio recta puncti culminantis* | | 281 | 16 | 23 |
| *Ascensio Obliq. ascendentis* | | 11 | 16 | 23 |
| *Altitudo Poli Bononiæ* | | 44 | 30 | 20 |
| *Punctum Ecliptica ascendens* | ♈ | 21 | 4 | 0 |
| *Nonagesimi altitudo* | 0 | 23 | 50 | 0 |
| *Nonagesimus Ecliptica* | ♑ | 21 | 4 | 0 |
| *Nodi ☽ Borei ☊ locus verus* | 7 | 12 | 43 | 55 |
| *Argument. latit. hinc, seu dist. ☊ à Nonagesimo* | 2 | 8 | 20 | 5 |
| *Latitudo Boreal. addenda* | 0 | 4 | 37 | 22 |
| *Nonagesimi altitudo in ☽ orbita* | 0 | 28 | 27 | 22 |
| *Parallaxis Horizontal. ☉* | 0 | 0 | 0 | 1 |
| *Parallaxis Horizontal. ☽* | 0 | 0 | 57 | 51 |
| *Parallax. Horizont. ☽ à ☉* | 0 | 0 | 57 | 50 |
| *Parallax. ☽ Horizont. longit.* | 0 | 0 | 27 | 23 |
| *Distantia ☽ à Nonagesimo* | 0 | 58 | 52 | 42 |
| *Parallax. Longitudinis ☽* | 0 | 0 | 23 | 35 |
| *Parallaxis Latitudinis ☽* | 0 | 0 | 50 | 28 |
| *Hactenus in momento vera ☌* | | | | |
| *Erat Ascensio Obliq. Ascendentis* | 0 | 11 | 16 | 23 |
| *Pro Hora 1. post verum ☌ adde* | 0 | 15 | 0 | 0 |
| *Fit Ascensio Obliq. Ascendentis* | 0 | 26 | 16 | 23 |
| *Et Ascendens Hora 1. post* | ♉ | 15 | 48 | 0 |
| *Nonagesimus ab eo* | ♒ | 15 | 48 | 0 |
| *Nonagesimi huius Altitudo* | 0 | 26 | 50 | 0 |
| *Nodi ☊ locus vt supra* | 7 | 12 | 43 | 55 |
| *Argumentum hinc latitudin.* | 2 | 2 | 54 | 5 |
| *Et latitudo Bor. addenda* | 0 | 4 | 25 | 34 |
| *Altitudo Nonagesimi in ☽ orbita* | 0 | 31 | 15 | 34 |
| *Parallax. Horiz. ☽ à ☉ vt supra* | 0 | 0 | 57 | 50 |
| *Parallax. longitud. Horizontal.* | 0 | 0 | 30 | 0 |
| *Luna locus in vera ☌* | 7 | 22 | 11 | 18 |
| *Horarius Lunæ addendus* | 0 | 0 | 31 | 56 |
| *Lunæ locus Hora 1. post ☌* | 7 | 22 | 43 | 14 |
| *Lunæ tunc distantia Nonagesimo* | 0 | 83 | 44 | 46 |
| *Parallaxis longit. Hor. 1. post ☌* | 0 | 0 | 29 | 49 |
| *Parallaxis longit. in ipso ☌* | 0 | 0 | 23 | 35 |
| *Differentia parallaxium longit.* | 0 | 0 | 6 | 14 |
| *Horarius ☽ à ☉ verus* | 0 | 0 | 31 | 56 |
| *Motus Visus pro Hora 1. ante ☌* | 0 | 0 | 25 | 42 |
| *Tempus ex hoc viso motu parallaxis* | 0 | 0 | 23 | 35 |
| *Respondens proportionaliter est* | 0 | 0 | 55 | 4 |
| *Erat autem Nouilun. Verum* | H. | 3 | 26 | 48 |
| *Ergo Nouilunium Visum* | H. | 4 | 21 | 52 |
| Et Tunc | | | | |
| *Interuallo Veræ, & Visa ☌* | 0 | 0 | 55 | 4 |
| *Aequatoris partes his respond.* | 0 | 13 | 46 | 0 |
| *Erat Ascensio obliq. ascẽd. in vera ☌* | 0 | 11 | 16 | 23 |
| *Ergo Asc. obliq. ascend. in visa ☌* | 0 | 25 | 2 | 33 |
| *Et punctum tunc ascendens* | ♉ | 13 | 57 | 0 |
| *Nonagesimus inde* | ♒ | 13 | 57 | 0 |
| *Altitudo Nonagesimi huius* | 0 | 25 | 52 | 0 |
| *Nodi locus ☊ vt supra* | 7 | 12 | 43 | 55 |
| *Argum. hinc latitudinis* | 3 | 1 | 13 | 5 |
| *Latitudo Boreal. addenda* | 0 | 4 | 58 | 24 |
| *Nonagesimi Altitudo in ☽ orbita* | 0 | 30 | 50 | 24 |
| *Parallax. ☽ à ☉ vt supra Horiz.* | 0 | 0 | 57 | 50 |
| *Parallax. ☽ longitud. Horiz.* | 0 | 0 | 29 | 40 |
| *Horarius interualli ☌ visæ, & veræ* | 0 | 0 | 29 | 42 |
| *Locus ergo Lunæ in Visa ☌* | 7 | 22 | 41 | 30 |
| *Distantia Lunæ à Nonagesimo* | 0 | 81 | 15 | 30 |

*Paral-*

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| | Sig. | Gr. | I | II |
|---|---|---|---|---|
| *Parallax. longit. in Visa ☌* | 0 | 0 | 29 | 22 |
| *Et Parallax. latitud.* | 0 | 0 | 49 | 49 |
| Deinde ad Hora 1. ante Visam Synodum. | | | | |
| *Ascensio Obliq. Ascend. in Visa ☌* | 0 | 25 | 2 | 23 |
| *demptis* | 0 | 15 | 0 | 0 |
| *Restat Asc. Obl. Ascendentis* | 0 | 10 | 2 | 23 |
| *Punctum Eclipt. Ascendens* | ♈ | 18 | 49 | 0 |
| *Nonagesimus inde Numerus* | ♑ | 18 | 49 | 0 |
| *Nonagesimiq; Altitudo* | 0 | 22 | 38 | 0 |
| *Nodi ☊ locus vt supra* | 7 | 12 | 43 | 55 |
| *Argument. hinc latitudinis* | 2 | 6 | 5 | 5 |
| *Latitudo Bor. addenda* | 0 | 4 | 32 | 48 |
| *Nonagesimi Altitud. in ☽ orbita* | 0 | 27 | 10 | 48 |
| *Parallax. Horiz. ☽ à ☉ vt supra* | 0 | 0 | 57 | 50 |
| *Parallax. Horiz. longitud.* | 0 | 0 | 26 | 26 |
| *Horarius verus subtrahendus* | 0 | 0 | 31 | 56 |
| *Locus ☽ Hora 1. ante Visam ☌* | 7 | 22 | 9 | 34 |
| *Dist. ☽ à Nonagesimo* | 0 | 56 | 39 | 26 |
| *Ergo parallaxis longitudinis* | 0 | 0 | 22 | 5 |
| Contra verò ad Horam 1. post Visam Synodum. | | | | |
| *Ascens. Obl. Ascendētis in Visa ☌* | 0 | 25 | 2 | 23 |
| *Additis* | 0 | 15 | 0 | 0 |
| *Fit Asc. Obliq. Ascendentis* | 0 | 40 | 2 | 23 |
| *Punctum Ecliptica Ascend.* | ♊ | 4 | 19 | 0 |
| *Nonagesimus inde comput.* | ♐ | 4 | 19 | 0 |
| *Nonagesimi huius altitudo* | 0 | 30 | 27 | 0 |
| *Nodi ☊ locus vt supra* | 7 | 12 | 43 | 55 |
| *Hinc Argumentum latitud.* | 3 | 22 | 35 | 5 |
| *Latitudo Bor. addenda* | 0 | 4 | 37 | 31 |
| *Nonagesimi Altitudo in ☽ orbita* | 0 | 35 | 14 | 31 |
| *Parallax. Horizontal. ☽ à ☉* | 0 | 0 | 57 | 50 |
| *Parallax. longitud. Horizontalis* | 0 | 0 | 33 | 12 |
| *Horarius verus addendus loco ☽* | 0 | 0 | 31 | 56 |
| *Locus ☽ Hora 1. post Visam ☌* | 7 | 23 | 13 | 26 |
| *Distantia ☽ à Nonagesimo* | 3 | 11 | 5 | 34 |
| *Parallax. longitudinis circiter* | 0 | 0 | 58 | 0 |
| *Luna enim infra Horizontem* | | | | |
| Reliquum Calculi. | | | | |
| *Argum. Verum latitud. in Vera ☌* | 0 | 9 | 27 | 23 |
| *Parallax. longitud. in Visa ☌* | 0 | 0 | 29 | 22 |
| *Argumentum latitud. in Visa ☌* | 0 | 9 | 56 | 45 |
| *Et tunc latitudo Vera ☽ Bor.* | 0 | 0 | 51 | 30 |
| *Parallax. latitudinis in visa ☌* | 0 | 0 | 49 | 49 |
| *Ergo latitudo visa Bor. in visa ☌* | 0 | 0 | 1 | 41 |
| *Semidiameter apparens Solis* | 0 | 0 | 15 | 55 |
| *Semidiameter apparens Lunæ* | 0 | 0 | 15 | 49 |
| *Aggregatum Semidiametrorum* | 0 | 0 | 31 | 44 |
| *Diameter apparens Solis* | 0 | 0 | 31 | 50 |
| *Latitudo Visa Lunæ* | 0 | 0 | 1 | 41 |
| *Digiti obscurati* | | 11 | 1 | 8 |
| *Horarius Verus ☽ à ☉* | 0 | 0 | 31 | 56 |
| *Parallax. longit. in Visa ☌* | 0 | 0 | 29 | 22 |
| *Parallax. longit. Hora 1. ante* | 0 | 0 | 22 | 5 |
| *Hora 1. post* | 0 | 0 | 58 | 0 |
| *Motus Visus Lunæ Hora 1. ante* | 0 | 0 | 24 | 40 |
| *Hora 1. post* | 0 | 0 | 29 | 0 |
| *Scrupula Incidentia* | 0 | 0 | 31 | 42 |
| *Tempus eorum* | H. | 1 | 17 | 0 |
| *Erit Tempus app. Visa ☌* | H. | 4 | 21 | 52 |
| *Ergo initium Eclipsis* | H. | 3 | 4 | 52 |
| *Et finis Eclipsis* | H. | 5 | 26 | 52 |
| *Et tota Duratio* | H. | 2 | 22 | 0 |
| *Semidiurnum tempus Bonon.* | H. | 4 | 45 | 0 |
| *Initium Eclips. Hora Italica ☉* | H. | 22 | 19 | 52 |
| *Medium Eclips. Hora Italica ☉* | H. | 23 | 36 | 52 |
| *Finis Hora Italica ☉* | H. | 0 | 41 | 0 |
| *Latitudo Visa ad Initium Austr.* | | 0 | 1 | 3 |
| *Latitudo Visa ad Medium Bor.* | | | 1 | 41 |
| *Latitudo Visa ad Finem Bor.* | | | 2 | 52 |

Obseruatum tamen fuit per Nubes vtcumq; initium huius Eclipsis Bononiæ aliquanto citius, siue ob causas Physicas, siue ob Lunæ occultum adhuc motum, quo incitatur in Eclipsibus, siue ob Parallaxim Longitudinis difformiter continuè variabilem.

*Hactenus Calculus Astronomiæ Vetustæ, quamuis non adeo accuratè olim absolui solitus: Reliqua ex Recenti Astronomia prosequamur, ac primum*

## *De Eclipsibus Horizontalibus.*

Præcept. 96. *Momentum temporis, quo Sol oritur, aut occidit discernere.*

*Primò*, ex Tabula 11. extrahe sub data Poli Altitudine, & cum loco Solis semidiurnum Tempus, hoc enim erit tempus à Meridie, quò Sol occidet, vel certè ob Refractionem paulo post minuta circiter 4. at si tempus semidiurnum demas horis 24. restabunt horæ post diei præcedentis meridiem, quibus Sol ortus est vel 4'. circiter citiùs ob Refractionem. *Pag. 5.*

Præcept. 97. *Vera Luminarium Loca in momento Ortus, Occasusue inquirere.*

In præcedenti Præcepto supposuimus Solem in Horizonte ipso Ortiuo, vel Occiduo. At quando Solis Eclipsis videnda est, Nouilunium, vel paulo post ortum, vel paulo ante occasum, succedit: ideoq; quando Sol præcisè ortum attingit, locum Nouilunij anteuertit, quando autem attingit occasum, subsequitur.

*Primò* igitur inquire differentiam temporis inter Ortum Solis, & Nouilunium, aut inter Nouilunium, & Occasum, & motum medium Solis tali differentiæ conuenientem, eumq; in Eclipsi Matutina, subtrahe loco, quem obtinebat Nouilunij tempore; in Vespertina autem adde, & habebis locum Solis ad momentum Ortus, Occasusue.

*Secundò* cum Anomalia Lunæ æquata quære Horarium Lunæ motum à Sole, & per hunc multiplica differentiam prædictam temporis; quod enim hinc proueniet, subtractum loco Lunæ in Nouilunio Matutino, vel additum in Vespertino, dabit locum Lunæ Visum pro momento Ortus, aut Occasus Solis.

Præcept. 98. *Parallaxim Lunæ in longum, & latum in momento Ortus, Occasusq; inquirere.*

*Primò* scrupula motus Lunaris debita interuallo temporis inter Nouilunium, & Ortum, vel inter Occasum Solis, & Nouilunium verum, auser vel adde Anomaliæ Lunari æquatæ, ad tempus veri Nouilunij; prout in præcedenti præcepto eadem scrupula subtraxisti, vel addidisti vero eiusdem loco: sic enim obtinebis Anomaliam Lunæ æquatam ad momentum eiusdem Ortûs, vel Occasûs, & cum Anomalia Lunæ sic æquata, quære Parallaxim Lunæ à Sole Horizontalem per Præcept. 58.

*Secundò* consule Tabulam 33. Altitudinis Nonagesimi, & in eius latere cum loco Lunæ tempore Ortus in Eclipsi Matutina, vel tempore Occasus in Vespertina; & sub Poli Altitudine data quære altitudinem Nonagesimi. Subtractoq; loco Nodi ☊ à Nonagesimo, cum residuo tanquam Argumento latitudinis, quære in Tabula 44. latitudinem Borealem addendam, vel Australem demendam Altitudini Nonagesimi, vt habeas Altitudinem Nonagesimi in orbita Lunæ. *Pag. 38.* *Pag. 51.*

*Tertiò* demum in Tabula 56. parallactica Obserua in fronte Parallaxim Lunæ Horizontalem à Sole, & in dextro latere Altitudinem Nonagesimi in Orbita Lunæ: area enim dabit parallaxim Lunæ in Longitudinem; At sub eadem parallaxi Horizontali in fronte, & cum Altitudine Nonagesimi in orbita Lunæ, in sinistro latere acquires parallaxim latitudinis optatam. *Pag. 61.*



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Præcept. 99. *Distantiam centrorum Solis, & Lunæ apparentem hora Ortus, vel Occasus eiusdem reperire.*

*Primò*, Loco Lunæ vero tempore ortus Solis assumpto adde Parallaxim Longitudinis Lunæ, si est Eclipsis matutina; sed si vespertina; eam subtrahe loco Lunæ; & habebis locum Lunæ visum ad dicta momenta. *Deinde* motum Lunæ debitum interuallo inter Nouilunium, & Ortum, Occasumue, de quo Præcept. 97. subtrahe argumento vero latitudinis Lunæ tempore synodi veræ reperto, si Eclipsis est matutina, vel adde, si vespertina; sic enim habebis argum. latitudinis ad dicta momenta.

*Secundò*, cum argumento dicto quære per Præc. 91. Latitudinem veram, & visam ad momentum ortus, occasusue.

*Tertiò*, collige differentiam loci Lunæ visi, à verò Solis orientis, vel occidentis loco, & cum ea in Tabulę 60. Pag. 71. latere sinistro, quære minuta, & in fronte secunda; area enim communis dabit scrupula *priora* (sic ea voco discriminis causa.) Iterum cum minutis visæ latitudinis in sinistro latere eiusdem Tabulæ, & cum secundis in fronte, quære scrupula *posteriora*.

*Quartò* aggregatum scrupulorum *priorum*, & *posteriorum*, quære in area eiusdem Tabulæ 60. nam latus sinistrum minuta; frons autem secunda monstrabit, quibus centra Luminarium videntur inter se distare.

Præcept. 100. *Digitos Eclipticos in momento Ortus, Occasusue Luminarium inuestigare.*

Pag. 47. Cum Anomalia Luminarium collige ex Tabula 39. semidiametros eorum apparentes, earumq; summæ subtrahe distantiam centrorum apparentem, Præcepto 99. repertam, & cum residuo, & cum diametro Solis, quære Pag. 66. in Tabula 57. digitos obscurandos, vsus scilicet residuo illo, tanquam si essent scrupula deficientia.

## *De Eclipsibus Solis in Hemisphærio subterraneo celebratis.*

Præcept. 101. *Semidiametrum disci Terræ ex Luna spectabilem inuenire.*

Ad momentum veri Nouilunij cum æquata Lunæ Pag. 47. Anomalia quære in Tabula 39. Parallaxim Lunæ Horizontalem, quanta enim hæc fuerit, tanta erit semidiameter Disci Terræ ex Lunâ spectata.

*Exemplum.*

*Anno 1657. die 11. Iunij, fuit Synodus Ecliptica hora apparenti post merid. Bononiæ 11. & 11'. coeuntibus Luminaribus in ♊ gr. 21. 12'. eratq; Lunæ Anomalia æquata nobis grad. 74. 57'. 22''. ac proinde parallaxis Horizontalis, & semidiameter Disci terrestris apparens 55'. 35''.*

Præcept. 102. *Nonagesimi Altitudinem reperire in ea regione, cui vero, & viso Nouilunio coeuntibus, sit Eclipsis Solis centralis, aut partialis.*

Collige ad tempus veri Nouilunij latitudinem Lunæ Pag. 61. veram, eandemq; obserua in areis Tabulæ Parallacticæ 56. sub semidiametro Disci Terræ, seu parallaxi Horizontali, præcepto præcedenti reperta. Nam è regione latitudinis in sinistro latere habebis Altitudinem Nonagesimi in ea regione, cui vera, & visa Synodus eodem momento apparebunt: & si latitudo fuerit Borea, Nonagesimus verget in Austrum, si verò Australis, in Boream.

*Exemplum.*

*In Eclipsis precedentis Exemplo, latitudo Lunæ veræ Borealis fuit 43'. 43''. & parallaxis Horizontalis 55'. 35''. sub qua in Tabula parallactica 56. è regione dictæ latitudinis reperitur Nonagesimi Altitudo 37. 25'. vergentis in Austrum.*

Præcept. 103. *Altitudinem Poli predictæ Regionis inquirere.*

Loco Eclipticę in quo celebratur verum Nouilunium, adde tria signa, seu gr. 90. & habebis punctum Ecliptica Ascendens prædicta Regione; cum quo in Tab. 33. lateribus reperto, & cum Nonagesimi Altitudine, præcedenti præcepto reperta, obseruataq; in area è regione Ascendentis, reperies in fronte Tabulæ Altitudinem Poli quæsitam.

At si in Tabul. 33. non inuenies dictam Nonagesimi Altitudinem; scito Eclipsim, aut non futuram centralem in Zonis Torridâ, & Temperatis, sed ad summum in frigidis; in Temperatis autem, aut Torridâ erit partialis Eclipsis, & perexigua. Tunc autem, vt Regionem addiscas, in qua erit perexigua Eclipsis, & Luna marginem Solis stringet, subtrahe summam semidiametrorum Solis, & Lunæ à vera latitudine Lunæ, quæ semper in his casibus maior erit, & cum residuo, in Tabulæ Parallacticæ 56. area, sub parallaxi Horizontali frontis quæsito, habebis in sinistro latere Altitudinem Nonagesimi, cum quà, & cum gradu Eclipticæ Ascendente, iuxta præcepti huius primam partem inuenies Altitudinem Poli Regionis Optatæ. Pag. 61.

*Exemplum.*

*In predicta Eclipsi locus synodi vera fuit ♊ gr. 21. 12'. additis signis 3. fit Ascendens ♍ 21. 12'. è cuius regione in areis nusquam reperitur Nonagesimi Altitudo gr. 37. 25'. Ergo Eclipsis non fuit centralis intra Torridas, aut Temperatas.*

Igitur vt notæ sit Poli Altitudo illius regionis vbi margo Lunæ, marginem Solis tantummodo stringit, pergamus in calculo.

| | Sig. | Gr. | ′ | ″ |
|---|---|---|---|---|
| *Anomalia Solis* | | 11 | 12 | 34 | 0 |
| *Anomalia ☾ æquata* | | 2 | 14 | 57 | 22 |
| *Semidiametr. appar. ☉* | | | | 15 | 32 |
| *Semidiameter appar. ☾* | | | | 15 | 17 |
| *Summa semidiametrorum* | | | | 30 | 49 |
| *Latitudo Lunæ vera Bor.* | | | | 43 | 43 |
| *Residuum summæ* | | | | 12 | 54 |
| *Erat Parallax. Horizontalis* | | | | 55 | 35 |
| *Altitudo Nonagesimi* | | | 76 | 25 | 0 |
| *Erat punctum Ascendens* | | ♍ | 21 | 12 | 0 |
| *Poli Altitudo* | | | 36 | 35 | 0 |

Igitur Regioni, cui Polus Boreus eleuatur gr. 36. 35'. minima fuit Eclipsis, & margo Lunæ marginem Solis tantummodo libauit: in reliquis ergo Altitudinib. Poli maioribus fuit Eclipsis aliqua partialis.

Præcept. 104. *Eclipses in Australi Plaga celebrandas computare.*

Quando latitudo Lunæ Australis fuerit, & parallaxis latitudinis, illi iuncta in qualibet Regione Boreali, faciet summam maiorem aggregato semidiametrorum Luminarium, Eclipsis non continget nisi in Regionibus Australibus, & tunc omnia, quæ huc vsq; peracta sunt à Præcepto 101. pro inueniendo loco centralis Nouilunij veri, ac visi, rursus peragenda erunt, sed cum gradu Eclipticæ opposito gradui in quo Nouiluniũ celebratur.

Præcept. 105. *Digitos Eclipticos centralis Eclipsis Solis determinare.*

In Eclipsibus Centralibus consule Tabulam 57. & in eius fronte quære diametrum Solis apparentem, & in latere sinistro scrupulorum deficientium, quære Diametrum Lunæ apparentem, communis enim area dabit digitos. Qui si fuerint 12. præcisè, Eclipsis Solis aut totalis, & sine mora; si plures quam 12. erit totalis, & cum mora in tenebris, si pauciores, relinquetur circa Lunam margo Solis in forma annuli lucidi. Pag. 66.

*Exem-*

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*Exemplum.*

| In præcedenti Eclipsi | | I | II |
|---|---|---|---|
| *Semidiameter ☉ fuit* | | 15 | 32 |
| *Diameter tota ☉* | | 31 | 4 |
| *Semidiameter ☾* | | 15 | 17 |
| *Diameter tota ☾* | | 30 | 34 |
| *Ergo Digiti Ecliptici* | 11 | 48 | 0 |

Ergo in aliqua circuli Arctici Regione, vbi centralem fuisse Eclipsim supra indicauimus, apparuit circa Lunam lucidus annulus.

## *De Præcipuis Phasibus Eclipsis Solaris.*

Præcept. 106. *Tempus inuenire, quod Lunam consumit à puncto, quo primum Lunaris Vmbra Terram ferit, vsq; ad momentum, quò dicta vmbra Terram deserit, & quibus dictæ Phases contingunt.*

Collige in vnam summam, semidiametros apparentes Luminarium, & Parallaxim Lunæ Horizontalem, & in Tabulæ 60. latere sinistro, quære prædictæ summę minuta, in eius autem fronte secunda; area enim communis dabit Gradus, & Scrupula, quæ vocantur *Priora*. Rursus in eiusdem Tabulæ sinistro latere, quære minuta veræ latitudinis Lunæ, & in fronte secunda; area enim dabit Grad. & Scrupula, quæ vocentur *Posteriora*, & subtrahe hæc *Prioribus*, & cum residuo in area eiusdem Tabulæ obseruato, vide quæ minuta in sinistro latere, & quæ secunda in fronte illi respondeant. Nam si hæc minuta, & secunda diuiseris per verum Horarium Lunæ à Sole; dabunt in quotiente Horas, quas Luna consumit à momento, quo ipsius Vmbra Terram ferit, & Solis oriẽtis alicui Regioni margo à limbo Lunæ incipit stringi, vsq; ad momentum veræ, & visæ synodi, & per consequens tempus, quod consumit Luna à momento veræ, ac visæ synodi, vsq; ad momentum, quo Lunaris Vmbra Terram destituit, & quo Occidente Sole cum fine diei, finis quoq; Eclipsis fit loco alicui, Lunâ penitus ex Solis disco exeunte. Pag. 70.

*Exemplum.*

Anno 1654. die 11. Augusti, hora apparenti Vraniburgi 22.58'.28". post merid. ex Rudolphinis fuit Eclipsis Solis in ♌ gr. 19. 33'. 45". tunc igitur sic calculus.

| | Sig. | Gr. | I | II |
|---|---|---|---|---|
| *Anomalia Solis* | 1 | 14 | 19 | 46 |
| *Anomalia ☾ æquata* | 8 | 9 | 26 | 1 |
| *Semidiam. appar. Solis* | | | 15 | 3 |
| *Semidiam. appar. Lunæ* | | | 15 | 55 |
| *Parallax. Horizont. ☾* | | | 61 | 57 |
| *Argumentum latitud. Lunæ* | 5 | 24 | 4 | 18 |
| *Latitudo eius Borea* | | | 30 | 57 |
| *Summa semidiam. & Parallaxis* | | | 92 | 55 |
| *Scrupula Priora* | | 10 | 8 | 51 |
| *Scrupula Posteriora* | | 1 | 7 | 33 |
| *Residuum scrupulorum* | | 9 | 1 | 18 |
| *Scrupula diuidenda* | | | 87 | 39 |
| *per Horarium ☾ à ☉* | | | 35 | 20 |
| *Quotiens dat Horas* | H. | 2 | 28 | 50 |
| *Nouilunium fuit Hora* | H. | 22 | 58 | 28 |
| *Initium Eclipsis in Terris* | H. | 20 | 29 | 38 |
| *Finis Eclipsis in Terris die 12.* | H. | 1 | 27 | 18 |

Proinde ab initio quo Lunæ Vmbra cœpit Terram ferire, & ☾ stringere occidentalem Solis marginem, vsq; ad finem, quo Lunæ Vmbra Terram deseruit, & Luna excessit ab Orientali Solis margine, intercurrunt Horæ 4. 57'. 40". & initium illud fuit Vraniburgi Hora 20. 29'. 38". post meridiem diei 11. Augusti. Finis autem post meridiem diei 12. hora 1. 27'. 18".

Præcept. 107. *Nonagesimi Altitudinem reperire in Regionibus, quibus primò Eclipsis Solaris initium, & postremò finis apparet.*

*Primò.* Scrupula, quæ præcedenti Præcepto per Horarium Lunæ diuisisti (quæ deinceps scrupula Incidentię vocentur) subtrahe ab Argumento vero latitudinis Lunaris, & habebis Argumentum verum primæ Phaseos, quando scilicet in Terra fit principium Eclipsis: contra si addas eadem eidem Argumento, habebis Argumentum verum vltimæ Phasis, quando scilicet Eclipsis omnino desinit in terris. Et cum his Argumentis quære latitudines Lunæ veras, pro vtraq; Phasi.

*Secundò.* Diuide latitudinem primæ Phaseos per summam semidiametrorum luminarium, & parallaxis Lunæ Horizontalis, & quod prouenerit, quære in Tabulæ parallacticæ columna illa, cui superscripta sunt 60'. è directo enim eius in latere sinistro habebis Nonagesimi Altitudinem Regionis illius, cui Sol oriens incipit à Luna Eclipsari.

*Tertiò.* Diuide Latitudinem vltimæ Phaseos per eandem trium dictorum summam, & quotientem in eandem columna 60'. minutorum obserua; illi enim in sinistro latere respondet Nonagesimi Altitudo in ea Mundi plaga, cui Sol occidens desinit Eclipsari à Luna.

*Exemplum de quo in Præc. 106.*

| | Sig. | Gr. | I | II |
|---|---|---|---|---|
| *Argumentum Latitudinis* | 5 | 24 | 4 | 18 |
| *Scrupula Incidentia* | | | 87 | 39 |
| *Argum. latitud. in 1. Phasi* | 5 | 22 | 26 | 39 |
| *& Latitudo Bor.* | | | 38 | 32 |
| *Argum. latitud. vltimæ Phasis* | 5 | 25 | 31 | 57 |
| *& Latitudo Bor.* | | | 23 | 20 |
| *Summa semidiam. & Parallax.* | | | 92 | 55 |
| *de visâ per hac latitudine* | | | 38 | 32 |
| *Quotiens est* | | | 24 | 53 |
| *Hinc Nonagesimi Altitudo* | | 65 | 5 | 0 |
| *in loco primæ Phasis* | | | | |
| *At diuisa per eandem summam* | | | 92 | 55 |
| *Latitudine* | | | 23 | 20 |
| *Quotiens est* | | | 15 | 4 |
| *Et Nonagesimi Altitudo* | | | 75 | 27 |
| *in loco postremæ Phasis* | | | | |

Præcept. 108. *Poli Altitudinem in prædictis duabus Regionibus inuenire.*

*Primò.* Interuallum temporis inter veram Synodum, & principium Eclipsis in terris Præcepto 106. repertum adhibe, & motum Solis medium illi debitum subtrahe loco Solis tempore Nouilunij dato; & cum signis gradibusq; residuis in latere alterutro Tabulæ 33. obseruatis, vbi è directo eorum inuenies Altitudinem Nonagesimi Præc. 107. pro 1. Phasi repertam, supra illum in fronte habebis Altitudinem Poli optatam.

*Secundò.* Eundem motum medium Solis, adde loco vero Solis tempore Nouilunij dato, & cum signis gradibusq; inde factis, sed oppositis in eâdem Tabula 33. vide in cuius columellæ areâ sit Nonagesimi altitudo, Præcept. 107. pro vltima phasi inuenta, nam supra illam habebis Poli Altitudinem quæsitam. Pag. 38.



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*Exemplum Nouilunij præc.*

| | Sig. | Gr. | I | II |
|---|---|---|---|---|
| *Horæ interualli erant* | H. | 2 | 28 | 59 |
| *Horum motus ☉ medius* | | | 6 | 7 |
| *Locus ☉ in vero* ♌ | ♌ | 19 | 33 | 45 |
| *Locus ☉ in 1. Phasi* | ♌ | 19 | 27 | 38 |
| *Altit. Nonagesimi tunc* | | 65 | 5 | 0 |
| *Ergo Poli Altitudo Bor.* | | 41 | 22 | 0 |
| *Locus ☉ pro vlt. Phasi* | ♌ | 19 | 39 | 52 |
| *Locus oppositus* | ♒ | 19 | 39 | 52 |
| *Nonagesimi Altitudo tunc* | | 75 | 27 | 0 |
| *Quæ in areis non apparet* | | | | |
| *Vtere igitur priori* | ♌ | 19 | 39 | 52 |
| *Vnde Poli Australis alt.* | | 3 | 42 | 0 |

Aduerte autem, quòd si in prædictis areis non inuenias Nonagesimi altitudinem, è directo loci Solis, signum est, quærendam esse Altitudinem Poli Australis, cum loco Solis opposito, idest cum priori loco ☉, cuius oppositum tentasti.

Præcept. 109. *Regiones ipsas mediante Longitudine determinare pro 1. & vlt. Phasi ex modo dictis.*

*Primò*, cum loco Solis per Præc. 108. reperto ad momentum 1. Phasis, quære Ascensionem obliquam sub Poli eleuatione pro eadem 1. Phasi nuper reperta, eiq; subtrahe gradus 90. & prodibit Ascensio recta Meridiani prædictæ Regionis. Deinde ab Horis veri Nouilunij subtrahe horas interualli inter 1. Phasim, & Nouiluniũ, iam Præc. 106. inuentas, residuumq; in gradus Æquatoris resolutum adde Ascensioni rectæ illius gradus loci Solis, cuius Ascensionem obliquam nuper inuenisti, & prodibit Ascensio Recta Meridiani Tabularum ad momentum 1. Phaseos: cui si subtraxeris Ascensionem Rectam Meridiani prius repertam, dabitur differentia Meridianorum, & per eam Longitudo quæsita Orientem versùs, si Asc. Recta Meridiani prioris sit maior Ascensione recta Meridiani Tabularum; Occidentem, si minor; Quare cognita longitudine, & per præc. præcedens Altitudine Poli, in Chartâ Geographicâ inquire locum optatum.

*Secundò*, pro loco vltimæ Phasis cum gradu Eclipticę opposito ei, quo nuper vsus, & sub altitud. Poli vltimæ Phasi congruente, quære Ascensionem obliquam, eiq; subtrahe grad. 90. vt habeas Ascensionem Rectam Regionis optatæ. Deinde Horas interualli inter Nouilunium, & vltimam Phasim, adde locis veri Nouilunij, & aggregatum in partes Æquatoris resolutum, adde Ascẽsioni Rectæ loci Solis in vltima phasi reperta; habebis enim Ascensionem Rectam Meridiani Tabularum. Ergo si huic Ascensionem Rectam antecedentis Meridiani subtraxeris, acquires differentiam Meridianorum, & sic cum Longitudine, & Poli Altitudine Regionem optatam.

Aduerte autem si in alterutrâ phasi eleuatio Poli inuenta, fuit Australis, addendos esse grad. 180. Ascensioni Rectæ Medij Cœli Tabularum, & ab aggregato subtrahendam Ascensionem alterius Meridiani, vt habeas differentiam Longitudinis.

*Exemplum in precedenti Nouilunio.*

| | Sig. | Gr. | I | II |
|---|---|---|---|---|
| *Locus Solis in 1. Phasi* | ♌ | 19 | 27 | 38 |
| *Altitudo Poli Bor. in 1. Phasi* | | 41 | 22 | 0 |
| *Ascensio Obliqua loci ☉* | | 128 | 12 | 6 |
| *Asc. Recta Meridiani optati* | | 38 | 12 | 6 |
| *Asc. Recta loci ☉* | | 141 | 53 | 48 |
| *Horæ primæ Phaseos* | H. | 20 | 29 | 38 |
| *Earum partes Aequatoris* | | 307 | 24 | 30 |
| *Asc. Recta Merid. Tabularum* | | 89 | 18 | 18 |
| *Subducta Asc. Recta 1. Merid.* | | 38 | 12 | 6 |
| *Differentia Meridianorum* | | 51 | 26 | 12 |
| *Vranibvrgi Longit. in Rudolphin.* | | 36 | 45 | 0 |
| *Longitudo Regionis 1. Phasi* | | 345 | 38 | 48 |

Igitur prima omnium Eclipsium, oriente Sole fuit in Atlantico Oceano prope Insulam Fagudam; quia eius Altitudo Poli est ferè grad. 41. 22'. & Longitudo grad. 345. 38'. 48''.

| Pro vltima Phasi | Sig. | Gr. | I | II |
|---|---|---|---|---|
| *Locus Solis in vltima Phasi* | ♌ | 19 | 39 | 52 |
| *Poli Australis Altitudo* | | 3 | 42 | 0 |
| *Asc. Obliq. loci Solis* | | 141 | 4 | 40 |
| *Asc. recta Merid. optati* | | 51 | 4 | 40 |
| *Asc. recta loci Solis* | | 142 | 4 | 49 |
| *Hora vltima Phasis* | H. | 1 | 27 | 18 |
| *Gradus Aequatoris* | | 21 | 49 | 30 |
| *Asc. recta Meridiani Tabular.* | | 163 | 54 | 19 |
| *Quia Altit. Poli est Austr. adde* | | 180 | 0 | 0 |
| *fit aggregatum* | | 343 | 54 | 19 |
| *Subtrahe prioris Merid. Ascens.* | | 51 | 4 | 40 |
| *Restat Meridianor. differentia* | | 292 | 49 | 39 |
| *Longitudo quæsita* | | 103 | 55 | 21 |

Vltima ergo Eclipsium in Terris fuit in Orientali Oceano prope Insulam S. Petri de Mascarenas, quia eius Longitudo grad. 103. 55'. 21''. & Latitud. Austr. gr. 3. 42'. Ergo desijt Eclipsis super Terram, & Lunaris vmbra eam deseruit in loco, vbi Polus Boreus eleuatur gr. 23. 55'. & cuius Longitudo à Palmâ est grad. 289. 1'. nempe prope caput S. Antonij Insulæ Cubæ.

Præcept. 110. *Tempus inuenire, ex quo primum Oriente Sole, fit totalis Eclipsis Solis, vsq; ad medium veræ, ac visæ synodi centralis, & inde vsq; ad tempus, quo Occidente Sole vltimò centralis Eclipsis fit.*

Cum Semidiametro Disci Terræ apparenti, seu cum parallaxi Lunæ Horizontali, excerpe ex 60. Tabula gradus, & scrupula, quæ vocentur *Priora*. Idipsum facies cum vera Lunæ latitudine ad momentum veri Nouilunij reperta, colligens grad. & scrupula *Posteriora*, quæ subtrahe *Prioribus*, & residuum quære in areis eiusdem Tabulę 60. colligens ex sinistro margine minuta, & ex fronte secunda; nam si hæc diuiseris per Horarium Lunę motum verum à Sole, habebis interuallum temporis à momento, quo primum in Terris Oriente Sole Eclipsis centralis apparuit, vsq; ad momentum, quo in Nonagesimo ab ortu, vera, & visa synodus centralis apparebit. Quare si hoc interuallum subtrahas tempori apparenti veræ synodi, habebis tempus huius phaseos. Idem si addideris eidem tempori veræ synodi, habebis tempus, quo Sole Occidente vltimò centraliter Eclipsatus apparebit. Pag. 70.

*Exemplum in precedenti Nouilunio.*

| | Sig. | Gr. | I | II |
|---|---|---|---|---|
| *Parallaxis ☉ Horizontal.* | | | 61 | 57 |
| *Scrupula priora* | | 4 | 28 | 58 |
| *Latitud. ☉ in vera* ♌ | | 0 | 30 | 57 |
| *Scrupula posteriora* | | 1 | 7 | 33 |
| *Residua scrupula* | | 3 | 21 | 25 |
| *Scrupula diuidenda* | | 0 | 55 | 37 |
| *Per Horarium ☉ à ☉* | | 0 | 35 | 20 |
| *Ergo Horæ* | H. | 1 | 34 | 26 |
| *Hora Nouilunij fuit* | H. | 22 | 58 | 28 |
| *Hora igitur prima centralium* | H. | 21 | 24 | 2 |
| *Eclipsium* | | | | |
| *Et vltima cẽtralium diei 2. Aug.* | | 0 | 32 | 54 |

Præ-

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Præceptum 111. *Altitudinem Nonagesimi in Regionibus duabus pro phasibus modo dictis reperire.*

Scrupula, quæ præcedenti præcepto per horarium diuisisti, aufer vero Argumento Latitudinis ☽ ad tempus veri Nouilunij, & restabit Argumentum latitudinis pro prima centralium Eclipsium, quærendæ; quâ repertâ, & postea in columellis Tabulæ parallacticæ 56. sub parallaxi Horizontali obseruatâ, videbis è regione illius in sinistro latere, desideratam Nonagesimi altitudinem. Pag. 61.

At si scrupula eadem addas Argumento eidem, habebis Argumentum Latitudinis veræ pro vltima Centralium Eclipsium, & inde Latitudinem, quæ in eadem Tabula 56. sub parallaxi Lunæ Horizontali, monstrabit in sinistro latere Altitudinem Nonagesimi pro vltima hac phasi.

*Exemplum in præcedenti Nouilunio.*

| | Sig. | Gr. | ′ | ″ |
|---|---|---|---|---|
| *Argumentum Latitud. in vera* ☌ | 5 | 24 | 4 | 18 |
| *Argum. Latitud. pro 1. centralium* | 5 | 23 | 8 | 41 |
| *Argum. Lat. pro vlt. centralium* | 5 | 24 | 59 | 55 |
| *Latitudo in 1. centralium Bor.* | | | 35 | 46 |
| *Latitudo in vlt. central. Bor.* | | | 26 | 7 |
| *Parallaxis Horiz.* ☽ | | | 61 | 57 |
| *Altitudo Nonages. in 1. central.* | | 54 | 44 | 0 |
| *Altitudo Nonages. vlt. central.* | | 64 | 56 | 0 |

Præcept. 112. *Altitudinem Poli pro vtraque prædicta Phasi, & Regione inuenire.*

Medium motum Solis congruentem tempori inter 1. centralium Eclipsium, & veram Synodum Præcept. 110. reperto, subtrahe loco Solis vero in Nouilunio pro 1. centralium, adde pro vltimâ centralium, & cum Signis, & Gradibus loci Solis sic emendati, in Lateribus Tabulæ 33. obseruatis, & è regione illorum Nonagesimi Altitudine, præcedenti præcepto iam acquisitâ, inuenies in fronte Tabulæ quæsitam Poli Altitudinem, iuxta monita præcepti 109.

*Exemplum in præcedenti Nouilunio.*

| | Sig. | Gr. | ′ | ″ |
|---|---|---|---|---|
| *Locus* ☉ *in vero* ☌ | ♌ | 19 | 33 | 45 |
| *Tempus inter* ☌, *&* 1. *central.* | H. | 1 | 34 | 26 |
| *Medius* ☉ *motus hoc temp.* | | | 3 | 53 |
| *Locus* ☉ *pro* 1. *central.* | ♌ | 19 | 29 | 52 |
| *Locus* ☉ *pro vltimo central.* | ♌ | 19 | 37 | 38 |
| *Nonagesimi Altit.* 1. | | 54 | 44 | 0 |
| *Nonagesimi Altit. vltimo* | | 64 | 56 | 0 |
| *Altit. Poli pro* 1. *central. Bor.* | | 51 | 9 | 0 |
| *Altit. Poli pro vlt. central. Bor.* | | 6 | 26 | 0 |

*Sed hæc inuenta est cum loco Solis opposito.*

Præcept. 113. *Regiones ipsas per earum Longitudinem determinare.*

Cum loco Solis, & Poli Altitudine præcedenti præcepto repertis, quærendæ sunt Ascensiones Obliquæ, & reliqua omnia præstanda, quæ præstitisti in præcep. 109. vt pro 1. & vltimâ centralium habeas differentiam Meridianorum à Meridiano Tabularum, atq; adeò longitudinem vtriusq; loci desiderati: quod exemplo breuius addisces.

*Exemplum præcedentis Nouilunij.*

| | Sig. | Gr. | ′ | ″ |
|---|---|---|---|---|
| *Pro* 1. *centralium* | 0 | 51 | 9 | 0 |
| *Altitudo Poli Bor.* | ♌ | 19 | 29 | 52 |
| *Locus Solis tunc* | | | | |
| *Eius Obliqua Ascensio* | | 122 | 26 | 6 |
| *Asc. Recta Meridiani optati* | | 32 | 26 | 6 |
| *Asc. Recta loci Solis* | | 141 | 56 | 38 |
| *Hora huius phasis* | H. | 21 | 24 | 2 |
| *Earum partes Aequatoris* | | 321 | 0 | 30 |
| *Asc. Recta Meridiani Tabular.* | | 102 | 57 | 8 |
| *Differentia Meridianorum* | | 70 | 33 | 2 |
| *Et Longitudo Regionis quæsita* | | 326 | 11 | 58 |

Proinde 1. centralium Eclipsium fuit in ora maritima Boreali Norimbergæ, vbi Poli Altitudo grad. 51. 9′. & Longitudo grad. 326. 11′. 58″.

| Pro vltima Centralium | Sig. | Gr. | ′ | ″ |
|---|---|---|---|---|
| *Altitudo Poli Bor.* | | 6 | 26 | 0 |
| *Loc. oppositus loci Solis* | ♒ | 19 | 37 | 38 |
| *Cuius Ascens. obliqua* | | 323 | 17 | 48 |
| *Asc. recta Meridiani optati* | | 233 | 17 | 48 |
| *Locus Solis* | ♌ | 19 | 37 | 38 |
| *Eius Asc. recta* | | 142 | 3 | 38 |
| *Hora huius Phasis* | H. | 0 | 32 | 54 |
| *Eorum partes Aequatoris* | | 8 | 13 | 30 |
| *Ascens. Recta Merid. Tabul.* | | 150 | 17 | 8 |
| *Differentia Meridianor.* | | 276 | 59 | 20 |
| *Longitudo quæsita* | | 119 | 45 | 40 |

Quare vltima centralium Eclipsium fuit in Oceano Indico Orientali, ad ingressum Sinus Gangetici, vbi altitudo Pol. Bor. est gr. 6. 26′. & longitudo gr. 119. 45′. 40″.

Præceptum 114. *Regionem inuenire, cui in Nonagesimo coëuntibus verâ, & visâ Synodo, Eclipsis centralis apparet.*

*Primò*, per Præcepta 101. 102. & 103. quære cum semidiametro Disci Terræ Altitudinem tum Nonagesimi, tum Poli, Regionis illius, cui talis Phasis contingit. *Deinde* cum loco Solis in Nouilunio vero gradibus 90. aucto sub dicta Poli Altitud. Quære Ascens. Obliquam, eiq; subtrahe gr. 90. & habebis Ascens. Rectam Meridiani, sub quo fit hæc Phasis. Tandem Ascensioni Rectæ loci Solis, adde partes Æquatoris respondentes Horis apparentibus veri Nouilunij, & conflabis Ascens. Rectam Meridiani Tabularum, quam comparando cum Ascens. Recta Meridiani prioris, habebis differentiam Longitudinis, & inde Longitudinem Regionis quæsitæ, in quo fit hæc Phasis.

*Exemplum præcedentis Nouilunij.*

| | Sig. | Gr. | ′ | ″ |
|---|---|---|---|---|
| *Semidiam. Disci Terræ* | 0 | 0 | 61 | 57 |
| *In* ☌ *Latitudo vera* ☽ | | | 30 | 57 |
| *Nonagesimi Altitudo* | | 60 | 2 | 0 |
| *Et Poli Bor. Altitudo* | | 43 | 6 | 0 |
| *Locus* ☉ *in* ☌ | ♌ | 19 | 33 | 45 |
| *Additis* | | 90 | 0 | 0 |
| *Ascendens gradus* | ♍ | 19 | 33 | 45 |
| *Eius Ascensio Obliqua* | | 244 | 27 | 19 |
| *demè* | | 90 | 0 | 0 |
| *Asc. Recta Meridiani optati* | | 154 | 27 | 19 |
| *Asc. Recta loci* ☉ *in* ☌ | | 141 | 59 | 48 |
| *Hora Nouilunij apparentes* | H. | 22 | 58 | 28 |
| *Earum partis Aequatoris* | | 344 | 37 | 0 |
| *Asc. Recta Meridiani Tabular.* | | 126 | 36 | 48 |
| *Differentia Meridianorum* | | 332 | 9 | 29 |
| *Longitudo quæsita* | | 64 | 35 | 31 |

Ergo

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Ergo in eo loco vbi Polus Boreus eleuatur gr. 43. 6'. & cuius longitudo est gr. 64. 35'. 31''. ibi in Nonagesimo fuit vera, & visa Synodus centralis, videlicet in ora maritima Euxini prope Amasiam, & flum. Thermodontem, non secus, ac in toto illo tractu, quem Vmbra Lunę occupabat; fuit enim Eclipsis digitorum 12. 43'.

Præcept. 115. *Regiones Terræ inuenire, supra quas fertur Vmbra Lunæ toto Eclipsis Solaris tempore.*

Repertis quinq; locis Phasium quinque, de quibus à Præcepto 106. ad 114. facilè est in Globis, Mappisue Geographicis, tractum Telluris designare, quem toto Eclipsis Solaris tempore Lunaris Vmbra peragrauit. Itaq; in præcedenti Eclipsi, post quam Sol oriens *Fagude* Insulæ Atlantici, cœpit ab occidentali sui parte obiecta Lunæ tegi, paulatim eleuatus crescente defectu ex oriens *Norimberga*, oræ maritimæ Boreali totus primò à Luna tectus fuit. Inde Lunaris vmbræ centro in ortum transeunte, primo perambulauit *Laboratoris terram*, deinde Oceanum *Caledonium*, *Scotiam*, *Danos*, *Cymbros*, extremasq; *Germaniæ* oras, & per *Poloniam*, ac *Podoliam* transiuit ad *Euxinum Mare*, vbi in Nonagesimo Vera, & Visa Synodus centralis apparuit. Inde porrò meauit ad *Armeniam*, & *Persidis* Australis oras, atq; inde ad *Indiam Orientalem*, vbi in ostio *Sinus Gangetici*, totum Solem Occidentem vltimò occultauit. Postremò Solem Occidentem *Insula S. Petri de Mascarenas* Luna Liberum reliquit, & eius Vmbra Terras deseruit.

Præcept. 116. *Saturni locum secundùm Longitudinem in Orbita computare.*

Accommodato tempore, si opus sit iuxta Partis I. præcepta, siue infrascriptum ordinem.

1 *Primò*, per Præceptum 55. aut 56. inquire verum locum Solis, eiusq; Anomaliam æquatam.

2 *Secundò*, ex Tabula 62. quæ habetur pagina 72. elice medium motum Saturni ab Æquinoctio; Apogei, & Nodi Borei.

3 *Tertiò*, subtrahe Apogei motum, motui Saturni ab Æquinoctio, & habebis *Anomaliam simplicem*, cum qua in Tabula 63. quæ est in pag. 73. quære Æquationem centricam, seu primæ inæqualitatis Saturni, addendam, vel subtrahendam eius medio motui ab ♈, vt habeas *Locum Saturni excentricum*, seu primò æquatum, seu ex Sole visum.

4 *Quartò*, subtrahe locum Saturni centricum, vero Solis loco, & relinquetur *Anomalia Orbis*.

5 *Quintò*, cum Anomalia simplici de qua num. 3. quære in Tabula 64. quæ est in pag. 73. *Anomaliam Aequatam* Saturni.

6 *Sextò*, cum Anomalia Æquata Solis, & cum Anomalia Æquata Saturni, quære in Tabula 65. quam dat pagina 74. *Maximam Aequationem Orbis* Saturni.

7 *Septimò*, tandem cum Maxima Æquatio Orbis Saturni, adens Generalem Tabulam Prosthaphæresem Orbis, quæ est 95. pag. 94. eamq; obserua in fronte, vel calce Tabulæ, & cum *Anomalia Orbis*, de qua num. 4. descendendo sinistrorsum, vel ascendendo dextrorsum, quære in area communi prosthaphæresim Orbis, addendam, vel subtrahendam loco Saturni centrico, & habebis locum Saturni in Orbitâ ex Tellure visâ. Hic ipse ordo seruandus erit in Ioue, & in Marte, adhibitis tamen proprijs cuiusq; Tabulis, vt infra dicetur.

*Exemplum in ♄.*

Anno Christi 1604. Septembr. 27. Hora circiter 8. Pragæ ex obseruatis putatus est Saturnus, & Mars in eadem Longitudine. Quæritur hic Saturni locus. Ordo calculi talis est.

| | Sig. | Gr. | I | II | |
|---|---|---|---|---|---|
| ☉ *Locus verus* | 6 | 4 | 47 | 44 | Tab. 36 |
| ☉ *Anomalia 99.* | 2 | 27 | 4 | 44 | 38 |
| ♄ *Medius ab* ♈ | 8 | 13 | 49 | 13 | Tab. 62 |
| *Apogei motus* | 8 | 26 | 6 | 51 | Pag. 72 |
| *Nodi* ☊ *motus* | 3 | 20 | 32 | 5 | |
| *Anomalia simplex* | 11 | 17 | 42 | 22 | |
| *Aequatio I. add.* | 0 | 1 | 18 | 33 | Tab. 63 |
| ♄ *Locus Excentricus* | 8 | 15 | 7 | 46 | Pag. 73 |
| *Anomalia Orbis* | 9 | 19 | 39 | 58 | |
| *Anomalia* ♄ *aquata* | 0 | 11 | 35 | 30 | Tab. 64 |
| *Maxima Aequatio Orbis* | 0 | 5 | 41 | 30 | Pag. 73 Tab. 65 Pag. 74 |
| *Orbis Aequatio sub.* | 0 | 5 | 10 | 30 | Tab. 95 |
| ♄ *Locus in Orbita* | 8 | 9 | 57 | 16 | Pag. 94 |

Erat ergo tunc Saturnus in Sagittarij gr. 9. 58'. 16''.

Præcept. 117. *Saturni Latitudinem Computare.*

1 *Primò*, cum Anomalia Excentrici æquata Saturni, obseruata in fronte, vel calce Tabulæ 66. quæ incipit à pag. 75. & cum Anomalia Orbis Saturni, in sinistro, aut dextro latere eiusdem Tabulæ, quære in angulo communi *scrupula proportionalia latitudinis*.

2 *Secundò*, cum Anomalia Orbis in lateribus eiusdem Tabulæ 66. obseruata, quære scrupula in penultima columna, cui titulus est: *Scrup. Prop. Incr. & Decr.*

3 *Tertiò*, si Scrup. Incr. vel Decrementi, sint in penultimæ columnæ parte superiori, cui titulus est A. seu quæ respondet Anomaliæ Orbis tribus primis, vel vltimis Signis. Accipiendum est cum Anomalia Solis, Incrementum in antepenultima columna, cui titulus est: *Increm. in* ♂. Sin autem Scrupula Incr. vel Decr. sint inferiora eorumq; titulus sit B. tunc accipienda erunt scrupula decrementi in ☌ in proprijs columnis; accipienda, inquam, cum Anomalia Solis Æquata in fronte, vel calce Tabulæ 66. & cum Anomalia Excentrici Saturni in sinistro, aut dextro latere.

4 *Quartò*, fac vt 60. ad scrupula incrementi, aut decrementi, de quibus dixi numero 3. ita scrupula incrementi, aut decrementi penultimæ columnæ, de quibus numero 2. ad quartum numerum proportionalem, hunc verò numerum, seu hunc quotientem, addc, si vsus es Incremento, deme si Decremento, scrupulis latitudinis primo numero inuentis, & habebis scrupula Latitudinis correcta.

5 *Quintò*, adeas Tabulam 67. pag. 76. & in ea cum distantia loci Excentrici Saturni à Nodo Boreo quæsita in fronte, vel calce, quoad Signa, & cum gradibus Signorum in sinistro, dextroue latere, inquire in columnis latitudinis, Latitudinis sinum rectum, qualium Radius est 60.

6 *Sextò*, denique fac vt 60. ad latitudinis sinum rectum, de quo num. 5. ita scrupula latitudinis correctæ, de quibus numero 4. ad aliud, & prodibit sinus quidam, qui in Tabula Generali latitudinis, quæ est 96. in pag. 107. exhibebit Latitudinem Saturni, eius affectionis, quam distantiæ à Nodo ☊ signa in Tabula 67. indicant.

*Exemplum.*

Eiusdem Casus, de quo in præcedentis Præcepti Exemplo.

| | Sig. | Gr. | I | II | |
|---|---|---|---|---|---|
| *Anomalia aquata* ♄ | 0 | 11 | 35 | 30 | |
| *Anomalia Orbis* | 9 | 19 | 9 | 58 | Tab. |
| *Ergo scrupula prop. latitud.* | | 51 | 44 | | 66 |
| *Et scrup. Incr. vel Decr.* | | 17 | 52 | | |
| Quæ quia sunt superiora, indicant *Incrementum* | | | | | |
| *Anomalia* ☉ *aquata fuit* | 2 | 26 | 34 | 44 | |
| *Ergo Incrementum in* ♂ | | 6 | 30 | | |

Vt 60.

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| | Sig. | Gr. | I | II | |
|---|---|---|---|---|---|
| Vt 60. ad 6 ½. ita 17. 52'. ad | | 1 | 49 | | |
| Quæ addita scrupulis latit. | | 51 | 44 | | |
| Dant scrup. Latit. correcta | | 53 | 33 | | |
| Locus Excentricus ♄ fuit | 8 | 15 | 7 | 46 | |
| Nodi locus ☊ fuit | 3 | 20 | 32 | 50 | |
| Ergo distãtia ♄ à Nodo ☊ | 4 | 24 | 34 | 56 | |
| Et Latitudinis Sinus | | 1 | 43 | | |
| Vt 60. ad 143. ita 53. 33. ad | | 1 | 29 | 30 | Tab. |
| Quibus in Tabula Generali sub Gr. 1. respondet Latit. | | 1 | 33 | 30 | 96 |
| Quæ ex dist. ♄ à Nodo ☊ colligitur fuisse Borealis. | | | | | |

Præcept. 118. *Saturni locum ab Orbita ad Eclipticam Reducere, eiusq; Curtationem absoluere.*

1 *Primò*, cum distantia Saturni loci excentrici, seu primo Æquati à Nodo Boreo ex Tabula 67. quæ habetur pag. 76. extrahe tàm *Reductionem*, quam *Curtationem*.

2 *Secundò*, Reductionem *Adde* loco Saturni in Orbita olim reperto, si Planeta ad Nodum accedit recedendo à limite; *Subtrahe* verò, si à Nodo recedit, accedendo ad limitem, & habebis locum Saturni reductum ad Eclipticam.

3 *Tertiò* fiat, vt Maxima Æquatio Orbis ad *Curtationem*, ita Æquatio Orbis competens Anomaliæ Orbis, ad partem Curtationis proportionalem, quæ semper est subducenda Æquationi Orbis. Quare si Æquatio Orbis fuit adiectiua, subtrahe curtationis partem proportionalem, Loco Planetæ ad Eclipticam reducto; At si fuit subtractiua, adde curtationis partem proportionalem loco Planetæ in Ecliptica, sed Curtatam, vt oportet.

*Exemplum.*

In Casu Præcepti 116. & 117. eiusq; Exempl.

| | | Sig. G. | I | II | |
|---|---|---|---|---|---|
| | Dist. loci Excẽt. ♄ à ☊ | 4 | 24 | 34 | 56 |
| Tab. 96 | Ergo Reductio | | | 1 | 35 |
| | Et Curtatio | | | | 12 |

Tab. 67

*Quia ♄ recedebat à limite Boreo, & accedebat ad Nodum Austrinum, idò Reductio addenda Loco in Orbita reperto, qui fuit Sig. 8. Gr. 9. 57'. 16". Quare locus Saturni in Ecliptica fuit Sig. 8. Gr. 9. 58'. 51". Iam Aequatio Orbis Maxima fuit Gr. 5. 41'. 30". & Aequatio Orbis Anomaliæ conueniens fuit Gr. 5. 10'. 30". & Aequatio Orbis Anomaliæ conueniens fuit Gr. 5. 10'. 30". & subtractiua; Igitur vt Gr. 5. 41'. 30". ad Curtationem 12". ita Aequatio Orbis 5. 10'. 30". ad Curtationem 11". quæ subducẽda esset Aequationi Orbis, vt minus subtractiua euaderet: sed perinde est si 11". addas loco Saturni in Ecliptica Reductus, curtatusq; Anno 1604. Sept. 26. Hora 8. post merid. Pragæ fuit ♃ Gr. 9. 59'. 2".*

Similiter operandum est in Reductione, & Curtatione Iouis, ac Martis; & esto Curtatio in Saturno, & Ioue sperni posset, non tamen in Marte.

Præcept. 119. *Iouis locum secundùm Longitudinem Computare.*

Omnia fac, vt in Præcepto 116. sed vtere Tabulis propriis Iouis, quæ incipiunt à Tabula 68. pag. 77. desinuntque in pagina 80.

*Exemplum in ♃.*

Anno 1634. Christi, obseruatus est Iupiter Aprilis 11. Hora 12. post meridiem Bononiæ, in Geminorum Gr. 25. 45'. 40". Quæritur tunc locus eius ex nostris Tabulis computatus.

| | Sig. | Gr. | I | II | |
|---|---|---|---|---|---|
| ☉ Locus verus | 0 | 22 | 3 | 45 | Tab. 36 |
| ☉ Anomalia æq. | 9 | 14 | 50 | 11 | & 38 |
| ♃ Motus med. ab ♈ | 3 | 0 | 7 | 15 | |
| Apogei motus | 6 | 8 | 50 | 39 | |
| Nodi Borei motus | 3 | 8 | 50 | 44 | |
| Anomalia ♃ simplex | 8 | 21 | 16 | 36 | Tab. |
| Aequatio 1. addenda | 0 | 5 | 32 | 39 | 96 |
| ♃ Locus Excentricus | 3 | 5 | 39 | 54 | |
| Anomalia Orbis | 9 | 16 | 24 | 0 | Tab. |
| Anomalia ♃ æquata | 3 | 6 | 0 | 0 | 70 |
| Maxima Orbis æqu. | 0 | 11 | 9 | 0 | 71 |
| Orbis æquatio subtr. | 0 | 9 | 58 | 27 | 95 |
| ♃ Locus in Orbita | 2 | 25 | 41 | 27 | |

Fuit ergo locus Iouis in Orbita in ♊ gr. 25. 41'. 27". At quia obseruatus fuit respectu Eclipticæ, Reducendus erit, & Curtandus locus hic vt infra.

Præcept. 120. *Latitudinem Iouis Computare.*

Omnia fac, vt in Præcepto 117. sed vtere propriis Iouis Tabulis.

*Exemplum.*

Anni 1634. April. 11. Hora 12. p. meridiem Bononiæ, de quo supra.

| | Sig. | Gr. | I | II | |
|---|---|---|---|---|---|
| Anomalia æquata ♃ | 3 | 6 | 0 | 0 | |
| Anomalia Orbis | 9 | 16 | 24 | 0 | |
| Ergo scrup. prop. Latitud. | | 45 | 12 | 0 | Tab. |
| Et scrup. Incr. vel Decr. | | 22 | 23 | 0 | 72 |
| Quæ quia sunt superiora, indicant Incrementum. | | | | | |
| Anomalia ☉ æquata fuit | 9 | 14 | 50 | 11 | |
| Ergo Incrementum in ♂ | | | 4 | 30 | |
| Vt 60. ad 4 ½. ita 22'. 23". ad | | 1 | 40 | | |
| Quæ addita Latitudinis | scru. | 45 | 12 | | |
| Dant scrup. Latit. correcta | | 46 | 52 | | |
| Locus Excentricus ♃ | 3 | 5 | 39 | 54 | |
| Locus Nodi ☊ | 3 | 8 | 50 | 44 | Tab. |
| Distantia ♃ à Nodo ☊ | 0 | 3 | 10 | 50 | 73 |
| Ergo sinus Latitudinis | | 0 | 6 | | |
| Vt 60. ad 0. 6. ita scrupula latit. correcta 46. 52'. ad 0. 47. quibus in Generali Tabula Latitudinis respondet Latitudo Bor. gr. 0. 49'. | | | | | Tab. 96 |

Præcept. 121. *Iouis Locum ab Orbita ad Eclipticam Reducere, eiusq; Curtationem absoluere.*

Omnia fac vt in Præcepto 118. sed vtere propria Iouis Tabula quæ est 73. in pagina 80.

| | Sig. | Gr. | I | II |
|---|---|---|---|---|
| Dist. loci Excentr. ♃ à Nodo ☊ | 0 | 3 | 10 | 50 |
| Ergo Reductio | | | | 4 |
| Et Curtatio | | | | 0 |

*Accedebat autem ♃ ad Nodum; Addenda ergo Reductio Loco ♃ in Orbita, qui fuit Sig. 2. 25. 41'. 27". vt sit in Ecliptica Sig. 2. 25. 41'. 31". nec opus est Curtatione. videntur autem Tabulæ ab obseruatione deficere 4'. 9". sed maior pars discriminis, non immeritò refundi potest in obseruationem.*

Præ-

Præcept. 122. *Martis Locum Secundum Longitudinem Computare.*

Omnia perage, vt in Præcepto 116. sed vtere proprijs Martis Tabulis, quæ incipiunt à Tabula 74. pag. 81. desinuntq; in pagina 84.

*Exemplum.*

Anno 1604. Octobris 9. paulo ante meridiem ex obseruationibus Pragæ factis fuit coniunctio Iouis, & Martis. Mihi tunc Hora 23. post merid. diei 8. ♃ fuit in grad. ♐ 19. 15'. 17". Quæritur nunc locus ♂; calculus sic se habet.

| | Sig. | Gr. | I | II | Tab. |
|---|---|---|---|---|---|
| ☉ *Locus verus* | 6 | 16 | 18 | 20 | 36 & |
| ☉ *Anomalia æquata* | 3 | 8 | 35 | 4 | 38 |
| ♂ *Medius motus* | 10 | 3 | 36 | 22 | Tab. |
| *Apogei motus* | 4 | 29 | 17 | 49 | 74 |
| *Nodi Borei mot.* | 1 | 15 | 37 | 54 | |
| *Anomalia simplex* | 5 | 4 | 18 | 33 | Tab. |
| *Æquatio 1. inæq. sub.* | 0 | 5 | 8 | 11 | 75 |
| ♂ *Locus Excentricus* | 9 | 28 | 28 | 11 | |
| *Anomalia Orbis* | 8 | 17 | 50 | 9 | Tab. |
| *Anomalia ♂ æquata* | 5 | 2 | 0 | 3 | 76 & |
| *Maxima Orbis æquatio* | 0 | 45 | 15 | 0 | 77 |
| *Orbis æquatio subtr.* | 1 | 9 | 13 | 49 | & |
| ♂ *Locus in Orbita* | 8 | 19 | 14 | 22 | 95 |

Præceptum 123. *Martis Latitudinem Computare.*

Omnia fac, vt in Præcepto 117. sed vtere Tabulis proprijs Martis, quæ incipiunt à pagina 81.

*Exemplum de quo in præcedenti Præcepto.*

| | Sig. | Gr. | I | II | |
|---|---|---|---|---|---|
| *Anomal. ♂ æquata* | 5 | 2 | 0 | 3 | |
| *Anomalia Orbis* | 8 | 17 | 50 | 9 | |
| *Ergo scrup. Latit.* | 0 | 14 | 20 | 0 | Tab. |
| *Et scrup. Incr. vel Decr.* | 0 | 11 | 37 | 0 | 78 |
| *Quæ sunt superiora Et indicant Increm.* | | | | | |
| *Anomal. ☉ æquata* | 3 | 8 | 35 | 4 | |
| *Scrup. Incr. in ♂* | 0 | 0 | 4 | 0 | |

Vt 60. ad grad. 14. 20'. *ita* 4'. ad 57'. 20". addenda scrup. Latitudinis, vt correcta sint gr. 15. 17'. 20".

| | Sig. | Gr. | I | II | |
|---|---|---|---|---|---|
| Distantia loci Excentr. ♂ in Nodo ☊ | 8 | 12 | 50 | 17 | Tab. |
| Latitudinis Sinus | 0 | 7 | 4 | 0 | 80 |

*Vt 60. ad grad. 15. 17'. 20". ita Sinus 7. 4'. ad Sinum 1. 47'. Quia in Generali Tabula Latitudinis dat Latitud. gr. 1. 52'. Australem, vt indicant Signa distantiæ à Nodo ☊.* Tab. 96

Præcept. 124. *Martis Locum ab Orbita ad Eclipticam Reducere, eiusq; Curtationem absoluere.*

Omnia fac, vt in Præcepto 118. sed vtere proprijs Martis Tabulis 80. quæ habetur pag. 84.

*Exemplum Superioris Casus.*

| | Sig. | Gr. | I | II | |
|---|---|---|---|---|---|
| *Dist. loci Excent. à ☊* | 8 | 12 | 50 | 17 | |
| *Ergo Curtatio* | 0 | 0 | 1 | 7 | Tab. |
| *Et Reductio subtr.* | 0 | 0 | 0 | 32 | 80 |
| *Quia accedebat ad limitem* | | | | | |
| *Locus in Orbita fuit* | 8 | 19 | 14 | 22 | |
| *Ergo Loc. in Ecliptica* | 8 | 19 | 13 | 50 | |
| *Æquatio Orbis maxima* | 0 | 45 | 15 | 0 | |
| *Æquatio Orbis subtr.* | 0 | 49 | 13 | 49 | |

*Igitur vt grad. 45. 15'. ad Curtationem 1'. 7". ita grad. 49. 13'. 49". ad Curtationem 1'. 13". quæ minuenda est æquatio Orbis, vt euadat minus subtractiua; sed perinde est, ac si 1'. 13". addas loco ad Eclipticam reducto.* Quare locus Martis reductus, & curtatus fuit in Sagittarij gr. 19. 15'. 3". Iouis autem gr. 19. 15'. 36". *Quare paululò post horam 23. celebrata ☌ ♃, & ♂ nempe Hora 23. 50'. post merid. diei 8. vt habet obseruatio.*

Præcept. 125. *Veneris locum secundùm Longitudinem Computare.*

*Primò*, inquire locum Solis verum, & eius Anomaliam æquatam per Præc. 55. aut 56.

*Secundò*, in Tabula 81. quæ habetur pag. 85. extrahe medium motum Veneris ab Æquinoctio, motum Apogei, & motum Nodi Borei.

*Tertiò*, subtrahe Apogei motum à medio motu Veneris, & habebis *Anomaliam simplicem*: cum qua in Tabula 82. quæ est in pag. 86. habebis primam *Æquationem*, addendam, vel subtrahendam medio motui Veneris, prout tituli Tabulæ indicabunt; & fiet Locus Veneris primo Æquatus, seu Excentricus, seu ex Sole visus.

*Quartò*, subtrahe verum locum Solis à loco Veneris Excentrico, & remanebit *Anomalia Orbis*.

*Quintò*, cum Anomalia simplici, quære in Tabula 83. pag. 86. Anomaliam æquatam Veneris, cum qua in fronte, & cum Anomalia Solis æquata in lateribus Tab. 84. pag. 87. inquire Maximam Orbis Æquationem.

*Sextò*, cum Anomalia Orbis, in lateribus, & Maxima Æquatione Orbis in fronte Tabulæ 95. collige Æquationem Orbis Addendam, vel Subtrahendam Loco Solis vero; prout tituli Tabulæ docent, & habebis Veneris locum ex Terra visum.

*Exemplum.*

Tradit Longomontanus, Tychonem in maxima digress. Veneris à Sole Anno 1585. Septembris 14. stylo veteri, Hora post meridiem 17. 15'. obseruasse Venerem in Leonis gr. 15. 58'. Esto Danicæ Tab. absq; Reductione, & Curtatione dent gr. 15. 53'. 20". Locus tamen Solis à Tychone adhibitus, aliquantulum falsus fuit, ob nimiam Solis parallaxim assumptam, nimiamq; declinationem. Videamus quid nostræ Tabulæ præstent.

| | Sig. | Gr. | I | II | |
|---|---|---|---|---|---|
| ☉ *Locus verus* | 6 | 1 | 48 | 41 | Tab. |
| ☉ *Anomal. æqu.* | 2 | 24 | 25 | 23 | 36 |
| ♀ *Motus medius* | 1 | 10 | 37 | 22 | 38 |
| *Apogei mot.* | 10 | 5 | 10 | 4 | Tab. |
| *Nodi* ☊ | 2 | 13 | 59 | 52 | 81 |
| *Anomalia simpl.* | 3 | 5 | 27 | 30 | Tab. |
| *Æquatio 1. sub.* | 0 | 0 | 54 | 24 | 82 |
| ♀ *Locus ex* ☉ | 1 | 9 | 42 | 58 | |
| *Anomalia Orbis* | 7 | 7 | 54 | 17 | Tab. |
| *Anomalia Æquata* | 3 | 4 | 59 | 57 | 83 |
| *Maxima Orb. Æq.* | 0 | 46 | 4 | 30 | 84 |
| *Orbis Æquatio sub.* | 1 | 5 | 41 | 50 | 85 |
| ♀ *Locus in Orbita* | 4 | 26 | 6 | 30 | |

*Fuit ergo in* ♌ *grad. 16. 6'. 30".*

Præ-

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Præcept. 126. *Veneris Latitudinem Computare.*

*Primò*, ex Tab. 85. pag. 88. quære scrupula Latitudinis proportionalia cum Anomalia Solis æquata in fronte, vel calce Tabulæ, & cum Anomalia Orbis Veneris in lateribus; & cum hac, scrupula inferiora in ☌.

*Secundò*, in Tabula 86. pag. 89. cum Anomalia Solis æquata in fronte, aut calce Tabulæ, & cum Anomalia æquata Veneris in laterib. inquire Scrupula Decrementi.

*Tertiò* fac, vt 60. ad Scrupula Decrementi per Tab. 85. inuenta; ita scrupula inferiora decrementi per Tab. 86. inuenta, ad scrupula auferenda scrupulis Latitudinis primo loco inuentis, vt euadant correcta.

*Quartò*, cum distantia loci Excentrici Veneris à Nodo Boreo, quære in Tabula 87. pag. 89. sinum Latitudinis.

*Quintò* fac, vt 60. ad sinum Latitudinis, ita scrupula Latitudinis correcta ad sinum alterum, qui in Tab. generali, quæ est 96. dabit Latitudinem Veneris, eius speciei, quam distantia à Nodo Borea in Tab. 87. indicauit.

*Exemplum in Casu Superiori.*

| | Sig. | Gr. | ′ | ″ | |
|---|---|---|---|---|---|
| ☉ *Anom. æquata* | 2 | 24 | 25 | 23 | |
| *Anomalia Orbis* ♀ | 7 | 7 | 54 | 17 | Tab. |
| *Scrupula latitud.* | 0 | 24 | 18 | 0 | 85 |
| *Scrupula inferiora* | 0 | 11 | 58 | 0 | |
| *Anom.* ♀ *æq.* | 3 | 4 | 59 | 57 | Tab. |
| *Scrup. Decrem.* | 0 | 1 | 36 | 0 | 86 |

*Iam vt 60. ad gr. 11. 58′. ita Scrupula Decrem. gr. 1. 36′. ad 18′. auferenda Latitudinis scrupulis, vt correcta remaneant grad. 24. 0′.*

| | Sig. | Gr. | ′ | ″ |
|---|---|---|---|---|
| *Nodi* ☊ *locus* | 2 | 13 | 59 | 52 |
| ♀ *Locus ex* ☉ | 1 | 9 | 42 | 58 |
| *Distantia* ♀ *à* ☊ | 1 | 4 | 16 | 53 |
| *Sinus latitudinis* | 0 | 5 | 45 | 0 |

*Iam vt 60. ad hunc sinum grad. 5. 45′. ita Latitudinis scrupula correcta grad. 24. 0′. ad alterum sinum gr. 2. 18′. qui in Tabula 96. exhibet Latitudinem grad. 2. 24′. Borealem, si quidem Distantia* ♀ *ab vlteriore Nodo Boreo erat Sign. 2. gr. 14. ideoq; Descendentem.*

Præcept. 127. *Veneris Locum ab Orbita ad Eclipticam Reducere, eiusq; Curtationem absoluere.*

*Primò*, cum distantia Loci Excentrici Veneris, seu ex Sole visi, à Nodo Boreo quære in Tabula 87. Reductionem, & Curtationem. Si tamen ♀ sit in contactu orbis, nullæ sunt Reductiones, sed Curtationes maximæ. Contrà in coniunctionibus nullæ sunt Curtationes, sed Reductiones maximæ.

*Secundò* fac, vt Maximam Orbis Æquationem ad Reductionem repertam, ita Differentiam inter Maximam Orbis Æquationem, & Orbis Æquationem respondentē Anomaliæ Orbis, ad Reductionē addendam loco Orbitę, si Planeta ad Nodos accedit recedendo à limite; demenda autem, si à Nodis recedit accedendo ad limitem.

*Tertiò* fac, vt Maximam Æquationē ad Curtationēm Repertam, ita Æquationem Orbis Anomaliæ respondentem ad Curtationem, auferendam Orbis Æquationi, ita, vt si Orbis Æquatio fuit subtractiua, minus subtrahat; si adiectiua, minus addat.

*Exemplum in Casu Præcedenti.*

| | Sig. | Gr. | ′ | ″ |
|---|---|---|---|---|
| ♀ *Dist. à* ☊ *fuit* | 1 | 4 | 16 | 53 |
| *Ergo Reductio add.* | 0 | 0 | 2 | 48 |
| *Et Curtatio* | 0 | 0 | 3 | 18 |
| *Maxima Æquat. Orb.* | 0 | 46 | 4 | 30 |
| *Orbis Æquatio* | 0 | 45 | 41 | 50 |
| *Differentia harum* | 0 | 0 | 22 | 40 |

*Iam vt grad. 46. 4′½. ad Reduct. 2′. 48″. ita differ. 22′. 40″. ad Reduct. 1′. 18″. Locus ergo* ♀ *Reductus fuit Sig. 4. grad. 16. 7′. 48″.*

*Deinde vt 46. 4′½. ad Curtationem 3′. 18″. ita gr. 45. 41′. 50″. ad Curtationem 3′. 11″. quæ detracta Æquationi subtractiuæ Orbis, vel addita loco Veneris Reductio, dat locum* ♀ *Curtatum in Leonis gr. 16. 10′. 58″. nempe 13′. ferè minutis promotiorem Tychonico, sed falso tum ob minimum Solis Parallaxim, ac Declinationem, tum forte ob ipsam obseruationem.*

Præcept. 128. *Mercurij locum secundum Longitudinem Computare.*

Omnia fac, vt in Præcepto 125. pro Venere fecisti; sed adhibe proprias Mercurij Tabulas, quæ incipiunt à Tab. 88. seu à pag. 90. & desinunt in pagina 94.

*Exemplum.*

Anno 1481. Octobris 21. Hora Bononiæ 18. 10′. post merid. Mercurius obseruatus est Orientalior Saturno, non plusquam Diametro Lunæ: erat autem tunc Saturnus mihi in Libræ grad. 18. 13′. 20″. Ergo Mercurius erat proximè in Libræ gr. 18. 46′. Quæritur locus ex Tabulis nostris: calculus talis est.

| | Sig. | Gr. | ′ | ″ | Tab. |
|---|---|---|---|---|---|
| ☉ Locus verus | 7 | 7 | 52 | 30 | 36 |
| ☉ Anomal. æqu. | 4 | 2 | 16 | 42 | 38 |
| ☿ *Motus medius* | 3 | 9 | 39 | 30 | Tab. |
| *Apogei mot.* | 8 | 8 | 10 | 49 | 88 |
| *Nodi* ☊ | 1 | 9 | 20 | 48 | |
| *Anomal. simpl.* | 7 | 1 | 28 | 41 | |
| *Æquatio 1. add.* | 0 | 15 | 31 | 0 | Tab. |
| ☿ *Locus ex Sole* | 3 | 25 | 10 | 30 | 89 |
| *Anomalia Orbis* | 8 | 17 | 18 | 0 | |
| *Anomalia Æquata* | 7 | 7 | 46 | 34 | Tab. |
| *Maxima Æquatio* | 0 | 18 | 59 | 0 | 90 |
| *Orbis Æquatio sub.* | 0 | 18 | 49 | 50 | 91 |
| ☿ *Locus in Orbita* | 6 | 19 | 2 | 40 | 95 |

Locus ergo Mercurij in Orbita fuit ♎ grad. 19. 2′. 40″.

Præcept. 129. *Mercurij Latitudinem Computare.*

*Primò*, cum Anomaliæ Æquatæ Signo Opposito in Fronte, aut calce Tabulæ 92. & cum Anomalia Orbis Mercurij in lateribus, quære scrupula proportionalia latitudinis. Vt si Signa sint 7. gr. 20. vtere Sig. 1. gr. 20. quia in inquisitione scrupulorum latitudinis; incipiendum est à Perigeo, Tabula autem incipit ab Apogeo.

*Secundò*, aduerte in Tabula 92. duas esse columnas scrupulorum proportionalium Incrementi, & Decrementi, nempe Secundam, & Antepenultimam. Secunda respondet minimæ distantiæ Mercurij à Sole, & hac vtendum quando Anomalia Excentrici, commutatis tamen, vt dixi num. primo Signis, fuerit minor Signis 2. vel maior 10. Antepenultima verò vtendum est, seu inseruiendum est maximæ distantiæ Mercurij à Sole, quando Anomalia Excentrici vt dixi, commutata in Opposita Signa, fuerit maior Signis 4. vel maior 8. Quando denique Anomalia Æquata, aut maior fuerit Signis 2. vel 8. aut minor Signis 4. vel 10. vtendum erit numeris mediæ distantiæ, quos per partem proportionalem colliges ex columnis 2. & antepenultima simul comparatis. His igitur probè intellectis quære in Tab. 92. *Scrupula Proportionalia Incrementi, & Decrementi*, cum Anomalia Orbis in lateribus notata.

*Tertiò*, si Scrupula Increm. & Decrementi in Tab. 92. respondentia Anomaliæ Orbis sint superiora, & pertineant ad partem columnæ secundæ, vel antepenultimę, cui titulus est A. tunc in eadem Tabula columna penultima accipienda sunt Scrupula Decrementi in coniunctione directa cum Anom. Solis æq. At si scrupula in-



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crem. & decrementi sint inferiora, & pertineant ad columnæ secundæ, vel antepenultimæ partem, cui est titulus B. tunc in Tabula 93. cum Anomalia Excent. Mercurij æquata in fronte, vel calce, & cum Anomalia Solis æquata in lateribus, sumenda sunt *Scrupula Decrementi* in oppositione, seu in coniunctione Retrograda.

*Quartò*, fiat vt 60. ad scrupula proportionalia Decrementi in ☌ directa, vel Retrograda, de quibus num. tertio; ita Scrupula proportionalia Incrementi, vel Decrementi num. secundo inuenta ad scrupula adhibenda pro correctione Scrupulorũ Latitudinis, & ijs auferenda.

*Quintò*, cum distantia loci Excentrici Mercurij à Nodo Boreo, quære in Tabula 94. Latitudinis sinum, & fac vt 60. ad hunc sinum, ita scrupula Latitudinis correcta, ad sinum alterum, qui in Tabula 96. exhibebit Latitudinem eius speciei, quam in Tabula 94. indicat distantia Mercurij à Nodo Boreo.

*Exemplum in Casu Precedenti.*

| | Sig. | Gr. | I | II | |
|---|---|---|---|---|---|
| *Anomalia ☿ æquata* | 7 | 7 | 46 | 34 | |
| *Pro qua opposita sunt* | 1 | 17 | 46 | 34 | |
| *Anomalia Orbis* | 8 | 17 | 18 | 0 | |
| *Anomalia Solis æq.* | 4 | 2 | 16 | 42 | Tab. |
| *Scrupula Latitud.* | 0 | 22 | 24 | 0 | 92 |
| *Scrup. Incr. & Decr.* | 0 | 2 | 17 | 0 | |
| *Quæ sunt inferiora* | | | | | |
| *Ideo scrup. Decrementi* | | | | | Tab. |
| *In ☌ Retrograda sunt* | 0 | 0 | 31 | 0 | 93 |

Iam vt 60. ad 31'. ita gr. 2. 17'. ad 1. 12'. auferenda scrupulis gr. 22. 24'. vt remaneant correcta gr. 21. 12'.

| Deinde | Sig. | Gr. | I | II | |
|---|---|---|---|---|---|
| *Nodi ☊ locus erat* | 1 | 9 | 20 | 48 | |
| *Locus ☿ Excentricus* | 3 | 25 | 10 | 30 | |
| *Distantia ☿ à Nodo ☊* | 2 | 15 | 49 | 42 | |
| *Latitudinis Sinus* in Tabula 94 | 0 | 6 | 15 | 0 | |

*Iam vt 60. ad gr. 6. 15'. ita gr. 21. 12'. ad Sinum 2. 13'; qui in Tab. 96. dat Latitudinem grad. 2. 18'. Borealem, vt indicant signa distantiæ à Nodo, & Ascendentem, ob accessum ad limitem Borealem.*

Præcept. 130. *Mercurij locum ab Orbita ad Eclipticam Reducere, eiusq; Curtationem absoluere.*

Omnia fac vt pro Venere in Præcepto 127. sed vtere Tabulis Mercurij proprijs, nempe 91. & 94.

*Exemplum in precedenti Casu.*

| | Sig. | Gr. | I | II | |
|---|---|---|---|---|---|
| *Dist. ☿ Excentrici ☊* | 2 | 15 | 49 | 42 | Tab. |
| *Reductio subtr.* | 0 | 0 | 6 | 3 | 94 |
| *Curtatio* | 0 | 0 | 10 | 3 | |
| *Aequatio Maxima* | 0 | 18 | 59 | 0 | 91 |
| *Aequatio Orbis* | 0 | 18 | 49 | 50 | 95 |
| *Differentia harum* | 0 | 0 | 9 | 0 | |

*Vt 18. 59'. ad Reduc. 6'. 3''. ita Differentia 9'. ad 16''. Ergo locus Reductus ad Eclipticam ♎ grad. 19. 2'. 24''. Deinde vt Maxima Orbis Aequatio grad. 18. 59'. ad Curtationem 10'. 3''. ita Orbis Aequatio grad. 18. 49'. 50''. ad Curtationem 10'. quæ addita loco Mercurij Reducto; si quidem Orbis Aequatio fuit subtractiua dat Locum Curtatum in Ecliptica in ♎ grad. 19. 12'. Qui obseruatus ponebatur in ♎ grad. 18. 46'. circiter, ob fallacem oculi æstimationem ad Lunaris diei quantitatem inter ♄, & ☿ visam.*

Præcept. 131. *Declinationem, & Ascensionem Rectam Planetarum per Tabulas inuenire.*

Per Tabulas inquam, absq; solutione Triangulorum Sphæricorum. Ergo inquire prius Longitudinem, & Latitudinem Planetarum per Præcepta superius tradita; deinde vtere Præcepto 54. & Tabulis 34. & 35. ad illius vsum confectis.

Præcept. 132. *Inuenire Planetarum minorum distantiam à Sole, in partibus qualium mediocris distantia Solis à Terra, seu Radius Orbis Annui Solis est 100000.*

Habeas prius ex præceptis supra traditis pro singulo Planeta, Anomaliam Planetæ Æquatam, eamq; resolue in gradus; nam si hos gradus quæsiueris in prima, aut secunda columna Tabulæ 97. quæ habetur pagina 108. è regione illorum habebis sub vnoquoque Planeta distantiam ipsius à Sole, in partibus qualium Radius Orbis Annui Solis, seu Semidiameter maior Ellipsis Solaris, seu media Solis à Terra distantia est 100000. sed si opus sit, vtere parte proportionali in Saturno.

*Exemplum ex Ioue.*

Supra in Exemplo Præcepti 116. Anomalia Æquata Saturni fuit Signorum 0. gr. 11. 35'. 30''. Resoluta in gradus manet grad. 11. 35'½. his in Tab. 97. sub ♄ respondet, distantia à Sole partium 1008340. vtendo parte proportionali.

At in Exemplo Præcepti 119. fuit Iouis Anomalia Æquata Sign. 3. gr. 6. hoc est graduum 96. his præcisè in Tabula 97. sub ♃ respondet distantia 935927. partium, qualium Radius Orbis Annui Solis est 100000. Et sic de cæteris.

Præcept. 133. *Distantiam minorum Planetarum à Terra inuenire in partibus Radij Orbis Annui Solis.*

Si extremas distantias à Terra optes, quando Sole Apogeo, vel Perigeo Planeta est Aphelius, vel Perihelius, eas exhibui in calce Tabulæ 97. reliquas oportet venari ope Trigonometriæ, ex distantia Solis à Terra data per Præc. 58. & Planetarum minorum per Præcept. 132. cum Angulo Anomaliæ æquato, ab his distantijs comprehenso.

Præcept. 134. *Distantiam Planetarum à Sole, vel Terra inuenire in Semidiametris Terra.*

Habemus prius Planetæ distantiam in partibus, qualium Radius Orbis Annui est 100000. per Præcept. 132. vel 133. eamq; multiplica per Semidiametros Terræ, quos continet media distantia Solis à Terra, iuxta opinionem, quam in hoc sequi lubet; productumq; diuide per 100000. nam in quotiente habebis distantiam optatam in Semidiametris Terræ.

*Exemplum in ♃.*

In Exemplo Præc. 132. pro ♃ habuimus Iouis à Sole distantiam 935927. in partibus Radij Orbis Annui, 100000. æstimati. Iam per nos media Solis à Terra distantia est semidiametrorum terrestrium 7300. per quas ductis 935927. fit summa 6832287100. & hæc diuisa per 100000. relinquit distantiam Iouis à Sole semidiametrorum terrestrium 68323.

Præcept. 135. *Fixarum Longitudinem, ac Latitudinem inuenire, quouis tempore dato.*

Quære primum in Tabula 98. quæ habetur à pag. 109. Longitudinem, ac Latitudinem Stellæ Fixæ datæ, ad finem Anni Christi 1700. nam Latitudo quidem ibi inuenta perpetuò seruit. Deinde interualla Annorum inter Annum datum, ac Mensem, & inter Annum 1700.

quære

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quære ex Tabula 100. Motum Fixarum congruentem Annis expansis, & collectis, in vnam summam redactum; nam si hanc summam addas, si tempus datum excedit Annos Christi 1700. vel demas, si antecedit, à Longitudine Anni 1700. fuit, seu relinquetur Longitudo Fixæ ad datum tempus.

*Exemplum in Regulo Anno 456.*

Anno 1700. completo Christi. Longitudo Reguli est ♌ grad. 25. 38'. 32''. Latitudo autem perpetua Borealis grad. 0. 26'. 20''.

Detur iam Annus Christi 456. completus, quo subtracto ab Annis 1700. restat interuallum Annorũ 1244. quibus respondet ex Tab. 100. Motus gr. 15. 30'. 29'', nam sic se habet summa.

| Motus | Gr. | I | II | III |
|---|---|---|---|---|
| *Annis* 1000 | 14 | 4 | 26 | 6 |
| *Annis* 200 | 2 | 48 | 53 | 20 |
| *Annis* 44 | 0 | 37 | 9 | 20 |
| *Summa* | | 30 | 8 | 46 |

Quam si demas (quia tempus datum antecedit) Radici ♌ gradibus 25. 38'. 32''. restat Reguli Longitudo ♌ grad. 10. 8'. 3''. illi conueniens in fine Anni 456. Et Latitudo Bor. grad. 0. 26'. 20''.

*Præcept. 136. Ascensionem Rectam, & Declinationem Fixarum præcipuarum reperire ad datum tempus, cum monito insigni pro lucido Humero Vrsæ Minoris, ac Stellis illi similibus.*

Si Stella Fixa in Tabula 99. non est Lucidus Humerus Vrsæ Minoris, quære in Tab. 99. Ascensionem rectam, & declinationem ipsi competentem in fine Anni Christi 1700. Et differentia centenaria ipsis adiectam. Addendam semper Ascensioni Rectæ Anni 1700. demendam autem si præcessit; ac quoad Declinationem, addendam, vel demendam, prout ibi notatur, si tempus subsequitur, nam si antecedit Annum 1700. contrarium faciendum, & addendum est vbi dicitur subtrahendum, & subtrahendum, vbi dicitur addendum. Porrò vtraque differentia multiplicanda est per interuallum temporis inter Annum 1700. & tempus datum, & summa diuidenda per 100. prodibit enim differentia, addenda, vel subtrahenda, vt dixi Radici Anni 1700.

*Exemplum in Regulo Anno 456.*

In Tab. 99. Anno 1700. completo Reguli Ascensio Recta est gr. 148. 4'. 15''. eiusq; differentia centenaria grad. 1. 22'. 30''. Declinatio autem Borea est grad. 13. 25'. 16''. eiusq; Differentia centenaria est 28'. 30''. Subtr. Interuallum temporis antecedentis fuit Annorum 1244. qui ducti per Ascensionis Rectæ differentiam gr. 1. 22'. 30''. resolutam prius in secunda scrupula 4950''. facit summam secundorum 5157800'. quæ diuisa per 100. relinquunt secunda 51578''. idest gr. 14. 19'. 38''. quia ergo tempus Radicem Anni 1700. antecessit, distrahendi sunt Ascensioni Rectæ graduum 148. 4'. 15''. dicti grad. 14. 19'. 38'' & relinquitur pro Anno Christi 456. Ascensio Recta Reguli gr. 133. 44'. 37''.

Iam vero Declinationis Differentia subtrahenda post, sed addenda ante, centenaria est 28'. 30''. idest 1710''. quæ ducta per annos 1244. facit secunda 2327240''. quibus diuisis per 100. restant 23272''. idest grad. 6. 27'. 52''. quibus adiectis Declinationi Anni 1700. nempe gradib. 13. 25'. 16''. fit pro Anno Christi 456. Reguli declinatio Borea gr. 19. 53'. 8''.

*De Vrsæ Minoris Lucido Humero pro Anno 456.*

Ostendimus olim lib. 6. Almagesti Noui cap. 19. Probl. 11. & inculcauimus Volumine primo Astronomiæ Reformatæ lib. 4. Omnium illarum Stellarum Fixarum Ascensionem Rectam aliquando decrescere, nec crescere longitudo, quantum latitudo maior est gr. 66. 29'. 40''. supposito, si supponimus obliquitatem Ecliticæ perpetuò esse gr. 23. 30'. 20''. si autem sint Stellæ Boreales, incipit Ascensio Recta decrescere in primo Ecliticæ quadrante, & desinit in secundo. Talium autem Fixarum in dict. Probl. 11. Boreales 99. & Australes 35. numeramus. Sed ex his nullam posuimus in Tab. 99. nisi Lucidam Humeri Vrsæ Min. quæ tempore Eudoxi erat Cynosura, & proxima Polo Mundi; huius autem Latitudo Borea est mihi gr. 72. 48'. 40''. vnde fit vt ab initio Mundi continuè eius Ascensio Recta decreuerit, & crescente longitudine decrescerit donec perueniat ad Leonis gradum proximè 15. Leonis, quod eueniet circa Annum Christi 2437.

Igitur tum eius Ascensio Recta Anno 1700. in Tab. 99. detur gr. 121. 39'. 29''. & differentia centenaria sit gr. 1. 15'. hoc est 75'. quæ ducta per Annos 1244. qui intercedũt ab Anno 456. ad 1700. faciat minuta 93300'. hisq; diuisis per 100. restent 933'', idest gr. 15. 33''. debent hic non subtrahi, sed addi gradib. 222. 39'. 20''. & sic fit Ascensio Recta Lucidi Humeri Vrsæ minoris pro Christi Anno 456. graduum 238. 12'. 20''.

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# TABVLAE NOVAL MAGESTICÆ SECVNDORVM MOBILIVM

Cum aliquot Tabulis Primi Mobilis ad eas necessarijs.

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# Prima Pars Tabularum Astronomicarum spectans ad Tempus.

*TABVLA 1. Partium Assis applicatarum.*

| Partes | | Circulo | Gradui, vel Horæ | Diei |
|---|---|---|---|---|
| Assis | Vnciæ | Grad. | Minuta | Horę |
| Vncia | 1 | 30 | 5 | 2 |
| Sextans | 2 | 60 | 10 | 4 |
| Quadrans | 3 | 90 | 15 | 6 |
| Triens | 4 | 120 | 20 | 8 |
| Quincunx | 5 | 150 | 25 | 10 |
| Semissis | 6 | 180 | 30 | 12 |
| Septunx | 7 | 210 | 35 | 14 |
| Bes | 8 | 240 | 40 | 16 |
| Dodrans | 9 | 270 | 45 | 18 |
| Dextans | 10 | 300 | 50 | 20 |
| Deunx | 11 | 330 | 55 | 22 |
| As Libra | 12 | 360 | 60 | 24 |

*TAB. 2. Resolutio Horæ, Gradus, aut Circuli in Scrupula.*

| Hora 1. vel Gradus 1. continet | | Circulus vnus continet | |
|---|---|---|---|
| Minuta | 60 | Gradus | 360 |
| Secunda | 3600 | Minuta | 21600 |
| Tertia | 216000 | Secunda | 1296000 |
| Quarta | 12960000 | Tertia | 77760000 |
| Quinta | 777600000 | Quarta | 4665600000 |
| Sexta | 46656000000 | Quinta | 279936000000 |
| Septima | 2799360000000 | Sexta | 16796160000000 |
| Octaua | 167961600000000 | Septima | 1007769600000000 |
| Nona | 10077696000000000 | Octaua | 60466176000000000 |
| Decima | 604661760000000000 | Nona | 362797056000000000000 |
| | | Decima | 2176782336000000000000 |

*TAB. 3. Conuersio Horarum, earumq; Scrupulorum in Diei Scrupula Prima, & Secunda, &c.*

| Horæ | Dies | I | II | Horę | Dies | I | II |
|---|---|---|---|---|---|---|---|
| Minuta | I | II | III | Minuta | I | II | III |
| Secũda | II | III | IV | Secũda | II | III | IV |
| 1 | 0 | 2 | 30 | 31 | 1 | 17 | 30 |
| 2 | 0 | 5 | 0 | 32 | 1 | 20 | 0 |
| 3 | 0 | 7 | 30 | 33 | 1 | 22 | 30 |
| 4 | 0 | 10 | 0 | 34 | 1 | 25 | 0 |
| 5 | 0 | 12 | 30 | 35 | 1 | 27 | 30 |
| 6 | 0 | 15 | 0 | 36 | 1 | 30 | 0 |
| 7 | 0 | 17 | 30 | 37 | 1 | 32 | 30 |
| 8 | 0 | 20 | 0 | 38 | 1 | 35 | 0 |
| 9 | 0 | 22 | 30 | 39 | 1 | 37 | 30 |
| 10 | 0 | 25 | 0 | 40 | 1 | 40 | 0 |
| 11 | 0 | 27 | 30 | 41 | 1 | 42 | 30 |
| 12 | 0 | 30 | 0 | 42 | 1 | 45 | 0 |
| 13 | 0 | 32 | 30 | 43 | 1 | 47 | 30 |
| 14 | 0 | 35 | 0 | 44 | 1 | 50 | 0 |
| 15 | 0 | 37 | 30 | 45 | 1 | 52 | 30 |
| 16 | 0 | 40 | 0 | 46 | 1 | 55 | 0 |
| 17 | 0 | 42 | 30 | 47 | 1 | 57 | 30 |
| 18 | 0 | 45 | 0 | 48 | 2 | 0 | 0 |
| 19 | 0 | 47 | 30 | 49 | 2 | 2 | 30 |
| 20 | 0 | 50 | 0 | 50 | 2 | 5 | 0 |
| 21 | 0 | 52 | 30 | 51 | 2 | 7 | 30 |
| 22 | 0 | 55 | 0 | 52 | 2 | 10 | 0 |
| 23 | 0 | 57 | 30 | 53 | 2 | 12 | 30 |
| 24 | 1 | 60 | 0 | 54 | 2 | 15 | 0 |
| 25 | 1 | 2 | 30 | 55 | 2 | 17 | 30 |
| 26 | 1 | 5 | 0 | 56 | 2 | 20 | 0 |
| 27 | 1 | 7 | 30 | 57 | 2 | 22 | 30 |
| 28 | 1 | 10 | 0 | 58 | 2 | 25 | 0 |
| 29 | 1 | 12 | 30 | 59 | 2 | 27 | 30 |
| 30 | 1 | 15 | 0 | 60 | 2 | 30 | 0 |

*TAB. 4. Conuersio Scrupulorum Diei in Horas Aequales, & Horaria scrupula.*

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

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## TABVLA 5. Collectio Dierum Anni Romani Communis, & Bissextilis.

| Bissex. | Cōm. | Ianu. | Febr. | Mart. | Aprīl. | Maius. | Iunius. | Iulius. | August. | Septēb. | Octob. | Nouēb. | Decēb. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 1 | 32 | 60 | 91 | 121 | 152 | 182 | 213 | 244 | 274 | 305 | 335 |
| 1 | 2 | 2 | 33 | 61 | 92 | 122 | 153 | 183 | 214 | 245 | 275 | 306 | 336 |
| 2 | 3 | 3 | 34 | 62 | 93 | 123 | 154 | 184 | 215 | 246 | 276 | 307 | 337 |
| 3 | 4 | 4 | 35 | 63 | 94 | 124 | 155 | 185 | 216 | 247 | 277 | 308 | 338 |
| 4 | 5 | 5 | 36 | 64 | 95 | 125 | 156 | 186 | 217 | 248 | 278 | 309 | 339 |
| 5 | 6 | 6 | 37 | 65 | 96 | 126 | 157 | 187 | 218 | 249 | 279 | 310 | 340 |
| 6 | 7 | 7 | 38 | 66 | 97 | 127 | 158 | 188 | 219 | 250 | 280 | 311 | 341 |
| 7 | 8 | 8 | 39 | 67 | 98 | 128 | 159 | 189 | 220 | 251 | 281 | 312 | 342 |
| 8 | 9 | 9 | 40 | 68 | 99 | 129 | 160 | 190 | 221 | 252 | 282 | 313 | 343 |
| 9 | 10 | 10 | 41 | 69 | 100 | 130 | 161 | 191 | 222 | 253 | 283 | 314 | 344 |
| 10 | 11 | 11 | 42 | 70 | 101 | 131 | 162 | 192 | 223 | 254 | 284 | 315 | 345 |
| 11 | 12 | 12 | 43 | 71 | 102 | 132 | 163 | 193 | 224 | 255 | 285 | 316 | 346 |
| 12 | 13 | 13 | 44 | 72 | 103 | 133 | 164 | 194 | 225 | 256 | 286 | 317 | 347 |
| 13 | 14 | 14 | 45 | 73 | 104 | 134 | 165 | 195 | 226 | 257 | 287 | 318 | 348 |
| 14 | 15 | 15 | 46 | 74 | 105 | 135 | 166 | 196 | 227 | 258 | 288 | 319 | 349 |
| 15 | 16 | 16 | 47 | 75 | 106 | 136 | 167 | 197 | 228 | 259 | 289 | 320 | 350 |
| 16 | 17 | 17 | 48 | 76 | 107 | 137 | 168 | 198 | 229 | 260 | 290 | 321 | 351 |
| 17 | 18 | 18 | 49 | 77 | 108 | 138 | 169 | 199 | 230 | 261 | 291 | 322 | 352 |
| 18 | 19 | 19 | 50 | 78 | 109 | 139 | 170 | 200 | 231 | 262 | 292 | 323 | 353 |
| 19 | 20 | 20 | 51 | 79 | 110 | 140 | 171 | 201 | 232 | 263 | 293 | 324 | 354 |
| 20 | 21 | 21 | 52 | 80 | 111 | 141 | 172 | 202 | 233 | 264 | 294 | 325 | 355 |
| 21 | 22 | 22 | 53 | 81 | 112 | 142 | 173 | 203 | 234 | 265 | 295 | 326 | 356 |
| 22 | 23 | 23 | 54 | 82 | 113 | 143 | 174 | 204 | 235 | 266 | 296 | 327 | 357 |
| 23 | 24 | 24 | 55 | 83 | 114 | 144 | 175 | 205 | 236 | 267 | 297 | 328 | 358 |
| 24 | 25 | 25 | 56 | 84 | 115 | 145 | 176 | 206 | 237 | 268 | 298 | 329 | 359 |
| 25 | 26 | 26 | 57 | 85 | 116 | 146 | 177 | 207 | 238 | 269 | 299 | 330 | 360 |
| 26 | 27 | 27 | 58 | 86 | 117 | 147 | 178 | 208 | 239 | 270 | 300 | 331 | 361 |
| 27 | 28 | 28 | 59 | 87 | 118 | 148 | 179 | 209 | 240 | 271 | 301 | 332 | 362 |
| 28 | 29 | 29 | 60 | 88 | 119 | 149 | 180 | 210 | 241 | 272 | 302 | 333 | 363 |
| 29 | 30 | 30 | ✠ | 89 | 120 | 150 | 181 | 211 | 242 | 273 | 303 | 334 | 364 |
| 30 | 31 | 31 | ✠ | 90 | 121 | 151 | 182 | 212 | 243 | 274 | 304 | 335 | 365 |
| 31 | ✠ | ✠ | ✠ | 91 | ✠ | 152 | ✠ | 213 | 244 | ✠ | 305 | ✠ | 366 |

## TABVLA 6. Collectio Dierum Anni Aegyptiaci.

| Dies. | Thoth | Paophi. | Athyr. | Choeac. | Tybi. | Mechyr. | Phamenoth. | Pharmuthi. | Pachon. | Payni. | Epephi. | Mesori. | Epagomenæ. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1 | 31 | 61 | 91 | 121 | 151 | 181 | 211 | 241 | 271 | 301 | 331 | 361 |
| 2 | 2 | 32 | 62 | 92 | 122 | 152 | 182 | 212 | 242 | 272 | 302 | 332 | 362 |
| 3 | 3 | 33 | 63 | 93 | 123 | 153 | 183 | 213 | 243 | 273 | 303 | 333 | 363 |
| 4 | 4 | 34 | 64 | 94 | 124 | 154 | 184 | 214 | 244 | 274 | 304 | 334 | 364 |
| 5 | 5 | 35 | 65 | 95 | 125 | 155 | 185 | 215 | 245 | 275 | 305 | 335 | 365 |
| 6 | 6 | 36 | 66 | 96 | 126 | 156 | 186 | 216 | 246 | 276 | 306 | 336 | |
| 7 | 7 | 37 | 67 | 97 | 127 | 157 | 187 | 217 | 247 | 277 | 307 | 337 | |
| 8 | 8 | 38 | 68 | 98 | 128 | 158 | 188 | 218 | 248 | 278 | 308 | 338 | |
| 9 | 9 | 39 | 69 | 99 | 129 | 159 | 189 | 219 | 249 | 279 | 309 | 339 | |
| 10 | 10 | 40 | 70 | 100 | 130 | 160 | 190 | 220 | 250 | 280 | 310 | 340 | |
| 11 | 11 | 41 | 71 | 101 | 131 | 161 | 191 | 221 | 251 | 281 | 311 | 341 | |
| 12 | 12 | 42 | 72 | 102 | 132 | 162 | 192 | 222 | 252 | 282 | 312 | 342 | |
| 13 | 13 | 43 | 73 | 103 | 133 | 163 | 193 | 223 | 253 | 283 | 313 | 343 | |
| 14 | 14 | 44 | 74 | 104 | 134 | 164 | 194 | 224 | 254 | 284 | 314 | 344 | |
| 15 | 15 | 45 | 75 | 105 | 135 | 165 | 195 | 225 | 255 | 285 | 315 | 345 | |
| 16 | 16 | 46 | 76 | 106 | 136 | 166 | 196 | 226 | 256 | 286 | 316 | 346 | |
| 17 | 17 | 47 | 77 | 107 | 137 | 167 | 197 | 227 | 257 | 287 | 317 | 347 | |
| 18 | 18 | 48 | 78 | 108 | 138 | 168 | 198 | 228 | 258 | 288 | 318 | 348 | |
| 19 | 19 | 49 | 79 | 109 | 139 | 169 | 199 | 229 | 259 | 289 | 319 | 349 | |
| 20 | 20 | 50 | 80 | 110 | 140 | 170 | 200 | 230 | 260 | 290 | 320 | 350 | |
| 21 | 21 | 51 | 81 | 111 | 141 | 171 | 201 | 231 | 261 | 291 | 321 | 351 | |
| 22 | 22 | 52 | 82 | 112 | 142 | 172 | 202 | 232 | 262 | 292 | 322 | 352 | |
| 23 | 23 | 53 | 83 | 113 | 143 | 173 | 203 | 233 | 263 | 293 | 323 | 353 | |
| 24 | 24 | 54 | 84 | 114 | 144 | 174 | 204 | 234 | 264 | 294 | 324 | 354 | |
| 25 | 25 | 55 | 85 | 115 | 145 | 175 | 205 | 235 | 265 | 295 | 325 | 355 | |
| 26 | 26 | 56 | 86 | 116 | 146 | 176 | 206 | 236 | 266 | 296 | 326 | 356 | |
| 27 | 27 | 57 | 87 | 117 | 147 | 177 | 207 | 237 | 267 | 297 | 327 | 357 | |
| 28 | 28 | 58 | 88 | 118 | 148 | 178 | 208 | 238 | 268 | 298 | 328 | 358 | |
| 29 | 29 | 59 | 89 | 119 | 149 | 179 | 209 | 239 | 269 | 299 | 329 | 359 | |
| 30 | 30 | 60 | 90 | 120 | 150 | 180 | 210 | 240 | 270 | 300 | 330 | 360 | |



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*TAB. 7. Conuersio Horarum Primi Mobilis in Partes Aequatoris, cum Aequatione Addenda pro Horis Diei Solaris.*

| Pri.Mob. | Æquat. | Adde pro ☉ | |
|---|---|---|---|
| Horæ | Gr. | I | II |
| Minut. | I | II | III |
| Secund. | II | III | IV |
| 1 | 15 | 2 | 28 |
| 2 | 30 | 4 | 56 |
| 3 | 45 | 7 | 24 |
| 4 | 60 | 9 | 52 |
| 5 | 75 | 12 | 20 |
| 6 | 90 | 14 | 47 |
| 7 | 105 | 17 | 15 |
| 8 | 120 | 19 | 43 |
| 9 | 135 | 22 | 11 |
| 10 | 150 | 24 | 39 |
| 11 | 165 | 27 | 7 |
| 12 | 180 | 29 | 35 |
| 13 | 195 | 32 | 3 |
| 14 | 210 | 34 | 31 |
| 15 | 225 | 36 | 59 |
| 16 | 240 | 39 | 26 |
| 17 | 255 | 41 | 54 |
| 18 | 270 | 44 | 22 |
| 19 | 285 | 46 | 50 |
| 20 | 300 | 49 | 18 |
| 21 | 315 | 51 | 46 |
| 22 | 330 | 54 | 14 |
| 23 | 345 | 56 | 42 |
| 24 | 360 | 59 | 10 |

| I.Mob. | Æquatoris. | | Adde pro ☉ | |
|---|---|---|---|---|
| Min. | G. | I | I | II |
| Secũd. | I | II | II | III |
| Tert. | II | III | III | IV |
| 1 | 0 | 15 | 0 | 2 |
| 2 | 0 | 30 | 0 | 5 |
| 3 | 0 | 45 | 0 | 7 |
| 4 | 1 | 0 | 0 | 10 |
| 5 | 1 | 15 | 0 | 12 |
| 6 | 1 | 30 | 0 | 15 |
| 7 | 1 | 45 | 0 | 17 |
| 8 | 2 | 0 | 0 | 20 |
| 9 | 2 | 15 | 0 | 22 |
| 10 | 2 | 30 | 0 | 25 |
| 11 | 2 | 45 | 0 | 27 |
| 12 | 3 | 0 | 0 | 30 |
| 13 | 3 | 15 | 0 | 32 |
| 14 | 3 | 30 | 0 | 35 |
| 15 | 3 | 45 | 0 | 37 |
| 16 | 4 | 0 | 0 | 39 |
| 17 | 4 | 15 | 0 | 42 |
| 18 | 4 | 30 | 0 | 44 |
| 19 | 4 | 45 | 0 | 47 |
| 20 | 5 | 0 | 0 | 49 |
| 21 | 5 | 15 | 0 | 52 |
| 22 | 5 | 30 | 0 | 54 |
| 23 | 5 | 45 | 0 | 57 |
| 24 | 6 | 0 | 0 | 59 |
| 25 | 6 | 15 | 1 | 2 |
| 26 | 6 | 30 | 1 | 4 |
| 27 | 6 | 45 | 1 | 7 |
| 28 | 7 | 0 | 1 | 9 |
| 29 | 7 | 15 | 1 | 11 |
| 30 | 7 | 30 | 1 | 14 |

| I.Mob. | Æquatoris. | | Adde pro ☉ | |
|---|---|---|---|---|
| Minut. | G. | I | I | II |
| Secũd. | I | II | II | III |
| Tert. | II | III | III | IV |
| 31 | 7 | 45 | 1 | 16 |
| 32 | 8 | 0 | 1 | 19 |
| 33 | 8 | 15 | 1 | 21 |
| 34 | 8 | 30 | 1 | 24 |
| 35 | 8 | 45 | 1 | 26 |
| 36 | 9 | 0 | 1 | 29 |
| 37 | 9 | 15 | 1 | 31 |
| 38 | 9 | 30 | 1 | 34 |
| 39 | 9 | 45 | 1 | 36 |
| 40 | 10 | 0 | 1 | 39 |
| 41 | 10 | 15 | 1 | 41 |
| 42 | 10 | 30 | 1 | 44 |
| 43 | 10 | 45 | 1 | 46 |
| 44 | 11 | 0 | 1 | 48 |
| 45 | 11 | 15 | 1 | 51 |
| 46 | 11 | 30 | 1 | 53 |
| 47 | 11 | 45 | 1 | 56 |
| 48 | 12 | 0 | 1 | 58 |
| 49 | 12 | 15 | 2 | 1 |
| 50 | 12 | 30 | 2 | 3 |
| 51 | 12 | 45 | 2 | 6 |
| 52 | 13 | 0 | 2 | 8 |
| 53 | 13 | 15 | 2 | 11 |
| 54 | 13 | 30 | 2 | 13 |
| 55 | 13 | 45 | 2 | 16 |
| 56 | 14 | 0 | 2 | 18 |
| 57 | 14 | 15 | 2 | 21 |
| 58 | 14 | 30 | 2 | 23 |
| 59 | 14 | 45 | 2 | 25 |
| 60 | 15 | 0 | 2 | 28 |

*TAB. 8. Conuersio Partium Aequatoris in Tempus Primi Mobilis, cum Aequatione Subtrahenda pro Diei Solaris Temporibus.*

| Æquat. | Tẽp. I.Mob. | | Subtr. pro ☉ | |
|---|---|---|---|---|
| Grad. | Hor. | I | I | II |
| Min. | I | II | II | III |
| Secũd. | II | III | III | IV |
| 1 | 0 | 4 | 0 | 1 |
| 2 | 0 | 8 | 0 | 1 |
| 3 | 0 | 12 | 0 | 2 |
| 4 | 0 | 16 | 0 | 3 |
| 5 | 0 | 20 | 0 | 3 |
| 6 | 0 | 24 | 0 | 4 |
| 7 | 0 | 28 | 0 | 5 |
| 8 | 0 | 32 | 0 | 5 |
| 9 | 0 | 36 | 0 | 6 |
| 10 | 0 | 40 | 0 | 7 |
| 11 | 0 | 44 | 0 | 7 |
| 12 | 0 | 48 | 0 | 8 |
| 13 | 0 | 52 | 0 | 9 |
| 14 | 0 | 56 | 0 | 9 |
| 15 | 1 | 0 | 0 | 10 |
| 16 | 1 | 4 | 0 | 10 |
| 17 | 1 | 8 | 0 | 11 |
| 18 | 1 | 12 | 0 | 12 |
| 19 | 1 | 16 | 0 | 12 |
| 20 | 1 | 20 | 0 | 13 |
| 21 | 1 | 24 | 0 | 14 |
| 22 | 1 | 28 | 0 | 14 |
| 23 | 1 | 32 | 0 | 15 |
| 24 | 1 | 36 | 0 | 16 |
| 25 | 1 | 40 | 0 | 16 |
| 26 | 1 | 44 | 0 | 17 |
| 27 | 1 | 48 | 0 | 18 |
| 28 | 1 | 52 | 0 | 18 |
| 29 | 1 | 56 | 0 | 19 |
| 30 | 2 | 0 | 0 | 20 |

| Æquat. | Tẽp. I.Mob. | | Subtr. pro ☉ | |
|---|---|---|---|---|
| Gr. | H. | I | I | II |
| Min. | I | II | II | III |
| Sec. | II | III | III | IV |
| 31 | 2 | 4 | 0 | 20 |
| 32 | 2 | 8 | 0 | 21 |
| 33 | 2 | 12 | 0 | 22 |
| 34 | 2 | 16 | 0 | 22 |
| 35 | 2 | 20 | 0 | 23 |
| 36 | 2 | 24 | 0 | 23 |
| 37 | 2 | 28 | 0 | 24 |
| 38 | 2 | 32 | 0 | 25 |
| 39 | 2 | 36 | 0 | 25 |
| 40 | 2 | 40 | 0 | 26 |
| 41 | 2 | 44 | 0 | 27 |
| 42 | 2 | 48 | 0 | 27 |
| 43 | 2 | 52 | 0 | 28 |
| 44 | 2 | 56 | 0 | 28 |
| 45 | 3 | 0 | 0 | 29 |
| 46 | 3 | 4 | 0 | 30 |
| 47 | 3 | 8 | 0 | 30 |
| 48 | 3 | 12 | 0 | 31 |
| 49 | 3 | 16 | 0 | 32 |
| 50 | 3 | 20 | 0 | 32 |
| 51 | 3 | 24 | 0 | 33 |
| 52 | 3 | 28 | 0 | 34 |
| 53 | 3 | 32 | 0 | 34 |
| 54 | 3 | 36 | 0 | 35 |
| 55 | 3 | 40 | 0 | 36 |
| 56 | 3 | 44 | 0 | 36 |
| 57 | 3 | 48 | 0 | 37 |
| 58 | 3 | 52 | 0 | 38 |
| 59 | 3 | 56 | 0 | 38 |
| 60 | 4 | 0 | 0 | 39 |

| Æquat. | Tẽp. I.Mob. | | Subtr. pro ☉ | |
|---|---|---|---|---|
| Gr. | H. | I | I | II |
| Min. | I | II | II | III |
| Sec. | II | III | III | IV |
| 70 | 4 | 40 | 0 | 44 |
| 80 | 5 | 20 | 0 | 53 |
| 90 | 6 | 0 | 1 | 1 |
| 100 | 6 | 40 | 1 | 6 |
| 110 | 7 | 20 | 1 | 12 |
| 120 | 8 | 0 | 1 | 19 |
| 130 | 8 | 40 | 1 | 25 |
| 140 | 9 | 20 | 1 | 32 |
| 150 | 10 | 0 | 1 | 38 |
| 160 | 10 | 40 | 1 | 45 |
| 170 | 11 | 20 | 1 | 52 |
| 180 | 12 | 0 | 1 | 58 |
| 190 | 12 | 40 | 2 | 5 |
| 200 | 13 | 20 | 2 | 12 |
| 210 | 14 | 0 | 2 | 18 |
| 220 | 14 | 40 | 2 | 24 |
| 230 | 15 | 20 | 2 | 31 |
| 240 | 16 | 0 | 2 | 37 |
| 250 | 16 | 40 | 2 | 44 |
| 260 | 17 | 20 | 2 | 50 |
| 270 | 18 | 0 | 2 | 57 |
| 280 | 18 | 40 | 3 | 4 |
| 290 | 19 | 20 | 3 | 10 |
| 300 | 20 | 0 | 3 | 17 |
| 310 | 20 | 40 | 3 | 23 |
| 320 | 21 | 20 | 3 | 30 |
| 330 | 22 | 0 | 3 | 36 |
| 340 | 22 | 40 | 3 | 43 |
| 350 | 23 | 20 | 3 | 49 |
| 360 | 24 | 0 | 3 | 56 |

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## TABVLA 9. *Conuersionis Horarum in alias Horas, à diuerso Diei initio numeratas.*

| Horæ conuertendæ. | Horæ in quas conuertendæ. | Conuertuntur. |
|---|---|---|
| *Babylonicæ*, seu ab Ortu Solis; in | *Astronomicas*, à Meridie præcedenti numerandas, addendo Babylonicis semidiurnam quantitatem, & nocturnam.<br>*Europæas*, à Meridie; subtrahendo Babylonicis semidiurnam quantitatem, si Babylonicæ excedant illam; si autem non excedant, facta subtractione demantur residuo horæ 12. & remanebunt horæ Europeæ à media nocte.<br>*Italicas*, seu ab Occasu, addendo Babylonicis nocturnam quantitatem. | |
| *Italicæ*, seu ab Occasu Solis; in | *Astronomicas*; addendo Italicis semidiurnam quantitatem.<br>*Europæas* à Meridie (si Italicæ non excedant seminocturnam quantitatem) addendo Italicis semidiurnam.<br>*Europæas* à media nocte (si Italicæ excedant seminocturnam quantitatem) subtrahendo Italicis seminocturnam quantitatem.<br>*Babylonicas*, subtrahendo tempus nocturnum Italicis. | |
| *Astronomicæ*, seu à meridie ad meridiem; in | *Europæas* à meridie, si non excedant 12. nihil addendo, aut subtrahendo.<br>*Europæas* à media nocte, si Astronomicis excedentibus horas 12. demantur 12.<br>*Babylonicas*, addendo Astronomicis semidiurnam quantitatem.<br>*Italicas*, subtrahendo Astronomicis semidiurnam quantitatem. | |
| *Europæ* à media nocte, namque à meridie, coincidunt cum Astronomicis; in | *Astronomicas*, addendo Europæis horas 12.<br>*Babylonicas*, subtrahendo seminocturnam quantitatem Europæis.<br>*Italicas*, addendo Europæis seminocturnam quantitatem. | |

Quoties subtractio fieri nequit, adde 24. horis datis, & à summa subtrahe, quod imperatur.
Quoties ex Additione fiunt plusquam 24. abijce 24. & reliquas retine.

## TABVLA 10. *Quantitas Horæ vnius Temporalis, Respondens quantitati Diei Artificialis.*

| Minuta Diei Artific. | Duodecimaeorũ pars. | | Minuta Diei Artific. | Duod. eorum pars. | | Artific. Diei. | | Duodecima pars. | | Artific. Diei. | | Duodecima pars. | | | Artific. Diei. | | Duodecima pars. | | | Artific. Diei. | | Duodecima pars. | | | Artific. Diei. | | Duodecima pars. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Min. | I | II | Min. | I | II | H. | I | I | II | H. | I | H. | I | II | H. | I | H. | I | II | H. | I | H. | I | II | H. | I | H. | I | II |
| II | H | III | II | II | III | I | II | II | III | I | H | I | II | III | I | II | I | II | III | I | II | I | II | III | I | II | I | II | III |
| | | | | | | 1 | 0 | 5 | 0 | 7 | 0 | 0 | 35 | 0 | 13 | 0 | 1 | 5 | 0 | 19 | 0 | 1 | 35 | 0 | | | | | |
| 1 | 0 | 5 | 31 | 2 | 35 | | 10 | 5 | 50 | | 10 | 0 | 35 | 50 | | 10 | 1 | 5 | 50 | | 10 | 1 | 35 | 50 | | | | | |
| 2 | 0 | 10 | 32 | 2 | 40 | | 20 | 6 | 40 | | 20 | 0 | 36 | 40 | | 20 | 1 | 6 | 40 | | 20 | 1 | 36 | 40 | | | | | |
| 3 | 0 | 15 | 33 | 2 | 45 | | 30 | 7 | 30 | | 30 | 0 | 37 | 30 | | 30 | 1 | 7 | 30 | | 30 | 1 | 37 | 30 | | | | | |
| 4 | 0 | 20 | 34 | 2 | 50 | | 40 | 8 | 20 | | 40 | 0 | 38 | 20 | | 40 | 1 | 8 | 20 | | 40 | 1 | 38 | 20 | | | | | |
| 5 | 0 | 25 | 35 | 2 | 55 | | 50 | 9 | 10 | | 50 | 0 | 39 | 10 | | 50 | 1 | 9 | 10 | | 50 | 1 | 39 | 10 | | | | | |
| | | | | | | 2 | 0 | 10 | 0 | 8 | 0 | 0 | 40 | 0 | 14 | 0 | 1 | 10 | 0 | 20 | 0 | 1 | 40 | 0 | | | | | |
| 6 | 0 | 30 | 36 | 3 | 0 | | 10 | 10 | 50 | | 10 | 0 | 40 | 50 | | 10 | 1 | 10 | 50 | | 10 | 1 | 40 | 50 | | | | | |
| 7 | 0 | 35 | 37 | 3 | 5 | | 20 | 11 | 40 | | 20 | 0 | 41 | 40 | | 20 | 1 | 11 | 40 | | 20 | 1 | 41 | 40 | | | | | |
| 8 | 0 | 40 | 38 | 3 | 10 | | 30 | 12 | 30 | | 30 | 0 | 42 | 30 | | 30 | 1 | 12 | 30 | | 30 | 1 | 42 | 30 | | | | | |
| 9 | 0 | 45 | 39 | 3 | 15 | | 40 | 13 | 20 | | 40 | 0 | 43 | 20 | | 40 | 1 | 13 | 20 | | 40 | 1 | 43 | 20 | | | | | |
| 10 | 0 | 50 | 40 | 3 | 20 | | 50 | 14 | 10 | | 50 | 0 | 44 | 10 | | 50 | 1 | 14 | 10 | | 50 | 1 | 44 | 10 | | | | | |
| | | | | | | 3 | 0 | 15 | 0 | 9 | 0 | 0 | 45 | 0 | 15 | 0 | 1 | 15 | 0 | 21 | 0 | 1 | 45 | 0 | | | | | |
| 11 | 0 | 55 | 41 | 3 | 25 | | 10 | 15 | 50 | | 10 | 0 | 45 | 50 | | 10 | 1 | 15 | 50 | | 10 | 1 | 45 | 50 | | | | | |
| 12 | 1 | 0 | 42 | 3 | 30 | | 20 | 16 | 40 | | 20 | 0 | 46 | 40 | | 20 | 1 | 16 | 40 | | 20 | 1 | 46 | 40 | | | | | |
| 13 | 1 | 5 | 43 | 3 | 35 | | 30 | 17 | 30 | | 30 | 0 | 47 | 30 | | 30 | 1 | 17 | 30 | | 30 | 1 | 47 | 30 | | | | | |
| 14 | 1 | 10 | 44 | 3 | 40 | | 40 | 18 | 20 | | 40 | 0 | 48 | 20 | | 40 | 1 | 18 | 20 | | 40 | 1 | 48 | 20 | | | | | |
| 15 | 1 | 15 | 45 | 3 | 45 | | 50 | 19 | 10 | | 50 | 0 | 49 | 10 | | 50 | 1 | 19 | 10 | | 50 | 1 | 49 | 10 | | | | | |
| | | | | | | 4 | 0 | 20 | 0 | 10 | 0 | 0 | 50 | 0 | 16 | 0 | 1 | 20 | 0 | 22 | 0 | 1 | 50 | 0 | | | | | |
| 16 | 1 | 20 | 46 | 3 | 50 | | 10 | 20 | 50 | | 10 | 0 | 50 | 50 | | 10 | 1 | 20 | 50 | | 10 | 1 | 50 | 50 | | | | | |
| 17 | 1 | 25 | 47 | 3 | 55 | | 20 | 21 | 40 | | 20 | 0 | 51 | 40 | | 20 | 1 | 21 | 40 | | 20 | 1 | 51 | 40 | | | | | |
| 18 | 1 | 30 | 48 | 4 | 0 | | 30 | 22 | 30 | | 30 | 0 | 52 | 30 | | 30 | 1 | 22 | 30 | | 30 | 1 | 52 | 30 | | | | | |
| 19 | 1 | 35 | 49 | 4 | 5 | | 40 | 23 | 20 | | 40 | 0 | 53 | 20 | | 40 | 1 | 23 | 20 | | 40 | 1 | 53 | 20 | | | | | |
| 20 | 1 | 40 | 50 | 4 | 10 | | 50 | 24 | 10 | | 50 | 0 | 54 | 10 | | 50 | 1 | 24 | 10 | | 50 | 1 | 54 | 10 | | | | | |
| | | | | | | 5 | 0 | 25 | 0 | 11 | 0 | 0 | 55 | 0 | 17 | 0 | 1 | 25 | 0 | 23 | 0 | 1 | 55 | 0 | | | | | |
| 21 | 1 | 45 | 51 | 4 | 15 | | 10 | 25 | 50 | | 10 | 0 | 55 | 50 | | 10 | 1 | 25 | 50 | | 10 | 1 | 55 | 50 | | | | | |
| 22 | 1 | 50 | 52 | 4 | 20 | | 20 | 26 | 40 | | 20 | 0 | 56 | 40 | | 20 | 1 | 26 | 40 | | 20 | 1 | 56 | 40 | | | | | |
| 23 | 1 | 55 | 53 | 4 | 25 | | 30 | 27 | 30 | | 30 | 0 | 57 | 30 | | 30 | 1 | 27 | 30 | | 30 | 1 | 57 | 30 | | | | | |
| 24 | 2 | 0 | 54 | 4 | 30 | | 40 | 28 | 20 | | 40 | 0 | 58 | 20 | | 40 | 1 | 28 | 20 | | 40 | 1 | 58 | 20 | | | | | |
| 25 | 2 | 5 | 55 | 4 | 35 | | 50 | 29 | 10 | | 50 | 0 | 59 | 10 | | 50 | 1 | 29 | 10 | | 50 | 1 | 59 | 10 | | | | | |
| | | | | | | 6 | 0 | 30 | 0 | 12 | 0 | 1 | 0 | 0 | 18 | 0 | 1 | 30 | 0 | 24 | 0 | 2 | 0 | 0 | | | | | |
| 26 | 2 | 10 | 56 | 4 | 40 | | 10 | 30 | 50 | | 10 | 1 | 0 | 50 | | 10 | 1 | 30 | 50 | | | | | | | | | | |
| 27 | 2 | 15 | 57 | 4 | 45 | | 20 | 31 | 40 | | 20 | 1 | 1 | 40 | | 20 | 1 | 31 | 40 | | | | | | | | | | |
| 28 | 2 | 20 | 58 | 4 | 50 | | 30 | 32 | 30 | | 30 | 1 | 2 | 30 | | 30 | 1 | 32 | 30 | | | | | | | | | | |
| 29 | 2 | 25 | 59 | 4 | 55 | | 40 | 33 | 20 | | 40 | 1 | 3 | 20 | | 40 | 1 | 33 | 20 | | | | | | | | | | |
| 30 | 2 | 30 | 60 | 5 | 0 | | 50 | 34 | 10 | | 50 | 1 | 4 | 10 | | 50 | 1 | 34 | 10 | | | | | | | | | | |

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| Sign. Auſt. | Sign. Bor. | TAB. II. Semidiurni Temporis, quando Sol eſt in Signis Borealibus; Seminocturni autem quando Sol eſt in Signis Auſtralibus ad infraſcriptas Poli Altitudines. | | | | | | | | | | | | Sign. Bor. | Sign. Auſt. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Polus. | | 6 | 12 | 16 | 20 | 24 | 27 | 30 | 32 | 34 | 35 | 36 | 37 | Polus. | |
| Gradus. | | H. ′ | H. ′ | H. ′ | H. ′ | H. ′ | H. ′ | H. ′ | H. ′ | H. ′ | H. ′ | H. ′ | H. ′ | Gradus. | |
| ♎ | ♈ | 6 0 | 6 0 | 6 0 | 6 0 | 6 0 | 6 0 | 6 0 | 6 0 | 6 0 | 6 0 | 6 0 | 6 0 | 30 | |
| | 3 | 6 0 | 6 1 | 6 1 | 6 2 | 6 2 | 6 2 | 6 3 | 6 3 | 6 3 | 6 3 | 6 3 | 6 4 | 27 | |
| | 6 | 6 1 | 6 2 | 6 3 | 6 4 | 6 4 | 6 5 | 6 6 | 6 6 | 6 6 | 6 7 | 6 7 | 6 7 | 24 | |
| | 9 | 6 1 | 6 3 | 6 4 | 6 5 | 6 6 | 6 7 | 6 8 | 6 9 | 6 10 | 6 10 | 6 10 | 6 11 | 21 | |
| | 12 | 6 2 | 6 4 | 6 5 | 6 7 | 6 8 | 6 10 | 6 11 | 6 12 | 6 13 | 6 13 | 6 14 | 6 14 | 18 | |
| | 15 | 6 2 | 6 5 | 6 7 | 6 9 | 6 11 | 6 12 | 6 14 | 6 15 | 6 16 | 6 17 | 6 17 | 6 18 | 15 | |
| | 18 | 6 3 | 6 6 | 6 8 | 6 10 | 6 13 | 6 14 | 6 16 | 6 18 | 6 19 | 6 20 | 6 21 | 6 22 | 12 | |
| | 21 | 6 3 | 6 7 | 6 9 | 6 12 | 6 15 | 6 17 | 6 19 | 6 21 | 6 22 | 6 23 | 6 24 | 6 25 | 9 | |
| | 24 | 6 4 | 6 8 | 6 11 | 6 14 | 6 17 | 6 19 | 6 22 | 6 24 | 6 25 | 6 26 | 6 27 | 6 28 | 6 | |
| | 27 | 6 4 | 6 9 | 6 12 | 6 15 | 6 19 | 6 22 | 6 24 | 6 27 | 6 28 | 6 30 | 6 31 | 6 32 | 3 | |
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| | 3 | 6 5 | 6 11 | 6 14 | 6 18 | 6 22 | 6 26 | 6 29 | 6 32 | 6 34 | 6 36 | 6 37 | 6 39 | 27 | |
| | 6 | 6 6 | 6 12 | 6 16 | 6 20 | 6 24 | 6 28 | 6 32 | 6 33 | 6 37 | 6 39 | 6 40 | 6 42 | 24 | |
| | 9 | 6 6 | 6 13 | 6 17 | 6 22 | 6 26 | 6 30 | 6 34 | 6 37 | 6 40 | 6 42 | 6 43 | 6 45 | 21 | |
| | 12 | 6 7 | 6 13 | 6 18 | 6 23 | 6 28 | 6 32 | 6 37 | 6 40 | 6 43 | 6 45 | 6 46 | 6 48 | 18 | |
| | 15 | 6 7 | 6 14 | 6 19 | 6 24 | 6 30 | 6 34 | 6 39 | 6 42 | 6 46 | 6 48 | 6 49 | 6 51 | 15 | |
| | 18 | 6 7 | 6 15 | 6 20 | 6 26 | 6 32 | 6 36 | 6 41 | 6 45 | 6 49 | 6 50 | 6 52 | 6 54 | 12 | |
| | 21 | 6 8 | 6 16 | 6 21 | 6 27 | 6 33 | 6 38 | 6 43 | 6 47 | 6 51 | 6 52 | 6 55 | 6 57 | 9 | |
| | 24 | 6 8 | 6 17 | 6 22 | 6 28 | 6 35 | 6 40 | 6 45 | 6 49 | 6 53 | 6 55 | 6 57 | 7 0 | 6 | |
| | 27 | 6 8 | 6 17 | 6 23 | 6 30 | 6 36 | 6 42 | 6 47 | 6 51 | 6 56 | 6 57 | 7 0 | 7 2 | 3 | |
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| | 6 | 6 9 | 6 19 | 6 26 | 6 33 | 6 40 | 6 46 | 6 52 | 6 56 | 7 2 | 7 4 | 7 6 | 7 8 | 24 | |
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| | 12 | 6 10 | 6 20 | 6 27 | 6 34 | 6 42 | 6 48 | 6 55 | 6 59 | 7 5 | 7 7 | 7 9 | 7 12 | 18 | |
| | 15 | 6 10 | 6 20 | 6 27 | 6 35 | 6 43 | 6 49 | 6 56 | 7 0 | 7 6 | 7 9 | 7 11 | 7 13 | 15 | |
| | 18 | 6 10 | 6 20 | 6 28 | 6 35 | 6 43 | 6 50 | 6 56 | 7 1 | 7 7 | 7 9 | 7 12 | 7 14 | 12 | |
| | 21 | 6 10 | 6 21 | 6 28 | 6 36 | 6 44 | 6 50 | 6 57 | 7 2 | 7 8 | 7 10 | 7 13 | 7 15 | 9 | |
| | 24 | 6 10 | 6 21 | 6 28 | 6 36 | 6 44 | 6 51 | 6 58 | 7 3 | 7 8 | 7 10 | 7 13 | 7 16 | 6 | |
| | 27 | 6 10 | 6 21 | 6 29 | 6 36 | 6 45 | 6 51 | 6 58 | 7 3 | 7 8 | 7 11 | 7 14 | 7 16 | 3 | |
| | 30 | 6 10 | 6 21 | 6 29 | 6 36 | 6 45 | 6 51 | 6 58 | 7 3 | 7 8 | 7 11 | 7 14 | 7 17 | ♋ | ♑ |

| Poli altitud. | | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | | |
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| Gradus. | | H. ′ | H. ′ | H. ′ | H. ′ | H. ′ | H. ′ | H. ′ | H. ′ | H. ′ | H. ′ | H. ′ | H. ′ | Gradus. | |
| ♎ | ♈ | 6 0 | 6 0 | 6 0 | 6 0 | 6 0 | 6 0 | 6 0 | 6 0 | 6 0 | 6 0 | 6 0 | 6 0 | 30 | |
| | 3 | 6 4 | 6 4 | 6 4 | 6 4 | 6 4 | 6 4 | 6 5 | 6 5 | 6 5 | 6 5 | 6 5 | 6 6 | 27 | |
| | 6 | 6 8 | 6 8 | 6 8 | 6 8 | 6 9 | 6 9 | 6 9 | 6 10 | 6 10 | 6 10 | 6 11 | 6 11 | 24 | |
| | 9 | 6 11 | 6 12 | 6 12 | 6 12 | 6 13 | 6 13 | 6 14 | 6 14 | 6 15 | 6 15 | 6 16 | 6 16 | 21 | |
| | 12 | 6 15 | 6 15 | 6 16 | 6 17 | 6 17 | 6 18 | 6 18 | 6 19 | 6 20 | 6 20 | 6 21 | 6 22 | 18 | |
| | 15 | 6 19 | 6 19 | 6 20 | 6 21 | 6 21 | 6 22 | 6 23 | 6 24 | 6 20 | 6 26 | 6 27 | 6 27 | 15 | |
| | 18 | 6 22 | 6 23 | 6 24 | 6 25 | 6 26 | 6 27 | 6 27 | 6 29 | 6 30 | 6 31 | 6 32 | 6 33 | 12 | |
| | 21 | 6 26 | 6 27 | 6 28 | 6 29 | 6 30 | 6 31 | 6 32 | 6 33 | 6 34 | 6 36 | 6 37 | 6 38 | 9 | |
| | 24 | 6 30 | 6 31 | 6 32 | 6 33 | 6 34 | 6 35 | 6 36 | 6 38 | 6 39 | 6 41 | 6 42 | 6 44 | 6 | |
| | 27 | 6 33 | 6 34 | 6 36 | 6 37 | 6 38 | 6 40 | 6 41 | 6 43 | 6 44 | 6 46 | 6 47 | 6 49 | 3 | |
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| | 3 | 6 40 | 6 41 | 6 43 | 6 45 | 6 46 | 6 48 | 6 50 | 6 51 | 6 53 | 6 55 | 6 57 | 6 59 | 27 | |
| | 6 | 6 43 | 6 45 | 6 47 | 6 48 | 6 50 | 6 52 | 6 54 | 6 56 | 6 57 | 7 0 | 7 2 | 7 4 | 24 | |
| | 9 | 6 47 | 6 48 | 6 50 | 6 52 | 6 54 | 6 56 | 6 58 | 7 0 | 7 2 | 7 5 | 7 7 | 7 9 | 21 | |
| | 12 | 6 50 | 6 52 | 6 54 | 6 56 | 6 58 | 7 0 | 7 2 | 7 4 | 7 7 | 7 9 | 7 12 | 7 14 | 18 | |
| | 15 | 6 53 | 6 55 | 6 57 | 6 59 | 7 1 | 7 4 | 7 6 | 7 8 | 7 11 | 7 13 | 7 17 | 7 19 | 15 | |
| | 18 | 6 56 | 6 58 | 7 0 | 7 3 | 7 5 | 7 7 | 7 10 | 7 12 | 7 15 | 7 18 | 7 21 | 7 24 | 12 | |
| | 21 | 6 59 | 7 1 | 7 3 | 7 6 | 7 8 | 7 11 | 7 13 | 7 16 | 7 19 | 7 22 | 7 25 | 7 28 | 9 | |
| | 24 | 7 2 | 7 4 | 7 6 | 7 9 | 7 11 | 7 14 | 7 17 | 7 20 | 7 23 | 7 26 | 7 29 | 7 32 | 6 | |
| | 27 | 7 4 | 7 7 | 7 9 | 7 12 | 7 14 | 7 17 | 7 20 | 7 23 | 7 26 | 7 29 | 7 33 | 7 36 | 3 | |
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| | 6 | 7 11 | 7 14 | 7 16 | 7 19 | 7 23 | 7 26 | 7 29 | 7 32 | 7 36 | 7 39 | 7 43 | 7 47 | 24 | |
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| | 12 | 7 15 | 7 17 | 7 20 | 7 23 | 7 27 | 7 30 | 7 33 | 7 37 | 7 40 | 7 44 | 7 48 | 7 53 | 18 | |
| | 15 | 7 16 | 7 19 | 7 22 | 7 25 | 7 28 | 7 32 | 7 35 | 7 39 | 7 42 | 7 46 | 7 50 | 7 55 | 15 | |
| | 18 | 7 17 | 7 20 | 7 23 | 7 26 | 7 30 | 7 33 | 7 37 | 7 40 | 7 44 | 7 48 | 7 52 | 7 57 | 12 | |
| | 21 | 7 18 | 7 21 | 7 24 | 7 27 | 7 31 | 7 34 | 7 38 | 7 42 | 7 45 | 7 49 | 7 54 | 7 58 | 9 | |
| | 24 | 7 18 | 7 22 | 7 25 | 7 28 | 7 32 | 7 35 | 7 39 | 7 42 | 7 46 | 7 50 | 7 55 | 7 59 | 6 | |
| | 27 | 7 19 | 7 22 | 7 25 | 7 29 | 7 32 | 7 35 | 7 39 | 7 43 | 7 47 | 7 51 | 7 56 | 8 0 | 3 | |
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| Polus. | | 50 | | 51 | | 52 | | 53 | | 54 | | 55 | | 56 | | 57 | | 58 | | 59 | | Polus. | |
| Gradus. | | H. | ′ | H. | ′ | H. | ′ | H. | ′ | H. | ′ | H. | ′ | H. | ′ | H. | ′ | H. | ′ | H. | ′ | Gradus. | |
| ♋ | ♈ | 6 | 0 | 6 | 0 | 6 | 0 | 6 | 0 | 6 | 0 | 6 | 0 | 6 | 0 | 6 | 0 | 6 | 0 | 6 | 0 | 30 | |
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| | 6 | 6 | 11 | 6 | 12 | 6 | 12 | 6 | 13 | 6 | 13 | 6 | 14 | 6 | 14 | 6 | 15 | 6 | 15 | 6 | 16 | 24 | |
| | 9 | 6 | 17 | 6 | 18 | 6 | 18 | 6 | 19 | 6 | 20 | 6 | 20 | 6 | 21 | 6 | 22 | 6 | 23 | 6 | 24 | 21 | |
| | 12 | 6 | 23 | 6 | 24 | 6 | 24 | 6 | 25 | 6 | 26 | 6 | 27 | 6 | 28 | 6 | 29 | 6 | 31 | 6 | 32 | 18 | |
| | 15 | 6 | 28 | 6 | 29 | 6 | 31 | 6 | 32 | 6 | 33 | 6 | 34 | 6 | 35 | 6 | 37 | 6 | 38 | 6 | 40 | 15 | |
| | 18 | 6 | 34 | 6 | 35 | 6 | 37 | 6 | 38 | 6 | 39 | 6 | 41 | 6 | 42 | 6 | 44 | 6 | 46 | 6 | 48 | 12 | |
| | 21 | 6 | 40 | 6 | 41 | 6 | 43 | 6 | 44 | 6 | 46 | 6 | 48 | 6 | 49 | 6 | 51 | 6 | 53 | 6 | 56 | 9 | |
| | 24 | 6 | 45 | 6 | 47 | 6 | 49 | 6 | 50 | 6 | 52 | 6 | 54 | 6 | 56 | 6 | 59 | 7 | 1 | 7 | 4 | 6 | |
| | 27 | 6 | 51 | 6 | 53 | 6 | 55 | 6 | 57 | 6 | 59 | 7 | 1 | 7 | 3 | 7 | 6 | 7 | 8 | 7 | 12 | 3 | |
| ♌ | ♉ | 6 | 56 | 6 | 58 | 7 | 0 | 7 | 3 | 7 | 5 | 7 | 8 | 7 | 10 | 7 | 13 | 7 | 16 | 7 | 19 | ♍ | ♐ |
| | 3 | 7 | 1 | 7 | 4 | 7 | 6 | 7 | 9 | 7 | 11 | 7 | 14 | 7 | 17 | 7 | 20 | 7 | 23 | 7 | 27 | 27 | |
| | 6 | 7 | 7 | 7 | 9 | 7 | 12 | 7 | 15 | 7 | 17 | 7 | 21 | 7 | 24 | 7 | 27 | 7 | 31 | 7 | 35 | 24 | |
| | 9 | 7 | 12 | 7 | 15 | 7 | 17 | 7 | 20 | 7 | 24 | 7 | 27 | 7 | 30 | 7 | 33 | 7 | 38 | 7 | 43 | 21 | |
| | 12 | 7 | 17 | 7 | 20 | 7 | 23 | 7 | 26 | 7 | 30 | 7 | 33 | 7 | 37 | 7 | 41 | 7 | 45 | 7 | 50 | 18 | |
| | 15 | 7 | 22 | 7 | 25 | 7 | 28 | 7 | 32 | 7 | 33 | 7 | 39 | 7 | 43 | 7 | 48 | 7 | 52 | 7 | 57 | 15 | |
| | 18 | 7 | 27 | 7 | 30 | 7 | 34 | 7 | 37 | 7 | 41 | 7 | 45 | 7 | 49 | 7 | 54 | 7 | 59 | 8 | 4 | 12 | |
| | 21 | 7 | 31 | 7 | 35 | 7 | 39 | 7 | 42 | 7 | 47 | 7 | 51 | 7 | 56 | 8 | 0 | 8 | 6 | 8 | 11 | 9 | |
| | 24 | 7 | 36 | 7 | 39 | 7 | 43 | 7 | 47 | 7 | 52 | 7 | 56 | 8 | 1 | 8 | 6 | 8 | 12 | 8 | 18 | 6 | |
| | 27 | 7 | 40 | 7 | 44 | 7 | 48 | 7 | 52 | 7 | 57 | 8 | 2 | 8 | 7 | 8 | 12 | 8 | 18 | 8 | 25 | 3 | |
| ♊ | ♊ | 7 | 44 | 7 | 48 | 7 | 52 | 7 | 57 | 8 | 2 | 8 | 7 | 8 | 12 | 8 | 18 | 8 | 24 | 8 | 31 | ♎ | ♋ |
| | 3 | 7 | 48 | 7 | 52 | 7 | 56 | 8 | 1 | 8 | 6 | 8 | 12 | 8 | 17 | 8 | 23 | 8 | 30 | 8 | 37 | 27 | |
| | 6 | 7 | 51 | 7 | 56 | 8 | 0 | 8 | 5 | 8 | 10 | 8 | 16 | 8 | 22 | 8 | 28 | 8 | 35 | 8 | 43 | 24 | |
| | 9 | 7 | 54 | 7 | 59 | 8 | 4 | 8 | 9 | 8 | 14 | 8 | 20 | 8 | 26 | 8 | 33 | 8 | 40 | 8 | 48 | 21 | |
| | 12 | 7 | 58 | 8 | 2 | 8 | 7 | 8 | 12 | 8 | 17 | 8 | 23 | 8 | 30 | 8 | 37 | 8 | 44 | 8 | 53 | 18 | |
| | 15 | 7 | 58 | 8 | 4 | 8 | 9 | 8 | 15 | 8 | 20 | 8 | 26 | 8 | 33 | 8 | 40 | 8 | 48 | 8 | 57 | 15 | |
| | 18 | 8 | 1 | 8 | 6 | 8 | 11 | 8 | 17 | 8 | 23 | 8 | 29 | 8 | 36 | 8 | 43 | 8 | 51 | 9 | 0 | 12 | |
| | 21 | 8 | 3 | 8 | 8 | 8 | 13 | 8 | 19 | 8 | 25 | 8 | 31 | 8 | 38 | 8 | 45 | 8 | 53 | 9 | 2 | 9 | |
| | 24 | 8 | 4 | 8 | 9 | 8 | 14 | 8 | 20 | 8 | 26 | 8 | 32 | 8 | 39 | 8 | 47 | 8 | 55 | 9 | 4 | 6 | |
| | 27 | 8 | 4 | 8 | 10 | 8 | 15 | 8 | 21 | 8 | 27 | 8 | 33 | 8 | 40 | 8 | 48 | 8 | 56 | 9 | 5 | 3 | |
| | 30 | 8 | 5 | 8 | 10 | 8 | 15 | 8 | 21 | 8 | 27 | 8 | 34 | 8 | 41 | 8 | 48 | 8 | 56 | 9 | 5 | ♑ | |

| Polus. | | 60 | | 61 | | 62 | | 63 | | 64 | | 65 | | 66 | | 66½ | | 67 | | 68 | | Polus. | |
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| Gradus. | | H. | ′ | H. | ′ | H. | ′ | H. | ′ | H. | ′ | H. | ′ | H. | ′ | H. | ′ | H. | ′ | H. | ′ | Gradus. | |
| ♋ | ♈ | 6 | 0 | 6 | 0 | 6 | 0 | 6 | 0 | 6 | 0 | 6 | 0 | 6 | 0 | 6 | 0 | 6 | 0 | 6 | 0 | 30 | |
| | 3 | 6 | 8 | 6 | 9 | 6 | 9 | 6 | 9 | 6 | 10 | 6 | 10 | 6 | 11 | 6 | 11 | 6 | 11 | 6 | 12 | 27 | |
| | 6 | 6 | 17 | 6 | 17 | 6 | 18 | 6 | 19 | 6 | 20 | 6 | 20 | 6 | 22 | 6 | 22 | 6 | 23 | 6 | 24 | 24 | |
| | 9 | 6 | 25 | 6 | 26 | 6 | 27 | 6 | 28 | 6 | 29 | 6 | 30 | 6 | 32 | 6 | 33 | 6 | 34 | 6 | 35 | 21 | |
| | 12 | 6 | 33 | 6 | 35 | 6 | 36 | 6 | 38 | 6 | 39 | 6 | 41 | 6 | 43 | 6 | 44 | 6 | 45 | 6 | 47 | 18 | |
| | 15 | 6 | 42 | 6 | 43 | 6 | 45 | 6 | 47 | 6 | 49 | 6 | 51 | 6 | 53 | 6 | 55 | 6 | 56 | 6 | 59 | 15 | |
| | 18 | 6 | 50 | 6 | 52 | 6 | 54 | 6 | 57 | 6 | 59 | 7 | 1 | 7 | 4 | 7 | 6 | 7 | 8 | 7 | 11 | 12 | |
| | 21 | 6 | 58 | 7 | 0 | 7 | 3 | 7 | 6 | 7 | 9 | 7 | 12 | 7 | 15 | 7 | 18 | 7 | 20 | 7 | 23 | 9 | |
| | 24 | 7 | 6 | 7 | 9 | 7 | 12 | 7 | 16 | 7 | 19 | 7 | 22 | 7 | 26 | 7 | 29 | 7 | 31 | 7 | 36 | 6 | |
| | 27 | 7 | 15 | 7 | 17 | 7 | 21 | 7 | 25 | 7 | 29 | 7 | 32 | 7 | 37 | 7 | 40 | 7 | 42 | 7 | 48 | 3 | |
| ♌ | ♉ | 7 | 23 | 7 | 26 | 7 | 30 | 7 | 34 | 7 | 38 | 7 | 43 | 7 | 48 | 7 | 51 | 7 | 54 | 8 | 1 | ♍ | ♐ |
| | 3 | 7 | 31 | 7 | 34 | 7 | 39 | 7 | 44 | 7 | 48 | 7 | 53 | 7 | 59 | 8 | 3 | 8 | 6 | 8 | 13 | 27 | |
| | 6 | 7 | 39 | 7 | 43 | 7 | 48 | 7 | 53 | 7 | 58 | 8 | 4 | 8 | 11 | 8 | 14 | 8 | 18 | 8 | 26 | 24 | |
| | 9 | 7 | 47 | 7 | 52 | 7 | 57 | 8 | 3 | 8 | 8 | 8 | 14 | 8 | 22 | 8 | 26 | 8 | 30 | 8 | 39 | 21 | |
| | 12 | 7 | 55 | 8 | 0 | 8 | 6 | 8 | 12 | 8 | 18 | 8 | 25 | 8 | 34 | 8 | 38 | 8 | 42 | 8 | 53 | 18 | |
| | 15 | 8 | 3 | 8 | 8 | 8 | 14 | 8 | 21 | 8 | 28 | 8 | 35 | 8 | 45 | 8 | 50 | 8 | 55 | 9 | 6 | 15 | |
| | 18 | 8 | 10 | 8 | 16 | 8 | 23 | 8 | 30 | 8 | 38 | 8 | 46 | 8 | 56 | 9 | 2 | 9 | 7 | 9 | 20 | 12 | |
| | 21 | 8 | 18 | 8 | 24 | 8 | 31 | 8 | 39 | 8 | 47 | 8 | 56 | 9 | 8 | 9 | 14 | 9 | 20 | 9 | 34 | 9 | |
| | 24 | 8 | 25 | 8 | 32 | 8 | 40 | 8 | 48 | 8 | 57 | 9 | 7 | 9 | 19 | 9 | 27 | 9 | 33 | 9 | 49 | 6 | |
| | 27 | 8 | 32 | 8 | 39 | 8 | 48 | 8 | 56 | 9 | 7 | 9 | 17 | 9 | 31 | 9 | 39 | 9 | 46 | 10 | 5 | 3 | |
| ♊ | ♊ | 8 | 38 | 8 | 47 | 8 | 55 | 9 | 5 | 9 | 16 | 9 | 28 | 9 | 42 | 9 | 52 | 10 | 0 | 10 | 22 | ♎ | ♋ |
| | 3 | 8 | 44 | 8 | 54 | 9 | 2 | 9 | 13 | 9 | 25 | 9 | 38 | 9 | 54 | 10 | 4 | 10 | 13 | 10 | 40 | 27 | |
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| | 12 | 9 | 1 | 9 | 12 | 9 | 21 | 9 | 34 | 9 | 48 | 10 | 6 | 10 | 27 | 10 | 42 | 10 | 59 | | | 18 | |
| | 15 | 9 | 5 | 9 | 16 | 9 | 26 | 9 | 40 | 9 | 55 | 10 | 14 | 10 | 37 | 10 | 55 | 11 | 16 | | | 15 | |
| | 18 | 9 | 9 | 9 | 20 | 9 | 31 | 9 | 45 | 10 | 1 | 10 | 21 | 10 | 46 | 11 | 8 | 11 | 41 | | | 12 | |
| | 21 | 9 | 12 | 9 | 23 | 9 | 35 | 9 | 49 | 10 | 5 | 10 | 27 | 10 | 55 | 11 | 21 | | | | | 9 | |
| | 24 | 9 | 14 | 9 | 25 | 9 | 37 | 9 | 52 | 10 | 9 | 10 | 31 | 11 | 3 | 11 | 34 | | | | | 6 | |
| | 27 | 9 | 15 | 9 | 26 | 9 | 39 | 9 | 54 | 10 | 11 | 10 | 34 | 11 | 7 | 11 | 47 | | | | | 3 | |
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*Poli Altitudines.*

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| Grad. | | H. | ′ | H. | ′ | H. | ′ | H. | ′ | H. | ′ | H. | ′ | H. | ′ | H. | ′ | H. | ′ | H. | ′ | H. | ′ | H. | ′ | Grad. | |
| ♑ | ♈ | 6 | 0 | 6 | 0 | 6 | 0 | 6 | 0 | 6 | 0 | 6 | 0 | 6 | 0 | 6 | 0 | 6 | 0 | 6 | 0 | 6 | 0 | 6 | 0 | 30 | |
| | 3 | 6 | 12 | 6 | 13 | 6 | 13 | 6 | 14 | 6 | 15 | 6 | 16 | 6 | 18 | 6 | 19 | 6 | 21 | 6 | 23 | 6 | 25 | 6 | 27 | 27 | |
| | 6 | 6 | 25 | 6 | 26 | 6 | 27 | 6 | 29 | 6 | 31 | 6 | 33 | 6 | 36 | 6 | 38 | 6 | 42 | 6 | 46 | 6 | 50 | 6 | 55 | 24 | |
| | 9 | 6 | 37 | 6 | 39 | 6 | 41 | 6 | 44 | 6 | 47 | 6 | 50 | 6 | 54 | 6 | 58 | 7 | 3 | 7 | 9 | 7 | 15 | 7 | 23 | 21 | |
| | 12 | 6 | 50 | 6 | 53 | 6 | 56 | 7 | 0 | 7 | 3 | 7 | 7 | 7 | 12 | 7 | 18 | 7 | 24 | 7 | 32 | 7 | 41 | 7 | 52 | 18 | |
| | 15 | 7 | 2 | 7 | 6 | 7 | 10 | 7 | 16 | 7 | 20 | 7 | 24 | 7 | 31 | 7 | 38 | 7 | 46 | 7 | 57 | 8 | 9 | 8 | 24 | 15 | |
| | 18 | 7 | 15 | 7 | 20 | 7 | 25 | 7 | 31 | 7 | 36 | 7 | 42 | 7 | 50 | 7 | 59 | 8 | 10 | 8 | 23 | 8 | 39 | 9 | 0 | 12 | |
| | 21 | 7 | 28 | 7 | 33 | 7 | 40 | 7 | 46 | 7 | 52 | 8 | 1 | 8 | 10 | 8 | 21 | 8 | 35 | 8 | 51 | 9 | 11 | 9 | 40 | 9 | |
| | 24 | 7 | 41 | 7 | 47 | 7 | 55 | 8 | 2 | 8 | 9 | 8 | 20 | 8 | 31 | 8 | 44 | 9 | 1 | 9 | 22 | 9 | 50 | 10 | 32 | 6 | |
| | 27 | 7 | 55 | 8 | 2 | 8 | 10 | 8 | 18 | 8 | 27 | 8 | 40 | 8 | 53 | 9 | 9 | 9 | 31 | 10 | 4 | 10 | 46 | | | 3 | |
| ♋ | ♉ | 8 | 8 | 8 | 16 | 8 | 25 | 8 | 35 | 8 | 46 | 9 | 0 | 9 | 17 | 9 | 38 | 10 | 6 | 10 | 52 | | | | | ♍ | ☓ |
| | 3 | 8 | 22 | 8 | 31 | 8 | 40 | 8 | 52 | 9 | 6 | 9 | 23 | 9 | 44 | 10 | 12 | 10 | 57 | | | | | | | 27 | |
| | 6 | 8 | 35 | 8 | 46 | 8 | 56 | 9 | 10 | 9 | 28 | 9 | 48 | 10 | 16 | 11 | 0 | | | | | | | | | 24 | |
| | 9 | 8 | 49 | 9 | 2 | 9 | 14 | 9 | 31 | 9 | 51 | 10 | 18 | 11 | 0 | | | | | | | | | | | 21 | |
| | 12 | 9 | 4 | 9 | 18 | 9 | 33 | 9 | 53 | 10 | 19 | 10 | 59 | | | | | | | | | | | | | 18 | |
| | 15 | 9 | 20 | 9 | 35 | 9 | 54 | 10 | 18 | 10 | 55 | | | | | | | | | | | | | | | 15 | |
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| | 24 | 10 | 10 | 10 | 37 | 11 | 35 | | | | | | | | | | | | | | | | | | | 6 | |
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*Poli Altitudines.*

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| Grad. | | H. | ′ | H. | ′ | H. | ′ | H. | ′ | H. | ′ | H. | ′ | H. | ′ | H. | ′ | 90 | Grad. | |
| ♑ | ♈ | 6 | 0 | 6 | 0 | 6 | 0 | 6 | 0 | 6 | 0 | 6 | 0 | 6 | 0 | 6 | 0 | | 30 | |
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| | 6 | 7 | 1 | 7 | 9 | 7 | 35 | 7 | 54 | 8 | 26 | 9 | 31 | | | | | | 24 | |
| | 9 | 7 | 33 | 7 | 46 | 8 | 26 | 9 | 2 | 10 | 13 | | | | | | | | 21 | |
| | 12 | 8 | 6 | 8 | 25 | 9 | 29 | 10 | 48 | | | | | | | | | | 18 | |
| | 15 | 8 | 44 | 9 | 10 | 11 | 22 | | | | | | | | | | | | 15 | |
| | 18 | 9 | 26 | 10 | 8 | | | | | | | | | | | | | | 12 | |
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| | 24 | | | | | | | | | | | | | | | | | | 6 | |
| ♋ | ♉ | | | | | | | | | | | | | | | | | | ♍ | ☓ |

*Appendix TAB. 11. pro Maxima Die, vbi Polus eleuatur plus Gradibus 66 ½. ex Sphæra Clauij cap. 4. non considerantis Refractiones, pro quibus vide nostram Geographiam Reformatam.*

| Eleuatio Poli. | Arcus semper apparens. | | Dies continuus. | | | Eleuatio Poli. | Arcus semper apparens. | | Dies continuus. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gr. | Gr. | M. | D. | H. | M. | Gr. | Gr. | M. | D. | H. | M. |
| 67 | 22 | 52 | 22 | 1 | 40 | 79 | 122 | 46 | 127 | 9 | 55 |
| 68 | 40 | 0 | 52 | 1 | 16 | 80 | 128 | 22 | 134 | 4 | 58 |
| 69 | 52 | 0 | 54 | 16 | 25 | 81 | 133 | 50 | 139 | 31 | 36 |
| 70 | 61 | 26 | 64 | 13 | 46 | 82 | 139 | 6 | 145 | 6 | 43 |
| 71 | 70 | 26 | 74 | 0 | 0 | 83 | 144 | 22 | 151 | 2 | 6 |
| 72 | 78 | 22 | 82 | 6 | 39 | 84 | 149 | 36 | 156 | 3 | 3 |
| 73 | 84 | 56 | 89 | 4 | 58 | 85 | 154 | 42 | 161 | 5 | 23 |
| 74 | 92 | 12 | 90 | 7 | 0 | 86 | 159 | 50 | 166 | 11 | 23 |
| 75 | 96 | 20 | 104 | 1 | 4 | 87 | 164 | 52 | 171 | 21 | 47 |
| 76 | 105 | 16 | 110 | 7 | 27 | 88 | 169 | 58 | 176 | 5 | 29 |
| 77 | 114 | 20 | 116 | 14 | 22 | 89 | 174 | 58 | 181 | 21 | 58 |
| 78 | 117 | 6 | 122 | 17 | 6 | 90 | 180 | 10 | 187 | 6 | 39 |



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*TAB. 12. Aequat. Temporis in ☉ Tych. ad mentem; sed posita Obl. Ecl. gr. 23. 30'. 20''.*
Subtr. Appar. Adde Æqu. temp.

| | ♈ & ♎ | | | ♉ & ♏ | | | ♊ & ♐ | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Gr. | I | II | III | I | II | III | I | II | III | Gr. |
| 0 | 0 | 0 | 0 | 8 | 23 | 8 | 8 | 45 | 29 | 30 |
| 1 | 0 | 19 | 52 | 8 | 33 | 31 | 8 | 45 | 10 | 29 |
| 2 | 0 | 39 | 41 | 8 | 39 | 29 | 8 | 24 | 24 | 28 |
| 3 | 0 | 59 | 30 | 8 | 52 | 44 | 8 | 12 | 50 | 27 |
| 4 | 1 | 19 | 11 | 9 | 1 | 30 | 8 | 0 | 24 | 26 |
| 5 | 1 | 38 | 51 | 9 | 9 | 29 | 7 | 47 | 7 | 25 |
| 6 | 1 | 58 | 24 | 9 | 16 | 48 | 7 | 33 | 37 | 24 |
| 7 | 2 | 17 | 50 | 9 | 23 | 34 | 7 | 19 | 36 | 23 |
| 8 | 2 | 37 | 7 | 9 | 29 | 46 | 7 | 4 | 54 | 22 |
| 9 | 2 | 56 | 12 | 9 | 34 | 20 | 6 | 49 | 41 | 21 |
| 10 | 2 | 15 | 4 | 9 | 39 | 40 | 6 | 33 | 58 | 20 |
| 11 | 3 | 33 | 42 | 9 | 44 | 3 | 6 | 17 | 34 | 19 |
| 12 | 3 | 52 | 10 | 9 | 47 | 22 | 6 | 0 | 56 | 18 |
| 13 | 4 | 10 | 2 | 9 | 51 | 22 | 5 | 43 | 51 | 17 |
| 14 | 4 | 27 | 55 | 9 | 52 | 54 | 5 | 25 | 30 | 16 |
| 15 | 4 | 46 | 44 | 9 | 53 | 10 | 5 | 7 | 53 | 15 |
| 16 | 5 | 2 | 53 | 9 | 55 | 45 | 4 | 49 | 16 | 14 |
| 17 | 5 | 19 | 59 | 9 | 53 | 42 | 4 | 30 | 18 | 13 |
| 18 | 5 | 36 | 40 | 9 | 52 | 50 | 4 | 10 | 54 | 12 |
| 19 | 5 | 53 | 2 | 9 | 50 | 29 | 3 | 51 | 18 | 11 |
| 20 | 6 | 8 | 43 | 9 | 48 | 46 | 3 | 31 | 17 | 10 |
| 21 | 6 | 23 | 37 | 9 | 45 | 27 | 3 | 11 | 9 | 9 |
| 22 | 6 | 39 | 22 | 9 | 41 | 59 | 2 | 50 | 33 | 8 |
| 23 | 6 | 53 | 59 | 9 | 37 | 20 | 2 | 29 | 48 | 7 |
| 24 | 7 | 8 | 2 | 9 | 32 | 9 | 2 | 8 | 23 | 6 |
| 25 | 7 | 21 | 43 | 9 | 26 | 1 | 1 | 47 | 14 | 5 |
| 26 | 7 | 29 | 6 | 9 | 23 | 22 | 1 | 26 | 18 | 4 |
| 27 | 7 | 51 | 38 | 9 | 11 | 52 | 1 | 4 | 54 | 3 |
| 28 | 8 | 0 | 28 | 9 | 2 | 50 | 0 | 43 | 12 | 2 |
| 29 | 8 | 12 | 2 | 8 | 54 | 51 | 0 | 21 | 41 | 1 |
| 30 | 8 | 23 | 8 | 8 | 45 | 29 | 0 | 0 | 0 | 0 |
| Gr. | ♐ & ♑ | | | ♒ & ♌ | | | ♍ & ♋ | | | Gr. |

Adde Apparenti Subtrahe Æquali.

*Residuum TAB. 12.*

| Anomaliæ. | Anomal. Solis Coæqu. Signa. O. Subtr. VI. Adde. | | I. Subtr. VII. Add | | II. Subtr. VIII. Ad. | | Anomaliæ. |
|---|---|---|---|---|---|---|---|
| Gr. | I | II | I | II | I | II | Gr. |
| 0 | 0 | 0 | 2 | 3 | 3 | 32 | 30 |
| 1 | 0 | 4 | 2 | 7 | 3 | 34 | 29 |
| 2 | 0 | 8 | 2 | 10 | 3 | 36 | 28 |
| 3 | 0 | 13 | 2 | 14 | 3 | 38 | 27 |
| 4 | 0 | 17 | 2 | 17 | 3 | 40 | 26 |
| 5 | 0 | 21 | 2 | 21 | 3 | 42 | 25 |
| 6 | 0 | 26 | 2 | 24 | 3 | 44 | 24 |
| 7 | 0 | 30 | 2 | 28 | 3 | 46 | 23 |
| 8 | 0 | 34 | 2 | 31 | 3 | 47 | 22 |
| 9 | 0 | 38 | 2 | 34 | 3 | 49 | 21 |
| 10 | 0 | 42 | 2 | 37 | 3 | 50 | 20 |
| 11 | 0 | 46 | 2 | 41 | 3 | 52 | 19 |
| 12 | 0 | 50 | 2 | 44 | 3 | 53 | 18 |
| 13 | 0 | 55 | 2 | 47 | 3 | 54 | 17 |
| 14 | 0 | 59 | 2 | 50 | 3 | 56 | 16 |
| 15 | 1 | 3 | 2 | 53 | 3 | 57 | 15 |
| 16 | 1 | 7 | 2 | 56 | 3 | 58 | 14 |
| 17 | 1 | 11 | 2 | 59 | 3 | 59 | 13 |
| 18 | 1 | 15 | 3 | 2 | 4 | 0 | 12 |
| 19 | 1 | 19 | 3 | 5 | 4 | 1 | 11 |
| 20 | 1 | 24 | 3 | 8 | 4 | 2 | 10 |
| 21 | 1 | 28 | 3 | 10 | 4 | 2 | 9 |
| 22 | 1 | 32 | 3 | 13 | 4 | 3 | 8 |
| 23 | 1 | 36 | 3 | 16 | 4 | 3 | 7 |
| 24 | 1 | 40 | 3 | 18 | 4 | 4 | 6 |
| 25 | 1 | 44 | 3 | 21 | 4 | 4 | 5 |
| 26 | 1 | 47 | 3 | 23 | 4 | 4 | 4 |
| 27 | 1 | 51 | 3 | 26 | 4 | 5 | 3 |
| 28 | 1 | 55 | 3 | 28 | 4 | 5 | 2 |
| 29 | 1 | 59 | 3 | 30 | 4 | 5 | 1 |
| 30 | 2 | 3 | 3 | 32 | 4 | 5 | 0 |
| | V. Subtr. XI. Adde | | IV Subtr. X. Adde. | | III. Subtr. IX. Add. | | |

Anomal. Solis Coæqu. Signa

*13. TAB. Temporaria Aequationis Dierum Ciuilium, seu Naturalium, conflata ex duabus precedentibus, & seruiens Anno Christi 1504. pro conuers. Temporis Apparentis in Aequale.*

| Loci ☉ | ♈ Adde. | | ♉ Subtr. | | ♊ Subtr. | | ♋ Adde. | | ♌ Adde. | | ♍ Adde. | | ♎ Subtr. | | ♏ Subtr. | | ♐ Subtr. | | ♑ Subtr. | | ♒ Adde. | | ♓ Adde. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Gr. | I | II | I | II | I | II | I | II | I | II | I | II | I | II | I | II | I | II | I | II | I | II | I | II |
| 0 | 4 | 4 | 4 | 41 | 6 | 23 | 0 | 26 | 7 | 7 | 5 | 7 | 4 | 4 | 12 | 9 | 11 | 11 | 0 | 26 | 10 | 27 | 11 | 43 |
| 1 | 3 | 44 | 4 | 54 | 6 | 16 | 0 | 43 | 7 | 13 | 4 | 53 | 4 | 24 | 12 | 18 | 10 | 58 | 0 | A. 0 | 10 | 41 | 11 | 35 |
| 2 | 3 | 24 | 5 | 5 | 6 | 9 | 1 | 0 | 7 | 19 | 4 | 39 | 4 | 44 | 12 | 25 | 10 | 43 | 0 | 26 | 10 | 53 | 11 | 25 |
| 3 | 3 | 6 | 5 | 17 | 6 | 1 | 1 | 18 | 7 | 23 | 4 | 24 | 5 | 4 | 12 | 33 | 10 | 29 | 0 | 52 | 11 | 5 | 11 | 16 |
| 4 | 2 | 46 | 5 | 28 | 5 | 53 | 1 | 35 | 7 | 26 | 4 | 9 | 5 | 24 | 12 | 40 | 10 | 13 | 1 | 19 | 11 | 17 | 11 | 5 |
| 5 | 2 | 26 | 5 | 38 | 5 | 43 | 1 | 52 | 7 | 29 | 3 | 54 | 5 | 44 | 12 | 46 | 9 | 57 | 1 | 44 | 11 | 27 | 10 | 54 |
| 6 | 2 | 6 | 5 | 47 | 5 | 33 | 2 | 9 | 7 | 31 | 3 | 38 | 6 | 4 | 12 | 51 | 9 | 39 | 2 | 9 | 11 | 37 | 10 | 42 |
| 7 | 1 | 47 | 5 | 56 | 5 | 23 | 2 | 27 | 7 | 33 | 3 | 22 | 6 | 23 | 12 | 56 | 9 | 21 | 2 | 35 | 11 | 47 | 10 | 30 |
| 8 | 1 | 27 | 6 | 4 | 5 | 12 | 2 | 43 | 7 | 34 | 3 | 5 | 6 | 43 | 13 | 0 | 9 | 2 | 2 | 59 | 11 | 54 | 10 | 17 |
| 9 | 1 | 8 | 6 | 11 | 5 | 1 | 2 | 59 | 7 | 34 | 2 | 47 | 7 | 2 | 13 | 3 | 8 | 43 | 3 | 25 | 12 | 2 | 10 | 4 |
| 10 | 0 | 48 | 6 | 11 | 4 | 49 | 3 | 16 | 7 | 33 | 2 | 31 | 7 | 20 | 13 | 5 | 8 | 23 | 3 | 50 | 12 | 8 | 9 | 51 |
| 11 | 0 | 29 | 6 | 25 | 4 | 36 | 3 | 32 | 7 | 32 | 2 | 13 | 7 | 39 | 13 | 7 | 8 | 4 | 4 | 14 | 12 | 14 | 9 | 37 |
| 12 | 0 | 10 | 6 | 31 | 4 | 23 | 3 | 47 | 7 | 31 | 1 | 54 | 7 | 58 | 13 | 8 | 7 | 43 | 4 | 38 | 12 | 19 | 9 | 22 |
| 13 | 0 | S. 9 | 6 | 36 | 4 | 19 | 4 | 2 | 7 | 28 | 1 | 36 | 8 | 15 | 10 | 8 | 7 | 22 | 5 | 2 | 12 | 24 | 9 | 8 |
| 14 | 0 | 27 | 6 | 41 | 3 | 56 | 4 | 17 | 7 | 25 | 1 | 18 | 8 | 33 | 13 | 7 | 7 | 0 | 5 | 25 | 12 | 27 | 8 | 52 |
| 15 | 0 | 45 | 6 | 46 | 3 | 42 | 4 | 32 | 7 | 22 | 0 | 59 | 8 | 49 | 13 | 6 | 6 | 38 | 5 | 48 | 12 | 30 | 8 | 34 |
| 16 | 1 | 3 | 6 | 48 | 3 | 27 | 4 | 46 | 7 | 17 | 0 | 40 | 9 | 7 | 13 | 4 | 6 | 15 | 6 | 10 | 12 | 32 | 8 | 20 |
| 17 | 1 | 21 | 6 | 51 | 3 | 13 | 5 | 0 | 7 | 11 | 0 | 20 | 9 | 23 | 13 | 1 | 5 | 51 | 6 | 32 | 12 | 33 | 8 | 4 |
| 18 | 1 | 38 | 6 | 53 | 2 | 57 | 5 | 13 | 7 | 6 | 0 | 1 | 9 | 38 | 12 | 57 | 5 | 27 | 6 | 53 | 12 | 34 | 7 | 47 |
| 19 | 1 | 56 | 6 | 54 | 2 | 42 | 5 | 25 | 6 | 59 | 0 | S. 19 | 9 | 54 | 12 | 52 | 5 | 4 | 7 | 15 | 12 | 33 | 7 | 29 |
| 20 | 2 | 13 | 6 | 55 | 2 | 26 | 5 | 37 | 6 | 52 | 0 | 40 | 10 | 9 | 12 | 47 | 4 | 40 | 7 | 35 | 12 | 32 | 7 | 52 |
| 21 | 2 | 29 | 6 | 55 | 2 | 9 | 5 | 49 | 6 | 44 | 1 | 0 | 10 | 23 | 12 | 41 | 4 | 15 | 7 | 55 | 12 | 30 | 6 | 54 |
| 22 | 2 | 45 | 6 | 54 | 1 | 52 | 6 | 0 | 6 | 36 | 1 | 20 | 10 | 37 | 12 | 34 | 3 | 50 | 8 | 14 | 12 | 28 | 6 | 36 |
| 23 | 3 | 2 | 6 | 53 | 1 | 36 | 6 | 11 | 6 | 27 | 1 | 41 | 10 | 50 | 12 | 27 | 3 | 26 | 8 | 33 | 12 | 25 | 6 | 17 |
| 24 | 3 | 17 | 6 | 50 | 1 | 19 | 6 | 21 | 6 | 47 | 2 | 1 | 11 | 3 | 12 | 18 | 2 | 59 | 8 | 51 | 12 | 22 | 5 | 59 |
| 25 | 3 | 32 | 6 | 47 | 1 | 2 | 6 | 31 | 6 | 6 | 2 | 22 | 11 | 16 | 12 | 9 | 2 | 34 | 9 | 9 | 12 | 17 | 5 | 40 |
| 26 | 3 | 47 | 6 | 44 | 0 | 45 | 6 | 39 | 5 | 55 | 2 | 43 | 11 | 27 | 11 | 58 | 2 | 9 | 9 | 27 | 12 | 12 | 5 | 21 |
| 27 | 4 | 1 | 6 | 40 | 0 | 27 | 6 | 47 | 5 | 44 | 3 | 3 | 11 | 38 | 11 | 48 | 1 | 43 | 9 | 43 | 12 | 5 | 5 | 2 |
| 28 | 4 | 15 | 6 | 35 | 0 | 9 | 6 | 54 | 5 | 32 | 3 | 23 | 11 | 49 | 11 | 37 | 1 | 17 | 9 | 58 | 11 | 58 | 4 | 43 |
| 29 | 4 | 28 | 6 | 29 | 0 | A. 8 | 7 | 1 | 5 | 20 | 3 | 43 | 11 | 59 | 11 | 25 | 0 | 52 | 10 | 13 | 11 | 52 | 4 | 23 |
| 30 | 4 | 41 | 6 | 23 | 0 | 26 | 7 | 7 | 5 | 7 | 4 | 4 | 12 | 9 | 11 | 11 | 0 | 26 | 10 | 27 | 11 | 43 | 4 | 4 |

*Altera TAB. Temporaria Aequationes Dierum Ciuilium, & seruiens exactè Anno Christi 1736. pro Conu. App. in Aeq.*

| Loci ☉ | ♈ Adde. | | ♉ Subtr. | | ♊ Subtr. | | ♋ Adde. | | ♌ Adde. | | ♍ Adde. | | ♎ Subtr. | | ♏ Subtr. | | ♐ Subtr. | | ♑ Subtr. | | ♒ Adde. | | ♓ Adde. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Gr. | I | II | I | II | I | II | I | II | I | II | I | II | I | II | I | II | I | II | I | II | I | II | I | II |
| 0 | 4 | 2 | 4 | 31 | 6 | 4 | 0 | 46 | 7 | 24 | 5 | 15 | 4 | 2 | 12 | 13 | 11 | 22 | 0 | 42 | 10 | 9 | 11 | 31 |
| 1 | 3 | 40 | 4 | 43 | 5 | 58 | 1 | 4 | 7 | 27 | 5 | 2 | 4 | 22 | 12 | 23 | 11 | 9 | 0 | 16 | 10 | 23 | 11 | 23 |
| 2 | 3 | 23 | 4 | 51 | 5 | 50 | 1 | 21 | 7 | 32 | 4 | 47 | 4 | 43 | 12 | 29 | 10 | 59 | 0 | A. 9 | 10 | 36 | 11 | 13 |
| 3 | 3 | 3 | 5 | 6 | 5 | 42 | 1 | 39 | 7 | 36 | 4 | 36 | 5 | 3 | 12 | 39 | 10 | 41 | 0 | 35 | 10 | 48 | 11 | 8 |
| 4 | 2 | 44 | 5 | 16 | 5 | 32 | 1 | 56 | 7 | 43 | 4 | 11 | 5 | 23 | 12 | 46 | 10 | 24 | 1 | 0 | 11 | 3 | 10 | 46 |
| 5 | 2 | 25 | 5 | 25 | 5 | 23 | 2 | 13 | 7 | 44 | 4 | 1 | 5 | 53 | 12 | 51 | 10 | 8 | 1 | 24 | 11 | 10 | 10 | 43 |
| 6 | 2 | 6 | 5 | 35 | 5 | 13 | 2 | 29 | 7 | 45 | 3 | 45 | 6 | 2 | 12 | 57 | 9 | 51 | 1 | 51 | 11 | 19 | 10 | 31 |
| 7 | 1 | 46 | 5 | 44 | 5 | 3 | 2 | 47 | 7 | 46 | 3 | 28 | 6 | 23 | 13 | 2 | 9 | 34 | 2 | 17 | 11 | 28 | 10 | 20 |
| 8 | 1 | 28 | 5 | 52 | 4 | 55 | 3 | 4 | 7 | 47 | 3 | 11 | 6 | 42 | 13 | 6 | 9 | 15 | 2 | 43 | 11 | 37 | 9 | 57 |
| 9 | 1 | 9 | 5 | 58 | 4 | 40 | 3 | 19 | 7 | 46 | 2 | 54 | 7 | 1 | 13 | 8 | 8 | 57 | 3 | 7 | 11 | 44 | 9 | 54 |
| 10 | 0 | 50 | 6 | 6 | 4 | 27 | 3 | 35 | 7 | 46 | 2 | 37 | 7 | 20 | 13 | 12 | 8 | 37 | 3 | 31 | 11 | 52 | 9 | 41 |
| 11 | 0 | 31 | 6 | 12 | 4 | 15 | 3 | 51 | 7 | 43 | 2 | 19 | 7 | 42 | 13 | 14 | 8 | 17 | 3 | 54 | 11 | 57 | 9 | 27 |
| 12 | 0 | 13 | 6 | 17 | 4 | 2 | 4 | 7 | 7 | 42 | 2 | 1 | 7 | 57 | 13 | 15 | 7 | 56 | 4 | 19 | 12 | 3 | 9 | 13 |
| 13 | 0 | S. 5 | 6 | 23 | 3 | 49 | 4 | 22 | 7 | 40 | 1 | 42 | 8 | 15 | 13 | 16 | 7 | 35 | 4 | 43 | 12 | 8 | 8 | 58 |
| 14 | 0 | 23 | 6 | 27 | 3 | 35 | 4 | 36 | 7 | 39 | 1 | 23 | 8 | 32 | 13 | 16 | 7 | 13 | 5 | 6 | 12 | 13 | 8 | 43 |
| 15 | 0 | 43 | 6 | 30 | 3 | 21 | 4 | 51 | 7 | 34 | 1 | 5 | 8 | 49 | 13 | 15 | 6 | 52 | 5 | 29 | 12 | 14 | 8 | 29 |
| 16 | 0 | 59 | 6 | 35 | 3 | 5 | 5 | 5 | 7 | 28 | 0 | 44 | 9 | 7 | 13 | 14 | 6 | 29 | 5 | 52 | 12 | 17 | 8 | 12 |
| 17 | 1 | 16 | 6 | 36 | 2 | 50 | 5 | 18 | 7 | 23 | 0 | 24 | 9 | 23 | 13 | 10 | 6 | 6 | 6 | 14 | 12 | 19 | 7 | 56 |
| 18 | 1 | 34 | 6 | 37 | 2 | 35 | 5 | 31 | 7 | 16 | 0 | 5 | 9 | 40 | 13 | 6 | 5 | 43 | 6 | 35 | 12 | 18 | 7 | 39 |
| 19 | 1 | 50 | 6 | 37 | 2 | 19 | 5 | 44 | 7 | 10 | 0 | S. 15 | 9 | 55 | 13 | 0 | 5 | 19 | 6 | 56 | 12 | 18 | 7 | 23 |
| 20 | 2 | 7 | 6 | 39 | 2 | 3 | 5 | 56 | 7 | 3 | 0 | 35 | 10 | 11 | 12 | 57 | 4 | 55 | 7 | 16 | 12 | 17 | 7 | 5 |
| 21 | 2 | 20 | 6 | 37 | 1 | 47 | 6 | 19 | 6 | 53 | 0 | 56 | 10 | 25 | 12 | 50 | 4 | 30 | 7 | 36 | 12 | 15 | 6 | 48 |
| 22 | 2 | 38 | 6 | 37 | 1 | 32 | 6 | 30 | 6 | 46 | 1 | 16 | 10 | 39 | 12 | 44 | 4 | 6 | 7 | 55 | 12 | 14 | 6 | 30 |
| 23 | 2 | 54 | 6 | 35 | 1 | 15 | 6 | 39 | 6 | 37 | 1 | 36 | 10 | 53 | 12 | 36 | 3 | 41 | 8 | 15 | 12 | 11 | 6 | 12 |
| 24 | 3 | 9 | 6 | 33 | 0 | 57 | 6 | 48 | 6 | 27 | 1 | 58 | 11 | 6 | 12 | 28 | 3 | 15 | 8 | 33 | 12 | 7 | 5 | 54 |
| 25 | 3 | 24 | 6 | 30 | 0 | 40 | 6 | 57 | 6 | 16 | 2 | 18 | 11 | 19 | 12 | 19 | 2 | 50 | 8 | 50 | 12 | 2 | 5 | 36 |
| 26 | 3 | 32 | 6 | 30 | 0 | 23 | 7 | 6 | 6 | 6 | 2 | 39 | 11 | 35 | 12 | 13 | 2 | 25 | 9 | 7 | 11 | 58 | 5 | 17 |
| 27 | 3 | 56 | 6 | 22 | 0 | 6 | 7 | 19 | 5 | 54 | 2 | 59 | 11 | 46 | 11 | 59 | 2 | 0 | 9 | 24 | 11 | 52 | 4 | 59 |
| 28 | 4 | 6 | 6 | 17 | 0 | A. 12 | 7 | 20 | 5 | 37 | 3 | 20 | 11 | 53 | 11 | 48 | 1 | 33 | 9 | 39 | 11 | 42 | 4 | 40 |
| 29 | 4 | 19 | 6 | 11 | 0 | 28 | 7 | 22 | 5 | 29 | 3 | 41 | 12 | 4 | 11 | 36 | 1 | 8 | 9 | 54 | 11 | 39 | 4 | 21 |
| 30 | 4 | 31 | 6 | 4 | 0 | 46 | 7 | 24 | 5 | 15 | 4 | 2 | 12 | 13 | 11 | 22 | 0 | 8 | 10 | 9 | 11 | 31 | 4 | 2 |

Si Æquale vertendum sit in Apparens, Fac contrarium Titulis.



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## TAB. 14. CATALOGVS LOCORVM INSIGNIORVM.

*Cum Differentia Temporis* Addenda, *aut* Subtrahenda *Tempori Meridiani Bononiensis Italici, & Altitudine Poli Borealis, vbi non additur A. sumptus ex Lib. 9. Nostra Geographia Reformata, in quo habetur multo amplior.*

| Nomina Locorum. | Differentia Temporis. H. | ′ | ″ | | Altitudo Poli. G. | ′ | ″ |
|---|---|---|---|---|---|---|---|
| Abbauilla Picardię. *Abbeuille* | 0 | 41 | 27 | sub. | 50 | 0 | 0 |
| Aberdona Scotiæ | 0 | 55 | 28 | sub. | 57 | 7 | 0 |
| Alba Græca Hungariæ. *Belgrado* | 0 | 42 | 0 | ad. | 46 | 28 | 0 |
| Alba Iulia Transiluani. *Vueissemburg* | 0 | 48 | 16 | ad. | 48 | 10 | 0 |
| Alba Regalis Hungarię. *Alba regal* | 0 | 30 | 40 | ad. | 47 | 5 | 0 |
| Agra Mogoris | 4 | 46 | 0 | ad. | 26 | . | 50 |
| Alcmaria Hollandiæ | 0 | 26 | 36 | sub. | 52 | 4 | 39 |
| Alepus Syriæ | 2 | 10 | 20 | ad. | 36 | 46 | 0 |
| Alexandriæ Ægypti | 1 | 32 | 40 | A. | 30 | 58 | 0 |
| Alexandria Liguriæ | 0 | 11 | 34 | sub. | 44 | 44 | 0 |
| Algerium Africæ | 0 | 37 | 20 | sub. | 35 | 13 | 0 |
| Amāguccium Iapponis | 7 | 50 | 22 | ad. | 34 | 5 | 0 |
| Amara Æthiopiæ | 1 | 46 | 0 | ad. | 0 | 30 | 0 |
| Ambacia. *Amboise* | 0 | 45 | 0 | sub. | 47 | 39 | 0 |
| Amberga Bauariæ | 0 | 2 | 24 | sub. | 49 | 29 | 0 |
| Ambianum Amiens | 0 | 40 | 8 | sub. | 49 | 51 | 0 |
| Amsterodamum Holland. | 0 | 26 | 20 | sub. | 52 | 21 | 30 |
| Ancona Italiæ | 0 | 9 | 44 | ad. | 43 | 54 | 0 |
| Andegaui. *Angiers* | 0 | 51 | 16 | sub. | 48 | 15 | 0 |
| Angelopolis nouæ Hispan. | 7 | 44 | 0 | sub. | 19 | 38 | 0 |
| Angola Africæ | 0 | 16 | 0 | ad. | 9 | 30 | A. |
| Angra Tertiariæ Insul. | 2 | 45 | 28 | sub. | 38 | 50 | 0 |
| Antiochia Syriæ | 2 | 0 | 0 | ad. | 36 | 11 | 0 |
| Antiochia ad Taurum | 2 | 9 | 0 | ad. | 35 | 30 | 0 |
| Antuerpia Brabantiæ | 0 | 24 | 40 | sub. | 51 | 12 | 0 |
| Aquapulchum Mexici. *Aquapulcho* | 7 | 22 | 28 | sub. | 15 | 30 | 0 |
| Aquila Samnitum | 0 | 10 | 52 | ad. | 42 | 42 | 0 |
| Aquæ Sextiæ. *Aix* | 0 | 26 | 0 | sub. | 43 | 33 | 0 |
| Aquisgranum. *Aken* | 0 | 21 | 0 | sub. | 50 | 46 | 0 |
| Aracta Syriæ | 2 | 12 | 0 | ad. | 36 | 0 | 0 |
| Arbela Assyriæ. *Erbel* | 2 | 32 | 48 | ad. | 35 | 0 | 0 |
| Argentina. *Straesburg* | 0 | 16 | 4 | sub. | 48 | 31 | 0 |
| Argentomagum. *Argenton* | 0 | 41 | 12 | sub. | 46 | 54 | 0 |
| Arelatum. *Arles* | 0 | 29 | 20 | sub. | 43 | 36 | 0 |
| Ariminū Cisalpinæ. *Rimini* | 0 | 4 | 56 | ad. | 44 | 14 | 0 |
| Armutia. *Ormuz* | 3 | 20 | 0 | ad. | 27 | 35 | 0 |
| Astracanum | 3 | 10 | 0 | ad. | 49 | 30 | 0 |
| Athenæ Græciæ. *Sethines* | 0 | 55 | 0 | ad. | 37 | 40 | 0 |
| Atrebatum. *Arras* | 0 | 38 | 24 | sub. | 50 | 9 | 0 |
| Auenio. *Auignon* | 0 | 29 | 12 | sub. | 43 | 52 | 0 |
| Augusta Vindelicorum. *Augspurg* | 0 | 2 | 30 | sub. | 48 | 24 | 0 |
| Aurelianum. *Orleans* | 0 | 43 | 16 | sub. | 47 | 55 | 0 |
| Aurantia. *Oranges* | 0 | 29 | 0 | sub. | 44 | 6 | 0 |
| Babylon vetus. *Baldac* | 2 | 27 | 0 | ad. | 34 | 30 | 0 |
| Babylon noua. *Bagded* | 2 | 26 | 0 | ad. | 33 | 25 | 0 |
| Baiona Cantabriæ | 1 | 27 | 40 | sub. | 42 | 8 | 0 |
| Bamberga Franconiæ | 0 | 2 | 44 | sub. | 49 | 56 | 0 |
| Barcino. *Barcellona* | 0 | 39 | 20 | sub. | 41 | 26 | 0 |
| Barium Apuliæ. *Bari* | 0 | 25 | 24 | ad. | 41 | 13 | 0 |
| Basilea Heluetiæ. *Basel* | 0 | 16 | 40 | sub. | 47 | 52 | 0 |
| Bellouacum. *Beauois* | 0 | 40 | 20 | sub. | 49 | 18 | 0 |
| Bellunū. *Ciudaldi Bellum* | 0 | 1 | 44 | ad. | 46 | 13 | 30 |

| Nomina Locorum. | Differentia Temporis. H. | ′ | ″ | | Altitudo Poli. G. | ′ | ″ |
|---|---|---|---|---|---|---|---|
| Benatica arx Bohemiæ | 0 | 13 | 0 | ad. | 50 | 18 | 30 |
| Bengala Indiæ | 5 | 34 | 0 | ad. | 21 | 56 | 0 |
| Beneuentum. *Beneuento* | 0 | 17 | 27 | ad. | 41 | 18 | 0 |
| Berga Norwegiæ | 0 | 14 | 40 | sub. | 61 | 0 | 0 |
| Bergomum. *Bergamo* | 0 | 7 | 28 | sub. | 45 | 43 | 0 |
| Berona, seu Berna. *Bern* | 0 | 17 | 28 | sub. | 47 | 2 | 0 |
| Biturix. *Bourges* | 0 | 39 | 34 | sub. | 47 | 20 | 0 |
| Blæsæ. *Bloys* | 0 | 43 | 0 | sub. | 47 | 46 | 0 |
| Bolonia Normādię. *Boulogne* | 0 | 41 | 32 | sub. | 50 | 40 | 0 |
| Bononia Italię. *Bologna* | 0 | 0 | 0 | | 44 | 30 | 20 |
| Borbonia Lancysia. *Borbon Lancy* | 0 | 34 | 56 | sub. | 46 | 57 | 0 |
| Bracara. *Braga* | 1 | 24 | 32 | sub. | 41 | 48 | 0 |
| Brandeburgum | 0 | 8 | 0 | ad. | 52 | 16 | 0 |
| Bransuicum. *Brunsuich* | 0 | 1 | 4 | sub. | 52 | 15 | 0 |
| Brema Saxonię. *Bremen* | 0 | 11 | 4 | sub. | 53 | 8 | 0 |
| Brigantia. *Braganza* | 1 | 17 | 40 | sub. | 41 | 46 | 0 |
| Brigantium. *Bryaionzon* | 0 | 19 | 48 | sub. | 44 | 48 | 0 |
| Brixia. *Brescia* | 0 | 4 | 40 | sub. | 45 | 32 | 0 |
| Brundusium. *Brindisi* | 0 | 29 | 46 | ad. | 40 | 47 | 20 |
| Bruxellæ. *Brusselles* | 0 | 25 | 0 | sub. | 50 | 48 | 0 |
| Buda Hungariæ. *Ofen* | 0 | 33 | 28 | ad. | 47 | 46 | 0 |
| Burdegala. *Bordeos* | 0 | 50 | 48 | sub. | 45 | 12 | 0 |
| Byzantium. *Constantinopoli* | 1 | 20 | 0 | ad. | 42 | 56 | 0 |
| Cæsaraugusta. *Saragozza* | 0 | 52 | 0 | sub. | 41 | 48 | 0 |
| Cadomum. *Caën* | 0 | 49 | 20 | sub. | 49 | 10 | 0 |
| Calagurris. *Calahorra* | 0 | 58 | 44 | sub. | 42 | 40 | 0 |
| Calecutium. *Calicut* | 2 | 28 | 0 | ad. | 11 | 0 | 0 |
| Calecutium. *Cales* | 0 | 41 | 20 | sub. | 51 | 0 | 0 |
| Cambaia Indiæ | 4 | 14 | 0 | ad. | 22 | 40 | 0 |
| Camboia Indiæ. *Cambogia* | 6 | 12 | 40 | ad. | 11 | 20 | 0 |
| Cameracum. *Cambray* | 0 | 36 | 44 | sub. | 50 | 4 | 50 |
| Cantabrigia Anglię. *Cābrigde* | 0 | 47 | 52 | sub. | 52 | 12 | 0 |
| Canaria Insula | 2 | 7 | 40 | sub. | 28 | 25 | 0 |
| Canton Chinæ | 6 | 45 | 18 | ad. | 24 | 0 | 0 |
| Capua. *Capoa* | 0 | 15 | 28 | ad. | 41 | 20 | 0 |
| Caput S. Augustini | 3 | 4 | 40 | sub. | 8 | 10 | A. |
| Caput Anguillarū *C. das Agullas* | 0 | 38 | 0 | ad. | 34 | 58 | A. |
| Caput Bonæ Spei | 0 | 31 | 20 | ad. | 34 | 32 | A. |
| Cap. Blancum Africæ | 2 | 13 | 40 | sub. | 20 | 32 | 0 |
| Cap. Currentium Africę | 1 | 42 | 0 | ad. | 24 | 0 | A. |
| Cap. Desideratū. *C. Deseado* | 6 | 26 | 0 | sub. | 52 | 58 | A. |
| Cap. Finis Terræ. *Celticum Promont.* | 0 | 50 | 48 | sub. | 43 | 5 | 0 |
| Cap. Gardafuis. *Promōt. Aromata* | 3 | 1 | 40 | ad. | 12 | 0 | 0 |
| Cap. Lisardum Angliæ. *C. Lezardo* | 1 | 9 | 40 | sub. | 50 | 4 | 0 |
| Caput Mendocinum | 10 | 35 | 20 | sub. | 42 | 42 | 0 |
| Cap. Viride. *C. Verde* | 2 | 13 | 48 | sub. | 14 | 27 | 0 |
| Carmutūm. *Chartres* | 0 | 44 | 0 | sub. | 48 | 30 | 0 |
| Carthago Africæ | 0 | 0 | 28 | ad. | 35 | 10 | 0 |
| Casale S. Euasij | 0 | 12 | 8 | sub. | 44 | 54 | 30 |
| Cassellæ Hassię. *Casselen* | 0 | 10 | 0 | sub. | 51 | 19 | 40 |
| Catana Siciliæ. *Catania* | 0 | 15 | 32 | ad. | 37 | 36 | 32 |
| Catacium. *Catanzaro* | 0 | 23 | 0 | ad. | 39 | 5 | 6 |

Cau-

| Nomina Locorum. | Differentia Temporis. H. | ′ | ″ | | Altitudo Poli. G. | ′ | ″ |
|---|---|---|---|---|---|---|---|
| Caucincina | 6 | 18 | 0 | ad. | 18 | 55 | 0 |
| Cayrum. *Memphis* | 1 | 37 | 0 | ad. | 29 | 50 | 0 |
| Ceilanum. *Zeilan* | 4 | 46 | 0 | ad. | 7 | 50 | 0 |
| Cephalænia. *Cefalonia* | 0 | 40 | 24 | ad. | 37 | 12 | 0 |
| Cesena. *Cesena* | 0 | 3 | 24 | ad. | 44 | 13 | 0 |
| Chios Scio Insulæ vrbs | 1 | 9 | 0 | ad. | 38 | 30 | 0 |
| Cibinium. *Hermenstatt* | 0 | 51 | 20 | ad. | 48 | 16 | 0 |
| Claramontium Aruerniæ. *Clermont* | 0 | 38 | 8 | sub. | 46 | 11 | 0 |
| Claudiopolis. *Claussemburg* | 0 | 46 | 0 | ad. | 48 | 25 | 0 |
| Cliuia Cliues | 0 | 21 | 44 | sub. | 51 | 48 | 30 |
| Coccinum. *Cochin* | 3 | 2 | 28 | ad. | 9 | 25 | 0 |
| Colonia Agrippina. *Coln* | 0 | 18 | 0 | sub. | 50 | 54 | 50 |
| Comorinum | 4 | 26 | 8 | ad. | 8 | 0 | 0 |
| Complutum. *Alcalà d'Henares* | 1 | 2 | 52 | sub. | 4 | 28 | 0 |
| Compostella | 1 | 26 | 0 | sub. | 42 | 58 | 0 |
| Comum. *Como* | 0 | 9 | 56 | sub. | 45 | 43 | 0 |
| Cõceptionis Vrbs Chilensis regni | 6 | 2 | 0 | sub. | 36 | 38 | A. |
| Confluentia Mosæ, & Rheni. *Coblens* | 0 | 19 | 40 | sub. | 50 | 22 | 0 |
| Conimbrica. *Coimbra* | 1 | 25 | 52 | sub. | 40 | 30 | 0 |
| Constantia. *Costniz* | 0 | 10 | 12 | sub. | 47 | 42 | 0 |
| Constantinopolis | 1 | 20 | 26 | ad. | 42 | 56 | 0 |
| Corcyra. *Corfu* | 0 | 34 | 32 | ad. | 39 | 37 | 0 |
| Corduba. *Cordoua* | 1 | 10 | 24 | sub. | 37 | 56 | 0 |
| Corona Transilu. *Cronstatt* | 0 | 56 | 12 | ad. | 48 | 28 | 50 |
| Corui Insula Azoridum | 3 | 3 | 20 | sub. | 40 | 3 | 0 |
| Cosentia Apuliæ. *Cossenza* | 0 | 21 | 35 | ad. | 39 | 28 | 0 |
| Cracouia. *Cracaun* | 0 | 34 | 0 | ad. | 50 | 10 | 0 |
| Crema. *Crema* | 0 | 6 | 52 | sub. | 45 | 16 | 0 |
| Cremona | 0 | 5 | 52 | sub. | 45 | 1 | 0 |
| Creta. *Candia vrbs Insulæ* | 1 | 8 | 8 | ad. | 34 | 40 | 0 |
| Crosna Silesiæ. *Crossen* | 0 | 14 | 40 | ad. | 52 | 6 | 30 |
| Curia Heluet. *Coira*, & *Chur* | 0 | 7 | 20 | sub. | 46 | 28 | 0 |
| Cuscum Peruuij. *Cuzco* | 5 | 42 | 0 | sub. | 12 | 25 | A. |
| Damascus Syriæ. *Damasco* | 2 | 6 | 0 | ad. | 33 | 10 | 0 |
| Dantiscum. *Dantziga* | 0 | 32 | 0 | ad. | 54 | 22 | 0 |
| Deppa Normandiæ. *Dieppe* | 0 | 44 | 22 | sub. | 49 | 34 | 0 |
| Dauentia. *Deuenter* | 0 | 18 | 0 | sub. | 53 | 11 | 0 |
| Dertona. *Tortona* | 0 | 10 | 30 | sub. | 44 | 5 | 0 |
| Dertosa. *Tortosa* | 0 | 46 | 48 | sub. | 40 | 46 | 0 |
| Dillinga Germanię. *Dillingen* | 0 | 13 | 20 | sub. | 48 | 30 | 0 |
| Dinia Prouincię. *Digne* | 0 | 22 | 0 | sub. | 44 | 5 | 45 |
| Diuio. *Digion* | 0 | 28 | 0 | sub. | 47 | 28 | 0 |
| Dola Burgundiæ. *Dole* | 0 | 27 | 0 | sub. | 47 | 20 | 0 |
| Drepanum. *Trapani* | 0 | 4 | 4 | ad. | 37 | 32 | 0 |
| Dresda Misnię. *Dresden* | 0 | 10 | 16 | ad. | 51 | 5 | 0 |
| Duacum. *Duay* | 0 | 37 | 28 | sub. | 50 | 15 | 0 |
| Dublynum Hiberniæ. *Dublyn* | 1 | 16 | 0 | sub. | 53 | 11 | 0 |
| Dyrrhachium. *Durazzo* | 0 | 34 | 33 | ad. | 41 | 58 | 0 |
| Ebora. *Euora* | 1 | 34 | 0 | sub. | 38 | 22 | 0 |
| Eboracum Scotię. *Yorch* | 0 | 52 | 40 | sub. | 53 | 57 | 0 |
| Ebroica. *Eurex* | 0 | 43 | 40 | sub. | 48 | 42 | 0 |
| Edemburgum Scotiæ | 1 | 1 | 12 | sub. | 55 | 47 | 0 |
| Egra Bohemiæ | 0 | 1 | 1 | ad. | 50 | 1 | 0 |
| Emuda. *Embdem* | 0 | 17 | 4 | sub. | 53 | 5 | 40 |
| Emerita. *Merida* | 1 | 18 | 16 | sub. | 38 | 54 | 0 |
| Epidaurus. *Ragusa* | 0 | 27 | 12 | ad. | 42 | 33 | 0 |

| Nomina Locorum. | Differentia Temporis. H. | ′ | ″ | | Altitudo Poli. G. | ′ | ″ |
|---|---|---|---|---|---|---|---|
| Erefordia Turingię. *Erfurd* | 0 | 0 | 28 | ad. | 51 | 6 | 0 |
| Eugubium. *Agubio* | 0 | 5 | 28 | ad. | 43 | 8 | 0 |
| Eycstadium Bauariæ. *Eycstad* | 0 | 4 | 0 | sub. | 48 | 53 | 30 |
| Famagusta Cypri. *Salamin* | 0 | 48 | 0 | ad. | 35 | 18 | 0 |
| Fanum Fortunæ. *Fano* | 0 | 6 | 46 | ad. | 44 | 4 | 0 |
| Fauentia. *Faenza* | 0 | 1 | 56 | ad. | 44 | 33 | 15 |
| Ferraria Italiæ. Auctoris Patria | 0 | 1 | 3 | ad. | 44 | 54 | 15 |
| Ferri Insula Fortunata. *Is. del Ferro* | 2 | 18 | 0 | sub. | 28 | 10 | 0 |
| Fessa Mauritaniæ. *Fez* | 1 | 21 | 0 | sub. | 33 | 10 | 0 |
| Florentia Hetrurię. *Fiorenza* | 0 | 0 | 30 | ad. | 43 | 41 | 0 |
| Flensburgum Iutlandiæ | 0 | 5 | 8 | sub. | 54 | 58 | 0 |
| Florum Insula. *Flores Azoridum* | 3 | 3 | 24 | sub. | 39 | 35 | 0 |
| Forum Cornelij. *Imola* | 0 | 1 | 26 | ad. | 44 | 26 | 40 |
| Forum Iulij. *Friuli* | 0 | 6 | 44 | ad. | 46 | 17 | 0 |
| Forum Liuij. *Forlì* | 0 | 2 | 40 | ad. | 44 | 17 | 0 |
| Forum Sempronij. *Fossambruno* | 0 | 6 | 20 | ad. | 43 | 52 | 0 |
| Francofurtum Mœni. *Francfort* | 0 | 13 | 16 | sub. | 50 | 4 | 0 |
| Francofurtum Oderæ | 0 | 14 | 0 | ad. | 52 | 20 | 0 |
| Franequera Frisiæ. *Franeker* | 0 | 23 | 0 | sub. | 53 | 12 | 30 |
| Friburgum Brisgoiæ | 0 | 15 | 28 | sub. | 48 | 16 | 0 |
| Fruemburgum Prussiæ | 0 | 36 | 20 | ad. | 54 | 29 | 0 |
| Fulda Hassiæ. *Fuld* | 0 | 11 | 12 | sub. | 50 | 42 | 0 |
| Fulginia. *Foligno* | 0 | 6 | 8 | ad. | 42 | 48 | 30 |
| Gades. *Cadiz* | 1 | 16 | 56 | sub. | 36 | 16 | 0 |
| Gandauum. *Gant* | 0 | 33 | 36 | sub. | 51 | 2 | 30 |
| Gaugamela Assiriæ | 2 | 33 | 0 | ad. | 35 | 2 | 0 |
| Geldria. *Gelder* | 0 | 21 | 12 | sub. | 51 | 30 | 0 |
| Geneua. *Geneura* | 0 | 22 | 56 | sub. | 46 | 20 | 0 |
| Genua. *Genoua* | 0 | 9 | 0 | sub. | 44 | 27 | 0 |
| Geilolum. *Gilolo* | 7 | 28 | 20 | ad. | 1 | 0 | 0 |
| Gerunda. *Girona* | 0 | 36 | 48 | sub. | 42 | 8 | 0 |
| Glacium. *Glatz* | 0 | 20 | 8 | ad. | 50 | 28 | 0 |
| Goa Indiæ | 4 | 18 | 0 | ad. | 15 | 30 | 0 |
| Goësa Zelandiæ | 0 | 31 | 0 | sub. | 51 | 30 | 30 |
| Gorliciũ Silesię. *Gorlitz* | 0 | 14 | 48 | ad. | 51 | 14 | 0 |
| Gratiana Croatiæ. *Gradisca* | 0 | 7 | 32 | ad. | 46 | 8 | 0 |
| Gratianopolis. *Granoble* | 0 | 25 | 0 | sub. | 45 | 11 | 30 |
| Gratium Styriæ. *Gratz* | 0 | 20 | 40 | ad. | 47 | 2 | 0 |
| Grodnum Samogitiæ. *Grodn* | 0 | 47 | 20 | ad. | 53 | 25 | 0 |
| Grinnis, seu Groninga. *Groningen* | 0 | 19 | 36 | sub. | 53 | 8 | 0 |
| Grypsuualdia Pomeraniæ. *Grypswald* | 0 | 11 | 4 | ad. | 54 | 14 | 0 |
| Hafnia. *Copenhauen* | 0 | 5 | 32 | ad. | 55 | 43 | 0 |
| Halaria Islandię. *Halar* | 1 | 58 | 40 | sub. | 67 | 26 | 0 |
| Halberstad ũ Saxoniæ. *Halberstatt* | 0 | 0 | 44 | ad. | 51 | 56 | 0 |
| Halla Saxoniæ. *Hall* | 0 | 4 | 48 | ad. | 51 | 32 | 0 |
| Hamburgum Holsatiæ. *Hamburg* | 0 | 5 | 44 | sub. | 53 | 42 | 50 |
| Heidelberga *Heidelberg* | 0 | 12 | 8 | sub. | 49 | 22 | 0 |
| Herbipolis. *Vuirtzburg.* | 0 | 7 | 0 | sub. | 49 | 45 | 0 |
| Hildesemium Saxoniæ. *Hildesem* | 0 | 4 | 12 | sub. | 52 | 8 | 0 |
| Hierosolyma. *Gierusalemme* | 1 | 56 | 0 | ad. | 32 | 0 | 0 |
| Hispalis. *Siuiglia* | 1 | 15 | 44 | sub. | 37 | 36 | 0 |

Huro-

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| Nomina Locorum. | Differentia Temporis. H. | ′ | ″ | | Altitudo Poli. G. | ′ | ″ |
|---|---|---|---|---|---|---|---|
| Hurones nouæ Franciæ | 6 | 9 | 0 | sub. | 44 | 40 | 0 |
| Hydruntum. *Otranto* | 0 | 31 | 20 | ad. | 40 | 18 | 0 |
| S. Iacob. Inſ. Heſperid. *S. Iago* | 2 | 39 | 20 | ſub. | 14 | 50 | 0 |
| Iauæ maioris medium | 6 | 18 | 16 | ad. | 6 | 30 | A. |
| Iauæ minoris medium | 6 | 30 | 56 | ad. | 7 | 40 | A. |
| Ieroslauia Maſſouię. *Ieroslaun* | 0 | 42 | 48 | ad. | 57 | 40 | 0 |
| Iletda. *Lerida* | 0 | 46 | 0 | ſub. | 41 | 30 | 0 |
| Imperialis, vrbs Chilenſis Regni | 5 | 34 | 0 | ſub. | 39 | 0 | A. |
| Ingolſtadium Bauariæ. *Ingſtad* | 0 | 0 | 30 | ſub. | 48 | 40 | 0 |
| Iuliacum Giuliech, & *Giuliers* | 0 | 16 | 14 | ſub. | 50 | 54 | 54 |
| Kebekum nouæ Franciæ. *Quebec* | 5 | 16 | 0 | ſub. | 47 | 0 | 0 |
| Lancaſtria Angliæ | 0 | 58 | 56 | ſub. | 54 | 3 | 0 |
| Lancerotta Inſula Fortunatarum | 1 | 55 | 20 | ſub. | 28 | 50 | 0 |
| Landishutum Bauariæ. *Landſuth* | 0 | 13 | 28 | ſub. | 42 | 28 | 0 |
| Lauſanna Heluetiæ. *Loſanna* | 0 | 16 | 40 | ſub. | 46 | 40 | 0 |
| Lauretum. *Loreto* | 0 | 10 | 26 | ad. | 43 | 41 | 0 |
| Legio Hiſpaniæ. *Leon* | 1 | 13 | 12 | ſub. | 42 | 54 | 0 |
| Leodiũ. *Liege*, & *Luych* | 0 | 23 | 0 | ſub. | 50 | 40 | 0 |
| Lemouices. *Lemoges.* | 0 | 48 | 0 | ſub. | 46 | 0 | 0 |
| Leopolis Ruſſię. *Lēburg* | 0 | 48 | 0 | ad. | 50 | 6 | 0 |
| Leouardia Friſiæ. *Leuuayden* | 0 | 22 | 16 | ſub. | 53 | 13 | 40 |
| Liburnum. *Porto di Liuorno* | 0 | 4 | 0 | ad. | 43 | 18 | 0 |
| Lilybeũ. *Capo di Marſalla* | 0 | 3 | 56 | ad. | 37 | 20 | 53 |
| Lima Peruuij. *Città de los Reies* | 6 | 11 | 0 | ſub. | 12 | 20 | A. |
| Lingones Lãgres. *Linꝛ* | 0 | 26 | 40 | ſub. | 48 | 10 | 0 |
| Lincium Auſtriæ | 0 | 13 | 0 | ad. | 48 | 20 | 0 |
| Lindauia Sueuiæ. *Lindau* | 0 | 7 | 40 | ſub. | 47 | 28 | 0 |
| Lipſia Miſniæ. *Lipſi*, & *Leipſig* | 0 | 6 | 0 | ad. | 51 | 19 | 15 |
| Lodunum. *Lodum*, ſeu Iuliodunum | 0 | 48 | 0 | ſub. | 48 | 1 | 0 |
| Londinum. *Londra* | 0 | 48 | 0 | ſub. | 51 | 32 | 0 |
| Louanium. *Louagno* | 0 | 27 | 20 | ſub. | 50 | 50 | 0 |
| Lubecca Holſatiæ. *Lubek* | 0 | 1 | 52 | ſub. | 54 | 1 | 0 |
| Lublinum Lituaniæ | 0 | 42 | 0 | ad. | 51 | 8 | 0 |
| Luca Hetruriæ. *Lucca* | 0 | 3 | 12 | ſub. | 43 | 40 | 0 |
| Lucemburgũ. *Luxemburg* | 0 | 20 | 20 | ſub. | 49 | 38 | 0 |
| Lucerna Heluetiæ. *Lucern* | 0 | 14 | 28 | ſub. | 46 | 59 | 0 |
| Lugdunum Batauorum. *Leyda* | 0 | 28 | 0 | ſub. | 52 | 12 | 0 |
| Lugdunum Gallię. *Lion di Francia* | 0 | 28 | 0 | ſub. | 45 | 48 | 0 |
| Macaũ Chinę, & Amacaum. *Macao* | 6 | 45 | 0 | ad. | 22 | 13 | 0 |
| Machlinia. *Machelen* | 0 | 28 | 0 | ſub. | 50 | 59 | 50 |
| Macerata Piceni | 0 | 9 | 32 | ad. | 43 | 33 | 0 |
| Maciana Inſula Moluca. *Macian* | 7 | 18 | 16 | ad. | 0 | 12 | 0 |
| Magdeburgum | 0 | 3 | 28 | ad. | 52 | 14 | 0 |
| Maij Inſ. Heſperidum. *Iſ. del Maio* | 2 | 36 | 40 | ſub. | 14 | 48 | 0 |
| Maiorica Mallorca. | 0 | 37 | 0 | ſub. | 39 | 35 | 0 |

| Nomina Locorum. | Differentia Temporis. H. | ′ | ″ | | Altitudo Poli. G. | ′ | ″ |
|---|---|---|---|---|---|---|---|
| Malacca Indiæ | 5 | 54 | 40 | ad. | 2 | 20 | 0 |
| Malaca Hiſpaniæ. *Malaga* | 1 | 10 | 12 | ſub. | 36 | 37 | 0 |
| Maclouium. *S. Malò* | 0 | 56 | 40 | ſub. | 48 | 30 | 0 |
| Manicongum Africæ | 0 | 27 | 20 | ad. | 6 | 0 | A |
| Manila Luzoniæ | 7 | 6 | 0 | ad. | 14 | 46 | 0 |
| Mansfeldia Saxoniæ. *Mansfeld* | 0 | 2 | 24 | ad. | 51 | 40 | 0 |
| Mantua. *Mantoa* | 0 | 3 | 0 | ſub. | 45 | 11 | 0 |
| S. Maria Inſula Azoridũ | 3 | 32 | 0 | ſub. | 37 | 8 | 0 |
| Marigalanta Iſola | 4 | 56 | 0 | ſub. | 15 | 48 | 0 |
| Maurocum. *Marrocco* | 1 | 28 | 0 | ſub. | 31 | 12 | 0 |
| Martinina Inſ. *Matinina* | 4 | 55 | 0 | ſub. | 14 | 14 | 0 |
| Maſſilia. *Marſilia* | 0 | 26 | 0 | ſub. | 43 | 20 | 0 |
| Maſiſco. *Maſcon* | 0 | 29 | 20 | ſub. | 46 | 20 | 0 |
| Matritum. *Madrid* | 1 | 5 | 0 | ſub. | 40 | 26 | 0 |
| Meacũ Iapponię. *Meaco* | 8 | 11 | 32 | ad. | 36 | 0 | 0 |
| Mecha Arabiæ. *Meccah* | 2 | 26 | 0 | ad. | 23 | 40 | 0 |
| Mediolanum. *Milano* | 0 | 9 | 0 | ſub. | 45 | 14 | 0 |
| Meldæ. *Meaulx* | 0 | 37 | 36 | ſub. | 48 | 56 | 30 |
| Mechuacania nouæ Hiſpaniæ | 7 | 56 | 48 | ſub. | 20 | 16 | 0 |
| Meliapora. *Città di S. Tomaſo* | 4 | 38 | 16 | ad. | 13 | 30 | 0 |
| Melinda Africæ | 1 | 54 | 40 | | 2 | 45 | A. |
| Melodunum. *Melung* | 0 | 38 | 4 | ſub. | 48 | 28 | 0 |
| Melita. *Malta* | 0 | 13 | 0 | ad. | 35 | 40 | 0 |
| Meſſana Sicilię. *Meſſina* | 0 | 17 | 44 | ad. | 38 | 21 | 0 |
| Metæ. *Metz.* | 0 | 21 | 20 | ſub. | 49 | 10 | 0 |
| Mexicum. *Meſſico* | 7 | 48 | 0 | ſub. | 20 | 10 | 0 |
| S. Michael Archangelus in Ruſſia | 2 | 8 | 40 | ad. | 65 | 30 | 0 |
| S. Michaelis Inſula Azoridum | 2 | 39 | 8 | ſub. | 37 | 40 | 0 |
| Middelburgũ Zelandiæ | 0 | 31 | 0 | ſub. | 51 | 30 | 0 |
| Mindanao Inſula | 7 | 19 | 20 | ad. | 7 | 10 | 0 |
| Minorica. *Minorca* | 0 | 30 | 0 | ſub. | 39 | 53 | 0 |
| Mirandula. *Mirandola* | 0 | 1 | 13 | ſub. | 44 | 54 | 30 |
| Moguntia. *Mogonza* | 0 | 14 | 0 | ſub. | 50 | 2 | 0 |
| Monachium Bauariæ. *Munchen* | 0 | 0 | 10 | ad. | 48 | 58 | 0 |
| Monœcus Ligurię. *Monaco* | 0 | 17 | 24 | ſub. | 43 | 39 | 30 |
| Monaſteriũ Vueſtphaliæ. *Munſter* | 0 | 14 | 25 | ſub. | 52 | 0 | 0 |
| Mons Albanus. *Montalbano* | 0 | 42 | 16 | ſub. | 44 | 22 | 0 |
| Mons Peſſulanus. *Mompelier* | 0 | 32 | 20 | ſub. | 43 | 38 | 0 |
| Mons Regis Pruſſiæ. *Konisberg* | 0 | 38 | 0 | ad. | 54 | 43 | 0 |
| Mons Serratus. *Monſerrato* | 0 | 42 | 20 | ſub. | 41 | 40 | 0 |
| Moſcua. *Moſcouia* | 2 | 9 | 0 | ad. | 55 | 18 | 0 |
| Mutina. *Modena* | 0 | 1 | 34 | ſub. | 44 | 38 | 50 |
| Muſſipons, ſeu Moſæpons. *Portamuſon* | 0 | 21 | 48 | ſub. | 48 | 54 | 0 |
| Namurcum. *Namur* | 0 | 26 | 48 | ſub. | 50 | 26 | 0 |
| Nanchinum Sinarum. *Nanking* | 6 | 56 | 0 | ad. | 32 | 40 | 0 |
| ad | | | | | 32 | 15 | 0 |
| Nanceium. *Nanſy* | 0 | 20 | 48 | ſub. | 48 | 39 | 0 |
| Nannetes. *Nantes* | 0 | 54 | 48 | ſub. | 48 | 13 | 0 |
| Nangaſachium Iapponiæ. *Nangaſachi* | 7 | 44 | 32 | ad. | 32 | 53 | 0 |
| Nanquinum Chinæ | 6 | 55 | 44 | ad. | 32 | 15 | 0 |
| vel | 7 | 10 | 16 | ad. | 32 | 40 | 0 |
| Narbona Galliæ. *Narbona* | 0 | 36 | 40 | ad. | 43 | 22 | 0 |
| Narſinga Indiæ | 4 | 46 | 40 | ad. | 18 | 15 | 0 |
| Narua Liuoniæ | 1 | 10 | 0 | ad. | 59 | 6 | 0 |

Nea-

| Nomina Locorum. | Differentia Temporis. H. | ′ | ″ | | Altitudo Poli. G. | ′ | ″ |
|---|---|---|---|---|---|---|---|
| Neapolis. *Napoli* | 0 | 16 | 0 | ad. | 41 | 5 | 0 |
| Neoburgum Bauariæ | 0 | 1 | 32 | sub. | 48 | 39 | 30 |
| Nigropolis Russiæ | 0 | 51 | 20 | ad. | 49 | 14 | 0 |
| Nicosia Cypri | 1 | 45 | 20 | ad. | 35 | 32 | 0 |
| Nicea Prouinciæ. *Nizza di Prouenza* | 0 | 18 | 8 | sub. | 43 | 38 | 0 |
| Niuernium. *Niuers* | 0 | 38 | 16 | sub. | 47 | 19 | 0 |
| Nuceria Vmbriæ. *Nocera* | 0 | 16 | 44 | ad. | 40 | 55 | 0 |
| Nola Campaniæ | 0 | 16 | 28 | ad. | 41 | 7 | 30 |
| Norimberga Franconiç. *Nurinberg* | 0 | 2 | 40 | sub. | 49 | 26 | 0 |
| Nouaria. *Nouara* | 0 | 11 | 58 | sub. | 45 | 10 | 0 |
| Oldemburgum Vuestphaliæ | 0 | 13 | 4 | sub. | 53 | 9 | 0 |
| Olinda Brasiliæ | 3 | 6 | 0 | sub. | 7 | 48 | A. |
| Oenipontum Notici. *Ispruck* | 0 | 0 | 5 | sub. | 47 | 10 | 0 |
| Olomuntium Morauiæ. *Olmitz* | 0 | 20 | 32 | ad. | 49 | 35 | 0 |
| Omura Iapponiæ | 7 | 45 | 12 | ad. | 33 | 0 | 0 |
| Ortosia. *Tortosa* Syriæ | 2 | 3 | 0 | ad. | 35 | 0 | 0 |
| Oropitum. *Orvieto* | 0 | 4 | 0 | ad. | 42 | 36 | 0 |
| Osca. *Hueua* | 0 | 50 | 0 | sub. | 42 | 10 | 0 |
| Ostenda Flandriæ | 0 | 36 | 56 | sub. | 51 | 16 | 0 |
| Osnabruga. *Ossēbruga* | 0 | 12 | 44 | sub. | 52 | 25 | 0 |
| Oxonium. *Oxford.* | 0 | 53 | 0 | sub. | 51 | 46 | 0 |
| Ozaca Iapponiæ | 8 | 4 | 52 | ad. | 35 | 5 | 0 |
| Pachinum Promotoriū. *Capo Passero* | 0 | 16 | 24 | ad. | 36 | 32 | 50 |
| Paderbona Vuestphaliç. *Palborn* | 0 | 9 | 0 | sub. | 51 | 40 | 0 |
| Palantia. *Palenza* | 1 | 9 | 8 | sub. | 42 | 5 | 0 |
| Palma Vrbs Insulę Fortun. | 2 | 18 | 0 | sub. | 28 | 55 | 0 |
| Palma noua Venetorum | 0 | 6 | 46 | ad. | 46 | 4 | 0 |
| Pampelon. *Pamplona* | 0 | 53 | 36 | sub. | 43 | 20 | 0 |
| Panama Americæ | 6 | 23 | 0 | sub. | 9 | 10 | 0 |
| Panormus. *Palermo* | 0 | 7 | 0 | ad. | 38 | 10 | 0 |
| Papia, & Ticinū. *Pauia* | 0 | 9 | 4 | sub. | 44 | 58 | 0 |
| Parisij, & Luteria. *Parigi* | 0 | 40 | 0 | sub. | 48 | 50 | 0 |
| Parma Lombardię | 0 | 4 | 14 | sub. | 44 | 44 | 50 |
| Patauia Norica. *Passauu* | 0 | 8 | 40 | ad. | 48 | 30 | 0 |
| Patauium. *Padoua* | 0 | 2 | 4 | ad. | 45 | 31 | 0 |
| Pelusium. *Damiata* | 1 | 44 | 40 | ad. | 31 | 25 | 0 |
| Peguuium Indiæ. *Pegù* | 5 | 46 | 0 | ad. | 20 | 0 | 0 |
| Pequinum. *Peking*, & Quinsai Sinarum | 7 | 4 | 32 | ad. | 40 | 0 | 0 |
| vel | 6 | 57 | 12 | | 39 | 59 | 0 |
| Pernambucum Brasiliæ | 3 | 37 | 20 | sub. | 7 | 40 | A. |
| Persepolis. *Siras*, vel *Siraz* | 3 | 2 | 0 | ad. | 34 | 14 | 0 |
| Petrogorium. *Pariguex* | 0 | 43 | 12 | sub. | 45 | 34 | 0 |
| Perpinianū. *Perpignano* | 0 | 34 | 48 | sub. | 42 | 52 | 0 |
| Perusia, & Perusium. *Perugia* | 0 | 4 | 40 | ad. | 42 | 56 | 0 |
| Petouio Styriæ. *Pettauu* | 0 | 24 | 40 | ad. | 40 | 40 | 0 |
| Picus Insula Azoridum | 2 | 53 | 0 | sub. | 38 | 40 | 0 |
| Pictauia. *Poitiers* | 0 | 46 | 8 | sub. | 47 | 7 | 0 |
| Pisaratum. *Pisa* | 0 | 1 | 40 | sub. | 43 | 9 | 0 |
| Pistorium. *Pistoia* | 0 | 1 | 42 | sub. | 43 | 42 | 0 |
| Placentia Lombardiæ. *Piacenza* | 0 | 6 | 58 | sub. | 44 | 52 | 40 |
| Placentia Cantabriæ. *Placenza* | 1 | 1 | 4 | sub. | 43 | 38 | 0 |
| Placentia Castellæ | 1 | 14 | 48 | sub. | 40 | 4 | 0 |
| Plesequia Russiæ. *Plescouu* | | | | ad. | 59 | 2 | 0 |
| Pola Istriæ. *Pola*. Pictas Iulia | 0 | 12 | 4 | ad. | 45 | 20 | 0 |

| Nomina Locorum. | Differentia Temporis. H. | ′ | ″ | | Altitudo Poli. G. | ′ | ″ |
|---|---|---|---|---|---|---|---|
| Poloſckum. *Polozzko* | 1 | 6 | 40 | ad. | 55 | 28 | 0 |
| Pons Mosellanus. *Pontamuson* | 0 | 17 | 48 | sub. | 48 | 54 | 0 |
| Portus Bellus Americæ | 6 | 21 | 20 | sub. | 9 | 55 | 0 |
| Portus Desiderij. *Porto Desire* | 5 | 48 | 40 | sub. | 47 | 50 | A. |
| Portus Gratianus. *Haure de Grace* | 0 | 48 | 16 | sub. | 49 | 7 | 0 |
| Portus vetus. *Porto veio* | 6 | 25 | 0 | sub. | 1 | 10 | A. |
| Posoniū. *Presburg.* Hungariæ | 0 | 47 | 12 | ad. | 48 | 19 | 0 |
| Posnania Poloniæ. *Poznan* | 0 | 25 | 0 | ad. | 52 | 20 | 0 |
| Potoseum. *Potosi* | 5 | 29 | 20 | sub. | 21 | 40 | A. |
| Praga Bohemiæ. *Prag* | 0 | 11 | 30 | ad. | 50 | 40 | 30 |
| Promontorium Aromata. *Capo di Gardafuy* | 3 | 1 | 40 | ad. | 12 | 0 | 0 |
| Promontoriū Bonę Spei | 0 | 31 | 20 | ad. | 34 | 32 | A. |
| Promontoriū Corodamum. *C. Ras Algate* | 3 | 34 | 0 | ad. | 22 | 10 | 0 |
| Promontoriū Sammonicum. *C. Salomone* | 1 | 14 | 48 | ad. | 34 | 10 | 0 |
| Promontorium Sairum. *Capo di S. Vincenzo* | 1 | 29 | 20 | sub. | 37 | 35 | 0 |
| Promontoriū Celticum, vel Artabrū. *Capo di Finis terra* | 0 | 50 | 52 | sub. | 43 | 8 | 0 |
| Promontoriū Tenarum. *Capo Martapam* | 0 | 50 | 44 | ad. | 35 | 8 | 0 |
| Promotorium Guanaama. *Capo Non* | 1 | 40 | 24 | sub. | 28 | 32 | 0 |
| Queboc, & Kebek noua Franciæ | 5 | 16 | 0 | sub. | 47 | 0 | 0 |
| Quiloa Africæ | 1 | 47 | 40 | ad. | 9 | 0 | A. |
| S. Quintini Fanum. *S. Quintin* | 0 | 34 | 12 | sub. | 49 | 46 | 0 |
| Ratisbona. *Regensburg* | 0 | 2 | 8 | ad. | 48 | 59 | 0 |
| Rauenna Flaminiæ | 0 | 3 | 32 | ad. | 44 | 26 | 20 |
| Regium Lepidi. *Reggio di Lombardia* | 0 | 2 | 56 | sub. | 44 | 43 | 0 |
| Rethelium. *Rethel* | 0 | 29 | 12 | sub. | 49 | 28 | 0 |
| Reatę. *Rieti* | 0 | 9 | 12 | ad. | 42 | 29 | 0 |
| Regius Mons Prussiæ. *Kanisberga* | 0 | 38 | 0 | ad. | 54 | 43 | 0 |
| Reualia Liuoniæ. *Reuel* | 0 | 54 | 0 | ad. | 59 | 12 | 0 |
| Rhedones. *Rennes* | 0 | 54 | 48 | sub. | 47 | 48 | 0 |
| Rhegium, *Reggio di Calabria* | 0 | 18 | 12 | ad. | 38 | 15 | 0 |
| Rhemiorum. *Rems* | 0 | 31 | 4 | sub. | 49 | 12 | 0 |
| Rhodus vrbs Ins. Rhodi | 1 | 24 | 40 | ad. | 36 | 22 | 0 |
| Rhodigium. *Rouigo* | 0 | 1 | 24 | ad. | 45 | 9 | 0 |
| Riga Liuoniæ | 0 | 51 | 12 | ad. | 56 | 52 | 0 |
| Roma. *Roma* | 0 | 7 | 15 | ad. | 41 | 54 | 0 |
| Rosciaum. *Rossana* | 0 | 22 | 36 | ad. | 39 | 49 | 0 |
| Rostochium. *Rostok* | 0 | 4 | 48 | ad. | 54 | 10 | 0 |
| Roterodamum. *Roterdam* | 0 | 28 | 12 | sub. | 51 | 55 | 0 |
| Rothomagum. *Rouen* Normandiæ | 0 | 43 | 20 | sub. | 49 | 0 | 0 |
| Rupellæ. *Rocchelle* | 0 | 53 | 52 | sub. | 46 | 22 | 0 |
| Ruscino. *Roncilione* | 0 | 34 | 44 | sub. | 42 | 48 | 0 |
| Sabalæ Galliæ. *Sable* | 0 | 49 | 52 | sub. | 48 | 26 | 0 |
| Salmantica. *Salamanca* | 1 | 12 | 48 | sub. | 40 | 56 | 0 |
| Salernum. *Salerno* | 0 | 17 | 12 | ad. | 40 | 51 | 0 |
| Salisburgum. *Salzburg* | 0 | 7 | 44 | ad. | 47 | 44 | 0 |
| Salomonis Insula IESV | 9 | 18 | 0 | sub. | 8 | 0 | A. |
| Samarkanda vetus. *Samarkand* | 4 | 6 | 0 | ad. | 45 | 0 | 0 |
| & noua | 4 | 3 | 4 | ad. | 39 | 37 | 23 |

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| Nomina Locorum. | Differentia Temporis. H. | ′ | ″ | | Altitudo Poli. G. | ′ | ″ |
|---|---|---|---|---|---|---|---|
| Sancianum Insula | 6 | 32 | 0 | ad. | 21 | 30 | 0 |
| Santonas. *Santogne* | 0 | 51 | 32 | sub. | 45 | 38 | 0 |
| Sardes Lydiæ. *Sardi* | 1 | 21 | 0 | ad. | 38 | 20 | 0 |
| Sassarum. *Sassari* | 0 | 11 | 16 | sub. | 40 | 23 | 0 |
| Sauo Sabata. *Sauona* | 0 | 12 | 28 | sub. | 44 | 18 | 0 |
| Segobia. *Segouia* | 1 | 6 | 32 | sub. | 40 | 56 | 0 |
| Segontia. *Siguenza* | 1 | 0 | 0 | sub. | 40 | 57 | 0 |
| Sendomira Poloniæ | 0 | 41 | 32 | ad. | 50 | 42 | 0 |
| Sena Hetruriæ. *Siena* | 0 | 0 | 54 | ad. | 43 | 11 | 0 |
| Septimancæ. *Simancas* | 0 | 45 | 8 | sub. | 41 | 38 | 0 |
| Siponum. *Siponto* | 0 | 21 | 21 | ad. | 41 | 50 | 0 |
| Siracusæ. *Siracusa* | 0 | 14 | 20 | ad. | 37 | 3 | 57 |
| Smolenskum Moscouię | 0 | 27 | 20 | ad. | 55 | 26 | 0 |
| Smyrna. *La Smyrne* | 1 | 16 | 0 | ad. | 38 | 22 | 0 |
| Soccotorra. *Zocotora*, à *Zocatra* | 3 | 10 | 0 | ad. | 13 | 0 | 0 |
| Spahani Persidis. *Ispahan* | 3 | 36 | 0 | ad. | 36 | 14 | 0 |
| Spira. *Speir* | 0 | 12 | 48 | sub. | 49 | 12 | 0 |
| Spoletium. *Spoleti* | 0 | 7 | 30 | ad. | 42 | 43 | 0 |
| Stettinum Pomeraniæ. *Stettin* | 0 | 14 | 0 | ad. | 53 | 34 | 0 |
| Stokolmia Suetiæ. *Stokolm* | 0 | 26 | 40 | ad. | 59 | 30 | 0 |
| Strigonium Hungariæ. *Gran* | 0 | 31 | 28 | ad. | 47 | 57 | 0 |
| Susæ Persidis. *Susa* | 3 | 20 | 0 | ad. | 33 | 20 | 0 |
| Syracusæ. *Siracusa* | 0 | 16 | 0 | ad. | 37 | 3 | 37 |
| Tarentum. *Taranto* | 0 | 27 | 2 | ad. | 40 | 40 | 0 |
| Tarraco. *Tarragona* | 0 | 43 | 0 | sub. | 41 | 6 | 0 |
| Tarracina. *Terracina* | 0 | 11 | 6 | ad. | 41 | 31 | 0 |
| Taruisium. *Treuiso* | 0 | 1 | 48 | ad. | 45 | 45 | 0 |
| Taurinum. *Torino* | 0 | 14 | 59 | sub. | 44 | 9 | 0 |
| Teneriffa Insula Fortunatarum | 2 | 10 | 24 | sub. | 28 | 50 | 0 |
| Ternate Insula Moluccа | 7 | 26 | 0 | ad. | 0 | 42 | A. |
| Tergeste. *Trieste* | 0 | 8 | 48 | ad. | 45 | 57 | 0 |
| Tertiaria. *Isola Terzera* | 2 | 47 | 0 | sub. | 39 | 4 | 0 |
| Texelia. *Tessel* | 0 | 25 | 40 | sub. | 53 | 3 | 0 |
| Thionis Villa. *Thionville* | 0 | 21 | 16 | sub. | 49 | 29 | 0 |
| Tessalonica. *Salonichi* | 0 | 51 | 27 | ad. | 41 | 28 | 0 |
| Tholosa Galliæ. *Tolosa* | 0 | 42 | 24 | sub. | 44 | 0 | 0 |
| Tidora Insula Molucca. *Tidor* | 7 | 26 | 24 | ad. | 0 | 36 | 0 |
| Tingis Mauritanię. *Tãger* | 1 | 36 | 0 | sub. | 35 | 25 | 0 |
| Tirolium. *Tirolo* | 0 | 3 | 20 | sub. | 46 | 38 | 0 |
| Toletum. *Toledo* | 1 | 6 | 0 | sub. | 39 | 52 | 0 |
| Tolone. *Telo Martius* | 0 | 23 | 36 | sub. | 43 | 5 | 0 |
| S. Thomæ Insula | 0 | 19 | 0 | sub. | 0 | 10 | 0 |
| Tornacum. *Tornay* | 0 | 35 | 20 | sub. | 50 | 32 | 0 |

| Nomina Locorum. | Differentia Temporis. H. | ′ | ″ | | Altitudo Poli. G. | ′ | ″ |
|---|---|---|---|---|---|---|---|
| Trapezus-untis. *Trebisonda* | 2 | 14 | 0 | ad. | 43 | 11 | 0 |
| Traianopolis. *Traianopoli* | 1 | 9 | 44 | ad. | 43 | 34 | 0 |
| Traiectum. *Mastrich* | 0 | 22 | 48 | sub. | 50 | 49 | 50 |
| Triuer. *Trier* | 0 | 19 | 36 | sub. | 49 | 50 | 30 |
| Tridentum. *Trento* | 0 | 2 | 0 | sub. | 46 | 10 | 0 |
| Tripolis Syriæ. *Tripoli* | 2 | 3 | 4 | ad. | 34 | 37 | 0 |
| Tubinga. *Tobinga* | 0 | 10 | 30 | sub. | 48 | 34 | 0 |
| Tuder. *Todin* | 0 | 5 | 28 | ad. | 42 | 41 | 0 |
| Tunetum. *Tunisi* | 0 | 8 | 0 | sub. | 35 | 18 | 0 |
| Turonum. *Tours* | 0 | 46 | 8 | sub. | 47 | 35 | 0 |
| Turriaso. *Tarrazona* | 0 | 57 | 48 | sub. | 42 | 9 | 0 |
| Tybene Persidis. *Tiben* | 2 | 47 | 36 | ad. | 38 | 0 | 0 |
| Valentia Hispaniæ. *Valenza* | 0 | 50 | 0 | sub. | 39 | 30 | 0 |
| Valentia Galliæ. *Valencè* | 0 | 28 | 52 | sub. | 44 | 58 | 0 |
| Valentiane. *Valencenes* | 0 | 35 | 44 | sub. | 50 | 20 | 0 |
| Valisoletum. *Valladolid* | 1 | 9 | 12 | sub. | 41 | 42 | 0 |
| Vangiones. *Vormatia* | 0 | 13 | 20 | sub. | 49 | 39 | 50 |
| Varmia | | | | | | | |
| Varsauia Poloniæ | 0 | 39 | 0 | ad. | 52 | 14 | 0 |
| Venetiæ. *Venetia* | 0 | 2 | 40 | ad. | 45 | 33 | 0 |
| Venetes Britanniæ. *Vannes* | 0 | 59 | 0 | sub. | 47 | 22 | 0 |
| Vercellæ. *Vercelli* | 0 | 12 | 32 | sub. | 45 | 3 | 15 |
| Verodunum Burgundię. *Verdun* | 0 | 29 | 20 | sub. | 46 | 59 | 0 |
| Verodunum Lotharingiæ | 0 | 24 | 44 | sub. | 49 | 5 | 0 |
| Verona. *Verona* | 0 | 2 | 12 | sub. | 45 | 33 | 0 |
| Vesontio. *Besanzon* | 0 | 24 | 0 | sub. | 47 | 34 | 0 |
| Vicentia Cisalpinæ. *Vicenza* | 0 | 1 | 12 | sub. | 45 | 39 | 0 |
| Victoria. *Vittoria* | 1 | 2 | 0 | sub. | 43 | 10 | 0 |
| Vienna Austriæ | 0 | 22 | 0 | ad. | 48 | 22 | 0 |
| Vienna Allobrogum | 0 | 28 | 48 | sub. | 45 | 32 | 0 |
| Vilna Lituaniæ | 0 | 53 | 40 | ad. | 54 | 38 | 30 |
| Viterbum. *Viterbo* | 0 | 5 | 0 | ad. | 42 | 21 | 0 |
| Vladislauia Poloniæ | 0 | 33 | 20 | ad. | 53 | 48 | 0 |
| Vlma Sueuiæ. *Vlma* | 0 | 6 | 16 | sub. | 48 | 20 | 0 |
| Vlyssippo. *Lisbona* | 1 | 30 | 0 | sub. | 38 | 40 | 0 |
| Vltraiectum. *Vtrechth* | 0 | 25 | 52 | sub. | 52 | 4 | 30 |
| Volaterræ. *Volterra* | 0 | 1 | 12 | sub. | 43 | 9 | 0 |
| Volodomira Poloniæ | 0 | 49 | 0 | ad. | 54 | 2 | 0 |
| Vpsalia. *Vpsala* | 0 | 24 | 48 | ad. | 59 | 0 | 0 |
| Vraniburgum Daniæ | 0 | 5 | 36 | ad. | 55 | 54 | 40 |
| Vrbinum. *Vrbino* | 0 | 5 | 34 | ad. | 43 | 53 | 0 |
| Vratislauia. *Breslaun* | 0 | 22 | 0 | ad. | 51 | 14 | 0 |
| Vuitteberga Saxoniæ | 0 | 8 | 4 | ad. | 51 | 48 | 30 |
| Volsembutilia *Vuolsenbutel* | 0 | 0 | 56 | sub. | 52 | 9 | 30 |
| Vuologda Russiæ | 2 | 8 | 40 | ad. | 59 | 12 | 0 |

Multa loca, olim celebria omisimus, quia nunc pro illis vix est, qui calculum illuc Astronomicum, vel inde ad nos transferre velit. Cum autem BONONIÆ longitudo sit, ex demonstratis à nobis in Geographia nostra Reformata, Graduum 34. 30′. à PALMA insula Fortunatâ; facilè aliorum locorum longitudo in hoc Catalogo recensitorum colligi potest, ex differentiâ Temporis, conuersâ per Tabulam 7. supra traditam in partes, & scrupula Æquatoris, & additâ Gradibus 34. 30′. vbi est nota *ad.* vel subtractâ vbi nota *sub.*



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*TAB. 15. Annorum Bissextilium ante Epocham vulgarem Christi.*

| Anni Expansi. | Anni Centesimi Primi, ac Millesimi Primi. | | |
|---|---|---|---|
| 1 | 101 | 2701 | 5301 |
| 5 | 201 | 2801 | 5401 |
| 9 | 301 | 2901 | 5501 |
| 13 | 401 | 3001 | 5601 |
| 17 | 501 | 3101 | 5701 |
| 21 | 601 | 3201 | 5801 |
| 25 | 701 | 3301 | 5901 |
| 29 | 801 | 3401 | 6001 |
| 33 | 901 | 3501 | 6101 |
| 37 | 1001 | 3601 | 6201 |
| 41 | 1101 | 3701 | 6301 |
| 45 | 1201 | 3801 | 6401 |
| 49 | 1301 | 3901 | 6501 |
| 53 | 1401 | 4001 | 6601 |
| 57 | 1501 | 4101 | 6701 |
| 61 | 1601 | 4201 | 6801 |
| 65 | 1701 | 4301 | 6901 |
| 69 | 1801 | 4401 | 7001 |
| 73 | 1901 | 4501 | |
| 77 | 2001 | 4601 | |
| 81 | 2101 | 4701 | |
| 85 | 2201 | 4801 | |
| 89 | 2301 | 4901 | |
| 93 | 2401 | 5001 | |
| 97 | 2501 | 5101 | |
| 101 | 2601 | 5201 | |

*TAB. 16. Annorum Bissextilium Epocha Christi, in forma Anni Iuliani.*

| Anni Expansi | Anni Centesimi, ac Millesimi. | |
|---|---|---|
| 4 | 100 | 2600 |
| 8 | 200 | 2700 |
| 12 | 300 | 2800 |
| 16 | 400 | 2900 |
| 20 | 500 | 3000 |
| 24 | 600 | 3100 |
| 28 | 700 | 3200 |
| 32 | 800 | 3300 |
| 36 | 900 | 3400 |
| 40 | 1000 | 3500 |
| 44 | 1100 | 3600 |
| 48 | 1200 | 3700 |
| 52 | 1300 | 3800 |
| 56 | 1400 | 3900 |
| 60 | 1500 | 4000 |
| 64 | 1600 | 4100 |
| 68 | 1700 | 4200 |
| 72 | 1800 | 4300 |
| 76 | 1900 | 4400 |
| 80 | 2000 | 4500 |
| 84 | 2100 | 4600 |
| 88 | 2200 | 4700 |
| 92 | 2300 | 4800 |
| 96 | 2400 | 4900 |
| 100 | 2500 | 5000 |

*TAB. 17. Annorum Centesim. Communium, vel Bissextilium in forma Anni Gregoriani, cum Dierum excessu supra Dies Iulianos.*

| | Anni | Dies | | | Anni | Dies |
|---|---|---|---|---|---|---|
| B | 1600 | 10 | | C | 4100 | 29 |
| C | 1700 | 11 | | C | 4200 | 30 |
| C | 1800 | 12 | | C | 4300 | 31 |
| C | 1900 | 13 | | B | 4400 | 31 |
| B | 2000 | 13 | | C | 4500 | 32 |
| C | 2100 | 14 | | C | 4600 | 33 |
| C | 2200 | 15 | | C | 4700 | 34 |
| C | 2300 | 16 | | B | 4800 | 34 |
| B | 2400 | 16 | | C | 4900 | 35 |
| C | 2500 | 17 | | C | 5000 | 36 |
| C | 2600 | 18 | | C | 5100 | 37 |
| C | 2700 | 19 | | B | 5200 | 37 |
| B | 2800 | 19 | | | &c. | |
| C | 2900 | 20 | | | | |
| C | 3000 | 21 | | | | |
| C | 3100 | 22 | | | | |
| B | 3200 | 22 | | | | |
| C | 3300 | 23 | | | | |
| C | 3400 | 24 | | | | |
| C | 3500 | 25 | | | | |
| B | 3600 | 25 | | | | |
| C | 3700 | 26 | | | | |
| C | 3800 | 27 | | | | |
| C | 3900 | 28 | | | | |
| B | 4000 | 28 | | | | |

Supponitur intercalatio facta Annis ante, & porrò semper prout iusserat Iulius Cæsar, dissimulato hoc Anno Confusionis, & errore Priscorum in intercalando.

*TAB. 18. Cyclorum Solis.*

| | | | | |
|---|---|---|---|---|
| 28 | 1008 | 1960 | 2968 | 3976 |
| 56 | 1036 | 1988 | 2996 | 4004 |
| 84 | 1064 | 2016 | 3024 | 4032 |
| 112 | 1092 | 2044 | 3052 | 4060 |
| 140 | 1120 | 2072 | 3080 | 4088 |
| 168 | 1148 | 2100 | 3108 | 4116 |
| 196 | 1176 | 2128 | 3136 | 4144 |
| 224 | 1204 | 2156 | 3164 | 4172 |
| 252 | 1232 | 2184 | 3192 | 4200 |
| 280 | 1260 | 2212 | 3220 | 4228 |
| 308 | 1288 | 2240 | 3248 | 4256 |
| 336 | 1316 | 2268 | 3276 | 4284 |
| 364 | 1344 | 2296 | 3304 | 4312 |
| 392 | 1372 | 2324 | 3332 | 4340 |
| 420 | 1400 | 2352 | 3360 | 4368 |
| 448 | 1428 | 2380 | 3388 | 4396 |
| 476 | 1456 | 2408 | 3416 | 4424 |
| 504 | 1484 | 2436 | 3444 | 4452 |
| 532 | 1512 | 2464 | 3472 | 4480 |
| 560 | 1540 | 2492 | 3500 | 4508 |
| 588 | 1568 | 2520 | 3528 | 4536 |
| 616 | 1596 | 2548 | 3556 | 4564 |
| 644 | 1624 | 2576 | 3584 | 4592 |
| 672 | 1652 | 2604 | 3612 | 4620 |
| 700 | 1680 | 2632 | 3640 | 4648 |
| 728 | 1708 | 2660 | 3668 | 4676 |
| 756 | 1736 | 2688 | 3696 | 4704 |
| 784 | 1764 | 2716 | 3724 | 4732 |
| 812 | 1792 | 2744 | 3752 | 4760 |
| 848 | 1820 | 2772 | 3780 | 4788 |
| 868 | 1848 | 2800 | 3808 | 4816 |
| 896 | 1876 | 2828 | 3836 | 4844 |
| 924 | 1904 | 2856 | 3864 | 4872 |
| 952 | 1932 | 2884 | 3892 | 4900 |
| 980 | | 2912 | 3920 | Cycli sũt |
| | | 2940 | 3948 | 175 |

*TAB. 19. Hebdomatica Feriarum.*

| I | II | III | IV | V | VI | VII |
|---|---|---|---|---|---|---|
| Κυριακὴ. | Δευτέρα. | Τρίτη. | Τετρὰς. | Πέμπτη. | Παρασκευὴ. | Σάββατον. |
| ☉ | ☽ | ♂ | ☿ | ♃ | ♀ | ♄ |
| Iunius | Septembr. | April. | | 1 | 2 | 3 |
| 4 | Decemb. | 5 | 6 | 7 | 8 | Martius |
| 9 | 10 | 11 | 12 | Maius | 13 | 14 |
| 15 | 16 | Iulius | 17 | 18 | 19 | 20 |
| Febr. seq. | 21 | 22 | 23 | 24 | August. | 25 |
| 26 | 27 | 28 | Octob. | Ianu. seq. | | Nouemb. |

*TAB. 20. Feriarum in Anno Arabico vago Hegirę.*

| I | II | III | IV | V | VI | VII |
|---|---|---|---|---|---|---|
| | 180 | | 150 | | 120 | |
| 90 | | 60 | | 30 | | 0 |
| | 2 | | | 1 | | Muchar- |
| 5 | Sephar | Rabie I | 4 | Rab- | | ram. 3 |
| | | 7 | | ie II | 6 | |
| | 10 | | | 9 | Giuma- | 8 |
| 13 | | | 12 | | di I. II | |
| Giuma- | Regeb | 15 | | | 14 | |
| di II | 18 | | Sahaben | 17 | | 16 |
| 21 | | | 20 | Rama- | 19 | Scheual |
| Dulka- | | 23 | | dhen | 22 | |
| dati | 26 | | | 25 | | 24 |
| 29 | | Dulha- | 28 | | 27 | |
| | | cati | | 30 curr. | | |

| Ciclus Arabicus | |
|---|---|
| 210 | 0 |
| 420 | 0 |
| 630 | 0 |
| 840 | 0 |
| 1050 | 0 |
| 1260 | 0 |
| 1470 | 0 |
| 1680 | 0 |
| 1890 | 0 |
| 2100 | 0 |

TAB. 21.

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## TAB. 21. *Annorum Collectorum, & Mensium Diuersarum Nationum.*

| Romanorum Iulianorum. Anni | | | | | | Dies Collecti Mensium Com. | | Bissext. | Menses Macedonum, & Antiochen. | Athenienſium Menses inconſtantiores. | Græcorũ Menſium aliæ appellationes. | | Syrorum, & Iudæorum menses. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 365 | | | Ianuar. | 31 | 31 | Αὐδυναῖος | Γαμηλιών | Αἰγών | ♑ | *Canum II. Thebet* |
| 2 | | | 730 | | | Februar. | 59 | 60 | Περίτιος | Ανθεστηριών | Ὑδρών | ♒ | *Schebat* |
| 3 | | | 1095 | | | Martius | 90 | 91 | Δύστρος | Ελαφηβολιών | Ἰχθυών | ♓ | *Adar* |
| — | — | — | — | — | — | Aprilis | 120 | 121 | Ξανθικὸς | Μουνυχιών | Κριών | ♈ | *Nisan* |
| 4 | 0 | 0 | 1461 | 0 | 0 | Maij | 151 | 152 | Αρτεμίσιος | Θαργηλιών | Ταυρών | ♉ | *Iiar* |
| 8 | 0 | 0 | 2922 | 0 | 0 | Iunij | 181 | 182 | Δαίσιος | Σκιροφοριών | Διδυμών | ♊ | *Haziran. Siuan* |
| 12 | 0 | 0 | 4383 | 0 | 0 | Iulij | 212 | 213 | Πάνημος | Εκατομβαιών | Καρκινών | ♋ | *Tamuz* |
| 16 | 0 | 0 | 5844 | 0 | 0 | August. | 243 | 244 | Λῶος | Μεταγειτνιών | Λεοντών | ♌ | *Ab* |
| 20 | 0 | 0 | 7305 | 0 | 0 | Septemb. | 273 | 274 | Γορπιαῖος | Βοηδρομιών | Παρθενών | ♍ | *Ilacs* |
| 24 | 0 | 0 | 8766 | 0 | 0 | Octob. | 304 | 305 | Υπερβερεταῖος | Μαιμακτηριών | Ζυγών | ♎ | *Tisrin I.* (*uan* |
| 28 | 0 | 0 | 10277 | 0 | 0 | Nouembr. | 334 | 335 | Δῖος | Πυανεψιών | Σκορπιών | ♏ | *Tisrin II. Marchesf.* |
| 32 | 0 | 0 | 11688 | 0 | 0 | Decemb. | 365 | 366 | Απελλαῖος | Ποσειδεών | Τοξών | ♐ | *Canum I. Caslea* |
| 36 | 0 | 0 | 13149 | 0 | 0 | | | | | | | | |
| 49 | 0 | 0 | 14610 | 0 | 0 | | | | | | | | |

Syrorum, Iudæorum, ac Macedonum Menses, quidam ineunt à ſeptimis diebus Iulianorum Menſium Athenienſes, & Græcorum Menſes potiori ſui parte concurrunt cum Iulianis Menſibus è regione notatis.

| Ægyptiorum, & Perſarum. Anni Collecti. | | | | Dies Annorum Collecti. | | | | Dies Collecti Menſium Ægyptiorum. | | Dies Collecti Menſium Perſicorum. | | Menses 30. dierum, & horum initia in Alexandrini Hodierni. | Coptitarum, & Abiſſin. | Anno Iulian. Biſſextil. Comm. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 0 | 0 | 365 | 0 | 0 | 0 | *Thoth* D. | 30 | *Pharuardin* | 30 | *Thuth* | *Maſcaram* | Aug. | 30 | 29 |
| 2 | 0 | 0 | 0 | 730 | 0 | 0 | 0 | *Paophi* | 60 | *Artipeheſt* | 60 | *Pape* | *Tikmith* | Sept. | 29 | 28 |
| 3 | 0 | 0 | 0 | 1095 | 0 | 0 | 0 | *Athyr* | 90 | *Chortat* | 90 | *Hathur* | *Hagar* | Octob. | 29 | 28 |
| 4 | 0 | 0 | 0 | 1460 | 0 | 0 | 0 | *Chœac* | 120 | *Tyrma* | 120 | *Chiac* | *Tachſam* | Nouemb. | 28 | 27 |
| 5 | 0 | 0 | 0 | 1825 | 0 | 0 | 0 | *Tybi* | 150 | *Mertat* | 150 | *Tube* | *Tsr* | Decemb. | 28 | 27 |
| 6 | 0 | 0 | 0 | 2190 | 0 | 0 | 0 | *Mechir* | 180 | *Sacheriur* | 180 | *Amſchir* | *Iachathiib* | Ianuar. | 27 | 26 |
| 7 | 0 | 0 | 0 | 2555 | 0 | 0 | 0 | *Phamenoth* | 210 | *Mecherma* | 210 | *Parmahath* | *Magalith* | Februar. | 26 | 25 |
| 8 | 0 | 0 | 0 | 2920 | 0 | 0 | 0 | *Pharmuthi* | 240 | *Apanma* | 245 | *Parmude* | *Miazia* | Mart. | 27 | 27 |
| 9 | 0 | 0 | 0 | 3285 | 0 | 0 | 0 | *Pachon* | 270 | *cum Vuahak* | | *Paſchunes* | *Ginboth* | April. | 26 | 26 |
| 10 | 0 | 0 | 0 | 3650 | 0 | 0 | 0 | *Paymi* | 300 | *Aderma* | 275 | *Paune* | *Sene* | Maij | 26 | 26 |
| | | | | | | | | *Epephi* | 330 | *Dima* | 305 | *Epip* | *Hamle* | Iunij | 25 | 25 |
| | | | | | | | | *Meſori* | 360 | *Pectnan* | 335 | *Muſri* | *Nahaſe* | Iulij | 25 | 25 |
| | | | | | | | | Epagomenę | 365 | *Aſphandar* | 365 | *Elniſi* | *Pagomen* | August. | 24 | 24 |
| | | | | | | | | | | Vuahak ſignificat additionem dier. 5. | | | | | | |

| Arabicorum Hegiræ Annorum dies collecti. Anni | Dies | Anni | Dies | Anni | | | | Arabicorum Menſium Dies collecti. | | Menses inibãt Anno 1. Hegiræ. | | Armenorum Menſes Dierum 30. | Ineunt in Iuliano. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 354 | 16 | 5670 | 30 | 0 | 10631 | 0 | *Muharram* | 30 | 16 Iulij | Anno Chr. 622. | *Nauazard* | Aug. | 11 |
| 2 | 709 | 17 | 6024 | 60 | 0 | 21262 | 0 | *Sephar* | 59 | 15 Aug. | | *Hori* | Sept. | 10 |
| 3 | 1063 | 18 | 6378 | 90 | 0 | 31893 | 0 | *Rabie I.* | 89 | 13 Sept. | | *Sahmi* | Octob. | 10 |
| 4 | 1417 | 19 | 6733 | 120 | 0 | 42524 | 0 | *Rabie II.* | 118 | 13 Octob. | | *Dre Theri* | Nou. | 9 |
| 5 | 1772 | 20 | 7087 | 150 | 0 | 53115 | 0 | *Giumadi I.* | 148 | 11 Nou. | | *Kagots* | Dec. | 9 |
| 6 | 2126 | 21 | 7442 | 180 | 0 | 63786 | 0 | *Giumadi II.* | 177 | 11 Dec. | | *Aracz* | Ianu. | 8 |
| 7 | 2480 | 22 | 7796 | 210 | 0 | 74417 | 0 | *Regeb* | 207 | | | *Mahegi* | Febr. | 7 |
| 8 | 2835 | 23 | 8150 | 240 | 0 | 85048 | 0 | *Sahaben* | 236 | 9 Ian. | 623. | *Arcki* | Mart. | 9 |
| 9 | 3189 | 24 | 8505 | 270 | 0 | 95679 | 0 | *Ramadhan* | 266 | 8 Febr. | | *Ahgi. Abeli* | April. | 8 |
| 10 | 3544 | 25 | 8859 | 300 | 0 | 106310 | 0 | *Sheual* | 295 | 9 Mart. | | *Mariri* | Maij | 8 |
| 11 | 3898 | 26 | 9213 | | | | | *Dulkadate* | 325 | 8 April. | | *Marcacz* | Iunij | 7 |
| 12 | 4252 | 27 | 9568 | | | | | *Dulhaiati* | 354 | 7 Maij | | *Herodicz* | Iulij | 7 |
| 13 | 4607 | 28 | 9922 | | | | | in Anno abundanti | 355 | 7 Iunij | | *Aieliacz* intercalar. | August. | 6 |
| 14 | 4961 | 29 | 10272 | | | | | | | | | | | |
| 15 | 5315 | 30 | 10631 | | | | | | | | | | | |



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*TAB. 22. Synopsis Epocharum Insigniorum ineuntium Anno ante, vel post Epocham vulgarem Christi in sinistro margine, notato.*

| Anni ante Christum | |
|---|---|
| 5509 | MVNDI, initium *Cal. Septembris*, secundum Græcos, in Patriarchatu Constantinopolitano, & hunc annum illi statuunt primum Indictionum quindecennalium. |
| 4713 | IVLIANA Periodus ex Græcis desumpta, à Iosepho Scaligero, quæ annis constat 7980. ductis enim 28. Cycli Solis per 19. Cyclum Lunæ; fiunt anni 532. & his ductis per 15. Cyclum Indictionum, fiunt 7980. hoc autem Anno erat primus cuiusuis horum Cyclorum Annus. Quare Anno primo Epochæ Christianæ erat Periodi Iulianæ 4714. & Cyclus Solis erat 10. Lunæ 2. Indictionis Romanæ 4. |
| 776 | OLIMPIADIS primæ Annus primus, quo Corœbus Elidensis primus in Catalogum Olympionicarum relatus est, esto antea Iphitus Olympicos ludos intermissos instauraſſet. Athenienses autem hos annos inibant à Nouilunio propiore Solstitio Æstiuo, nempe à die aliquo Iunij, aut Iulij, esto alij aliter. Erat Iulianæ Periodi Annus 3938. Cyclus ☼ 18. Lunæ 5. Indictio 8. |
| 753 | ROMA VRBS Condita *Palilib.* seu 21. Aprilis, sic de hoc Anno Varro, Censorinus, & pleriq; eruditorum, ipsiq; Imperatores in ludis secularibus. Esto condita Vrbs putetur Anno 752. ante Christi Epocham, iuxta Catonem, Tarruntium, Fastos Capitolinos, & paucos alios. Erat porrò Annus 753. prędictus Olympiadis 6. Annus tertius, nondum completus, & Periodi Iulianæ 3961. Cyclus ☼ 13. ☾ 9. Indictionis 1. |
| 747 | NABONASSARI, Anni incipiunt Astronomicè à Meridie diei 26. Februarij, vnde init prima dies Mensis Thoth in Anno Ægyptio constante diebus 365. cuius initium completis Annis 1460. qui est *Magnus Annus Canicularis*, seu *Periodus Sothiaca*; Anno 1461. reuertitur ad eundem eiusdem Mensis Iuliani diem. Erat Periodi Iulianæ Annus 3967. feria 4. Cyclus ☼ 19. Lunæ 15. Indictionis 7. Vrbis conditæ 6. adhuc currens. |
| 529 | CAMBYSES I. Cyri filius regnare cœpit Anno Nabonassari 219. qui Ægyptijs iniuit 4. Ianuarij. |
| 433 | METON à die 26. Iunij Cyclum suum decennouenalem exorsus est, licet cum Euctemone Solstitium, ad illum Cyclum statuendum obseruarit Anno ante Christum 432. Iunij 27. |
| 330 | CALIPPICÆ Periodi constantis Annis 76. principium à Solstitio Æstiuo Græcanicè, sed Ægyptiace à 15. Nouembris, qua iniuit tunc Annus 419. Nabonassari, *Secunda* verò Calippi Periodus iniuit Anno ante Christum 254. & *Tertia* Anno 178. |
| 324 | ALEXANDRI Magni mors, Anno Periodi Iulianæ 4390. & Nabonassari 424. completo, & ineunte 425, à Meridie diei 12. Nouembris. Ægyptij enim cum Ptolemæo, & Theone, & cum his Albategnius indidem exordiuntur Annos Alexandri, & Ægyptios Nabonassari, Esto Alexander M. mortuus sit, præcedente Maio, vel Iunio. |
| 312 | SEVLEVCIDARVM Aera incipit, seu *Græcorum* dicta, seu *Contractuum*; seu Alexandri *Dhilkarnayn*, hoc est Regni Alexandri diuisi in duo Magna Cornua Seleuci scili- |

| Anni ante Christum | |
|---|---|
| | cet in Asia minore; & Ptolemæi in Ægypto regnare incipientium. Hanc Epocham in rebus Iudaicis adhibet Historia Machabeorum Lib. 1. & exorditur eam à Nisan, seu Veris initio. Sed Lib. 2. in rebus Græcorum eam orditur ab Autumno, seu Idibus Octobris, & hac vsi sunt Antiocheni, immò, & Arabes post Christum, sed à Calendis Octobris Anni Iuliani. At Chaldæi eam anno sequenti ab Idibus Octobris inibant. |
| 311 | |
| 285 | DIONYSII Mathematici Anni apud Ptolemæum incipiunt die 27. Iunij. |
| 45 | IVLIANORVM Annorum, idest à Iulio Cęsare ordinatorum post cōfusionis Annum, primus hic est, à Calendis Ianuarij feria 6. iuxta Augusti correctionem retro extensam. |
| 38 | AVGVSTI Aera Hispanica à Calendis Ianuarij inita, & in Concilijs vsitata. |

| Christi Anni | |
|---|---|
| | Annus primus in Kalendario Romano incipit à Circuncisione Domini, seu à Kalendis Ianuarij, & Ecclesiasticè quidem à media nocte præcedente cum Romanis antiquis, & Prutenicis Tabulis. At in Nostris hisce Tabulis, vt & in Mediceis, & in Magino initur à Meridie vltimo Decembris præcedenti; in Rudolphinis autem, Danicis, Tychonicis, Philolaicis à Meridie ipso primi diei Ianuarij. Ciuiliter autem alij à Natiuitate, alij ab Annuntiatione, alij aliter; de quo plura in nostra Chronologia Reformata. |
| | Primus autem CHRISTIANÆ Epochæ Annus erat *Periodi Iulianæ* 4714. Cyclo Solis 10. Lunæ 2. Indictione Romana 4. Idemq; erat *Iulianorum* Annorum 46. & à Kalendis Ianuarij vsq; ad 21. Aprilis, concurrebat cum *Vrbis* conditæ Anno Varroniano 753. postea verò cum 754. præterea ante Nouilunium proximum Solstitio Æstiuo concurrebat cum *Olympiadis* 194. anno 4 deinceps autem cum Olympiadis 195. anno 1. Denique vsq; ad Augusti 23. Meridiem exclusiuè concurrebat cum *Nabonassari* Anno 748. & *Alexandri* Magni 324. deinceps autem cum Nabonassari Anno 749. & Alexandri M. 325. |
| 28 | VICTORIS Capuani Cyclus Paschalis, ab Octobri huius Anni incipit. |
| 81 | DOMITIANI Annus 1. à die 13. Septembris. |
| 96 | NERVÆ. Annus 1. ex die 19. Septembris, vt in nostra Chronologia Reformata. |
| 98 | TRAIANI. Annus 1. à die 10. Ianuarij. |
| 117 | ADRIANI. Annus 1. à die Iulij 24. in Meridie sequenti 25. |
| 137 | ANTONINI. Annus 1. à die 10. Iulij sequente 11. |
| 222 | HIPPOLYTI. Cyclus Paschalis init à Kal. Ianuar. |
| 238 | CENSORINVS hoc Anno scribēs ad Q. Cerellium, aureum libellum de Die Natali hunc Annum illustrat insignibus Epochis, aitq; esse Iulianum 283. à Kalendis Ianuarij, vnde inierat Consulatus *Vlpij*, & *Pontiani*, ab Olympiade autem prima M.XIV. initum æstate huius Anni ab Agone Olympico; & *Vrbis* conditæ 991. initum à Palilibus huius Anni, idest à die 21. Aprilis, & Nabonassari Annum 986. initum huius |

Anni

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| Anni Christi | |
|---|---|
| | Anni die antecedente VI. Kalendas Iulias, idest à Meridie diei 25. Iunij, vnde addit iniuisse Alexandri Magni Annum 562. sic enim habent emendati codices: Erat Iulianæ Periodi Annus 4951. |
| 284 | DIOCLETIANI Annus 1. à die 29. Augusti Cyclo ☼ 13. Lunæ 19. Indictione 2. Hinc ineunt Cycli Paschales *Dionysij Alexandrini*, & Anni Diocletianæi, seu *Aeræ Martyrum*, itemque *Elkupti*, seu *Coptitarum*, necnon *Abassinorum*, licet Ecclesia Alexandrina pro Capite Aeræ Martyrum elegerit Calendas Aprilis Anni 285. qui erat tunc Mensis Paschalis. |
| 312 | INDICTIONES Constantini in Curijs Imperatorum vsurpatæ incipiunt à die 25. Septembris. Græci autem Imperatores, & Ecclesia Constantinopolit. à Calendis Septembris. |
| 313 | At Romana Ecclesia, eiusq; Pontifices, à Kalendis Ianuarij Anni 313. Et Ignatius Patriarcha Antiochenus à Calendis Maij, seu Artemisij Anni item 313. |
| 552 | ARMENORVM Aera incipit ab Augusti Mensis II. quorum Menses sunt Persici, sed fixi, & Intercalatio merè Romana. |
| 622 | HEGIRÆ, seu Mahometicæ fugæ ex Meccha Annus hic primus Lunarium repedantium, iniuitq; die 16. Iulij Feria 6. Cyclo Solis 23. Lunæ 15. Indictione Romana 10. |

| Anni Christi | |
|---|---|
| | Periodi Iulianæ Anno 5335. currente adhuc Nabonassari 1370. vt pote inito die 21. Martij. Vtuntur hac Aerâ Mahometani, Arabes, Turcæ, esto alia secta Arabum, quam sequuntur Alphonsini, ponat Hegirę initium Iulij 15. Chœac 27. Feria 5. |
| 632 | IESDAGIRDIS Persarum Regis, die Iunij 16. vnde Persica Aera initur, vtiturq; Anno vago, & repedante instar Ægyptij anni. |
| 800 | CAROLVS Magnus Imperator incipit. |
| 1079 | GELALÆA Persarum Epocha à restituto Anno per Æquinoctium obseruatum 14. Martij. |
| 1453 | CONSTANTINOPOLIS Capta feria 2. Pentecostes à Mahumede Othomanico die 29. Maij, vnde Imperij Othomanici exordium. |
| 1582 | GREGORIANA Kalendarij correctio absoluta, promulgata, & acceptata à maxima parte Orbis Christiani, cuius Anni dies 5. Octobris, dicta fuit 15. Erat Annus Iulianæ Periodi 6295. |
| | Reliquas Epochas, & præcedentium vberiorem tractationem, & confirmationem, vide in nostra *Chronologia Reformata*, si Deo dante in lucem prodierit, in cuius manibus sunt *Anni*, tam *Temporales*, quàm ÆTERNI; ipsi Gloria in sæcula sæculorum. *Amen*. |

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*TAB. 23. Nabonassari Anni Incipientes Anno ante, vel post Epocham CHRISTI, dieq; Mensis Iuliani, aut Gregoriani infranotato.*

| Anni Nabonassari | Anni ante Christũ. | Initium Mensis Thoth | Anni Nabonass. | Anni Epochæ Christi | Initium Mensis Thoth |
|---|---|---|---|---|---|
| 1 | 747 | Febr. 26 | 1324 | B. 576 | April. 1 |
| 2 | 746 | 26 | 1327 | 579 | April. 1 |
| 3 | B. 745 | 25 | 1328 | B. 580 | Mart. 31 |
| 4 | 744 | 25 | 1448 | B. 700 | Mart. 1 |
| 5 | 743 | 25 | 1451 | 703 | Mart. 1 |
| 6 | 742 | 25 | 1452 | B. 704 | Febr. 28 |
| 7 | B. 741 | *poste-* 24 | 1467 | 719 | Febr. 25 |
| 8 | 740 | *rior* 24 | 1468 | B. 720 | *poster.* 24 |
| 9 | 739 | 24 | 1469 | 721 | 24 |
| 10 | 738 | 24 | 1470 | 722 | 24 |
| 11 | B. 737 | *prior* 24 | 1471 | 723 | 24 |
| 12 | 736 | 23 | 1472 | B. 724 | *prior.* 24 |
| 99 | B. 649 | Febr. 2 | 1473 | 725 | 23 |
| 100 | 648 | Febr. 1 | 1561 | 813 | Febr. 1 |
| 103 | B. 645 | Febr. 1 | 1564 | B. 816 | Febr. 1 |
| 104 | 644 | Ian. 31 | 1569 | 817 | Ian. 31 |
| 223 | B. 525 | Ian. 2 | 1685 | 837 | Ian. 1 |
| 224 | 524 | Ian. 1 | 1688 | B. 940 | Ian. 1 |
| 227 | B. 521 | Ian. 1 | 1689 | idẽ 940 | Dec. 31 |
| 228 | idẽ 521 | Dec. 31 | 1809 | B. 1060 | Dec. 1 |
| 229 | 520 | 31 | 1812 | 1063 | Dec. 1 |
| 230 | 519 | 31 | 1813 | B. 1064 | Nou. 30 |
| 231 | 518 | 31 | 1929 | B. 1180 | Nou. 1 |
| 232 | B. 517 | 30 | 1932 | 1183 | Nou. 1 |
| 348 | B. 401 | Dec. 1 | 1933 | B. 1184 | Oct. 31 |
| 351 | 398 | Dec. 1 | 2053 | B. 1304 | Oct. 1 |
| | | | 2056 | 1307 | Oct. 1 |
| 352 | 397 | Nou. 30 | | | |
| 468 | 281 | Nou. 1 | 2057 | B. 1308 | Sept. 30 |
| 471 | 278 | Nou. 1 | 2173 | B. 1424 | Sept. 1 |
| 472 | B. 277 | Oct. 31 | 2176 | 1427 | Sept. 1 |
| 592 | B. 157 | Oct. 1 | 2177 | B. 1428 | Aug. 31 |
| 595 | 154 | Oct. 1 | 2297 | B. 1548 | Aug. 1 |
| 596 | B. 153 | Sept. 30 | 2300 | 1551 | Aug. 1 |
| 712 | B. 37 | Sept. 1 | 2301 | B. 1552 | Iul. 31 |
| 715 | 34 | Sept. 1 | 2329 | B. 1580 | Iul. 24 |
| | | | 2330 | 1581 | Iul. 24 |
| 716 | B. 33 | Aug. 31 | 2331 | 1582 | Iul. 24 |
| 744 | B. 5 | 24 | | Stylo | Veteri / Gregor. |
| 745 | 4 | 24 | | | |
| 746 | 3 | 24 | 2332 | 1583 | Iul. 24 / Aug. 3 |
| 747 | 2 | 24 | 2333 | B. 1584 | Iul. 23 / Aug. 2 |
| 748 | B. 1 | 23 | 2337 | B. 1588 | Iul. 22 / Aug. 1 |
| | | | 2341 | B. 1592 | Iul. 21 / Iul. 31 |
| Nabonass. | Anni Christi | Initium Thoth | 2345 | B. 1596 | Iul. 20 / Iul. 30 |
| | | | 2349 | B. 1600 | Iul. 19 / Iul. 29 |
| | | | 2421 | B. 1672 | Iul. 1 / Iul. 11 |
| 749 | 1 | Aug. 23 | 2424 | 1675 | Iul. 1 / Iul. 11 |
| 750 | 2 | 23 | | | |
| 751 | 3 | 23 | 2425 | B. 1676 | Iun. 30 / Iul. 10 |
| 752 | B. 4 | 22 | 2448 | 1699 | Iun. 25 / Iul. 5 |
| 836 | B. 88 | Aug. 1 | 2449 | B. 1700 | Iun. 24 / Iul. 5 |
| 839 | 91 | Aug. 1 | 2465 | B. 1716 | Iun. 20 / Iul. 1 |
| 840 | B. 92 | Iulij 31 | 2468 | 1719 | Iun. 20 / Iul. 1 |
| 960 | B. 212 | Iul. 1 | 2469 | B. 1720 | Iun. 19 / Iun. 30 |
| 963 | 215 | Iul. 1 | 2544 | 1795 | Iun. 1 / Iun. 12 |
| 984 | 216 | Iunij 30 | 2545 | B. 1796 | Maij 31 / Iun. 11 |
| 985 | B. 236 | Iun. 25 | 2548 | 1799 | Maij 31 / Iun. 11 |
| 986 | ✠ 237 | 25 | | | |
| 987 | 238 | 25 | 2549 | B. 1800 | Maij 30 / Iun. 11 |
| 988 | 239 | Iun. 25 | 2589 | B. 1840 | Maij 20 / Iun. 1 |
| 1080 | B. 240 | Iun. 24 | 2593 | B. 1844 | Maij 19 / Maij 31 |
| 1083 | B. 332 | Iun. 1 | 2649 | B. 1900 | Maij 5 / Maij 18 |
| 1084 | 335 | Iun. 1 | 2665 | B. 1916 | Maij 1 / Maij 14 |
| 1204 | B. 336 | Maij 31 | 2669 | B. 1920 | April. 30 / Maij 13 |
| 1207 | 456 | Maij 1 | 2717 | B. 1968 | April. 18 / Maij 1 |
| 1208 | 459 | Maij 1 | 2721 | B. 1972 | April. 17 / April. 30 |
| | B. 460 | April. 30 | 2749 | B. 2000 | April. 10 / April. 23 |
| | | | 2785 | B. 2036 | April. 1 / April. 14 |

| Anni Nabonassari | Anni Epochæ Christi | Initium Thoth stylo Veteri | Gregor. |
|---|---|---|---|
| 2789 | B. 2040 | Mart. 31 | April. 13 |
| 2737 | B. 2088 | Mart. 19 | April. 1 |
| 2841 | B. 2092 | Mart. 18 | Mart. 31 |
| 2849 | B. 2100 | Mart. 16 | Mart. 30 |
| 2909 | B. 2160 | Mart. 1 | Mart. 15 |
| 2913 | B. 2164 | Febr. 28 | Mart. 14 |
| 2917 | B. 2168 | Febr. 27 | Mart. 13 |
| 2921 | B. 2172 | Febr. 26 | Mart. 12 |
| 2925 | B. 2176 | Febr. 25 | Mart. 11 |
| 2929 | B. 2180 | *poster.* 24 | Mart. 10 |
| 2930 | 2181 | Febr. 24 | Mart. 10 |
| 2931 | 2182 | Febr. 24 | Mart. 10 |
| 2932 | 2183 | Febr. 24 | Mart. 10 |
| 2933 | B. 2184 | *prior* 24 | Mart. 9 |
| 2934 | 2185 | Febr. 23 | Mart. 9 |
| 2935 | 2186 | Febr. 23 | Mart. 9 |
| 2936 | 2187 | Febr. 23 | Mart. 9 |
| 2937 | B. 2188 | Febr. 23 | Mart. 9 |
| 2938 | 2189 | Febr. 22 | Mart. 8 |
| 2942 | 2193 | Febr. 21 | Mart. 7 |
| 2945 | B. 2196 | Febr. 21 | Mart. 7 |
| 2946 | 2197 | Febr. 20 | Mart. 6 |
| 2947 | 2198 | Febr. 20 | Mart. 6 |
| 2948 | 2199 | Febr. 20 | Mart. 6 |
| 2949 | B. 2200 | Febr. 20 | Mart. 6 |
| 2950 | 2201 | Febr. 19 | Mart. 6 |
| 3144 | 2395 | Ianu. 2 | Ianu. 18 |
| 3145 | B. 2396 | Ianu. 2 | Ianu. 18 |
| 3146 | 2397 | Ianu. 1 | Ianu. 17 |
| 3147 | 2398 | Ianu. 1 | Ianu. 17 |
| 3148 | 2399 | Ianu. 1 | Ianu. 17 |
| 3149 | B. 2400 | Ianu. 1 | Ianu. 17 |
| 3150 | idẽ 2400 | Dec. 31 | Ianu. 16 |

Quoniam Anni Iuliani 1460. faciunt Ægyptios Annos 1461. & hac Periodo Anni Magni Canicularis, seu Sothiaci absolutâ, initium *Thoth* reuertitur ad eandem diem Anni Iuliani; idcirco ab Anno ante Christum 737. quo initium *Thoth* cadit in *Februarij Priorem* 24. mutatio diei Iulianæ non fit ipso Anno Bissextili, sed Anno 1. post Bissextilem, vsq; ad Annum ante Christum 521. quo duplex Nabonassari Annus incipit: ex inde enim fit mutatio ipso Anno Bissextili, vsque ad Annum Christi 724. quo rursùs reuertitur initium *Thoth* ad *Februarij* 24. *priorem*: Exinde enim rursùs mutatio fit semper primo die post Bissextilem, & ita vsq; ad Annum Christi 940.
C quo iterum duplex Nabonassari Annus incipit. Hinc porrò fit mutatio ipso Anno Bissextili, & ita deinceps vsq; ad Annum Christi 2184. quo initium *Thoth* tertiâ vice redit ad *Februarij* 24. *priorem*. Inde
C autem mutatio fit Anno primo post Bissextilem, vsq; ad Annum Christi 2400. quo tertia vice duplex Annus Nabonassari incipit, & inde mutatio diei facienda erit ipso
G Anno Bissextili, sed tandiune Mundus durabit?

*Deus nouit.*

SECVNDA PARS TABVLARVM EX PRIMO MOBILI SELECTARVM.



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*TAB. 24. Conuersio Graduum Signorum in Gradus Zodiaci.*

| | ♈ | ♉ | ♊ | ♋ | ♌ | ♍ | ♎ | ♏ | ♐ | ♑ | ♒ | ♓ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | I | II | III | IV | V | VI | VII | VIII | IX | X | XI | XII |
| | G. | G. | G. | Gr. | Gr. | Gr. | Gr. | Gr. | Gr. | Gr. | Gr. | Gr. |
| 1 | 1 | 31 | 61 | 91 | 121 | 151 | 181 | 211 | 241 | 271 | 301 | 331 |
| 2 | 2 | 32 | 62 | 92 | 122 | 152 | 182 | 212 | 242 | 272 | 302 | 332 |
| 3 | 3 | 33 | 63 | 93 | 123 | 153 | 183 | 213 | 243 | 273 | 303 | 333 |
| 4 | 4 | 34 | 64 | 94 | 124 | 154 | 184 | 214 | 244 | 274 | 304 | 334 |
| 5 | 5 | 35 | 65 | 95 | 125 | 155 | 185 | 215 | 245 | 275 | 305 | 335 |
| 6 | 6 | 36 | 66 | 96 | 126 | 156 | 186 | 216 | 246 | 276 | 306 | 336 |
| 7 | 7 | 37 | 67 | 97 | 127 | 157 | 187 | 217 | 247 | 277 | 307 | 337 |
| 8 | 8 | 38 | 68 | 98 | 128 | 158 | 188 | 218 | 248 | 278 | 308 | 338 |
| 9 | 9 | 39 | 69 | 99 | 129 | 159 | 189 | 219 | 249 | 279 | 309 | 339 |
| 10 | 10 | 40 | 70 | 100 | 130 | 160 | 190 | 220 | 250 | 280 | 310 | 340 |
| 11 | 11 | 41 | 71 | 101 | 131 | 161 | 191 | 221 | 251 | 281 | 311 | 341 |
| 12 | 12 | 42 | 72 | 102 | 132 | 162 | 192 | 222 | 252 | 282 | 312 | 342 |
| 13 | 13 | 43 | 73 | 103 | 133 | 163 | 193 | 223 | 253 | 283 | 313 | 343 |
| 14 | 14 | 44 | 74 | 104 | 134 | 164 | 194 | 224 | 254 | 284 | 314 | 344 |
| 15 | 15 | 45 | 75 | 105 | 135 | 165 | 195 | 225 | 255 | 285 | 315 | 345 |
| 16 | 16 | 46 | 76 | 106 | 136 | 166 | 196 | 226 | 256 | 286 | 316 | 346 |
| 17 | 17 | 47 | 77 | 107 | 137 | 167 | 197 | 227 | 257 | 287 | 317 | 347 |
| 18 | 18 | 48 | 78 | 108 | 138 | 168 | 198 | 228 | 258 | 288 | 318 | 348 |
| 19 | 19 | 49 | 79 | 109 | 139 | 169 | 199 | 229 | 259 | 289 | 319 | 349 |
| 20 | 20 | 50 | 80 | 110 | 140 | 170 | 200 | 230 | 260 | 290 | 320 | 350 |
| 21 | 21 | 51 | 81 | 111 | 141 | 171 | 201 | 231 | 261 | 291 | 321 | 351 |
| 22 | 22 | 52 | 82 | 112 | 142 | 172 | 202 | 232 | 262 | 292 | 322 | 352 |
| 23 | 23 | 53 | 83 | 113 | 143 | 173 | 203 | 233 | 263 | 293 | 323 | 353 |
| 24 | 24 | 54 | 84 | 114 | 144 | 174 | 204 | 234 | 264 | 294 | 324 | 354 |
| 25 | 25 | 55 | 85 | 115 | 145 | 175 | 205 | 235 | 265 | 295 | 325 | 355 |
| 26 | 26 | 56 | 86 | 116 | 146 | 176 | 206 | 236 | 266 | 296 | 326 | 356 |
| 27 | 27 | 57 | 87 | 117 | 147 | 177 | 207 | 237 | 267 | 297 | 327 | 357 |
| 28 | 28 | 58 | 88 | 118 | 148 | 178 | 208 | 238 | 268 | 298 | 328 | 358 |
| 29 | 29 | 59 | 89 | 119 | 149 | 179 | 209 | 239 | 269 | 299 | 329 | 359 |
| 30 | 30 | 60 | 90 | 120 | 150 | 180 | 210 | 240 | 270 | 300 | 330 | 360 |

*TAB. 25. Gradus Zodiaci, & Signorum diametraliter oppositi.*

| Gr. | ♈ | ♎ | ♉ | ♏ | ♊ | ♐ | ♋ | ♑ | ♌ | ♒ | ♍ | ♓ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| cō. | G. | Gr. | G. | Gr. | G. | Gr. | Gr. | Gr. | Gr. | Gr. | Gr. | Gr. |
| 1 | 1 | 181 | 31 | 211 | 61 | 241 | 91 | 271 | 121 | 301 | 151 | 331 |
| 2 | 2 | 182 | 32 | 212 | 62 | 242 | 92 | 272 | 122 | 302 | 152 | 332 |
| 3 | 3 | 183 | 33 | 213 | 63 | 243 | 93 | 273 | 123 | 303 | 153 | 333 |
| 4 | 4 | 184 | 34 | 214 | 64 | 244 | 94 | 274 | 124 | 304 | 154 | 334 |
| 5 | 5 | 185 | 35 | 215 | 65 | 245 | 95 | 275 | 125 | 305 | 155 | 335 |
| 6 | 6 | 186 | 36 | 216 | 66 | 246 | 96 | 276 | 126 | 306 | 156 | 336 |
| 7 | 7 | 187 | 37 | 217 | 67 | 247 | 97 | 277 | 127 | 307 | 157 | 337 |
| 8 | 8 | 188 | 38 | 218 | 68 | 248 | 98 | 278 | 128 | 308 | 158 | 338 |
| 9 | 9 | 189 | 39 | 219 | 69 | 249 | 99 | 279 | 129 | 309 | 159 | 339 |
| 10 | 10 | 190 | 40 | 220 | 70 | 250 | 100 | 280 | 130 | 310 | 160 | 340 |
| 11 | 11 | 191 | 41 | 221 | 71 | 251 | 101 | 281 | 131 | 311 | 161 | 341 |
| 12 | 12 | 192 | 42 | 222 | 72 | 252 | 102 | 282 | 132 | 312 | 162 | 342 |
| 13 | 13 | 193 | 43 | 223 | 73 | 253 | 103 | 283 | 133 | 313 | 163 | 343 |
| 14 | 14 | 194 | 44 | 224 | 74 | 254 | 104 | 284 | 134 | 314 | 164 | 344 |
| 15 | 15 | 195 | 45 | 225 | 75 | 255 | 105 | 285 | 135 | 315 | 165 | 345 |
| 16 | 16 | 196 | 46 | 226 | 76 | 256 | 106 | 286 | 136 | 316 | 166 | 346 |
| 17 | 17 | 197 | 47 | 227 | 77 | 257 | 107 | 287 | 137 | 317 | 167 | 347 |
| 18 | 18 | 198 | 48 | 228 | 78 | 258 | 108 | 288 | 138 | 318 | 168 | 348 |
| 19 | 19 | 199 | 49 | 229 | 79 | 259 | 109 | 289 | 139 | 319 | 169 | 349 |
| 20 | 20 | 200 | 50 | 230 | 80 | 260 | 110 | 290 | 140 | 320 | 170 | 350 |
| 21 | 21 | 201 | 51 | 231 | 81 | 261 | 111 | 291 | 141 | 321 | 171 | 351 |
| 22 | 22 | 202 | 52 | 232 | 82 | 262 | 112 | 292 | 142 | 322 | 172 | 352 |
| 23 | 23 | 203 | 53 | 233 | 83 | 263 | 113 | 293 | 143 | 323 | 173 | 353 |
| 24 | 24 | 204 | 54 | 234 | 84 | 264 | 114 | 294 | 144 | 324 | 174 | 354 |
| 25 | 25 | 205 | 55 | 235 | 85 | 265 | 115 | 295 | 145 | 325 | 175 | 355 |
| 26 | 26 | 206 | 56 | 236 | 86 | 266 | 116 | 296 | 146 | 326 | 176 | 356 |
| 27 | 27 | 207 | 57 | 237 | 87 | 267 | 117 | 297 | 147 | 327 | 177 | 357 |
| 28 | 28 | 208 | 58 | 238 | 88 | 268 | 118 | 298 | 148 | 328 | 178 | 358 |
| 29 | 29 | 209 | 59 | 239 | 89 | 269 | 119 | 299 | 149 | 329 | 179 | 359 |
| 30 | 30 | 210 | 60 | 240 | 90 | 270 | 120 | 300 | 150 | 330 | 180 | 360 |

*TAB. 26. Decl. ☉, & Eclipt. ad Obliq. Gr. 23. 30'. 20".*

| | ♈ Bor. ♎ Austr. | | | ♉ Bor. ♏ Austr. | | | ♊ Bor. ♐ Austr. | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Gr. | Gr. | ′ | ″ | Gr. | ′ | ″ | Gr. | ′ | ″ | Gr. |
| 0 | 0 | 0 | 0 | 11 | 30 | 11 | 20 | 12 | 23 | 30 |
| 1 | 0 | 23 | 55 | 11 | 51 | 14 | 20 | 24 | 57 | 29 |
| 2 | 0 | 47 | 51 | 12 | 12 | 5 | 20 | 37 | 3 | 28 |
| 3 | 1 | 11 | 46 | 12 | 32 | 46 | 20 | 48 | 57 | 27 |
| 4 | 1 | 35 | 39 | 12 | 44 | 13 | 21 | 0 | 24 | 26 |
| 5 | 1 | 59 | 31 | 13 | 13 | 28 | 21 | 11 | 26 | 25 |
| 6 | 2 | 23 | 22 | 13 | 33 | 30 | 21 | 22 | 6 | 24 |
| 7 | 2 | 47 | 10 | 13 | 53 | 16 | 21 | 32 | 20 | 23 |
| 8 | 3 | 10 | 54 | 14 | 12 | 51 | 21 | 42 | 10 | 22 |
| 9 | 3 | 34 | 38 | 14 | 32 | 12 | 21 | 51 | 38 | 21 |
| 10 | 3 | 58 | 17 | 14 | 51 | 16 | 22 | 0 | 40 | 20 |
| 11 | 4 | 21 | 51 | 15 | 10 | 7 | 22 | 9 | 18 | 19 |
| 12 | 4 | 45 | 24 | 15 | 28 | 44 | 22 | 17 | 29 | 18 |
| 13 | 5 | 8 | 50 | 15 | 47 | 1 | 22 | 25 | 16 | 17 |
| 14 | 5 | 39 | 59 | 16 | 5 | 6 | 22 | 32 | 38 | 16 |
| 15 | 5 | 55 | 30 | 16 | 22 | 51 | 22 | 39 | 32 | 15 |
| 16 | 6 | 18 | 41 | 16 | 40 | 21 | 22 | 46 | 2 | 14 |
| 17 | 6 | 41 | 46 | 16 | 57 | 33 | 22 | 52 | 8 | 13 |
| 18 | 7 | 4 | 47 | 17 | 14 | 29 | 22 | 57 | 44 | 12 |
| 19 | 7 | 27 | 40 | 17 | 31 | 6 | 23 | 2 | 54 | 11 |
| 20 | 7 | 50 | 24 | 17 | 47 | 23 | 23 | 7 | 40 | 10 |
| 21 | 8 | 13 | 4 | 18 | 3 | 23 | 23 | 11 | 58 | 9 |
| 22 | 8 | 35 | 33 | 18 | 19 | 5 | 23 | 15 | 48 | 8 |
| 23 | 8 | 58 | 4 | 18 | 34 | 25 | 23 | 19 | 10 | 7 |
| 24 | 9 | 20 | 9 | 18 | 49 | 26 | 23 | 22 | 9 | 6 |
| 25 | 9 | 42 | 14 | 19 | 4 | 10 | 23 | 24 | 39 | 5 |
| 26 | 10 | 4 | 10 | 19 | 18 | 30 | 23 | 26 | 40 | 4 |
| 27 | 10 | 25 | 56 | 19 | 32 | 30 | 23 | 27 | 39 | 3 |
| 28 | 10 | 47 | 31 | 19 | 46 | 10 | 23 | 29 | 4 | 2 |
| 29 | 11 | 8 | 57 | 19 | 59 | 26 | 23 | 30 | 6 | 1 |
| 30 | 11 | 30 | 11 | 20 | 12 | 23 | 23 | 30 | 20 | 0 |
| Gr. | ♍ Bor. ♓ Austr. | | | ♎ Bor. ♒ Austr. | | | ♋ Bor. ♑ Austr. | | | |

*TAB. 27. Angulus Orientalis Eclipt. & Meridiani ad Obliquitatem Eclipt. Gr. 23. 30' ½.*

| | ♈ Boreal. ♎ Austr. | | ♉ Bor. ♏ Austr. | | ♊ Bor. ♐ Austr. | | |
|---|---|---|---|---|---|---|---|
| | Gr. | ′ | Gr. | ′ | Gr. | ′ | |
| 0 | 66 | 30 | 69 | 22 | 77 | 43 | 30 |
| 1 | 66 | 30 | 69 | 33 | 78 | 5 | 29 |
| 2 | 66 | 31 | 69 | 45 | 78 | 27 | 28 |
| 3 | 66 | 32 | 69 | 57 | 78 | 49 | 27 |
| 4 | 66 | 33 | 70 | 10 | 79 | 12 | 26 |
| 5 | 66 | 35 | 70 | 23 | 79 | 35 | 25 |
| 6 | 66 | 37 | 70 | 37 | 79 | 58 | 24 |
| 7 | 66 | 40 | 70 | 51 | 80 | 21 | 23 |
| 8 | 66 | 42 | 71 | 5 | 80 | 45 | 22 |
| 9 | 66 | 46 | 71 | 20 | 81 | 8 | 21 |
| 10 | 66 | 49 | 71 | 35 | 81 | 32 | 20 |
| 11 | 66 | 53 | 71 | 50 | 81 | 57 | 19 |
| 12 | 66 | 57 | 72 | 6 | 82 | 21 | 18 |
| 13 | 67 | 2 | 72 | 22 | 82 | 45 | 17 |
| 14 | 67 | 6 | 72 | 38 | 83 | 10 | 16 |
| 15 | 67 | 13 | 72 | 55 | 83 | 35 | 15 |
| 16 | 67 | 19 | 73 | 12 | 84 | 0 | 14 |
| 17 | 67 | 26 | 73 | 29 | 84 | 25 | 13 |
| 18 | 67 | 33 | 73 | 47 | 84 | 50 | 12 |
| 19 | 67 | 40 | 74 | 5 | 85 | 16 | 11 |
| 20 | 67 | 47 | 74 | 23 | 85 | 41 | 10 |
| 21 | 67 | 55 | 74 | 42 | 86 | 7 | 9 |
| 22 | 68 | 3 | 75 | 0 | 86 | 32 | 8 |
| 23 | 68 | 11 | 75 | 20 | 86 | 58 | 7 |
| 24 | 68 | 20 | 75 | 40 | 87 | 24 | 6 |
| 25 | 68 | 30 | 76 | 0 | 87 | 51 | 5 |
| 26 | 68 | 40 | 76 | 20 | 88 | 17 | 4 |
| 27 | 68 | 50 | 76 | 41 | 88 | 44 | 3 |
| 28 | 68 | 59 | 77 | 1 | 89 | 8 | 2 |
| 29 | 69 | 11 | 77 | 22 | 89 | 34 | 1 |
| 30 | 69 | 22 | 77 | 43 | 90 | 0 | 0 |
| | ♍ Austr. ♓ Bor. | | ♎ Austr. ♒ Bor. | | ♋ Austr. ♑ Bor. | | |

TAB. 28.

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*TAB. 28. Ascensio Recta ☉ ad Obliquitatem Grad. 23. 30. 20″.*

| Sign. | ♈ | | | ♉ | | | ♊ | | | ♋ | | | ♌ | | | ♍ | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Gr. | Gr. | ′ | ″ | Gr. | ′ | ″ | Gr. | ′ | ″ | Gr. | ′ | ″ | Gr. | ′ | ″ | Gr. | ′ | ″ |
| 1 | 0 | 55 | 1 | 28 | 51 | 21 | 58 | 50 | 56 | 91 | 5 | 26 | 123 | 14 | 0 | 153 | 3 | 16 |
| 2 | 1 | 50 | 3 | 29 | 49 | 51 | 59 | 53 | 38 | 92 | 10 | 50 | 124 | 16 | 5 | 154 | 0 | 22 |
| 3 | 2 | 45 | 5 | 30 | 46 | 32 | 60 | 56 | 32 | 93 | 17 | 16 | 125 | 18 | 16 | 154 | 58 | 19 |
| 4 | 3 | 40 | 9 | 31 | 44 | 20 | 61 | 59 | 39 | 94 | 21 | 38 | 126 | 20 | 9 | 155 | 53 | 40 |
| 5 | 4 | 35 | 13 | 32 | 42 | 20 | 62 | 2 | 49 | 95 | 26 | 53 | 127 | 21 | 49 | 156 | 50 | 49 |
| 6 | 5 | 30 | 19 | 33 | 40 | 30 | 64 | 6 | 12 | 96 | 32 | 11 | 128 | 23 | 21 | 157 | 47 | 23 |
| 7 | 6 | 25 | 27 | 34 | 38 | 48 | 65 | 9 | 43 | 97 | 37 | 33 | 129 | 24 | 39 | 158 | 43 | 52 |
| 8 | 7 | 20 | 37 | 35 | 37 | 15 | 66 | 13 | 24 | 98 | 42 | 45 | 130 | 25 | 49 | 159 | 40 | 12 |
| 9 | 8 | 15 | 50 | 36 | 36 | 6 | 67 | 17 | 13 | 99 | 47 | 55 | 131 | 26 | 41 | 160 | 36 | 25 |
| 10 | 9 | 11 | 6 | 37 | 34 | 46 | 68 | 21 | 9 | 100 | 52 | 58 | 132 | 27 | 31 | 161 | 32 | 31 |
| 11 | 10 | 6 | 26 | 38 | 33 | 40 | 69 | 25 | 16 | 101 | 57 | 59 | 133 | 27 | 57 | 162 | 28 | 35 |
| 12 | 11 | 1 | 48 | 39 | 32 | 50 | 70 | 29 | 26 | 103 | 2 | 59 | 134 | 28 | 32 | 163 | 24 | 29 |
| 13 | 11 | 57 | 14 | 40 | 31 | 50 | 71 | 33 | 43 | 104 | 7 | 51 | 135 | 28 | 45 | 164 | 20 | 18 |
| 14 | 12 | 52 | 45 | 41 | 31 | 37 | 72 | 38 | 19 | 105 | 12 | 36 | 136 | 29 | 16 | 165 | 16 | 1 |
| 15 | 13 | 48 | 2 | 42 | 31 | 23 | 73 | 42 | 44 | 106 | 17 | 36 | 137 | 28 | 37 | 166 | 11 | 58 |
| 16 | 14 | 43 | 59 | 43 | 30 | 44 | 74 | 47 | 24 | 107 | 21 | 41 | 138 | 28 | 23 | 167 | 7 | 15 |
| 17 | 15 | 39 | 42 | 44 | 31 | 15 | 75 | 52 | 9 | 108 | 26 | 17 | 139 | 28 | 10 | 168 | 2 | 46 |
| 18 | 16 | 35 | 31 | 45 | 31 | 28 | 76 | 57 | 1 | 109 | 30 | 34 | 140 | 27 | 10 | 168 | 58 | 12 |
| 19 | 17 | 31 | 25 | 46 | 32 | 3 | 78 | 2 | 1 | 110 | 34 | 44 | 141 | 26 | 20 | 169 | 53 | 34 |
| 20 | 18 | 27 | 29 | 47 | 32 | 29 | 79 | 7 | 2 | 111 | 38 | 51 | 142 | 25 | 14 | 170 | 48 | 54 |
| 21 | 19 | 23 | 35 | 48 | 33 | 19 | 80 | 12 | 5 | 112 | 42 | 47 | 143 | 23 | 54 | 171 | 44 | 10 |
| 22 | 20 | 19 | 48 | 49 | 34 | 11 | 81 | 17 | 5 | 113 | 46 | 36 | 144 | 22 | 45 | 172 | 39 | 23 |
| 23 | 21 | 16 | 8 | 50 | 35 | 21 | 82 | 22 | 7 | 114 | 50 | 17 | 145 | 21 | 12 | 173 | 34 | 33 |
| 24 | 22 | 12 | 37 | 51 | 36 | 39 | 83 | 27 | 49 | 115 | 53 | 48 | 146 | 19 | 30 | 174 | 29 | 41 |
| 25 | 23 | 9 | 11 | 52 | 38 | 11 | 84 | 33 | 7 | 116 | 57 | 11 | 147 | 17 | 40 | 175 | 24 | 47 |
| 26 | 24 | 7 | 20 | 53 | 38 | 51 | 85 | 38 | 22 | 118 | 0 | 21 | 148 | 15 | 40 | 176 | 19 | 51 |
| 27 | 25 | 1 | 41 | 54 | 41 | 44 | 86 | 43 | 44 | 119 | 3 | 28 | 149 | 13 | 28 | 177 | 14 | 55 |
| 28 | 25 | 59 | 38 | 55 | 43 | 45 | 87 | 49 | 10 | 120 | 6 | 22 | 150 | 10 | 9 | 178 | 9 | 57 |
| 29 | 26 | 56 | 44 | 56 | 46 | 0 | 88 | 54 | 34 | 121 | 9 | 4 | 151 | 8 | 39 | 179 | 4 | 59 |
| 30 | 27 | 53 | 57 | 57 | 48 | 21 | 90 | 0 | 0 | 122 | 11 | 39 | 152 | 6 | 3 | 180 | 0 | 0 |

*Residuum Tabulæ 28.*

| Sign. | ♎ | | | ♏ | | | ♐ | | | ♑ | | | ♒ | | | ♓ | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Gr. | Gr. | ′ | ″ | Gr. | ′ | ″ | Gr. | ′ | ″ | Gr. | ′ | ″ | Gr. | ′ | ″ | Gr. | ′ | ″ |
| 1 | 180 | 55 | 1 | 208 | 51 | 21 | 238 | 50 | 56 | 271 | 5 | 26 | 303 | 13 | 0 | 333 | 3 | 16 |
| 2 | 181 | 50 | 3 | 209 | 49 | 51 | 239 | 53 | 38 | 272 | 10 | 50 | 304 | 16 | 15 | 334 | 0 | 22 |
| 3 | 182 | 45 | 5 | 210 | 46 | 32 | 240 | 56 | 32 | 273 | 17 | 16 | 305 | 18 | 16 | 334 | 58 | 19 |
| 4 | 183 | 40 | 9 | 211 | 44 | 20 | 241 | 59 | 39 | 274 | 21 | 38 | 306 | 20 | 9 | 335 | 53 | 40 |
| 5 | 184 | 35 | 13 | 212 | 42 | 20 | 243 | 2 | 49 | 275 | 22 | 53 | 307 | 21 | 49 | 336 | 50 | 49 |
| 6 | 185 | 30 | 19 | 213 | 40 | 30 | 244 | 6 | 12 | 276 | 32 | 11 | 308 | 23 | 21 | 337 | 47 | 23 |
| 7 | 186 | 25 | 27 | 214 | 38 | 48 | 245 | 9 | 43 | 277 | 37 | 33 | 309 | 24 | 39 | 338 | 43 | 52 |
| 8 | 187 | 20 | 37 | 215 | 37 | 15 | 246 | 13 | 24 | 278 | 42 | 45 | 310 | 25 | 49 | 339 | 40 | 12 |
| 9 | 188 | 15 | 50 | 216 | 36 | 16 | 247 | 17 | 13 | 279 | 47 | 55 | 311 | 26 | 41 | 340 | 36 | 25 |
| 10 | 189 | 11 | 6 | 217 | 34 | 46 | 248 | 21 | 9 | 280 | 52 | 58 | 312 | 27 | 31 | 341 | 32 | 31 |
| 11 | 190 | 6 | 26 | 218 | 33 | 40 | 249 | 25 | 16 | 281 | 57 | 59 | 313 | 27 | 57 | 342 | 28 | 35 |
| 12 | 191 | 1 | 48 | 219 | 32 | 50 | 250 | 29 | 26 | 283 | 2 | 59 | 314 | 28 | 32 | 343 | 24 | 29 |
| 13 | 191 | 57 | 14 | 220 | 31 | 50 | 251 | 33 | 43 | 284 | 7 | 51 | 315 | 28 | 45 | 344 | 20 | 18 |
| 14 | 192 | 52 | 45 | 221 | 31 | 37 | 252 | 38 | 19 | 285 | 12 | 36 | 316 | 29 | 16 | 345 | 16 | 1 |
| 15 | 193 | 48 | 2 | 222 | 31 | 23 | 253 | 42 | 44 | 286 | 17 | 36 | 317 | 28 | 37 | 346 | 11 | 58 |
| 16 | 194 | 43 | 59 | 223 | 30 | 44 | 254 | 47 | 24 | 287 | 21 | 41 | 318 | 28 | 23 | 347 | 7 | 15 |
| 17 | 195 | 39 | 42 | 224 | 31 | 15 | 255 | 52 | 9 | 288 | 26 | 17 | 319 | 28 | 10 | 348 | 2 | 46 |
| 18 | 196 | 35 | 31 | 225 | 31 | 28 | 256 | 57 | 1 | 289 | 30 | 34 | 320 | 27 | 10 | 348 | 58 | 12 |
| 19 | 197 | 31 | 25 | 226 | 32 | 3 | 258 | 2 | 1 | 290 | 34 | 44 | 321 | 26 | 20 | 349 | 53 | 34 |
| 20 | 198 | 27 | 29 | 227 | 32 | 29 | 259 | 7 | 2 | 291 | 38 | 51 | 322 | 25 | 14 | 350 | 48 | 54 |
| 21 | 199 | 23 | 35 | 228 | 33 | 19 | 260 | 12 | 5 | 292 | 42 | 47 | 323 | 23 | 54 | 351 | 44 | 10 |
| 22 | 200 | 19 | 48 | 229 | 34 | 11 | 261 | 17 | 15 | 293 | 46 | 36 | 324 | 22 | 45 | 352 | 39 | 23 |
| 23 | 201 | 16 | 8 | 230 | 35 | 21 | 262 | 22 | 27 | 294 | 50 | 17 | 325 | 21 | 12 | 353 | 34 | 33 |
| 24 | 202 | 12 | 37 | 231 | 36 | 39 | 263 | 27 | 49 | 295 | 53 | 48 | 326 | 19 | 30 | 354 | 29 | 41 |
| 25 | 203 | 9 | 11 | 232 | 38 | 11 | 264 | 33 | 7 | 296 | 57 | 11 | 327 | 17 | 40 | 355 | 24 | 47 |
| 26 | 204 | 7 | 20 | 233 | 38 | 51 | 265 | 38 | 22 | 298 | 0 | 21 | 328 | 15 | 40 | 356 | 19 | 51 |
| 27 | 205 | 1 | 41 | 234 | 41 | 44 | 266 | 43 | 44 | 299 | 3 | 28 | 329 | 13 | 28 | 357 | 14 | 55 |
| 28 | 205 | 59 | 38 | 235 | 43 | 45 | 267 | 49 | 10 | 300 | 6 | 22 | 330 | 10 | 9 | 358 | 9 | 57 |
| 29 | 206 | 56 | 44 | 236 | 46 | 0 | 268 | 54 | 34 | 301 | 9 | 4 | 331 | 8 | 39 | 359 | 4 | 59 |
| 30 | 207 | 53 | 57 | 237 | 48 | 21 | 270 | 0 | 0 | 302 | 11 | 39 | 332 | 6 | 3 | 360 | 0 | 0 |

TAB. 29.

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## TAB. 29. *Differentiarum Ascensionalium : ad Obliq. Eclipt. Grad. 23. 30'.*

Altitudo Poli, si in latere sumatur Declinatio Sideris; vel Declinatio Sideris, si in latere sumatur Alt. Poli.

Declinatio Sideris, aut Altitudo Poli, &c.

| — | 1 | | | 2 | | | 3 | | | 4 | | | 5 | | | 6 | | | 7 | | | 8 | | | 9 | | | 10 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | G. | I | II | G. | I | II | G. | I | II | G. | I | II | G. | I | II | G. | I | II | G. | I | II | G. | I | II | G. | I | II | G. | I | II |
| 1 | 0 | 1 | 3 | 0 | 2 | 6 | 0 | 3 | 9 | 0 | 4 | 12 | 0 | 5 | 15 | 0 | 6 | 19 | 0 | 7 | 22 | 0 | 8 | 26 | 0 | 9 | 30 | 0 | 10 | 35 |
| 2 | 0 | 2 | 6 | 0 | 4 | 11 | 0 | 6 | 17 | 0 | 8 | 24 | 0 | 10 | 30 | 0 | 12 | 37 | 0 | 14 | 45 | 0 | 16 | 52 | 0 | 19 | 1 | 0 | 21 | 10 |
| 3 | 0 | 3 | 9 | 0 | 6 | 17 | 0 | 9 | 27 | 0 | 12 | 36 | 0 | 15 | 46 | 0 | 18 | 56 | 0 | 22 | 7 | 0 | 25 | 19 | 0 | 28 | 32 | 0 | 31 | 46 |
| 4 | 0 | 4 | 12 | 0 | 8 | 24 | 0 | 12 | 36 | 0 | 16 | 49 | 0 | 21 | 2 | 0 | 25 | 16 | 0 | 29 | 31 | 0 | 33 | 47 | 0 | 38 | 4 | 0 | 42 | 23 |
| 5 | 0 | 5 | 15 | 0 | 10 | 30 | 0 | 15 | 46 | 0 | 21 | 2 | 0 | 26 | 19 | 0 | 31 | 37 | 0 | 36 | 56 | 0 | 42 | 16 | 0 | 47 | 38 | 0 | 53 | 2 |
| 6 | 0 | 6 | 19 | 0 | 12 | 37 | 0 | 18 | 56 | 0 | 25 | 16 | 0 | 31 | 37 | 0 | 37 | 59 | 0 | 44 | 22 | 0 | 50 | 47 | 0 | 57 | 14 | 1 | 3 | 43 |
| 7 | 0 | 7 | 22 | 0 | 14 | 45 | 0 | 22 | 7 | 0 | 29 | 31 | 0 | 36 | 56 | 0 | 44 | 22 | 0 | 51 | 50 | 0 | 59 | 20 | 1 | 6 | 52 | 1 | 14 | 26 |
| 8 | 0 | 8 | 26 | 0 | 16 | 52 | 0 | 25 | 19 | 0 | 33 | 47 | 0 | 42 | 16 | 0 | 50 | 47 | 0 | 59 | 20 | 1 | 7 | 54 | 1 | 16 | 32 | 1 | 25 | 12 |
| 9 | 0 | 9 | 30 | 0 | 19 | 1 | 0 | 28 | 32 | 0 | 38 | 4 | 0 | 47 | 38 | 0 | 57 | 14 | 1 | 6 | 52 | 1 | 16 | 32 | 1 | 26 | 15 | 1 | 36 | 2 |
| 10 | 0 | 10 | 35 | 0 | 21 | 10 | 0 | 31 | 46 | 0 | 42 | 23 | 0 | 53 | 2 | 1 | 3 | 43 | 1 | 14 | 26 | 1 | 25 | 12 | 1 | 36 | 2 | 1 | 46 | 54 |
| 11 | 0 | 11 | 39 | 0 | 23 | 20 | 0 | 35 | 1 | 0 | 46 | 44 | 0 | 58 | 28 | 1 | 10 | 14 | 1 | 23 | 5 | 1 | 33 | 56 | 1 | 45 | 51 | 1 | 57 | 31 |
| 12 | 0 | 12 | 45 | 0 | 25 | 31 | 0 | 38 | 18 | 0 | 51 | 9 | 1 | 3 | 56 | 1 | 16 | 48 | 1 | 29 | 44 | 1 | 42 | 43 | 1 | 55 | 45 | 2 | 8 | 53 |
| 13 | 0 | 13 | 51 | 0 | 27 | 43 | 0 | 41 | 36 | 0 | 55 | 30 | 1 | 9 | 26 | 1 | 23 | 26 | 1 | 37 | 28 | 1 | 51 | 34 | 2 | 5 | 44 | 2 | 19 | 59 |
| 14 | 0 | 14 | 58 | 0 | 29 | 56 | 0 | 44 | 55 | 0 | 59 | 57 | 1 | 15 | 1 | 1 | 30 | 6 | 1 | 45 | 15 | 2 | 0 | 29 | 2 | 15 | 47 | 2 | 31 | 11 |
| 15 | 0 | 16 | 5 | 0 | 32 | 10 | 0 | 48 | 17 | 1 | 4 | 25 | 1 | 20 | 36 | 1 | 36 | 50 | 1 | 53 | 7 | 2 | 9 | 29 | 2 | 25 | 56 | 2 | 42 | 29 |
| 16 | 0 | 17 | 13 | 0 | 34 | 25 | 0 | 51 | 40 | 1 | 8 | 56 | 1 | 26 | 15 | 1 | 43 | 37 | 2 | 1 | 4 | 2 | 18 | 34 | 2 | 36 | 11 | 2 | 53 | 53 |
| 17 | 0 | 18 | 21 | 0 | 36 | 42 | 0 | 55 | 5 | 1 | 13 | 30 | 1 | 31 | 58 | 1 | 50 | 31 | 2 | 9 | 5 | 2 | 27 | 45 | 2 | 46 | 32 | 3 | 5 | 25 |
| 18 | 0 | 19 | 30 | 0 | 39 | 0 | 0 | 58 | 32 | 1 | 18 | 7 | 1 | 37 | 44 | 1 | 57 | 24 | 2 | 17 | 11 | 2 | 37 | 2 | 2 | 57 | 0 | 3 | 17 | 4 |
| 19 | 0 | 20 | 40 | 0 | 41 | 20 | 1 | 2 | 2 | 1 | 22 | 47 | 1 | 43 | 35 | 2 | 4 | 47 | 2 | 25 | 23 | 2 | 46 | 25 | 3 | 7 | 35 | 3 | 28 | 51 |
| 20 | 0 | 21 | 51 | 0 | 43 | 42 | 1 | 5 | 35 | 1 | 27 | 30 | 1 | 49 | 29 | 2 | 11 | 33 | 2 | 33 | 41 | 2 | 55 | 56 | 3 | 18 | 57 | 3 | 40 | 47 |
| 21 | 0 | 23 | 2 | 0 | 45 | 5 | 1 | 9 | 10 | 1 | 32 | 17 | 1 | 55 | 28 | 2 | 18 | 45 | 2 | 42 | 6 | 3 | 5 | 33 | 3 | 29 | 8 | 3 | 52 | 52 |
| 22 | 0 | 24 | 15 | 0 | 48 | 30 | 1 | 12 | 48 | 1 | 37 | 8 | 2 | 1 | 33 | 2 | 26 | 2 | 2 | 50 | 37 | 3 | 15 | 18 | 3 | 40 | 8 | 4 | 5 | 7 |
| 23 | 0 | 25 | 28 | 0 | 50 | 57 | 1 | 16 | 29 | 1 | 42 | 3 | 2 | 7 | 42 | 2 | 33 | 26 | 2 | 59 | 15 | 3 | 25 | 12 | 3 | 51 | 18 | 4 | 17 | 33 |
| 24 | 0 | 26 | 43 | 0 | 53 | 27 | 1 | 20 | 13 | 1 | 47 | 3 | 2 | 13 | 57 | 2 | 40 | 56 | 3 | 6 | 2 | 3 | 35 | 15 | 4 | 2 | 37 | 4 | 20 | 9 |
| 25 | 0 | 27 | 59 | 0 | 55 | 59 | 1 | 24 | 1 | 1 | 52 | 6 | 2 | 20 | 17 | 2 | 48 | 33 | 3 | 16 | 56 | 3 | 45 | 27 | 4 | 14 | 8 | 4 | 42 | 59 |
| 26 | 0 | 29 | 16 | 0 | 58 | 33 | 1 | 27 | 52 | 1 | 57 | 16 | 2 | 26 | 44 | 2 | 56 | 18 | 3 | 26 | 0 | 3 | 55 | 50 | 4 | 25 | 50 | 4 | 56 | 1 |
| 27 | 0 | 30 | 35 | 1 | 1 | 10 | 1 | 31 | 48 | 2 | 2 | 31 | 2 | 33 | 18 | 3 | 4 | 12 | 3 | 35 | 13 | 4 | 6 | 23 | 4 | 37 | 44 | 5 | 9 | 17 |
| 28 | 0 | 31 | 55 | 1 | 3 | 50 | 1 | 35 | 48 | 2 | 7 | 51 | 2 | 39 | 59 | 3 | 12 | 13 | 3 | 14 | 36 | 4 | 17 | 8 | 4 | 49 | 51 | 5 | 22 | 47 |
| 29 | 0 | 33 | 16 | 1 | 6 | 33 | 1 | 39 | 53 | 2 | 13 | 17 | 2 | 46 | 47 | 3 | 20 | 24 | 3 | 54 | 10 | 4 | 28 | 5 | 5 | 2 | 12 | 5 | 36 | 33 |
| 30 | 0 | 34 | 39 | 1 | 9 | 19 | 1 | 44 | 2 | 2 | 18 | 50 | 2 | 53 | 43 | 3 | 28 | 44 | 4 | 3 | 55 | 4 | 39 | 25 | 5 | 14 | 48 | 5 | 50 | 35 |
| 31 | 0 | 36 | 4 | 1 | 12 | 8 | 1 | 48 | 16 | 2 | 24 | 28 | 3 | 0 | 48 | 3 | 37 | 15 | 4 | 13 | 52 | 4 | 50 | 39 | 5 | 27 | 39 | 6 | 4 | 55 |
| 32 | 0 | 37 | 30 | 1 | 15 | 1 | 1 | 52 | 36 | 2 | 30 | 16 | 3 | 8 | 2 | 3 | 45 | 57 | 4 | 24 | 1 | 5 | 2 | 18 | 5 | 48 | 48 | 6 | 19 | 33 |
| 33 | 0 | 38 | 58 | 1 | 17 | 58 | 1 | 57 | 1 | 2 | 36 | 10 | 3 | 15 | 9 | 3 | 54 | 50 | 4 | 34 | 25 | 5 | 14 | 12 | 5 | 54 | 14 | 6 | 34 | 31 |
| 34 | 0 | 40 | 29 | 1 | 20 | 59 | 2 | 1 | 33 | 2 | 42 | 12 | 3 | 22 | 59 | 4 | 3 | 55 | 4 | 45 | 3 | 5 | 26 | 23 | 6 | 7 | 58 | 6 | 49 | 50 |
| 35 | 0 | 42 | 1 | 1 | 24 | 4 | 2 | 6 | 11 | 2 | 48 | 23 | 3 | 30 | 44 | 4 | 13 | 14 | 4 | 55 | 56 | 5 | 38 | 31 | 6 | 22 | 3 | 7 | 5 | 32 |
| 36 | 0 | 43 | 36 | 1 | 25 | 14 | 2 | 10 | 56 | 2 | 54 | 44 | 3 | 38 | 40 | 4 | 22 | 47 | 5 | 7 | 5 | 5 | 51 | 39 | 6 | 36 | 29 | 7 | 21 | 38 |
| 37 | 0 | 45 | 13 | 1 | 30 | 28 | 2 | 15 | 48 | 3 | 1 | 14 | 3 | 46 | 48 | 4 | 32 | 34 | 5 | 18 | 32 | 6 | 4 | 46 | 6 | 51 | 18 | 7 | 38 | 8 |
| 38 | 0 | 46 | 52 | 1 | 33 | 48 | 2 | 20 | 48 | 3 | 7 | 54 | 3 | 55 | 10 | 4 | 42 | 37 | 5 | 30 | 18 | 6 | 18 | 15 | 7 | 6 | 30 | 7 | 55 | 6 |
| 39 | 0 | 48 | 35 | 1 | 37 | 14 | 2 | 25 | 56 | 3 | 14 | 46 | 4 | 3 | 46 | 4 | 52 | 57 | 5 | 42 | 23 | 6 | 32 | 6 | 7 | 22 | 9 | 8 | 12 | 33 |
| 40 | 0 | 50 | 21 | 1 | 40 | 45 | 2 | 31 | 14 | 3 | 21 | 50 | 4 | 12 | 36 | 5 | 3 | 35 | 5 | 54 | 49 | 6 | 46 | 22 | 7 | 38 | 15 | 8 | 30 | 31 |
| 41 | 0 | 52 | 10 | 1 | 44 | 22 | 2 | 36 | 40 | 3 | 29 | 4 | 4 | 21 | 42 | 5 | 14 | 32 | 6 | 7 | 38 | 7 | 1 | 33 | 7 | 54 | 50 | 8 | 49 | 2 |
| 42 | 0 | 54 | 2 | 1 | 48 | 7 | 2 | 42 | 16 | 3 | 36 | 38 | 4 | 31 | 5 | 5 | 25 | 49 | 6 | 20 | 51 | 7 | 16 | 12 | 8 | 12 | 4 | 9 | 8 | 7 |
| 43 | 0 | 55 | 58 | 1 | 51 | 58 | 2 | 48 | 4 | 3 | 43 | 20 | 4 | 40 | 47 | 5 | 37 | 20 | 6 | 34 | 29 | 7 | 31 | 51 | 8 | 29 | 37 | 9 | 27 | 51 |
| 44 | 0 | 57 | 57 | 1 | 55 | 57 | 2 | 54 | 4 | 3 | 52 | 19 | 4 | 50 | 47 | 5 | 49 | 32 | 6 | 48 | 35 | 7 | 48 | 1 | 8 | 47 | 53 | 9 | 48 | 15 |
| 45 | 1 | 0 | 1 | 2 | 0 | 5 | 3 | 0 | 15 | 4 | 0 | 35 | 5 | 1 | 9 | 6 | 2 | 0 | 7 | 3 | 9 | 8 | 4 | 45 | 9 | 6 | 48 | 10 | 9 | 22 |
| 46 | 1 | 2 | 8 | 2 | 4 | 21 | 3 | 6 | 39 | 4 | 9 | 9 | 5 | 11 | 53 | 6 | 15 | 6 | 7 | 18 | 17 | 8 | 22 | 6 | 9 | 26 | 24 | 10 | 31 | 15 |
| 47 | 1 | 4 | 21 | 2 | 8 | 46 | 3 | 13 | 18 | 4 | 18 | 2 | 5 | 23 | 0 | 6 | 28 | 18 | 7 | 33 | 58 | 8 | 40 | 6 | 9 | 46 | 44 | 10 | 53 | 59 |
| 48 | 1 | 6 | 39 | 2 | 13 | 22 | 3 | 20 | 12 | 4 | 27 | 15 | 5 | 34 | 34 | 6 | 42 | 12 | 7 | 50 | 16 | 8 | 58 | 46 | 10 | 7 | 53 | 11 | 17 | 37 |
| 49 | 1 | 9 | 2 | 2 | 18 | 8 | 3 | 27 | 23 | 4 | 36 | 50 | 5 | 46 | 31 | 6 | 56 | 41 | 8 | 7 | 13 | 9 | 18 | 15 | 10 | 29 | 54 | 11 | 42 | 12 |
| 50 | 1 | 11 | 31 | 2 | 23 | 7 | 3 | 34 | 51 | 4 | 46 | 49 | 5 | 59 | 5 | 7 | 11 | 24 | 8 | 24 | 52 | 9 | 38 | 22 | 10 | 52 | 49 | 12 | 7 | 50 |
| 51 | 1 | 14 | 6 | 2 | 28 | 18 | 3 | 42 | 39 | 4 | 57 | 21 | 6 | 12 | 9 | 7 | 27 | 28 | 8 | 43 | 17 | 9 | 59 | 41 | 11 | 16 | 46 | 12 | 34 | 36 |
| 52 | 1 | 16 | 49 | 2 | 33 | 42 | 3 | 50 | 47 | 5 | 8 | 6 | 6 | 25 | 46 | 7 | 43 | 53 | 9 | 2 | 31 | 10 | 21 | 47 | 11 | 41 | 47 | 13 | 2 | 37 |
| 53 | 1 | 19 | 39 | 2 | 39 | 22 | 3 | 59 | 17 | 5 | 19 | 28 | 6 | 40 | 2 | 8 | 1 | 4 | 9 | 22 | 40 | 10 | 44 | 56 | 12 | 8 | 0 | 13 | 31 | 57 |
| 54 | 1 | 22 | 36 | 2 | 45 | 18 | 4 | 8 | 12 | 5 | 31 | 23 | 6 | 54 | 59 | 8 | 19 | 4 | 9 | 43 | 47 | 11 | 9 | 13 | 12 | 35 | 30 | 14 | 2 | 45 |
| 55 | 1 | 25 | 42 | 2 | 51 | 1 | 4 | 17 | 13 | 5 | 43 | 53 | 7 | 10 | 40 | 8 | 37 | 59 | 10 | 5 | 58 | 11 | 34 | 45 | 13 | 4 | 24 | 14 | 35 | 8 |
| 56 | 1 | 28 | 59 | 2 | 58 | 4 | 4 | 27 | 23 | 5 | 57 | 12 | 7 | 27 | 10 | 8 | 57 | 53 | 10 | 29 | 18 | 12 | 1 | 35 | 13 | 34 | 51 | 15 | 29 | 15 |
| 57 | 1 | 32 | 25 | 3 | 4 | 57 | 4 | 37 | 44 | 6 | 10 | 53 | 7 | 44 | 33 | 9 | 18 | 51 | 10 | 53 | 56 | 12 | 29 | 55 | 14 | 7 | 0 | 15 | 45 | 18 |
| 58 | 1 | 36 | 3 | 3 | 12 | 13 | 4 | 48 | 40 | 6 | 25 | 31 | 8 | 2 | 5 | 9 | 41 | 0 | 11 | 19 | 56 | 12 | 59 | 53 | 14 | 40 | 59 | 16 | 23 | 26 |
| 59 | 1 | 39 | 53 | 3 | 19 | 57 | 5 | 0 | 14 | 6 | 40 | 59 | 8 | 22 | 21 | 10 | 4 | 27 | 11 | 47 | 29 | 13 | 31 | 34 | 15 | 17 | 2 | 17 | 4 | 5 |
| 60 | 1 | 43 | 57 | 3 | 28 | 4 | 5 | 12 | 29 | 6 | 47 | 24 | 8 | 42 | 57 | 10 | 29 | 21 | 12 | 16 | 44 | 24 | 5 | 20 | 15 | 55 | 21 | 17 | 46 | 59 |
| | 89 | | | 88 | | | 87 | | | 86 | | | 85 | | | 84 | | | 83 | | | 82 | | | 81 | | | 80 | | |

*Resid. Tab. 29. Differentia Ascensionalium.*

Declinatio si in fronte sumatur Altit. Poli; vel Altit. Poli si in fronte Declinatio.

| G. | 1 G. | 1 I | 1 II | 2 G. | 2 I | 2 II | 3 G. | 3 I | 3 II | 4 G. | 4 I | 4 II | 5 G. | 5 I | 5 II | 6 G. | 6 I | 6 II | 7 G. | 7 I | 7 II | 8 G. | 8 I | 8 II | 9 G. | 9 I | 9 II | 10 G. | 10 I | 10 II | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 61 | 1 | 48 | 17 | 3 | 36 | 43 | 5 | 25 | 31 | 7 | 14 | 50 | 9 | 4 | 53 | 10 | 55 | 49 | 12 | 47 | 53 | 14 | 41 | 15 | 16 | 36 | 11 | 18 | 32 | 55 | 29 |
| 62 | 1 | 52 | 53 | 3 | 45 | 57 | 5 | 39 | 24 | 7 | 33 | 26 | 9 | 28 | 14 | 11 | 24 | 4 | 13 | 21 | 6 | 15 | 19 | 36 | 17 | 19 | 50 | 19 | 22 | 4 | 28 |
| 63 | 1 | 57 | 48 | 3 | 55 | 48 | 5 | 54 | 13 | 7 | 53 | 18 | 9 | 53 | 14 | 11 | 54 | 16 | 13 | 56 | 40 | 16 | 0 | 42 | 18 | 6 | 38 | 20 | 14 | 49 | 27 |
| 64 | 2 | 3 | 4 | 4 | 6 | 21 | 6 | 10 | 6 | 8 | 14 | 35 | 10 | 20 | 1 | 12 | 26 | 41 | 14 | 34 | 51 | 16 | 44 | 51 | 18 | 57 | 0 | 21 | 11 | 39 | 26 |
| 65 | 2 | 8 | 43 | 4 | 17 | 41 | 6 | 27 | 11 | 8 | 37 | 28 | 10 | 48 | 50 | 13 | 1 | 35 | 15 | 16 | 1 | 17 | 32 | 29 | 19 | 51 | 23 | 22 | 13 | 6 | 25 |
| 66 | 2 | 14 | 49 | 4 | 29 | 55 | 6 | 45 | 36 | 9 | 2 | 10 | 11 | 19 | 57 | 13 | 39 | 17 | 16 | 0 | 31 | 18 | 24 | 3 | 20 | 50 | 20 | 23 | 19 | 51 | 24 |
| 67 | 2 | 21 | 25 | 4 | 43 | 8 | 7 | 5 | 33 | 9 | 28 | 56 | 11 | 53 | 19 | 14 | 20 | 10 | 16 | 48 | 51 | 19 | 20 | 8 | 21 | 54 | 33 | 24 | 32 | 41 | 23 |
| 68 | 2 | 28 | 34 | 4 | 57 | 30 | 7 | 27 | 11 | 9 | 58 | 0 | 12 | 30 | 22 | 15 | 4 | 43 | 17 | 41 | 33 | 20 | 21 | 22 | 23 | 4 | 49 | 25 | 52 | 35 | 22 |
| 69 | 2 | 36 | 23 | 5 | 13 | 10 | 7 | 50 | 49 | 10 | 29 | 46 | 13 | 10 | 28 | 15 | 53 | 28 | 18 | 39 | 18 | 21 | 28 | 37 | 24 | 23 | 8 | 27 | 20 | 43 | 21 |
| 70 | 2 | 44 | 55 | 5 | 30 | 21 | 8 | 16 | 44 | 11 | 4 | 36 | 13 | 54 | 31 | 16 | 47 | 5 | 19 | 42 | 56 | 22 | 42 | 52 | 25 | 47 | 45 | 28 | 58 | 38 | 20 |
| 71 | 2 | 54 | 21 | 5 | 49 | 15 | 8 | 45 | 17 | 11 | 43 | 2 | 14 | 43 | 10 | 17 | 16 | 23 | 20 | 53 | 29 | 24 | 5 | 23 | 27 | 23 | 11 | 30 | 48 | 13 | 19 |
| 72 | 3 | 4 | 43 | 6 | 10 | 11 | 9 | 16 | 56 | 12 | 25 | 41 | 15 | 37 | 14 | 18 | 52 | 29 | 22 | 0 | 12 | 25 | 3 | 46 | 29 | 10 | 27 | 32 | 52 | 0 | 18 |
| 73 | 3 | 16 | 23 | 6 | 33 | 31 | 9 | 52 | 13 | 13 | 13 | 19 | 16 | 37 | 43 | 20 | 6 | 27 | 23 | 40 | 45 | 27 | 22 | 3 | 31 | 12 | 8 | 35 | 13 | 19 | 17 |
| 74 | 3 | 29 | 24 | 6 | 59 | 42 | 10 | 31 | 52 | 14 | 6 | 53 | 17 | 45 | 54 | 21 | 30 | 10 | 25 | 21 | 13 | 29 | 20 | 57 | 33 | 31 | 45 | 37 | 56 | 11 | 16 |
| 75 | 3 | 44 | 7 | 7 | 29 | 19 | 11 | 16 | 45 | 15 | 7 | 40 | 19 | 3 | 26 | 23 | 5 | 42 | 27 | 16 | 26 | 31 | 38 | 13 | 36 | 14 | 8 | 41 | 9 | 18 | 15 |
| 76 | 4 | 0 | 53 | 8 | 3 | 5 | 12 | 8 | 2 | 16 | 17 | 16 | 20 | 32 | 32 | 24 | 55 | 58 | 29 | 30 | 10 | 34 | 18 | 40 | 39 | 26 | 20 | 45 | 0 | 32 | 14 |
| 77 | 4 | 20 | 11 | 8 | 42 | 0 | 13 | 7 | 15 | 17 | 37 | 53 | 22 | 16 | 8 | 27 | 4 | 54 | 32 | 7 | 49 | 37 | 30 | 0 | 43 | 19 | 6 | 49 | 47 | 50 | 13 |
| 78 | 4 | 42 | 38 | 9 | 27 | 22 | 14 | 16 | 27 | 19 | 12 | 25 | 24 | 18 | 20 | 29 | 38 | 8 | 35 | 17 | 11 | 41 | 23 | 30 | 48 | 10 | 19 | 56 | 3 | 14 | 12 |
| 79 | 5 | 9 | 8 | 10 | 20 | 58 | 15 | 38 | 28 | 21 | 3 | 58 | 26 | 44 | 59 | 32 | 43 | 57 | 39 | 10 | 27 | 46 | 18 | 19 | 54 | 34 | 14 | 65 | 6 | 44 | 11 |
| 80 | 5 | 40 | 53 | 11 | 25 | 22 | 17 | 17 | 27 | 23 | 21 | 51 | 29 | 44 | 50 | 36 | 35 | 23 | 44 | 8 | 7 | 52 | 51 | 1 | 63 | 55 | 12 | 90 | 0 | 0 | 10 |
| 81 | 6 | 19 | 19 | 12 | 44 | 15 | 19 | 19 | 22 | 26 | 11 | 59 | 33 | 31 | 51 | 41 | 34 | 32 | 50 | 49 | 37 | 62 | 32 | 23 | 90 | 0 | 0 | | | | 9 |
| 82 | 7 | 8 | 6 | 14 | 23 | 14 | 21 | 53 | 41 | 29 | 50 | 16 | 38 | 30 | 1 | 48 | 24 | 20 | 60 | 53 | 13 | 90 | 0 | 0 | | | | | | | 8 |
| 83 | 8 | 10 | 24 | 16 | 31 | 15 | 25 | 15 | 59 | 34 | 42 | 58 | 45 | 26 | 31 | 58 | 52 | 20 | 90 | 0 | 0 | | | | | | | | | | 7 |
| 84 | 9 | 33 | 37 | 19 | 24 | 10 | 29 | 54 | 34 | 41 | 42 | 22 | 56 | 20 | 47 | 90 | 0 | 0 | | | | | | | | | | | | | 6 |
| 85 | 11 | 30 | 33 | 23 | 31 | 30 | 36 | 48 | 47 | 53 | 3 | 38 | 90 | 0 | 0 | Vbi desunt numeri areales, signum est aggregatum ex numero frontali, & marginis sinistri excedere quadrantem, quod intelligendum est de sequentibus quoq; spatijs arealibus vacuis in residuis partibus Tabulæ, mox secuturis. Vel certe superfluè ibi quæruntur cum in alia huius parte reperiri possint. | | | | | | | | | | | | | | | | | | 5 |
| 86 | 14 | 27 | 21 | 29 | 57 | 35 | 48 | 32 | 40 | 90 | 0 | 0 | | | | | | | | | | | | | | | | | | | 4 |
| 87 | 19 | 27 | 21 | 41 | 47 | 5 | 90 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | 3 |
| 88 | 39 | 50 | 49 | 90 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| 89 | 90 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| 90 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 |
| | 89 | | | 88 | | | 87 | | | 86 | | | 85 | | | 84 | | | 83 | | | 83 | | | 81 | | | 80 | | | |

*Residuum Tab. 29. Differentiarum Ascensionalium.*

Altitudo Poli si in latere sinistro sumatur Declinatio; vel Declinatio si in latere sinistro Alt. Poli.

Declinatio, si in fronte sumatur Alt. Poli; vel Alt. Poli si in fronte Declinatio.

| | 11 G. | 11 I | 12 G. | 12 I | 13 G. | 13 I | 14 G. | 14 I | 15 G. | 15 I | 16 G. | 16 I | 17 G. | 17 I | 18 G. | 18 I | 19 G. | 19 I | 20 G. | 20 I | 21 G. | 21 I | 22 G. | 22 I | 23 G. | 23 I | 24 G. | 24 I | 25 G. | 25 I | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 12 | 0 | 13 | 0 | 14 | 0 | 15 | 0 | 16 | 0 | 17 | 0 | 18 | 0 | 20 | 0 | 21 | 0 | 22 | 0 | 23 | 0 | 24 | 0 | 25 | 0 | 27 | 0 | 28 | 89 |
| 2 | 0 | 23 | 0 | 26 | 0 | 28 | 0 | 30 | 0 | 32 | 0 | 34 | 0 | 37 | 0 | 39 | 0 | 41 | 0 | 44 | 0 | 46 | 0 | 49 | 1 | 13 | 1 | 37 | 1 | 0 | 88 |
| 3 | 0 | 35 | 0 | 38 | 0 | 42 | 0 | 45 | 0 | 48 | 0 | 52 | 0 | 55 | 0 | 59 | 1 | 2 | 1 | 6 | 1 | 9 | 1 | 13 | 1 | 6 | 1 | 20 | 1 | 24 | 87 |
| 4 | 0 | 47 | 0 | 51 | 0 | 56 | 1 | 0 | 1 | 4 | 1 | 9 | 1 | 14 | 1 | 18 | 1 | 23 | 1 | 28 | 1 | 32 | 1 | 37 | 1 | 42 | 1 | 47 | 1 | 52 | 86 |
| 5 | 0 | 58 | 1 | 4 | 1 | 9 | 1 | 15 | 1 | 21 | 1 | 26 | 1 | 32 | 1 | 38 | 1 | 44 | 1 | 49 | 1 | 55 | 2 | 2 | 2 | 8 | 2 | 14 | 2 | 20 | 85 |
| 6 | 1 | 10 | 1 | 17 | 1 | 23 | 1 | 30 | 1 | 37 | 1 | 44 | 1 | 51 | 1 | 57 | 2 | 5 | 2 | 12 | 2 | 19 | 2 | 26 | 2 | 33 | 2 | 41 | 2 | 49 | 84 |
| 7 | 1 | 23 | 1 | 30 | 1 | 37 | 1 | 45 | 1 | 53 | 2 | 1 | 2 | 9 | 2 | 17 | 2 | 25 | 2 | 34 | 2 | 42 | 2 | 51 | 2 | 59 | 3 | 8 | 3 | 17 | 83 |
| 8 | 1 | 34 | 1 | 43 | 1 | 52 | 2 | 0 | 2 | 9 | 2 | 19 | 2 | 28 | 2 | 37 | 2 | 46 | 2 | 56 | 3 | 6 | 3 | 15 | 3 | 25 | 3 | 35 | 3 | 45 | 82 |
| 9 | 1 | 46 | 1 | 56 | 2 | 6 | 2 | 16 | 2 | 26 | 2 | 36 | 2 | 47 | 2 | 57 | 3 | 8 | 3 | 18 | 3 | 29 | 3 | 40 | 3 | 51 | 4 | 3 | 4 | 44 | 81 |
| 10 | 1 | 58 | 2 | 9 | 2 | 20 | 2 | 31 | 2 | 42 | 2 | 54 | 3 | 5 | 3 | 17 | 3 | 29 | 3 | 41 | 3 | 53 | 4 | 5 | 4 | 18 | 4 | 30 | 4 | 43 | 80 |
| 11 | 2 | 10 | 2 | 22 | 2 | 34 | 2 | 47 | 2 | 59 | 3 | 12 | 3 | 24 | 3 | 37 | 3 | 50 | 4 | 4 | 4 | 17 | 4 | 30 | 4 | 44 | 4 | 58 | 5 | 12 | 79 |
| 12 | 2 | 22 | 2 | 35 | 2 | 49 | 3 | 2 | 3 | 16 | 3 | 30 | 3 | 44 | 3 | 58 | 4 | 12 | 4 | 26 | 4 | 41 | 4 | 56 | 5 | 11 | 5 | 26 | 5 | 41 | 78 |
| 13 | 2 | 34 | 2 | 49 | 3 | 3 | 3 | 18 | 3 | 33 | 3 | 48 | 4 | 3 | 4 | 18 | 4 | 34 | 4 | 49 | 5 | 5 | 5 | 21 | 5 | 37 | 5 | 54 | 6 | 11 | 77 |
| 14 | 2 | 47 | 3 | 2 | 3 | 18 | 3 | 36 | 3 | 50 | 4 | 6 | 4 | 22 | 4 | 39 | 4 | 55 | 5 | 12 | 5 | 30 | 5 | 47 | 6 | 5 | 6 | 22 | 6 | 41 | 76 |
| 15 | 2 | 59 | 3 | 16 | 3 | 33 | 3 | 50 | 4 | 7 | 4 | 24 | 4 | 42 | 5 | 0 | 5 | 18 | 5 | 36 | 5 | 54 | 6 | 13 | 6 | 32 | 6 | 51 | 7 | 11 | 75 |
| 16 | 3 | 12 | 3 | 30 | 3 | 48 | 4 | 6 | 4 | 24 | 4 | 43 | 5 | 2 | 5 | 21 | 5 | 40 | 5 | 59 | 6 | 19 | 6 | 39 | 6 | 59 | 7 | 20 | 7 | 41 | 74 |
| 17 | 3 | 24 | 3 | 44 | 4 | 3 | 4 | 22 | 4 | 42 | 5 | 2 | 5 | 22 | 5 | 42 | 6 | 3 | 6 | 23 | 6 | 44 | 7 | 6 | 7 | 27 | 7 | 49 | 8 | 12 | 73 |
| 18 | 3 | 37 | 3 | 58 | 4 | 18 | 4 | 29 | 5 | 0 | 5 | 21 | 5 | 42 | 6 | 4 | 6 | 25 | 6 | 47 | 7 | 10 | 7 | 33 | 7 | 56 | 7 | 59 | 8 | 43 | 72 |
| 19 | 3 | 50 | 4 | 12 | 4 | 34 | 4 | 55 | 5 | 18 | 5 | 40 | 6 | 3 | 6 | 25 | 6 | 49 | 7 | 12 | 7 | 36 | 8 | 0 | 8 | 24 | 8 | 49 | 9 | 14 | 71 |
| 20 | 4 | 3 | 4 | 26 | 4 | 49 | 5 | 12 | 5 | 36 | 5 | 59 | 6 | 23 | 6 | 47 | 7 | 12 | 7 | 37 | 8 | 2 | 8 | 27 | 8 | 53 | 9 | 20 | 9 | 46 | 70 |
| 21 | 4 | 17 | 4 | 41 | 5 | 5 | 5 | 30 | 5 | 54 | 6 | 19 | 6 | 44 | 7 | 10 | 7 | 36 | 8 | 2 | 8 | 28 | 8 | 55 | 9 | 23 | 9 | 50 | 10 | 19 | 69 |
| 22 | 4 | 30 | 4 | 56 | 5 | 21 | 5 | 47 | 6 | 13 | 6 | 39 | 7 | 6 | 7 | 33 | 8 | 0 | 8 | 27 | 8 | 55 | 9 | 24 | 9 | 52 | 10 | 23 | 10 | 51 | 68 |
| 23 | 4 | 44 | 5 | 11 | 5 | 37 | 6 | 5 | 6 | 33 | 6 | 59 | 7 | 27 | 7 | 56 | 8 | 24 | 8 | 53 | 9 | 23 | 9 | 52 | 10 | 23 | 10 | 54 | 11 | 25 | 67 |
| 24 | 4 | 58 | 5 | 26 | 5 | 54 | 6 | 22 | 6 | 51 | 7 | 20 | 7 | 49 | 7 | 59 | 8 | 49 | 9 | 20 | 9 | 50 | 10 | 22 | 10 | 54 | 11 | 26 | 11 | 59 | 66 |
| 25 | 5 | 12 | 5 | 41 | 6 | 11 | 6 | 41 | 7 | 11 | 7 | 41 | 8 | 12 | 8 | 43 | 9 | 14 | 9 | 46 | 10 | 19 | 10 | 52 | 11 | 25 | 11 | 59 | 12 | 34 | 65 |
| 26 | 5 | 26 | 5 | 57 | 6 | 28 | 6 | 59 | 7 | 31 | 8 | 2 | 8 | 35 | 9 | 7 | 9 | 40 | 10 | 14 | 10 | 47 | 11 | 22 | 11 | 57 | 12 | 33 | 13 | 9 | 64 |
| 27 | 5 | 41 | 6 | 15 | 6 | 45 | 7 | 18 | 7 | 51 | 8 | 24 | 8 | 58 | 9 | 32 | 10 | 6 | 10 | 41 | 11 | 17 | 11 | 53 | 12 | 29 | 13 | 7 | 13 | 45 | 63 |
| 28 | 5 | 56 | 6 | 29 | 7 | 3 | 7 | 37 | 8 | 11 | 8 | 46 | 9 | 21 | 9 | 57 | 10 | 33 | 11 | 10 | 11 | 47 | 12 | 24 | 13 | 3 | 13 | 42 | 14 | 41 | 62 |
| 29 | 6 | 11 | 6 | 46 | 7 | 21 | 7 | 57 | 8 | 32 | 9 | 9 | 9 | 45 | 10 | 23 | 11 | 0 | 11 | 38 | 12 | 17 | 12 | 56 | 13 | 37 | 14 | 17 | 14 | 59 | 61 |
| 30 | 6 | 27 | 7 | 3 | 7 | 40 | 8 | 17 | 8 | 54 | 9 | 32 | 10 | 10 | 10 | 49 | 11 | 28 | 12 | 8 | 12 | 49 | 13 | 29 | 14 | 11 | 14 | 54 | 15 | 37 | 60 |
| | 79 | | 78 | | 77 | | 76 | | 75 | | 74 | | 73 | | 72 | | 71 | | 70 | | 69 | | 68 | | 67 | | 66 | | 65 | | |

Resi-

*Residuum TAB. 29. Differentiarum Ascensionalium.*

Altitudo Poli, si in sinistro latere sumatur Declinatio; vel Declinatio, si in eodem latere sumatur Alt. Poli.

Declinatio, si in fronte sumatur Alt. Poli; vel Alt. Poli, si in fronte sumatur Declinatio.

| — | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | — |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | G. ′ | G. ′ | G. ′ | G. ′ | G. ′ | G. ′ | G. ′ | G. ′ | G. ′ | G. ′ | G. ′ | G. ′ | G. ′ | G. ′ | G. ′ | |
| 31 | 6 42 | 7 20 | 7 58 | 8 37 | 9 16 | 9 55 | 10 35 | 11 15 | 11 56 | 12 38 | 13 20 | 14 3 | 14 47 | 15 31 | 16 16 | 59 |
| 32 | 6 59 | 7 38 | 8 18 | 8 58 | 9 38 | 10 19 | 11 1 | 11 43 | 12 25 | 13 9 | 13 53 | 14 37 | 15 22 | 16 9 | 16 56 | 58 |
| 33 | 7 15 | 7 56 | 8 37 | 9 19 | 10 1 | 10 44 | 11 27 | 12 11 | 12 55 | 13 40 | 14 26 | 15 13 | 16 0 | 16 48 | 17 38 | 57 |
| 34 | 7 32 | 8 15 | 8 57 | 9 41 | 10 25 | 11 9 | 11 54 | 12 40 | 13 26 | 14 13 | 15 0 | 15 49 | 16 38 | 17 29 | 18 20 | 56 |
| 35 | 7 49 | 8 34 | 9 18 | 10 3 | 10 49 | 11 45 | 12 22 | 13 9 | 13 57 | 14 46 | 15 36 | 16 26 | 17 17 | 18 10 | 19 3 | 55 |
| 36 | 8 7 | 8 53 | 9 39 | 10 26 | 11 13 | 12 1 | 12 50 | 13 39 | 14 29 | 15 20 | 16 12 | 17 4 | 17 58 | 18 53 | 19 48 | 54 |
| 37 | 8 25 | 9 13 | 10 1 | 10 50 | 11 39 | 12 29 | 13 19 | 14 10 | 15 2 | 15 55 | 16 49 | 17 44 | 18 39 | 19 36 | 20 34 | 53 |
| 38 | 8 44 | 9 34 | 10 23 | 11 14 | 12 5 | 12 57 | 13 49 | 14 42 | 15 36 | 16 31 | 17 27 | 18 24 | 19 22 | 20 21 | 21 22 | 52 |
| 39 | 9 3 | 9 55 | 10 46 | 11 39 | 12 32 | 13 26 | 14 20 | 15 15 | 16 11 | 17 8 | 18 6 | 19 6 | 20 6 | 21 8 | 22 11 | 51 |
| 40 | 9 23 | 10 16 | 11 10 | 12 5 | 13 0 | 13 55 | 14 51 | 15 49 | 16 48 | 17 47 | 18 47 | 19 49 | 20 52 | 21 56 | 23 2 | 50 |
| 41 | 9 44 | 10 39 | 11 35 | 12 31 | 13 28 | 14 26 | 15 25 | 16 24 | 17 25 | 18 27 | 19 30 | 20 34 | 21 39 | 22 46 | 23 55 | 49 |
| 42 | 10 5 | 11 2 | 12 0 | 12 58 | 13 58 | 14 58 | 15 59 | 17 1 | 18 4 | 19 8 | 20 13 | 21 20 | 22 28 | 23 38 | 24 50 | 48 |
| 43 | 10 27 | 11 26 | 12 26 | 13 27 | 14 28 | 15 31 | 16 34 | 17 38 | 18 44 | 19 50 | 20 59 | 22 8 | 23 19 | 24 33 | 25 46 | 47 |
| 44 | 10 49 | 11 51 | 12 53 | 13 56 | 15 0 | 16 5 | 17 10 | 18 18 | 19 25 | 20 35 | 21 45 | 22 58 | 24 12 | 25 28 | 26 45 | 46 |
| 45 | 11 13 | 12 16 | 13 21 | 14 26 | 15 33 | 16 40 | 17 48 | 18 58 | 20 8 | 21 21 | 22 34 | 23 50 | 25 7 | 26 26 | 27 48 | 45 |
| 46 | 11 37 | 12 43 | 13 50 | 14 58 | 16 7 | 17 16 | 18 27 | 19 40 | 20 53 | 22 9 | 23 26 | 24 44 | 26 5 | 27 27 | 28 52 | 44 |
| 47 | 12 2 | 13 11 | 14 20 | 15 30 | 16 42 | 17 54 | 19 8 | 20 23 | 21 40 | 22 58 | 24 18 | 25 40 | 27 5 | 28 31 | 30 0 | 43 |
| 48 | 12 28 | 13 39 | 14 51 | 16 5 | 17 19 | 18 34 | 19 51 | 21 9 | 22 29 | 23 51 | 25 14 | 26 40 | 28 8 | 29 38 | 31 11 | 42 |
| 49 | 12 55 | 14 9 | 15 24 | 16 40 | 17 57 | 19 16 | 20 36 | 21 57 | 23 20 | 24 45 | 26 12 | 27 42 | 29 14 | 30 49 | 32 26 | 41 |
| 50 | 13 24 | 14 40 | 15 58 | 17 17 | 18 37 | 19 59 | 21 22 | 22 47 | 24 15 | 25 42 | 27 13 | 28 47 | 30 23 | 32 3 | 33 46 | 40 |
| 51 | 13 53 | 15 13 | 16 34 | 17 56 | 19 19 | 20 44 | 22 11 | 23 39 | 25 10 | 26 43 | 28 17 | 29 56 | 31 37 | 33 21 | 35 9 | 39 |
| 52 | 14 24 | 15 47 | 17 11 | 18 37 | 20 3 | 21 32 | 23 2 | 24 34 | 26 9 | 27 46 | 29 26 | 31 8 | 32 54 | 34 44 | 36 39 | 38 |
| 53 | 14 47 | 16 23 | 17 50 | 19 19 | 20 50 | 22 22 | 23 56 | 25 33 | 27 11 | 28 53 | 30 37 | 32 25 | 34 17 | 36 13 | 38 14 | 37 |
| 54 | 15 31 | 17 5 | 18 32 | 20 4 | 21 38 | 23 15 | 24 53 | 26 34 | 28 17 | 30 4 | 31 54 | 33 47 | 35 45 | 37 48 | 39 56 | 36 |
| 55 | 16 7 | 17 40 | 19 15 | 20 52 | 22 30 | 24 10 | 25 53 | 27 39 | 29 27 | 31 19 | 33 14 | 35 14 | 37 19 | 39 29 | 41 45 | 35 |
| 56 | 16 45 | 18 22 | 20 1 | 21 42 | 23 24 | 25 9 | 26 57 | 28 48 | 30 42 | 32 39 | 34 41 | 36 48 | 38 59 | 41 18 | 43 44 | 34 |
| 57 | 17 25 | 19 6 | 20 49 | 22 35 | 24 22 | 26 12 | 28 5 | 30 1 | 32 1 | 34 5 | 36 14 | 38 28 | 40 41 | 43 17 | 45 53 | 33 |
| 58 | 18 7 | 19 52 | 21 41 | 23 31 | 25 23 | 27 19 | 29 18 | 31 20 | 33 26 | 35 37 | 37 54 | 40 17 | 42 47 | 45 27 | 48 16 | 32 |
| 59 | 18 53 | 20 43 | 22 36 | 24 31 | 26 29 | 28 30 | 30 35 | 32 44 | 34 58 | 37 17 | 39 42 | 42 16 | 44 57 | 47 49 | 50 54 | 31 |
| 60 | 19 40 | 21 36 | 23 34 | 25 35 | 27 39 | 29 47 | 31 58 | 34 15 | 36 37 | 39 5 | 41 40 | 44 25 | 47 19 | 50 27 | 53 52 | 30 |
| 61 | 20 32 | 22 33 | 24 37 | 26 44 | 28 54 | 31 9 | 33 28 | 35 53 | 38 24 | 41 3 | 43 50 | 46 48 | 49 59 | 53 26 | 57 16 | 29 |
| 62 | 21 27 | 23 34 | 25 44 | 27 58 | 30 16 | 32 38 | 35 6 | 37 40 | 40 22 | 43 12 | 46 12 | 49 27 | 52 58 | 56 52 | 61 17 | 28 |
| 63 | 22 26 | 24 39 | 26 57 | 29 18 | 31 44 | 34 15 | 36 52 | 39 37 | 42 31 | 45 35 | 48 53 | 52 28 | 56 25 | 60 54 | 66 14 | 27 |
| 64 | 23 29 | 25 50 | 28 15 | 30 45 | 33 19 | 36 1 | 38 49 | 41 46 | 44 54 | 48 16 | 51 55 | 55 55 | 60 29 | 65 54 | 72 57 | 26 |
| 65 | 24 38 | 27 7 | 29 41 | 32 10 | 35 4 | 37 56 | 40 58 | 44 10 | 47 30 | 51 19 | 55 23 | 60 3 | 65 31 | 72 42 | 90 0 | 25 |
| 66 | 25 53 | 28 31 | 31 14 | 34 3 | 37 0 | 40 6 | 43 22 | 46 52 | 50 39 | 54 50 | 59 34 | 65 9 | 72 26 | 90 0 | | 24 |
| 67 | 27 15 | 30 3 | 32 57 | 35 58 | 39 8 | 42 30 | 46 4 | 49 56 | 54 13 | 59 2 | 64 44 | 72 8 | 90 0 | | | 23 |
| 68 | 28 45 | 31 45 | 34 51 | 38 6 | 41 33 | 45 13 | 49 10 | 53 32 | 58 27 | 64 16 | 71 49 | 90 0 | | | | 22 |
| 69 | 30 25 | 33 37 | 36 58 | 40 30 | 44 16 | 48 20 | 52 48 | 57 50 | 63 47 | 71 28 | 90 0 | | | | | 21 |
| 70 | 32 17 | 35 44 | 39 22 | 43 14 | 47 24 | 51 59 | 57 8 | 63 13 | 71 5 | 90 0 | | | | | | 20 |
| 71 | 34 22 | 38 7 | 42 6 | 46 23 | 51 6 | 56 23 | 62 37 | 70 40 | 90 0 | | | | | | | 19 |
| 72 | 36 45 | 40 51 | 45 17 | 50 7 | 55 33 | 61 57 | 70 12 | 90 0 | | | | | | | | 18 |
| 73 | 39 29 | 44 3 | 49 2 | 54 38 | 61 13 | 69 42 | 90 0 | | | | | | | | | 17 |
| 74 | 42 41 | 47 50 | 53 37 | 60 17 | 69 8 | 90 0 | | | | | | | | | | 16 |
| 75 | 46 30 | 52 30 | 59 30 | 68 31 | 90 0 | | | | | | | | | | | 15 |
| 76 | 51 14 | 58 29 | 67 49 | 90 0 | | | | | | | | | | | | 14 |
| 77 | 57 21 | 67 2 | 90 0 | | | | | | | | | | | | | 13 |
| 78 | 66 8 | 90 0 | | | | | | | | | | | | | | 12 |
| 79 | 90 0 | | | | | | | | | | | | | | | 11 |
| | 79 | 78 | 77 | 76 | 75 | 74 | 73 | 72 | 71 | 70 | 69 | 68 | 67 | 66 | 65 | |

Residuum Tabulæ incipientis vtrinq; à gradu 27. quære in sequenti pagina.

*Residuum Tabulæ Different. Ascensionalium.*

Altitudo Poli, aut Declinatio vt supra.

Declin. vel Alt. Poli.

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



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*Residuum Tab. Differentiarum Ascensionalium.*

Altitudo Poli, si in latere sinistro sumas Declinationem; vel Declinatio si in latere eodem sumas Alt. Poli.

| | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | G. ′ | G. ′ | G. ′ | G. ′ | G. ′ | G. ′ | G. ′ | G. ′ | G. ′ | G. ′ | G. ′ | G. ′ | G. ′ | G. ′ | G. ′ | |
| 41 | 25 5 | 26 17 | 27 32 | 28 48 | 30 7 | 31 29 | 32 54 | 34 22 | 35 53 | 37 30 | 39 10 | 40 55 | 42 47 | 44 45 | 46 50 | 49 |
| 42 | 26 3 | 27 18 | 28 36 | 29 56 | 31 19 | 32 45 | 34 15 | 35 47 | 37 23 | 39 5 | 40 52 | 42 44 | 44 42 | 46 49 | 49 4 | 48 |
| 43 | 27 3 | 22 22 | 29 43 | 31 7 | 32 34 | 34 5 | 35 38 | 37 16 | 38 59 | 40 46 | 42 39 | 44 39 | 46 46 | 49 2 | 51 29 | 47 |
| 44 | 28 6 | 29 28 | 30 54 | 32 22 | 33 53 | 35 28 | 37 7 | 38 50 | 40 39 | 42 33 | 44 33 | 46 42 | 48 59 | 51 27 | 54 8 | 46 |
| 45 | 29 11 | 30 38 | 32 7 | 33 40 | 35 16 | 36 56 | 38 40 | 40 30 | 42 25 | 44 26 | 46 36 | 48 54 | 51 22 | 54 5 | 57 2 | 45 |
| 46 | 30 20 | 31 51 | 33 24 | 35 2 | 36 43 | 38 29 | 40 19 | 42 16 | 44 18 | 46 29 | 48 48 | 51 17 | 54 0 | 55 57 | 60 20 | 44 |
| 47 | 31 32 | 33 7 | 34 46 | 36 28 | 38 15 | 40 7 | 42 4 | 44 8 | 46 20 | 48 40 | 51 11 | 53 55 | 56 48 | 60 16 | 64 8 | 43 |
| 48 | 32 47 | 34 28 | 36 11 | 38 0 | 39 55 | 41 52 | 43 57 | 46 9 | 48 31 | 51 3 | 53 48 | 56 49 | 60 11 | 64 4 | 68 44 | 42 |
| 49 | 34 8 | 35 53 | 37 43 | 39 37 | 41 37 | 43 44 | 45 57 | 48 20 | 50 53 | 53 40 | 57 42 | 60 6 | 64 0 | 68 41 | 74 52 | 41 |
| 50 | 35 33 | 37 23 | 39 19 | 41 21 | 43 29 | 45 43 | 48 8 | 50 43 | 53 30 | 56 34 | 59 59 | 63 46 | 68 36 | 74 49 | 90 0 | 40 |
| 51 | 37 2 | 38 59 | 41 2 | 43 11 | 45 29 | 47 54 | 50 30 | 53 19 | 56 24 | 59 51 | 63 48 | 68 31 | 74 45 | 90 0 | | 39 |
| 52 | 38 38 | 40 42 | 42 53 | 45 12 | 47 39 | 50 16 | 53 7 | 56 13 | 59 42 | 63 40 | 68 25 | 74 42 | 90 0 | | | 38 |
| 53 | 40 20 | 42 33 | 44 53 | 47 21 | 50 1 | 52 53 | 56 1 | 59 31 | 63 31 | 68 19 | 74 37 | 90 0 | | | | 37 |
| 54 | 42 10 | 44 32 | 47 2 | 49 43 | 52 37 | 55 48 | 59 19 | 63 21 | 68 11 | 74 32 | 90 0 | | | | | 36 |
| 55 | 44 9 | 46 41 | 49 35 | 52 20 | 55 53 | 59 6 | 63 10 | 68 2 | 74 26 | 90 0 | | | | | | 35 |
| 56 | 46 19 | 49 4 | 52 2 | 55 16 | 58 52 | 62 59 | 67 53 | 74 19 | 90 0 | | | | | | | 34 |
| 57 | 48 40 | 51 41 | 54 58 | 58 36 | 62 45 | 67 42 | 74 12 | 90 0 | | | | | | | | 33 |
| 58 | 50 19 | 54 37 | 58 19 | 62 30 | 67 31 | 74 4 | 90 0 | | | | | | | | | 32 |
| 59 | 54 16 | 58 0 | 62 14 | 67 18 | 73 55 | 90 0 | | | | | | | | | | 31 |
| 60 | 57 59 | 61 57 | 67 4 | 73 46 | 90 0 | | | | | | | | | | | 30 |
| 61 | 61 38 | 66 49 | 73 35 | 90 0 | | | | | | | | | | | | 29 |
| 62 | 66 32 | 73 23 | 90 0 | | | | | | | | | | | | | 28 |
| 63 | 73 11 | 90 0 | | | | | | | | | | | | | | 27 |
| 64 | 90 0 | | | | | | | | | | | | | | | 26 |
| | 64 | 63 | 62 | 61 | 60 | 59 | 58 | 57 | 56 | 55 | 54 | 53 | 52 | 51 | 50 | |

*Resid. Tab. Differentiarum Ascensionalium.*

Altitudo Poli, si in latere sinistro sumas Declinationem; vel Declinatio si ibi altitudo Poli.

| Decln. &c. | 27 | 28 | 29 | 30 | 31 | 32 | 33 | |
|---|---|---|---|---|---|---|---|---|
| | G. ′ | G. ′ | G. ′ | G. ′ | G. ′ | G. ′ | G. ′ | |
| 27 | 15 3 | 15 43 | 16 24 | 17 6 | 17 50 | 18 34 | 19 20 | 63 |
| 28 | 15 43 | 16 25 | 17 8 | 17 53 | 18 33 | 19 24 | 20 12 | 62 |
| 29 | 16 24 | 17 8 | 17 54 | 18 40 | 19 27 | 20 16 | 21 6 | 61 |
| 30 | 17 6 | 17 33 | 18 40 | 19 28 | 20 18 | 21 9 | 22 1 | 60 |
| | 63 | 62 | 61 | 60 | 59 | 58 | 57 | |

| | 41 | 42 | 43 | 44 | 45 | |
|---|---|---|---|---|---|---|
| | G. ′ | G. ′ | G. ′ | G. ′ | G. ′ | |
| 41 | 39 5 | 51 31 | 54 9 | 57 5 | 60 23 | 49 |
| 42 | 51 31 | 54 74 | 57 6 | 60 24 | 64 13 | 48 |
| 43 | 54 9 | 57 6 | 60 24 | 64 14 | 68 49 | 47 |
| 44 | 57 5 | 60 24 | 64 14 | 68 13 | 74 57 | 46 |
| 45 | 60 23 | 64 13 | 68 49 | 74 57 | 90 0 | 45 |
| 46 | 64 10 | 68 49 | 74 56 | 90 0 | | 44 |
| 47 | 68 47 | 74 55 | 90 0 | | | 43 |
| 48 | 74 54 | 90 0 | | | | 42 |
| 49 | 90 0 | | | | | 41 |
| | 49 | 48 | 47 | 46 | 45 | |

*TAB. 30. Differ. Ascensionalis Punctor. Eclipt. ad Alt. Poli Gr. 44. 30′. 20″.*

| | ♈ Bor. ♎ Austr. | | | ♉ Bor. ♏ Austr. | | | ♊ Bor. ♐ Austr. | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Gr. | Gr. | ′ | ″ | Gr. | ′ | ″ | Gr. | ′ | ″ | |
| 0 | 0 | 0 | 0 | 11 | 32 | 19 | 21 | 12 | 30 | 30 |
| 1 | 0 | 23 | 54 | 11 | 54 | 22 | 21 | 27 | 34 | 29 |
| 2 | 0 | 47 | 5 | 12 | 16 | 18 | 21 | 42 | 10 | 28 |
| 3 | 1 | 10 | 33 | 12 | 38 | 10 | 21 | 56 | 36 | 27 |
| 4 | 1 | 34 | 3 | 12 | 50 | 12 | 22 | 10 | 30 | 26 |
| 5 | 1 | 57 | 32 | 13 | 21 | 20 | 22 | 23 | 56 | 25 |
| 6 | 2 | 21 | 2 | 13 | 42 | 40 | 22 | 37 | 0 | 24 |
| 7 | 2 | 44 | 30 | 14 | 3 | 52 | 22 | 49 | 35 | 23 |
| 8 | 3 | 7 | 58 | 14 | 25 | 0 | 23 | 1 | 44 | 22 |
| 9 | 3 | 31 | 20 | 14 | 45 | 57 | 23 | 13 | 30 | 21 |
| 10 | 3 | 51 | 50 | 15 | 6 | 40 | 23 | 24 | 40 | 20 |
| 11 | 4 | 18 | 17 | 15 | 27 | 16 | 23 | 35 | 32 | 19 |
| 12 | 4 | 41 | 31 | 15 | 47 | 42 | 23 | 45 | 45 | 18 |
| 13 | 5 | 4 | 46 | 16 | 7 | 50 | 23 | 55 | 30 | 17 |
| 14 | 5 | 35 | 48 | 16 | 27 | 50 | 24 | 4 | 50 | 16 |
| 15 | 5 | 51 | 18 | 16 | 47 | 36 | 24 | 13 | 35 | 15 |
| 16 | 6 | 14 | 27 | 17 | 7 | 11 | 24 | 21 | 45 | 14 |
| 17 | 6 | 36 | 36 | 17 | 26 | 5 | 24 | 29 | 30 | 13 |
| 18 | 7 | 0 | 46 | 17 | 45 | 38 | 24 | 36 | 38 | 12 |
| 19 | 7 | 23 | 45 | 18 | 4 | 28 | 24 | 41 | 59 | 11 |
| 20 | 7 | 46 | 42 | 18 | 22 | 58 | 24 | 49 | 19 | 10 |
| 21 | 8 | 9 | 40 | 18 | 41 | 22 | 24 | 54 | 50 | 9 |
| 22 | 8 | 32 | 27 | 18 | 59 | 7 | 24 | 59 | 47 | 8 |
| 23 | 8 | 55 | 26 | 19 | 17 | 6 | 25 | 4 | 5 | 7 |
| 24 | 9 | 17 | 27 | 19 | 34 | 35 | 25 | 7 | 56 | 6 |
| 25 | 9 | 40 | 35 | 19 | 51 | 47 | 25 | 11 | 10 | 5 |
| 26 | 10 | 3 | 6 | 20 | 8 | 35 | 25 | 13 | 45 | 4 |
| 27 | 10 | 25 | 34 | 20 | 25 | 5 | 25 | 15 | 5 | 3 |
| 28 | 10 | 47 | 54 | 20 | 41 | 15 | 25 | 16 | 50 | 2 |
| 29 | 11 | 10 | 27 | 20 | 57 | 0 | 25 | 18 | 10 | 1 |
| 30 | 11 | 32 | 19 | 21 | 12 | 30 | 25 | 18 | 30 | 0 |
| | ♍ B. ♓ A. | | | ♌ B. ♒ A. | | | ♋ B. ♑ A. | | | |

*TAB. 31.*

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TAB. 31. *Ascensiones Obliquæ ad Altit. Poli Gr. 44. 30'. 20". & Obliq. Eclipt. 23. 30'. 20".*

| | ♈ | | | ♉ | | | ♊ | | | ♋ | | | ♌ | | | ♍ | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Gr. | ′ | ″ | Gr. | ′ | ″ | Gr. | ′ | ″ | Gr. | ′ | ″ | Gr. | ′ | ″ | Gr. | ′ | ″ |
| 1 | 0 | 31 | 7 | 16 | 56 | 58 | 37 | 23 | 32 | 65 | 47 | 16 | 102 | 17 | 0 | 141 | 52 | 55 |
| 2 | 1 | 2 | 58 | 17 | 33 | 23 | 38 | 11 | 28 | 66 | 54 | 0 | 103 | 35 | 0 | 143 | 12 | 28 |
| 3 | 1 | 34 | 32 | 18 | 8 | 22 | 38 | 59 | 56 | 68 | 2 | 11 | 104 | 53 | 11 | 144 | 32 | 45 |
| 4 | 2 | 6 | 6 | 18 | 54 | 8 | 39 | 49 | 9 | 69 | 7 | 53 | 106 | 11 | 34 | 145 | 50 | 34 |
| 5 | 2 | 37 | 41 | 19 | 21 | 0 | 40 | 28 | 53 | 70 | 15 | 43 | 107 | 30 | 2 | 147 | 10 | 14 |
| 6 | 3 | 9 | 17 | 19 | 57 | 50 | 41 | 29 | 12 | 71 | 24 | 15 | 108 | 48 | 46 | 148 | 29 | 56 |
| 7 | 3 | 40 | 57 | 20 | 34 | 56 | 42 | 20 | 18 | 72 | 33 | 28 | 110 | 7 | 33 | 149 | 48 | 26 |
| 8 | 4 | 12 | 47 | 21 | 12 | 15 | 43 | 31 | 40 | 73 | 42 | 58 | 111 | 26 | 42 | 151 | 7 | 45 |
| 9 | 4 | 44 | 30 | 21 | 50 | 9 | 44 | 3 | 43 | 74 | 53 | 5 | 112 | 45 | 19 | 152 | 26 | 45 |
| 10 | 5 | 19 | 16 | 22 | 28 | 6 | 44 | 46 | 29 | 76 | 3 | 39 | 114 | 4 | 33 | 153 | 45 | 49 |
| 11 | 5 | 48 | 9 | 23 | 6 | 24 | 45 | 49 | 44 | 77 | 16 | 0 | 115 | 23 | 29 | 155 | 4 | 50 |
| 12 | 6 | 20 | 57 | 23 | 45 | 8 | 46 | 43 | 41 | 78 | 26 | 21 | 116 | 42 | 54 | 156 | 23 | 43 |
| 13 | 6 | 52 | 28 | 24 | 24 | 0 | 47 | 38 | 13 | 79 | 38 | 21 | 118 | 2 | 30 | 157 | 43 | 42 |
| 14 | 7 | 16 | 57 | 25 | 3 | 47 | 48 | 33 | 29 | 80 | 50 | 51 | 119 | 22 | 5 | 159 | 1 | 54 |
| 15 | 7 | 56 | 44 | 25 | 43 | 47 | 49 | 29 | 9 | 82 | 4 | 1 | 120 | 41 | 1 | 160 | 20 | 40 |
| 16 | 8 | 29 | 32 | 26 | 23 | 33 | 50 | 25 | 39 | 83 | 16 | 51 | 122 | 0 | 33 | 161 | 31 | 27 |
| 17 | 9 | 3 | 6 | 27 | 5 | 0 | 51 | 22 | 39 | 84 | 30 | 47 | 123 | 20 | 20 | 162 | 58 | 0 |
| 18 | 9 | 34 | 45 | 27 | 45 | 50 | 52 | 20 | 23 | 85 | 44 | 49 | 124 | 39 | 28 | 164 | 16 | 41 |
| 19 | 10 | 7 | 40 | 28 | 27 | 35 | 53 | 20 | 2 | 86 | 59 | 12 | 125 | 59 | 4 | 165 | 35 | 17 |
| 20 | 10 | 40 | 47 | 29 | 9 | 31 | 54 | 17 | 43 | 88 | 14 | 17 | 127 | 18 | 34 | 166 | 57 | 4 |
| 21 | 11 | 13 | 55 | 29 | 51 | 57 | 55 | 17 | 15 | 89 | 29 | 17 | 128 | 37 | 57 | 168 | 13 | 50 |
| 22 | 11 | 47 | 21 | 30 | 35 | 4 | 56 | 17 | 28 | 90 | 44 | 52 | 129 | 57 | 45 | 169 | 31 | 25 |
| 23 | 12 | 20 | 42 | 31 | 18 | 15 | 57 | 18 | 22 | 92 | 0 | 42 | 131 | 17 | 20 | 170 | 50 | 3 |
| 24 | 12 | 55 | 10 | 32 | 2 | 4 | 58 | 19 | 53 | 93 | 16 | 48 | 132 | 36 | 50 | 172 | 8 | 39 |
| 25 | 13 | 28 | 36 | 32 | 46 | 24 | 59 | 41 | 57 | 94 | 33 | 15 | 133 | 56 | 20 | 174 | 21 | 15 |
| 26 | 14 | 4 | 14 | 33 | 30 | 16 | 60 | 24 | 37 | 95 | 49 | 51 | 135 | 25 | 28 | 174 | 45 | 48 |
| 27 | 14 | 36 | 7 | 34 | 16 | 39 | 61 | 28 | 39 | 97 | 6 | 52 | 136 | 35 | 18 | 176 | 4 | 22 |
| 28 | 15 | 11 | 44 | 35 | 2 | 30 | 62 | 33 | 20 | 97 | 24 | 2 | 137 | 53 | 51 | 177 | 22 | 52 |
| 29 | 15 | 46 | 23 | 35 | 49 | 0 | 63 | 36 | 24 | 99 | 41 | 30 | 139 | 14 | 17 | 178 | 41 | 5 |
| 30 | 16 | 21 | 38 | 36 | 35 | 51 | 64 | 41 | 30 | 100 | 59 | 9 | 140 | 33 | 44 | 180 | 0 | 0 |

*Residuum Tab. 31. Ascens. Obliq. &c.*

| | ♎ | | | ♏ | | | ♐ | | | ♑ | | | ♒ | | | ♓ | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Gr. | ′ | ″ | Gr. | ′ | ″ | Gr. | ′ | ″ | Gr. | ′ | ″ | Gr. | ′ | ″ | Gr. | ′ | ″ |
| 1 | 181 | 18 | 55 | 220 | 45 | 42 | 260 | 18 | 30 | 296 | 23 | 36 | 324 | 11 | 0 | 344 | 13 | 37 |
| 2 | 182 | 37 | 8 | 222 | 6 | 9 | 261 | 35 | 48 | 297 | 27 | 40 | 324 | 57 | 30 | 344 | 48 | 16 |
| 3 | 183 | 55 | 38 | 223 | 24 | 42 | 262 | 53 | 8 | 298 | 32 | 21 | 325 | 43 | 21 | 345 | 23 | 53 |
| 4 | 185 | 14 | 16 | 224 | 34 | 32 | 264 | 10 | 9 | 299 | 35 | 23 | 326 | 28 | 44 | 345 | 56 | 46 |
| 5 | 186 | 34 | 45 | 226 | 3 | 40 | 265 | 36 | 45 | 300 | 38 | 3 | 327 | 13 | 36 | 346 | 31 | 24 |
| 6 | 187 | 51 | 21 | 227 | 23 | 10 | 266 | 43 | 12 | 301 | 40 | 7 | 327 | 57 | 56 | 347 | 4 | 50 |
| 7 | 189 | 9 | 57 | 228 | 42 | 40 | 267 | 59 | 18 | 302 | 41 | 38 | 328 | 41 | 45 | 347 | 39 | 18 |
| 8 | 190 | 28 | 27 | 230 | 2 | 15 | 269 | 35 | 8 | 303 | 42 | 32 | 329 | 24 | 56 | 348 | 12 | 39 |
| 9 | 191 | 47 | 10 | 231 | 22 | 3 | 270 | 30 | 43 | 304 | 42 | 45 | 330 | 8 | 3 | 348 | 46 | 5 |
| 10 | 193 | 2 | 56 | 232 | 41 | 26 | 271 | 55 | 49 | 305 | 42 | 17 | 330 | 50 | 29 | 349 | 19 | 13 |
| 11 | 194 | 24 | 43 | 234 | 0 | 56 | 273 | 9 | 48 | 306 | 39 | 58 | 331 | 32 | 25 | 349 | 52 | 20 |
| 12 | 195 | 43 | 19 | 235 | 20 | 32 | 274 | 15 | 11 | 307 | 39 | 37 | 332 | 14 | 10 | 350 | 25 | 15 |
| 13 | 197 | 2 | 0 | 236 | 39 | 40 | 275 | 29 | 13 | 308 | 37 | 21 | 332 | 55 | 0 | 350 | 56 | 54 |
| 14 | 198 | 28 | 33 | 237 | 59 | 27 | 276 | 43 | 9 | 309 | 34 | 21 | 333 | 36 | 27 | 351 | 30 | 28 |
| 15 | 199 | 39 | 20 | 239 | 18 | 59 | 278 | 6 | 19 | 310 | 31 | 11 | 334 | 16 | 13 | 352 | 3 | 16 |
| 16 | 200 | 58 | 26 | 240 | 37 | 55 | 279 | 9 | 9 | 311 | 26 | 31 | 334 | 56 | 13 | 352 | 43 | 3 |
| 17 | 202 | 16 | 18 | 241 | 57 | 30 | 280 | 21 | 39 | 312 | 21 | 47 | 335 | 36 | 0 | 353 | 7 | 32 |
| 18 | 203 | 36 | 17 | 243 | 17 | 6 | 281 | 33 | 39 | 313 | 16 | 19 | 336 | 14 | 52 | 353 | 39 | 43 |
| 19 | 204 | 55 | 10 | 244 | 36 | 31 | 282 | 44 | 0 | 314 | 10 | 16 | 336 | 53 | 36 | 354 | 11 | 51 |
| 20 | 206 | 14 | 11 | 245 | 55 | 27 | 283 | 56 | 21 | 315 | 3 | 51 | 337 | 31 | 54 | 354 | 40 | 44 |
| 21 | 207 | 33 | 15 | 247 | 14 | 41 | 285 | 6 | 55 | 315 | 56 | 17 | 338 | 9 | 51 | 355 | 15 | 30 |
| 22 | 208 | 52 | 15 | 248 | 33 | 18 | 286 | 17 | 20 | 316 | 48 | 20 | 338 | 47 | 45 | 355 | 47 | 21 |
| 23 | 210 | 11 | 34 | 249 | 52 | 27 | 287 | 26 | 32 | 317 | 39 | 52 | 339 | 25 | 4 | 356 | 19 | 3 |
| 24 | 211 | 29 | 54 | 251 | 11 | 14 | 288 | 35 | 45 | 318 | 30 | 48 | 340 | 2 | 10 | 356 | 50 | 43 |
| 25 | 212 | 49 | 46 | 252 | 29 | 58 | 289 | 41 | 17 | 319 | 21 | 7 | 340 | 39 | 0 | 357 | 22 | 19 |
| 26 | 214 | 10 | 26 | 253 | 47 | 26 | 290 | 52 | 7 | 320 | 10 | 51 | 341 | 5 | 52 | 357 | 53 | 54 |
| 27 | 215 | 27 | 15 | 255 | 6 | 49 | 291 | 58 | 49 | 321 | 0 | 4 | 341 | 51 | 38 | 358 | 25 | 28 |
| 28 | 216 | 47 | 32 | 256 | 25 | 0 | 293 | 6 | 0 | 321 | 48 | 32 | 342 | 26 | 27 | 358 | 57 | 2 |
| 29 | 217 | 7 | 5 | 257 | 43 | 0 | 294 | 12 | 44 | 322 | 36 | 38 | 343 | 3 | 1 | 359 | 28 | 53 |
| 30 | 219 | 26 | 16 | 259 | 0 | 51 | 295 | 18 | 30 | 323 | 24 | 9 | 343 | 38 | 23 | 360 | 0 | 0 |

TAB. 32.

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*TAB. 32. Ascensio Obliqua graduum Signor. Borealium in Horizontib. Borealib. Australium in Horiz. Australib. quam subtrahe gradib. 360. fietq; Asc. Obliqua Signor. Austral. in Horiz. Boreal. & Signor. Boreal. in Horiz. Austral.*

Altitudines Poli.

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



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TAB. 32. *Ascensio Obliqua pro gradibus Signor. Borealium in Horizontib. Borealib. & pro gradib. Australium in Horizont. Australib. quam subtrahe gradib. 360. & fiet Asc. Obliqua Signor. Australium in Horiz. Boreal. & Boreal. in Horiz. Australib.*

Altitudines Poli.

| G. | 2 | | 4 | | 6 | | 8 | | 10 | | 12 | | 14 | | 16 | | 18 | | 20 | | 22 | | 24 | | G. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ♈ | Gr. | ′ | Gr. | ′ | Gr. | ′ | Gr. | ′ | Gr. | ′ | Gr. | ′ | Gr. | ′ | Gr. | ′ | Gr. | ′ | Gr. | ′ | Gr. | ′ | Gr. | ′ | |
| 0 | 57 | 4 | 56 | 24 | 55 | 35 | 54 | 50 | 54 | 5 | 53 | 59 | 52 | 32 | 51 | 45 | 50 | 56 | 50 | 6 | 49 | 15 | 48 | 22 | 30 |
| 1 | 58 | 6 | 57 | 22 | 56 | 36 | 55 | 51 | 55 | 5 | 54 | 19 | 53 | 31 | 52 | 44 | 51 | 54 | 51 | 4 | 50 | 12 | 49 | 18 | 29 |
| 2 | 59 | 8 | 58 | 24 | 57 | 48 | 56 | 52 | 56 | 6 | 55 | 19 | 54 | 30 | 53 | 43 | 52 | 52 | 52 | 2 | 51 | 9 | 50 | 15 | 28 |
| 3 | 60 | 11 | 59 | 26 | 58 | 39 | 57 | 53 | 57 | 6 | 56 | 19 | 55 | 30 | 54 | 42 | 53 | 51 | 53 | 0 | 52 | 6 | 51 | 12 | 27 |
| 4 | 61 | 13 | 60 | 28 | 59 | 41 | 58 | 54 | 58 | 7 | 57 | 19 | 56 | 30 | 55 | 41 | 54 | 50 | 53 | 58 | 53 | 4 | 52 | 9 | 26 |
| 5 | 62 | 16 | 61 | 30 | 60 | 43 | 59 | 56 | 59 | 8 | 58 | 19 | 57 | 30 | 56 | 40 | 55 | 49 | 54 | 56 | 54 | 2 | 53 | 7 | 25 |
| 6 | 63 | 19 | 62 | 32 | 61 | 45 | 60 | 58 | 60 | 9 | 59 | 20 | 58 | 30 | 57 | 40 | 56 | 48 | 55 | 55 | 55 | 0 | 54 | 5 | 24 |
| 7 | 64 | 22 | 63 | 35 | 62 | 47 | 62 | 0 | 61 | 11 | 60 | 21 | 59 | 31 | 58 | 40 | 57 | 48 | 56 | 54 | 55 | 59 | 55 | 3 | 23 |
| 8 | 65 | 25 | 64 | 38 | 63 | 50 | 63 | 2 | 62 | 12 | 61 | 22 | 60 | 32 | 59 | 40 | 58 | 48 | 57 | 54 | 56 | 58 | 56 | 1 | 22 |
| 9 | 66 | 28 | 65 | 41 | 64 | 52 | 64 | 4 | 63 | 14 | 62 | 23 | 61 | 33 | 60 | 41 | 59 | 48 | 58 | 53 | 57 | 57 | 57 | 0 | 21 |
| 10 | 67 | 32 | 66 | 44 | 65 | 55 | 65 | 6 | 64 | 16 | 63 | 25 | 62 | 34 | 61 | 42 | 60 | 48 | 59 | 53 | 58 | 57 | 57 | 59 | 20 |
| 11 | 68 | 36 | 67 | 47 | 66 | 58 | 66 | 9 | 65 | 18 | 64 | 27 | 63 | 36 | 62 | 43 | 61 | 49 | 60 | 59 | 59 | 57 | 58 | 59 | 19 |
| 12 | 69 | 40 | 68 | 51 | 68 | 1 | 67 | 12 | 66 | 21 | 65 | 30 | 64 | 38 | 63 | 45 | 62 | 50 | 61 | 59 | 60 | 58 | 59 | 59 | 18 |
| 13 | 70 | 44 | 69 | 55 | 69 | 5 | 68 | 15 | 67 | 23 | 66 | 32 | 65 | 40 | 64 | 47 | 63 | 51 | 62 | 56 | 61 | 59 | 60 | 59 | 17 |
| 14 | 71 | 48 | 70 | 59 | 70 | 8 | 69 | 18 | 68 | 26 | 67 | 35 | 66 | 42 | 65 | 49 | 64 | 53 | 63 | 57 | 63 | 0 | 61 | 59 | 16 |
| 15 | 72 | 53 | 72 | 3 | 71 | 12 | 70 | 21 | 69 | 29 | 68 | 38 | 67 | 45 | 66 | 51 | 65 | 55 | 64 | 59 | 64 | 1 | 63 | 0 | 15 |
| 16 | 73 | 57 | 73 | 7 | 72 | 16 | 71 | 25 | 70 | 32 | 69 | 41 | 68 | 48 | 67 | 53 | 66 | 57 | 66 | 1 | 65 | 3 | 64 | 1 | 14 |
| 17 | 75 | 2 | 74 | 11 | 73 | 20 | 72 | 29 | 71 | 36 | 70 | 44 | 69 | 51 | 68 | 56 | 68 | 0 | 67 | 3 | 66 | 5 | 65 | 3 | 13 |
| 18 | 76 | 6 | 75 | 15 | 74 | 24 | 73 | 33 | 72 | 40 | 71 | 48 | 70 | 54 | 69 | 59 | 69 | 3 | 68 | 6 | 67 | 7 | 66 | 5 | 12 |
| 19 | 77 | 11 | 76 | 19 | 75 | 28 | 74 | 37 | 73 | 44 | 72 | 51 | 71 | 57 | 71 | 2 | 70 | 6 | 69 | 8 | 68 | 9 | 67 | 7 | 11 |
| 20 | 78 | 16 | 77 | 24 | 76 | 33 | 75 | 41 | 74 | 48 | 73 | 55 | 73 | 0 | 72 | 5 | 71 | 9 | 70 | 11 | 69 | 11 | 68 | 9 | 10 |
| 21 | 79 | 21 | 78 | 29 | 77 | 37 | 76 | 45 | 75 | 52 | 74 | 59 | 74 | 4 | 73 | 9 | 72 | 12 | 71 | 14 | 70 | 14 | 69 | 12 | 9 |
| 22 | 80 | 26 | 79 | 34 | 78 | 42 | 77 | 50 | 76 | 56 | 76 | 3 | 75 | 8 | 74 | 13 | 73 | 16 | 72 | 18 | 71 | 17 | 70 | 15 | 8 |
| 23 | 81 | 31 | 80 | 39 | 79 | 47 | 78 | 54 | 78 | 1 | 77 | 7 | 76 | 12 | 75 | 17 | 74 | 20 | 73 | 21 | 72 | 21 | 71 | 18 | 7 |
| 24 | 82 | 36 | 81 | 44 | 80 | 52 | 79 | 59 | 79 | 5 | 78 | 11 | 77 | 16 | 76 | 21 | 75 | 24 | 74 | 25 | 73 | 25 | 72 | 22 | 6 |
| 25 | 83 | 41 | 82 | 49 | 81 | 57 | 81 | 4 | 80 | 10 | 79 | 16 | 78 | 21 | 77 | 25 | 76 | 28 | 75 | 29 | 74 | 29 | 73 | 26 | 5 |
| 26 | 84 | 46 | 83 | 54 | 83 | 2 | 82 | 9 | 81 | 15 | 80 | 21 | 79 | 26 | 78 | 30 | 77 | 33 | 76 | 34 | 75 | 33 | 74 | 30 | 4 |
| 27 | 85 | 51 | 84 | 59 | 84 | 7 | 83 | 14 | 82 | 20 | 81 | 26 | 80 | 31 | 79 | 35 | 78 | 38 | 77 | 39 | 76 | 37 | 75 | 35 | 3 |
| 28 | 86 | 57 | 86 | 4 | 85 | 12 | 84 | 19 | 83 | 25 | 82 | 31 | 81 | 36 | 80 | 40 | 79 | 43 | 78 | 44 | 77 | 42 | 76 | 40 | 2 |
| 29 | 88 | 2 | 87 | 9 | 86 | 17 | 85 | 24 | 84 | 30 | 83 | 36 | 82 | 41 | 81 | 45 | 80 | 48 | 79 | 49 | 78 | 47 | 77 | 45 | 1 |
| 30 | 89 | 8 | 88 | 15 | 87 | 23 | 86 | 30 | 85 | 36 | 84 | 42 | 83 | 46 | 82 | 50 | 81 | 53 | 80 | 54 | 79 | 52 | 78 | 50 | 0 |
| ♋ | | | | | | | | | | | | | | | | | | | | | | | | | ♑ |
| 0 | 89 | 8 | 88 | 15 | 87 | 23 | 86 | 30 | 85 | 36 | 84 | 42 | 83 | 46 | 82 | 50 | 81 | 53 | 80 | 54 | 79 | 52 | 78 | 50 | 30 |
| 1 | 90 | 14 | 89 | 21 | 88 | 29 | 87 | 35 | 86 | 42 | 85 | 47 | 84 | 51 | 83 | 55 | 82 | 58 | 81 | 59 | 80 | 58 | 79 | 56 | 29 |
| 2 | 91 | 19 | 90 | 27 | 89 | 35 | 81 | 41 | 87 | 47 | 86 | 53 | 85 | 57 | 85 | 1 | 84 | 4 | 83 | 5 | 82 | 4 | 81 | 2 | 28 |
| 3 | 92 | 25 | 91 | 32 | 90 | 40 | 89 | 46 | 88 | 53 | 87 | 58 | 87 | 3 | 86 | 7 | 85 | 10 | 84 | 11 | 83 | 10 | 82 | 8 | 27 |
| 4 | 93 | 30 | 92 | 38 | 91 | 46 | 90 | 52 | 89 | 58 | 89 | 4 | 88 | 9 | 87 | 13 | 86 | 16 | 85 | 17 | 84 | 16 | 83 | 14 | 26 |
| 5 | 94 | 35 | 93 | 43 | 92 | 51 | 91 | 58 | 91 | 4 | 90 | 10 | 89 | 15 | 88 | 19 | 87 | 22 | 86 | 23 | 85 | 23 | 84 | 20 | 25 |
| 6 | 95 | 41 | 94 | 48 | 93 | 57 | 93 | 3 | 92 | 10 | 91 | 16 | 90 | 21 | 89 | 25 | 88 | 28 | 87 | 29 | 86 | 29 | 85 | 27 | 24 |
| 7 | 96 | 46 | 95 | 54 | 95 | 3 | 94 | 9 | 93 | 16 | 92 | 22 | 91 | 27 | 90 | 31 | 89 | 35 | 88 | 36 | 87 | 36 | 86 | 34 | 23 |
| 8 | 97 | 52 | 97 | 0 | 96 | 8 | 95 | 15 | 94 | 22 | 93 | 28 | 92 | 33 | 91 | 37 | 90 | 41 | 89 | 43 | 88 | 43 | 87 | 41 | 22 |
| 9 | 98 | 57 | 98 | 5 | 97 | 14 | 96 | 21 | 95 | 28 | 94 | 34 | 93 | 39 | 92 | 44 | 91 | 48 | 90 | 50 | 89 | 50 | 88 | 48 | 21 |
| 10 | 100 | 2 | 99 | 10 | 98 | 19 | 97 | 27 | 96 | 34 | 95 | 41 | 94 | 46 | 93 | 51 | 92 | 55 | 91 | 57 | 90 | 57 | 89 | 55 | 20 |
| 11 | 101 | 7 | 100 | 16 | 99 | 25 | 98 | 33 | 97 | 40 | 96 | 47 | 95 | 52 | 94 | 57 | 94 | 1 | 93 | 4 | 92 | 4 | 91 | 2 | 19 |
| 12 | 102 | 12 | 101 | 21 | 100 | 30 | 99 | 39 | 98 | 46 | 97 | 53 | 96 | 59 | 96 | 4 | 95 | 8 | 94 | 11 | 93 | 12 | 92 | 10 | 18 |
| 13 | 103 | 17 | 102 | 27 | 101 | 36 | 100 | 44 | 99 | 51 | 99 | 0 | 98 | 5 | 97 | 11 | 96 | 15 | 95 | 18 | 94 | 19 | 93 | 18 | 17 |
| 14 | 104 | 22 | 103 | 32 | 102 | 41 | 101 | 50 | 100 | 57 | 100 | 6 | 99 | 12 | 98 | 18 | 97 | 22 | 96 | 25 | 95 | 27 | 94 | 26 | 16 |
| 15 | 105 | 27 | 104 | 37 | 103 | 46 | 102 | 55 | 102 | 3 | 101 | 12 | 100 | 19 | 99 | 25 | 98 | 29 | 97 | 33 | 96 | 35 | 95 | 34 | 15 |
| 16 | 106 | 32 | 105 | 42 | 104 | 52 | 104 | 1 | 103 | 10 | 102 | 19 | 101 | 26 | 100 | 32 | 99 | 37 | 98 | 40 | 97 | 43 | 96 | 42 | 14 |
| 17 | 107 | 37 | 106 | 47 | 105 | 57 | 105 | 7 | 104 | 16 | 103 | 25 | 102 | 33 | 101 | 39 | 100 | 44 | 99 | 48 | 98 | 51 | 97 | 50 | 13 |
| 18 | 108 | 41 | 107 | 53 | 107 | 3 | 106 | 13 | 105 | 22 | 104 | 31 | 103 | 39 | 102 | 46 | 101 | 52 | 100 | 55 | 99 | 59 | 98 | 59 | 12 |
| 19 | 109 | 46 | 108 | 57 | 108 | 8 | 107 | 19 | 106 | 28 | 105 | 37 | 104 | 46 | 103 | 53 | 102 | 59 | 102 | 3 | 101 | 7 | 100 | 8 | 11 |
| 20 | 110 | 50 | 110 | 2 | 109 | 13 | 108 | 24 | 107 | 34 | 106 | 43 | 105 | 52 | 105 | 0 | 104 | 6 | 103 | 11 | 102 | 15 | 101 | 16 | 10 |
| 21 | 111 | 54 | 111 | 7 | 110 | 18 | 109 | 30 | 108 | 40 | 107 | 49 | 106 | 59 | 106 | 7 | 105 | 14 | 104 | 18 | 103 | 23 | 102 | 25 | 9 |
| 22 | 112 | 58 | 112 | 11 | 111 | 23 | 110 | 35 | 109 | 46 | 108 | 55 | 108 | 5 | 107 | 14 | 106 | 21 | 105 | 26 | 104 | 31 | 103 | 34 | 8 |
| 23 | 114 | 2 | 113 | 16 | 112 | 28 | 111 | 40 | 110 | 51 | 110 | 1 | 109 | 12 | 108 | 21 | 107 | 29 | 106 | 34 | 105 | 39 | 104 | 43 | 7 |
| 24 | 115 | 6 | 114 | 20 | 113 | 33 | 112 | 45 | 111 | 7 | 111 | 7 | 110 | 18 | 109 | 20 | 108 | 36 | 107 | 42 | 106 | 47 | 105 | 52 | 6 |
| 25 | 116 | 10 | 115 | 24 | 114 | 37 | 113 | 50 | 113 | 2 | 112 | 13 | 111 | 24 | 110 | 34 | 109 | 43 | 108 | 50 | 107 | 56 | 107 | 1 | 5 |
| 26 | 117 | 14 | 116 | 28 | 115 | 42 | 114 | 55 | 114 | 8 | 113 | 19 | 112 | 31 | 111 | 41 | 110 | 51 | 109 | 58 | 109 | 5 | 108 | 10 | 4 |
| 27 | 118 | 18 | 117 | 32 | 116 | 46 | 116 | 0 | 115 | 13 | 114 | 25 | 113 | 37 | 112 | 48 | 111 | 58 | 111 | 6 | 110 | 14 | 109 | 19 | 3 |
| 28 | 119 | 21 | 118 | 36 | 117 | 51 | 117 | 5 | 116 | 19 | 115 | 31 | 114 | 44 | 113 | 55 | 113 | 6 | 112 | 14 | 111 | 22 | 110 | 28 | 2 |
| 29 | 120 | 25 | 119 | 40 | 118 | 55 | 118 | 10 | 117 | 24 | 116 | 37 | 115 | 50 | 115 | 2 | 114 | 13 | 113 | 22 | 112 | 31 | 111 | 37 | 1 |
| 30 | 121 | 28 | 120 | 44 | 119 | 59 | 119 | 14 | 118 | 29 | 117 | 43 | 116 | 56 | 116 | 9 | 115 | 20 | 114 | 30 | 113 | 39 | 112 | 46 | 0 |
| | | | | | | | | | | | | | | | | | | | | | | | | | ♓ |

*Ascen-*

*Ascensio Obliqua pro gradibus Signorum Borealium in Horizontibus Borealibus, & pro Australium in Horizontibus Australibus. De reliquis vide initium Tabulæ.*

Altitudines Poli.

| G. | 2 | 4 | 6 | 8 | 10 | 12 | 14 | 16 | 18 | 20 | 22 | 24 | G. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ♌ | Gr. ′ | Gr. ′ | Gr. ′ | Gr. ′ | Gr. ′ | Gr. ′ | Gr. ′ | Gr. ′ | Gr. ′ | Gr. ′ | Gr. ′ | Gr. ′ | |
| 0 | 121 28 | 120 44 | 119 59 | 119 14 | 118 29 | 117 43 | 116 56 | 116 19 | 115 20 | 114 30 | 113 39 | 112 46 | 30 |
| 1 | 122 31 | 121 47 | 121 3 | 120 19 | 119 34 | 118 49 | 118 2 | 117 16 | 116 27 | 115 38 | 114 48 | 113 55 | 29 |
| 2 | 123 33 | 122 50 | 122 7 | 121 23 | 120 39 | 119 54 | 119 8 | 118 22 | 117 34 | 116 46 | 115 56 | 115 4 | 28 |
| 3 | 124 36 | 123 53 | 123 10 | 122 27 | 121 43 | 120 59 | 120 14 | 119 29 | 118 41 | 117 54 | 117 4 | 116 13 | 27 |
| 4 | 125 38 | 124 56 | 124 14 | 123 31 | 222 48 | 122 4 | 121 20 | 120 35 | 119 48 | 119 1 | 118 12 | 117 22 | 26 |
| 5 | 126 40 | 125 59 | 125 17 | 124 25 | 123 52 | 123 9 | 122 25 | 121 41 | 120 55 | 120 8 | 119 20 | 118 31 | 25 |
| 6 | 127 42 | 127 2 | 126 20 | 125 39 | 124 56 | 124 14 | 123 31 | 122 47 | 122 2 | 121 16 | 120 28 | 119 40 | 24 |
| 7 | 128 44 | 128 4 | 127 23 | 126 42 | 126 0 | 125 19 | 124 36 | 123 53 | 123 9 | 122 23 | 121 36 | 120 49 | 23 |
| 8 | 129 45 | 129 6 | 128 26 | 127 46 | 127 4 | 126 23 | 125 42 | 124 59 | 124 15 | 123 31 | 122 44 | 121 57 | 22 |
| 9 | 130 47 | 130 8 | 129 29 | 128 49 | 128 8 | 127 28 | 126 47 | 126 5 | 125 22 | 124 38 | 123 52 | 123 6 | 21 |
| 10 | 131 48 | 131 10 | 130 31 | 129 52 | 129 12 | 128 32 | 127 52 | 127 10 | 126 28 | 125 45 | 125 0 | 124 14 | 20 |
| 11 | 132 50 | 132 12 | 131 34 | 130 55 | 130 16 | 129 37 | 128 57 | 128 16 | 127 35 | 126 53 | 126 8 | 125 23 | 19 |
| 12 | 133 51 | 133 14 | 132 36 | 131 58 | 131 20 | 130 41 | 130 2 | 129 22 | 128 41 | 128 0 | 127 16 | 126 32 | 18 |
| 13 | 134 52 | 134 15 | 133 39 | 133 1 | 132 24 | 131 46 | 131 7 | 130 28 | 129 48 | 129 7 | 128 24 | 127 42 | 17 |
| 14 | 135 53 | 135 17 | 134 41 | 134 4 | 133 28 | 132 50 | 132 12 | 131 34 | 130 54 | 130 14 | 129 32 | 128 50 | 16 |
| 15 | 136 54 | 136 18 | 135 43 | 135 7 | 134 31 | 133 54 | 133 17 | 132 39 | 132 0 | 131 21 | 130 40 | 129 58 | 15 |
| 16 | 137 54 | 137 19 | 136 45 | 136 9 | 135 34 | 134 58 | 134 22 | 133 44 | 133 6 | 132 28 | 131 48 | 131 6 | 14 |
| 17 | 138 54 | 138 20 | 137 46 | 137 11 | 136 37 | 136 1 | 135 26 | 134 49 | 134 12 | 133 34 | 132 55 | 132 14 | 13 |
| 18 | 139 54 | 139 20 | 138 47 | 138 13 | 137 40 | 137 5 | 136 30 | 135 54 | 135 17 | 134 41 | 134 2 | 133 22 | 12 |
| 19 | 140 54 | 140 21 | 139 48 | 139 15 | 138 43 | 138 8 | 137 34 | 136 59 | 136 23 | 135 47 | 135 9 | 134 30 | 11 |
| 20 | 141 53 | 141 21 | 140 49 | 140 17 | 139 45 | 139 11 | 138 38 | 138 3 | 137 28 | 136 53 | 136 16 | 135 38 | 10 |
| 21 | 142 53 | 142 22 | 141 50 | 141 19 | 140 48 | 140 14 | 139 42 | 139 8 | 138 34 | 138 0 | 137 23 | 136 46 | 9 |
| 22 | 143 52 | 143 22 | 142 50 | 142 20 | 141 50 | 141 17 | 140 46 | 140 13 | 139 39 | 139 6 | 138 30 | 137 54 | 8 |
| 23 | 144 52 | 144 22 | 143 51 | 143 22 | 142 52 | 142 20 | 141 49 | 141 17 | 140 45 | 140 12 | 139 37 | 139 2 | 7 |
| 24 | 145 51 | 145 22 | 144 51 | 144 23 | 143 54 | 143 23 | 142 53 | 142 22 | 141 50 | 141 18 | 140 44 | 140 10 | 6 |
| 25 | 146 50 | 146 22 | 145 51 | 145 24 | 144 56 | 144 26 | 143 56 | 143 26 | 142 55 | 142 24 | 141 51 | 141 18 | 5 |
| 26 | 147 49 | 147 21 | 146 52 | 146 25 | 145 58 | 145 29 | 144 59 | 144 30 | 144 0 | 143 30 | 142 58 | 142 26 | 4 |
| 27 | 148 47 | 148 20 | 147 52 | 147 26 | 146 59 | 146 31 | 146 2 | 145 34 | 145 5 | 144 35 | 144 4 | 143 33 | 3 |
| 28 | 149 46 | 149 19 | 148 52 | 148 27 | 148 1 | 147 33 | 147 5 | 146 38 | 146 10 | 145 41 | 145 11 | 144 40 | 2 |
| 29 | 150 46 | 150 18 | 149 52 | 149 28 | 149 2 | 148 35 | 148 8 | 147 42 | 147 15 | 146 46 | 146 17 | 145 47 | 1 |
| 30 | 151 42 | 151 17 | 150 52 | 150 28 | 150 3 | 149 37 | 149 11 | 148 45 | 148 19 | 147 51 | 147 23 | 146 54 | 0 |
| ♍ | | | | | | | | | | | | | |
| 0 | 151 42 | 151 17 | 150 52 | 150 28 | 150 3 | 149 37 | 149 11 | 148 45 | 148 19 | 147 51 | 147 23 | 146 54 | 30 |
| 1 | 152 40 | 152 16 | 151 52 | 151 28 | 151 4 | 150 39 | 150 14 | 149 49 | 149 24 | 148 57 | 148 29 | 148 10 | 29 |
| 2 | 153 38 | 153 15 | 152 51 | 152 28 | 152 5 | 151 41 | 151 17 | 150 52 | 150 28 | 150 2 | 149 35 | 149 8 | 28 |
| 3 | 154 35 | 154 17 | 153 51 | 153 28 | 153 6 | 152 43 | 152 19 | 151 56 | 151 32 | 151 7 | 150 41 | 150 15 | 27 |
| 4 | 155 33 | 155 12 | 154 50 | 154 28 | 154 7 | 153 45 | 153 22 | 152 59 | 152 36 | 152 12 | 151 47 | 151 22 | 26 |
| 5 | 156 30 | 156 30 | 155 59 | 155 28 | 155 7 | 154 46 | 154 24 | 154 2 | 153 40 | 153 17 | 152 53 | 152 29 | 25 |
| 6 | 157 28 | 157 8 | 156 48 | 156 28 | 156 8 | 155 48 | 155 27 | 155 5 | 154 44 | 154 22 | 153 59 | 153 36 | 24 |
| 7 | 158 25 | 158 6 | 157 47 | 157 28 | 157 8 | 156 49 | 156 29 | 156 8 | 155 48 | 155 27 | 155 5 | 154 43 | 23 |
| 8 | 159 22 | 159 4 | 158 46 | 158 27 | 158 9 | 157 50 | 157 31 | 157 11 | 156 52 | 156 32 | 156 11 | 155 49 | 22 |
| 9 | 160 19 | 160 2 | 159 45 | 159 27 | 159 9 | 158 51 | 158 33 | 158 14 | 157 56 | 157 37 | 157 17 | 156 56 | 21 |
| 10 | 161 16 | 161 0 | 160 43 | 160 26 | 160 9 | 159 52 | 159 35 | 159 17 | 158 59 | 158 41 | 158 22 | 158 2 | 20 |
| 11 | 162 13 | 161 58 | 161 42 | 161 26 | 161 9 | 160 53 | 160 37 | 160 20 | 160 3 | 159 46 | 159 28 | 159 9 | 19 |
| 12 | 163 10 | 162 55 | 162 40 | 162 25 | 162 9 | 161 54 | 161 39 | 161 23 | 161 6 | 160 50 | 160 33 | 160 15 | 18 |
| 13 | 164 7 | 163 53 | 163 39 | 163 24 | 163 9 | 162 55 | 162 40 | 162 25 | 162 10 | 161 54 | 161 38 | 161 21 | 17 |
| 14 | 165 4 | 164 50 | 164 37 | 164 23 | 164 9 | 163 56 | 163 42 | 163 28 | 163 13 | 162 58 | 162 43 | 162 27 | 16 |
| 15 | 166 0 | 165 47 | 165 35 | 165 22 | 165 9 | 164 56 | 164 43 | 164 30 | 164 16 | 164 2 | 163 48 | 163 33 | 15 |
| 16 | 166 57 | 166 44 | 166 33 | 166 21 | 166 9 | 165 57 | 165 45 | 165 33 | 165 19 | 165 6 | 164 53 | 164 39 | 14 |
| 17 | 167 53 | 167 41 | 167 31 | 167 20 | 167 9 | 166 57 | 166 46 | 166 35 | 166 22 | 166 10 | 165 58 | 165 45 | 13 |
| 18 | 168 49 | 168 38 | 168 29 | 168 18 | 168 8 | 167 58 | 167 48 | 167 37 | 167 25 | 167 14 | 167 3 | 166 51 | 12 |
| 19 | 169 45 | 169 35 | 169 27 | 169 17 | 169 8 | 168 58 | 168 49 | 168 39 | 168 28 | 168 18 | 168 8 | 167 57 | 11 |
| 20 | 170 31 | 170 32 | 170 24 | 170 15 | 170 7 | 169 58 | 169 50 | 169 41 | 169 31 | 169 22 | 169 13 | 169 3 | 10 |
| 21 | 171 37 | 171 29 | 171 22 | 171 14 | 171 7 | 170 59 | 170 51 | 170 43 | 170 34 | 170 26 | 170 18 | 170 9 | 9 |
| 22 | 172 33 | 172 26 | 172 20 | 172 13 | 172 6 | 171 59 | 171 52 | 171 45 | 171 37 | 171 30 | 171 23 | 171 15 | 8 |
| 23 | 173 29 | 173 23 | 173 17 | 173 11 | 173 6 | 173 0 | 172 53 | 172 47 | 172 40 | 172 34 | 172 28 | 172 21 | 7 |
| 24 | 174 25 | 174 20 | 174 15 | 174 10 | 174 5 | 174 0 | 173 54 | 173 49 | 173 43 | 173 38 | 173 33 | 173 27 | 6 |
| 25 | 175 21 | 175 17 | 175 12 | 175 8 | 175 4 | 175 0 | 174 55 | 174 51 | 174 46 | 174 42 | 174 37 | 174 32 | 5 |
| 26 | 176 17 | 176 14 | 176 10 | 176 7 | 176 4 | 176 0 | 175 56 | 175 53 | 175 49 | 175 46 | 175 42 | 175 38 | 4 |
| 27 | 177 13 | 177 11 | 177 8 | 177 5 | 177 3 | 177 0 | 176 57 | 176 55 | 176 52 | 176 50 | 176 47 | 176 44 | 3 |
| 28 | 178 9 | 178 7 | 178 5 | 178 4 | 178 2 | 178 0 | 177 58 | 177 57 | 177 55 | 177 53 | 177 51 | 177 49 | 2 |
| 29 | 179 5 | 179 4 | 179 3 | 179 2 | 179 1 | 179 0 | 178 59 | 178 59 | 178 58 | 178 57 | 178 56 | 178 55 | 1 |
| 30 | 180 0 | 180 0 | 180 0 | 180 0 | 180 0 | 180 0 | 180 0 | 180 0 | 180 0 | 180 0 | 180 0 | 180 0 | 0 |
| G. | | | | | | | | | | | | | G. |

Ascen-

*Ascensio Obliqua pro gradibus Signor. Borealium in Horizontib. Borealib & pro gradib. Signor. Australium in Horizont. Australib. De reliquis vide initium Tabulæ.*

Altitudines Poli.

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



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*Ascensio Obliqua pro gradibus Signor. Borealium in Horizontib. Borealib. & pro gradib. Signor. Australium in Horizont. Australib. Pro reliquis vide initium Tabulæ.*

Altitudines Poli.

| G. | 26 | | 28 | | 30 | | 32 | | 34 | | 36 | | 38 | | 40 | | 41 | | 42 | | 43 | | 44 | | G. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ♈ | Gr. | ′ | Gr. | ′ | Gr. | ′ | Gr. | ′ | Gr. | ′ | Gr. | ′ | Gr. | ′ | Gr. | ′ | Gr. | ′ | Gr. | ′ | Gr. | ′ | Gr. | ′ | |
| 0 | 47 | 28 | 46 | 31 | 45 | 32 | 44 | 31 | 43 | 26 | 42 | 18 | 41 | 6 | 39 | 49 | 39 | 9 | 38 | 27 | 37 | 44 | 36 | 59 | 30 |
| 1 | 48 | 24 | 47 | 26 | 46 | 27 | 45 | 25 | 44 | 19 | 43 | 10 | 41 | 57 | 40 | 39 | 39 | 58 | 39 | 16 | 38 | 33 | 37 | 41 | 29 |
| 2 | 49 | 20 | 48 | 21 | 47 | 22 | 46 | 19 | 45 | 12 | 44 | 2 | 42 | 48 | 41 | 30 | 40 | 48 | 40 | 6 | 39 | 22 | 38 | 46 | 28 |
| 3 | 50 | 16 | 49 | 17 | 48 | 17 | 47 | 13 | 46 | 6 | 44 | 55 | 43 | 40 | 42 | 21 | 41 | 39 | 40 | 56 | 40 | 12 | 39 | 26 | 27 |
| 4 | 51 | 12 | 50 | 13 | 49 | 12 | 48 | 7 | 47 | 0 | 45 | 48 | 44 | 32 | 43 | 12 | 42 | 30 | 41 | 46 | 41 | 2 | 40 | 14 | 26 |
| 5 | 52 | 9 | 51 | 9 | 50 | 7 | 49 | 2 | 47 | 54 | 46 | 42 | 45 | 25 | 44 | 4 | 43 | 22 | 42 | 37 | 41 | 52 | 41 | 4 | 25 |
| 6 | 53 | 6 | 52 | 6 | 51 | 3 | 49 | 58 | 48 | 49 | 47 | 36 | 46 | 18 | 44 | 56 | 44 | 14 | 43 | 28 | 42 | 43 | 41 | 55 | 24 |
| 7 | 54 | 4 | 53 | 3 | 52 | 0 | 50 | 54 | 49 | 44 | 48 | 30 | 47 | 12 | 45 | 49 | 45 | 7 | 44 | 20 | 43 | 35 | 42 | 46 | 23 |
| 8 | 55 | 2 | 54 | 6 | 52 | 57 | 51 | 50 | 50 | 40 | 49 | 25 | 48 | 6 | 46 | 43 | 46 | 0 | 45 | 13 | 44 | 27 | 43 | 38 | 22 |
| 9 | 56 | 0 | 54 | 58 | 53 | 54 | 52 | 46 | 51 | 36 | 50 | 20 | 49 | 1 | 47 | 37 | 46 | 53 | 46 | 7 | 45 | 20 | 44 | 30 | 21 |
| 10 | 56 | 59 | 55 | 56 | 54 | 51 | 53 | 43 | 52 | 32 | 51 | 16 | 49 | 57 | 48 | 32 | 47 | 47 | 47 | 1 | 46 | 13 | 45 | 23 | 20 |
| 11 | 57 | 58 | 56 | 55 | 55 | 50 | 54 | 40 | 53 | 29 | 52 | 12 | 50 | 53 | 49 | 27 | 48 | 42 | 47 | 56 | 47 | 7 | 46 | 17 | 19 |
| 12 | 58 | 58 | 57 | 54 | 56 | 49 | 55 | 38 | 54 | 26 | 53 | 9 | 51 | 49 | 50 | 23 | 49 | 38 | 48 | 51 | 48 | 2 | 47 | 11 | 18 |
| 13 | 59 | 58 | 58 | 54 | 57 | 48 | 56 | 37 | 55 | 24 | 54 | 7 | 52 | 46 | 51 | 19 | 50 | 34 | 49 | 47 | 48 | 57 | 48 | 6 | 17 |
| 14 | 60 | 58 | 59 | 54 | 58 | 47 | 57 | 36 | 56 | 23 | 55 | 5 | 53 | 43 | 52 | 16 | 51 | 30 | 50 | 43 | 49 | 53 | 49 | 1 | 16 |
| 15 | 61 | 58 | 60 | 54 | 59 | 47 | 58 | 36 | 57 | 22 | 56 | 4 | 54 | 41 | 53 | 13 | 52 | 27 | 51 | 39 | 50 | 49 | 49 | 57 | 15 |
| 16 | 62 | 59 | 61 | 55 | 60 | 47 | 59 | 36 | 58 | 21 | 57 | 3 | 55 | 39 | 54 | 11 | 53 | 25 | 52 | 36 | 51 | 46 | 50 | 53 | 14 |
| 17 | 64 | 0 | 62 | 56 | 61 | 48 | 60 | 36 | 59 | 21 | 58 | 2 | 56 | 38 | 55 | 9 | 54 | 23 | 53 | 34 | 52 | 44 | 51 | 50 | 13 |
| 18 | 65 | 2 | 63 | 57 | 62 | 49 | 61 | 37 | 60 | 21 | 59 | 2 | 57 | 37 | 56 | 8 | 55 | 22 | 54 | 32 | 53 | 42 | 52 | 48 | 12 |
| 19 | 66 | 4 | 64 | 58 | 63 | 50 | 62 | 38 | 61 | 22 | 60 | 2 | 58 | 37 | 57 | 7 | 56 | 21 | 55 | 31 | 54 | 40 | 53 | 47 | 11 |
| 20 | 67 | 6 | 66 | 0 | 64 | 51 | 63 | 39 | 62 | 23 | 61 | 3 | 59 | 38 | 58 | 7 | 57 | 20 | 56 | 30 | 55 | 39 | 54 | 46 | 10 |
| 21 | 68 | 9 | 67 | 2 | 65 | 53 | 64 | 41 | 63 | 24 | 62 | 4 | 60 | 39 | 59 | 7 | 58 | 20 | 57 | 30 | 56 | 39 | 55 | 45 | 9 |
| 22 | 69 | 12 | 68 | 5 | 66 | 56 | 65 | 43 | 64 | 26 | 63 | 6 | 61 | 40 | 60 | 8 | 59 | 21 | 58 | 31 | 57 | 40 | 56 | 45 | 8 |
| 23 | 70 | 15 | 69 | 8 | 67 | 59 | 66 | 45 | 65 | 28 | 64 | 8 | 62 | 42 | 61 | 10 | 60 | 22 | 59 | 32 | 58 | 41 | 57 | 46 | 7 |
| 24 | 71 | 18 | 70 | 11 | 69 | 2 | 67 | 48 | 66 | 31 | 65 | 10 | 63 | 44 | 62 | 12 | 61 | 24 | 60 | 34 | 59 | 43 | 58 | 48 | 6 |
| 25 | 72 | 22 | 71 | 15 | 70 | 5 | 68 | 51 | 67 | 34 | 66 | 13 | 64 | 47 | 63 | 15 | 62 | 27 | 61 | 37 | 60 | 45 | 59 | 50 | 5 |
| 26 | 73 | 26 | 72 | 19 | 71 | 9 | 69 | 55 | 68 | 38 | 67 | 16 | 65 | 50 | 64 | 18 | 63 | 30 | 62 | 40 | 61 | 48 | 60 | 53 | 4 |
| 27 | 74 | 30 | 73 | 23 | 72 | 13 | 70 | 59 | 69 | 42 | 68 | 20 | 66 | 54 | 65 | 22 | 64 | 34 | 63 | 44 | 62 | 51 | 61 | 57 | 3 |
| 28 | 75 | 35 | 74 | 28 | 73 | 18 | 72 | 4 | 70 | 47 | 69 | 24 | 67 | 58 | 66 | 26 | 65 | 38 | 64 | 48 | 63 | 55 | 63 | 1 | 2 |
| 29 | 76 | 40 | 75 | 33 | 74 | 23 | 73 | 9 | 71 | 52 | 70 | 29 | 69 | 3 | 67 | 31 | 66 | 42 | 65 | 52 | 65 | 0 | 64 | 5 | 1 |
| 30 | 77 | 45 | 76 | 38 | 75 | 28 | 74 | 14 | 72 | 57 | 71 | 35 | 70 | 8 | 68 | 36 | 67 | 47 | 66 | 57 | 66 | 5 | 65 | 10 | 0 |
| ♋ | | | | | | | | | | | | | | | | | | | | | | | | | ♑ |
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| 3 | 81 | 3 | 79 | 56 | 78 | 46 | 77 | 31 | 76 | 15 | 74 | 53 | 73 | 27 | 71 | 54 | 71 | 6 | 70 | 16 | 69 | 24 | 68 | 28 | 27 |
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| 5 | 83 | 16 | 82 | 9 | 80 | 59 | 79 | 45 | 78 | 28 | 77 | 7 | 75 | 41 | 74 | 9 | 73 | 21 | 72 | 31 | 71 | 39 | 70 | 44 | 25 |
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| 9 | 87 | 44 | 86 | 38 | 85 | 29 | 84 | 17 | 83 | 0 | 81 | 40 | 80 | 15 | 78 | 43 | 77 | 56 | 77 | 6 | 76 | 14 | 75 | 22 | 21 |
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| 14 | 93 | 24 | 92 | 19 | 91 | 11 | 90 | 1 | 88 | 46 | 87 | 28 | 86 | 4 | 84 | 35 | 83 | 49 | 83 | 1 | 82 | 11 | 81 | 18 | 16 |
| 15 | 94 | 32 | 93 | 28 | 92 | 20 | 91 | 10 | 89 | 56 | 88 | 38 | 87 | 15 | 85 | 47 | 85 | 1 | 84 | 13 | 83 | 23 | 82 | 31 | 15 |
| 16 | 95 | 41 | 94 | 37 | 93 | 29 | 92 | 20 | 91 | 6 | 89 | 49 | 88 | 26 | 86 | 59 | 86 | 13 | 85 | 26 | 84 | 36 | 83 | 44 | 14 |
| 17 | 96 | 50 | 95 | 46 | 94 | 39 | 93 | 30 | 92 | 17 | 91 | 0 | 89 | 38 | 88 | 12 | 87 | 26 | 86 | 39 | 85 | 50 | 84 | 58 | 13 |
| 18 | 97 | 59 | 96 | 55 | 95 | 49 | 94 | 40 | 93 | 28 | 92 | 11 | 90 | 50 | 89 | 24 | 88 | 39 | 87 | 52 | 87 | 4 | 86 | 12 | 12 |
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| G. | | | | | | | | | | | | | | | | | | | | | | | | | ♑ |



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| G. ☊ | 26 G. | 26 ′ | 28 G. | 28 ′ | 30 G. | 30 ′ | 32 G. | 32 ′ | 34 G. | 34 ′ | 36 G. | 36 ′ | 38 G. | 38 ′ | 40 G. | 40 ′ | 41 G. | 41 ′ | 42 G. | 42 ′ | 43 G. | 43 ′ | 44 G. | 44 ′ | G. ☊ |
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| 13 | 126 | 56 | 126 | 10 | 125 | 21 | 124 | 30 | 123 | 37 | 122 | 40 | 121 | 43 | 120 | 39 | 120 | 6 | 119 | 32 | 118 | 58 | 118 | 21 | 17 |
| 14 | 128 | 6 | 127 | 20 | 126 | 32 | 125 | 42 | 124 | 50 | 123 | 55 | 122 | 58 | 121 | 55 | 121 | 23 | 120 | 50 | 120 | 16 | 119 | 41 | 16 |
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| 18 | 132 | 42 | 132 | 0 | 131 | 16 | 130 | 30 | 129 | 42 | 128 | 51 | 127 | 58 | 127 | 2 | 126 | 34 | 126 | 0 | 125 | 29 | 124 | 57 | 12 |
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| 24 | 139 | 35 | 138 | 58 | 138 | 20 | 137 | 41 | 136 | 59 | 136 | 15 | 135 | 28 | 134 | 40 | 134 | 14 | 133 | 48 | 133 | 21 | 132 | 52 | 6 |
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| 26 | 141 | 52 | 141 | 17 | 140 | 41 | 140 | 4 | 139 | 24 | 138 | 42 | 137 | 58 | 137 | 12 | 136 | 48 | 136 | 23 | 135 | 58 | 135 | 30 | 4 |
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| 29 | 145 | 16 | 144 | 44 | 144 | 11 | 143 | 37 | 143 | 1 | 142 | 23 | 141 | 43 | 141 | 0 | 140 | 39 | 140 | 16 | 139 | 52 | 139 | 27 | 1 |
| 30 | 146 | 24 | 145 | 53 | 145 | 21 | 144 | 48 | 144 | 13 | 143 | 36 | 142 | 57 | 142 | 16 | 141 | 55 | 141 | 33 | 141 | 10 | 140 | 46 | 0 |
| ☊ | | | | | | | | | | | | | | | | | | | | | | | | | ☊ |
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| 7 | 154 | 20 | 153 | 56 | 153 | 31 | 153 | 5 | 152 | 38 | 152 | 10 | 151 | 40 | 151 | 8 | 150 | 52 | 150 | 35 | 150 | 17 | 149 | 59 | 23 |
| 8 | 155 | 27 | 155 | 5 | 154 | 41 | 154 | 16 | 153 | 50 | 153 | 23 | 152 | 54 | 152 | 23 | 152 | 8 | 151 | 52 | 151 | 35 | 151 | 18 | 22 |
| 9 | 156 | 35 | 156 | 13 | 155 | 51 | 155 | 27 | 155 | 2 | 154 | 36 | 154 | 9 | 153 | 39 | 153 | 25 | 153 | 9 | 152 | 53 | 152 | 37 | 21 |
| 10 | 157 | 42 | 157 | 21 | 157 | 1 | 156 | 37 | 156 | 13 | 155 | 49 | 155 | 23 | 154 | 54 | 154 | 41 | 154 | 26 | 154 | 10 | 153 | 55 | 20 |
| 11 | 158 | 50 | 158 | 30 | 158 | 10 | 157 | 48 | 157 | 25 | 157 | 2 | 156 | 37 | 156 | 10 | 155 | 58 | 155 | 43 | 155 | 28 | 155 | 14 | 19 |
| 12 | 159 | 57 | 159 | 38 | 159 | 19 | 158 | 58 | 158 | 37 | 158 | 15 | 157 | 51 | 157 | 26 | 157 | 14 | 157 | 0 | 156 | 46 | 156 | 32 | 18 |
| 13 | 161 | 4 | 160 | 46 | 160 | 28 | 160 | 9 | 159 | 48 | 159 | 28 | 159 | 5 | 158 | 41 | 158 | 30 | 158 | 17 | 158 | 4 | 157 | 51 | 17 |
| 14 | 162 | 11 | 161 | 54 | 161 | 37 | 161 | 19 | 161 | 0 | 160 | 41 | 160 | 19 | 159 | 57 | 159 | 46 | 159 | 34 | 159 | 22 | 159 | 9 | 16 |
| 15 | 163 | 18 | 163 | 2 | 162 | 46 | 162 | 29 | 162 | 11 | 161 | 53 | 161 | 33 | 161 | 12 | 161 | 2 | 160 | 50 | 160 | 39 | 160 | 27 | 15 |
| 16 | 164 | 25 | 164 | 10 | 163 | 55 | 163 | 40 | 163 | 23 | 163 | 6 | 162 | 47 | 162 | 28 | 162 | 18 | 162 | 7 | 161 | 56 | 161 | 46 | 14 |
| 17 | 165 | 32 | 165 | 18 | 165 | 4 | 164 | 50 | 164 | 34 | 164 | 19 | 164 | 1 | 163 | 43 | 163 | 34 | 163 | 24 | 163 | 13 | 163 | 4 | 13 |
| 18 | 166 | 39 | 166 | 26 | 166 | 13 | 166 | 0 | 165 | 46 | 165 | 31 | 165 | 15 | 164 | 59 | 164 | 50 | 164 | 41 | 164 | 31 | 164 | 22 | 12 |
| 19 | 167 | 46 | 167 | 34 | 167 | 22 | 167 | 10 | 166 | 57 | 166 | 44 | 166 | 29 | 166 | 14 | 166 | 6 | 165 | 58 | 165 | 48 | 165 | 40 | 11 |
| 20 | 168 | 53 | 168 | 42 | 168 | 31 | 168 | 20 | 168 | 8 | 167 | 56 | 167 | 42 | 167 | 29 | 167 | 21 | 167 | 14 | 167 | 6 | 166 | 58 | 10 |
| 21 | 170 | 0 | 169 | 50 | 169 | 40 | 169 | 30 | 169 | 20 | 169 | 9 | 168 | 56 | 168 | 45 | 168 | 37 | 168 | 31 | 168 | 23 | 168 | 17 | 9 |
| 22 | 171 | 7 | 170 | 58 | 170 | 49 | 170 | 40 | 170 | 31 | 170 | 21 | 170 | 10 | 170 | 0 | 169 | 53 | 169 | 48 | 169 | 41 | 169 | 35 | 8 |
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| 24 | 173 | 21 | 173 | 14 | 173 | 7 | 173 | 0 | 172 | 53 | 172 | 46 | 172 | 38 | 172 | 30 | 172 | 25 | 172 | 21 | 172 | 16 | 172 | 12 | 6 |
| 25 | 174 | 27 | 174 | 21 | 174 | 16 | 174 | 10 | 174 | 4 | 173 | 58 | 173 | 52 | 173 | 45 | 173 | 41 | 173 | 37 | 173 | 34 | 173 | 30 | 5 |
| 26 | 175 | 34 | 175 | 29 | 175 | 25 | 175 | 20 | 175 | 16 | 175 | 11 | 175 | 6 | 175 | 0 | 174 | 57 | 174 | 54 | 174 | 51 | 174 | 48 | 4 |
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| 28 | 177 | 47 | 177 | 45 | 177 | 43 | 177 | 40 | 177 | 38 | 177 | 36 | 177 | 33 | 177 | 30 | 177 | 29 | 177 | 27 | 177 | 25 | 177 | 24 | 2 |
| 29 | 178 | 54 | 178 | 53 | 178 | 52 | 178 | 50 | 178 | 49 | 178 | 48 | 178 | 47 | 178 | 45 | 178 | 45 | 178 | 44 | 178 | 42 | 178 | 42 | 1 |
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| G. | 45 | | 46 | | 47 | | 48 | | 49 | | 50 | | 51 | | 52 | | 53 | | 54 | | 55 | | 56 | | |
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| Y | Gr. | ′ | Gr. | ′ | Gr. | ′ | Gr. | ′ | Gr. | ′ | Gr. | ′ | Gr. | ′ | Gr. | ′ | Gr. | ′ | Gr. | ′ | Gr. | ′ | Gr. | ′ | |
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| 15 | 25 | 26 | 24 | 48 | 24 | 9 | 23 | 28 | 22 | 46 | 22 | 1 | 21 | 14 | 20 | 25 | 19 | 34 | 18 | 39 | 17 | 42 | 16 | 41 | 15 |
| 16 | 26 | 6 | 25 | 27 | 24 | 47 | 24 | 6 | 23 | 23 | 22 | 36 | 21 | 49 | 20 | 59 | 20 | 7 | 19 | 11 | 18 | 12 | 17 | 10 | 14 |
| 17 | 26 | 47 | 26 | 7 | 25 | 26 | 24 | 45 | 24 | 1 | 23 | 12 | 22 | 25 | 21 | 34 | 20 | 40 | 19 | 43 | 18 | 43 | 17 | 39 | 13 |
| 18 | 27 | 28 | 26 | 47 | 26 | 5 | 25 | 23 | 24 | 38 | 23 | 49 | 23 | 1 | 22 | 8 | 21 | 13 | 20 | 15 | 19 | 14 | 18 | 9 | 12 |
| 19 | 28 | 9 | 27 | 28 | 26 | 45 | 26 | 2 | 25 | 16 | 24 | 26 | 23 | 37 | 22 | 43 | 21 | 47 | 20 | 48 | 19 | 45 | 18 | 39 | 11 |
| 20 | 28 | 50 | 28 | 9 | 27 | 26 | 26 | 41 | 25 | 54 | 25 | 4 | 24 | 13 | 23 | 18 | 22 | 1 | 21 | 21 | 20 | 17 | 19 | 9 | 10 |
| 21 | 29 | 32 | 28 | 51 | 28 | 7 | 27 | 21 | 26 | 33 | 25 | 42 | 24 | 50 | 23 | 54 | 22 | 56 | 21 | 54 | 20 | 49 | 19 | 40 | 9 |
| 22 | 30 | 15 | 29 | 33 | 28 | 40 | 28 | 2 | 27 | 13 | 26 | 21 | 25 | 28 | 24 | 31 | 23 | 31 | 22 | 28 | 21 | 22 | 20 | 12 | 8 |
| 23 | 30 | 58 | 30 | 15 | 29 | 30 | 28 | 42 | 27 | 52 | 27 | 0 | 26 | 6 | 25 | 8 | 24 | 7 | 23 | 3 | 21 | 55 | 20 | 44 | 7 |
| 24 | 31 | 41 | 30 | 57 | 30 | 11 | 29 | 23 | 28 | 32 | 27 | 39 | 26 | 44 | 25 | 45 | 24 | 43 | 23 | 38 | 22 | 29 | 21 | 16 | 6 |
| 25 | 32 | 25 | 31 | 40 | 30 | 53 | 30 | 4 | 29 | 12 | 28 | 19 | 27 | 22 | 26 | 23 | 25 | 20 | 24 | 14 | 23 | 4 | 21 | 49 | 5 |
| 26 | 33 | 10 | 32 | 23 | 31 | 36 | 30 | 46 | 29 | 53 | 28 | 59 | 28 | 1 | 27 | 2 | 25 | 58 | 24 | 50 | 23 | 39 | 22 | 22 | 4 |
| 27 | 33 | 56 | 33 | 7 | 32 | 20 | 31 | 29 | 30 | 35 | 29 | 40 | 28 | 41 | 27 | 41 | 26 | 36 | 25 | 27 | 24 | 15 | 22 | 56 | 3 |
| 28 | 34 | 41 | 33 | 52 | 33 | 4 | 32 | 12 | 31 | 18 | 30 | 22 | 29 | 22 | 28 | 21 | 27 | 15 | 26 | 5 | 24 | 51 | 23 | 31 | 2 |
| 29 | 35 | 21 | 34 | 38 | 33 | 49 | 32 | 56 | 32 | 1 | 31 | 4 | 30 | 4 | 29 | 1 | 27 | 54 | 26 | 43 | 25 | 28 | 24 | 7 | 1 |
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| G. | 45 | | 46 | | 47 | | 48 | | 49 | | 50 | | 51 | | 52 | | 53 | | 54 | | 55 | | 56 | | |
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| M | Gr. | ′ | Gr. | ′ | Gr. | ′ | Gr. | ′ | Gr. | ′ | Gr. | ′ | Gr. | ′ | Gr. | ′ | Gr. | ′ | Gr. | ′ | Gr. | ′ | Gr. | ′ | |
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| 3 | 38 | 36 | 37 | 46 | 36 | 54 | 35 | 58 | 35 | 1 | 34 | 0 | 32 | 57 | 31 | 50 | 30 | 39 | 29 | 24 | 28 | 3 | 26 | 38 | 27 |
| 4 | 39 | 25 | 38 | 34 | 37 | 41 | 36 | 45 | 35 | 47 | 34 | 46 | 33 | 42 | 32 | 34 | 31 | 22 | 30 | 6 | 28 | 44 | 27 | 18 | 26 |
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| 8 | 42 | 47 | 41 | 53 | 40 | 58 | 40 | 1 | 38 | 59 | 37 | 55 | 36 | 48 | 35 | 36 | 34 | 22 | 33 | 1 | 31 | 35 | 30 | 5 | 22 |
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| 14 | 48 | 7 | 47 | 18 | 46 | 13 | 45 | 11 | 44 | 7 | 42 | 59 | 41 | 48 | 40 | 34 | 39 | 13 | 37 | 48 | 36 | 18 | 34 | 39 | 16 |
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| 23 | 91 | 36 | 90 | 44 | 89 | 48 | 88 | 51 | 87 | 50 | 86 | 46 | 85 | 41 | 84 | 31 | 83 | 16 | 81 | 57 | 80 | 31 | 79 | 2 | 7 |
| 24 | 92 | 52 | 92 | 0 | 91 | 5 | 90 | 9 | 89 | 9 | 88 | 6 | 87 | 1 | 85 | 51 | 84 | 38 | 83 | 20 | 81 | 55 | 80 | 27 | 6 |
| 25 | 94 | 9 | 93 | 17 | 92 | 23 | 91 | 27 | 90 | 28 | 89 | 26 | 88 | 21 | 87 | 12 | 86 | 0 | 84 | 43 | 83 | 20 | 81 | 53 | 5 |
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| 28 | 98 | 1 | 97 | 11 | 96 | 20 | 95 | 25 | 94 | 28 | 93 | 29 | 92 | 26 | 91 | 20 | 90 | 9 | 88 | 55 | 87 | 37 | 86 | 13 | 2 |
| 29 | 99 | 19 | 98 | 29 | 97 | 39 | 96 | 45 | 95 | 48 | 94 | 50 | 93 | 48 | 92 | 43 | 91 | 33 | 90 | 20 | 89 | 3 | 87 | 40 | 1 |
| 30 | 100 | 37 | 99 | 48 | 98 | 58 | 98 | 5 | 97 | 9 | 96 | 11 | 95 | 10 | 94 | 6 | 92 | 58 | 91 | 46 | 90 | 30 | 89 | 8 | 0 |
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| Ω | 45 Gr. ′ | 46 Gr. ′ | 47 Gr. ′ | 48 Gr. ′ | 49 Gr. ′ | 50 Gr. ′ | 51 Gr. ′ | 52 Gr. ′ | 53 Gr. ′ | 54 Gr. ′ | 55 Gr. ′ | 56 Gr. ′ | |
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| 0 | 100 37 | 99 48 | 98 58 | 98 5 | 97 9 | 96 11 | 95 10 | 94 6 | 92 58 | 91 46 | 90 30 | 89 8 | 30 |
| 1 | 101 55 | 101 7 | 100 17 | 99 25 | 98 30 | 97 33 | 96 33 | 95 30 | 94 23 | 93 12 | 91 57 | 90 37 | 29 |
| 2 | 103 13 | 102 26 | 101 37 | 100 46 | 99 51 | 98 55 | 97 56 | 96 54 | 95 48 | 94 38 | 93 24 | 92 6 | 28 |
| 3 | 104 32 | 103 45 | 102 57 | 102 6 | 101 13 | 100 18 | 99 19 | 98 18 | 97 13 | 96 4 | 94 52 | 93 35 | 27 |
| 4 | 105 50 | 105 4 | 104 17 | 103 27 | 102 34 | 101 40 | 100 42 | 99 42 | 98 38 | 97 31 | 96 20 | 95 4 | 26 |
| 5 | 107 9 | 106 24 | 105 37 | 104 48 | 103 56 | 103 3 | 102 6 | 101 7 | 100 4 | 98 58 | 97 48 | 96 33 | 25 |
| 6 | 108 28 | 107 43 | 106 57 | 106 9 | 105 18 | 104 26 | 103 30 | 102 32 | 101 30 | 100 25 | 99 16 | 98 3 | 24 |
| 7 | 109 47 | 109 3 | 108 18 | 107 30 | 106 40 | 105 49 | 104 54 | 103 57 | 102 56 | 101 52 | 100 44 | 99 33 | 23 |
| 8 | 111 6 | 110 23 | 109 38 | 108 52 | 108 3 | 107 12 | 106 18 | 105 22 | 104 22 | 103 19 | 102 13 | 101 3 | 22 |
| 9 | 112 25 | 111 43 | 110 59 | 110 13 | 109 25 | 108 35 | 107 42 | 106 47 | 105 48 | 104 47 | 103 42 | 102 33 | 21 |
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| 20 | 127 2 | 126 29 | 125 54 | 125 17 | 124 39 | 123 59 | 123 18 | 122 35 | 121 49 | 121 1 | 120 10 | 119 16 | 10 |
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| 28 | 137 43 | 137 15 | 136 47 | 136 18 | 135 48 | 135 16 | 134 43 | 134 8 | 133 31 | 132 53 | 132 13 | 131 30 | 2 |
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| 1 | 141 22 | 141 17 | 140 52 | 140 25 | 139 58 | 139 29 | 138 59 | 138 27 | 137 54 | 137 19 | 136 43 | 136 5 | 29 |
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| V | Gr. | ′ | Gr. | ′ | Gr. | ′ | Gr. | ′ | Gr. | ′ | Gr. | ′ | Gr. | ′ | Gr. | ′ | Gr. | ′ | Gr. | ′ | Gr. | ′ | |
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| 11 | 3 | 21 | 3 | 5 | 2 | 48 | 2 | 31 | 2 | 13 | 1 | 51 | 1 | 30 | 1 | 6 | 0 | 41 | 0 | 0 | 359 | 45 | 19 |
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| 13 | 3 | 59 | 3 | 40 | 3 | 19 | 2 | 59 | 2 | 37 | 2 | 12 | 1 | 47 | 1 | 25 | 0 | 50 | 0 | 0 | 359 | 43 | 17 |
| 14 | 4 | 18 | 3 | 57 | 3 | 35 | 3 | 13 | 2 | 48 | 2 | 22 | 1 | 55 | 1 | 25 | 0 | 53 | 0 | 0 | 359 | 41 | 16 |
| 15 | 4 | 37 | 4 | 15 | 3 | 51 | 3 | 27 | 3 | 0 | 2 | 33 | 2 | 4 | 1 | 31 | 0 | 57 | 0 | 0 | 359 | 40 | 15 |
| 16 | 4 | 56 | 4 | 32 | 4 | 7 | 3 | 41 | 3 | 15 | 2 | 44 | 2 | 11 | 1 | 40 | 1 | 1 | 0 | 0 | 359 | 37 | 14 |
| 17 | 5 | 15 | 4 | 50 | 4 | 23 | 3 | 55 | 3 | 26 | 2 | 55 | 2 | 20 | 1 | 43 | 1 | 6 | 0 | 0 | 359 | 36 | 13 |
| 18 | 5 | 34 | 5 | 7 | 4 | 39 | 4 | 10 | 3 | 39 | 3 | 6 | 2 | 28 | 1 | 50 | 1 | 9 | 0 | 0 | 359 | 34 | 12 |
| 19 | 5 | 53 | 5 | 25 | 4 | 55 | 4 | 24 | 3 | 52 | 3 | 17 | 2 | 37 | 1 | 56 | 1 | 13 | 0 | 0 | 359 | 33 | 11 |
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| 21 | 6 | 33 | 6 | 1 | 5 | 29 | 4 | 54 | 4 | 18 | 3 | 39 | 2 | 55 | 2 | 10 | 1 | 23 | 0 | 0 | 359 | 30 | 9 |
| 22 | 6 | 53 | 6 | 20 | 5 | 46 | 5 | 9 | 4 | 31 | 3 | 50 | 3 | 4 | 2 | 17 | 1 | 27 | 0 | 0 | 359 | 29 | 8 |
| 23 | 7 | 13 | 6 | 38 | 6 | 3 | 5 | 24 | 4 | 45 | 4 | 2 | 3 | 13 | 2 | 24 | 1 | 30 | 0 | 0 | 359 | 27 | 7 |
| 24 | 7 | 33 | 6 | 57 | 6 | 20 | 5 | 39 | 4 | 58 | 4 | 13 | 3 | 23 | 2 | 31 | 1 | 36 | 0 | 0 | 359 | 26 | 6 |
| 25 | 7 | 53 | 7 | 16 | 6 | 37 | 5 | 53 | 5 | 12 | 4 | 24 | 3 | 32 | 2 | 38 | 1 | 38 | 0 | 0 | 359 | 24 | 5 |
| 26 | 8 | 14 | 7 | 35 | 6 | 54 | 6 | 11 | 5 | 25 | 4 | 36 | 3 | 42 | 2 | 45 | 1 | 43 | 0 | 0 | 359 | 20 | 4 |
| 27 | 8 | 35 | 7 | 54 | 7 | 12 | 6 | 27 | 5 | 39 | 4 | 47 | 3 | 52 | 2 | 52 | 1 | 48 | 0 | 0 | 359 | 19 | 3 |
| 28 | 8 | 56 | 8 | 14 | 7 | 30 | 6 | 43 | 5 | 53 | 4 | 59 | 4 | 1 | 2 | 59 | 1 | 53 | 0 | 0 | 359 | 17 | 2 |
| 29 | 9 | 17 | 8 | 34 | 7 | 48 | 6 | 59 | 6 | 8 | 5 | 12 | 4 | 11 | 3 | 7 | 1 | 57 | 0 | 0 | 359 | 15 | 1 |
| 30 | 9 | 39 | 8 | 54 | 8 | 6 | 7 | 16 | 6 | 21 | 5 | 24 | 4 | 21 | 3 | 15 | 2 | 2 | 0 | 0 | 359 | 14 | 0 |
| ☾ | | | | | | | | | | | | | | | | | | | | | | | X |
| 0 | 9 | 39 | 8 | 54 | 8 | 6 | 7 | 16 | 6 | 22 | 5 | 24 | 4 | 21 | 3 | 15 | 2 | 2 | 0 | 0 | 359 | 14 | 30 |
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| 2 | 10 | 22 | 9 | 34 | 8 | 44 | 7 | 50 | 6 | 52 | 5 | 50 | 4 | 42 | 3 | 31 | 2 | 12 | 0 | 0 | 359 | 10 | 28 |
| 3 | 10 | 44 | 9 | 55 | 9 | 3 | 8 | 7 | 7 | 7 | 6 | 3 | 4 | 53 | 3 | 39 | 2 | 17 | 0 | 0 | 359 | 8 | 27 |
| 4 | 11 | 6 | 10 | 16 | 9 | 22 | 8 | 24 | 7 | 22 | 6 | 16 | 5 | 4 | 3 | 47 | 2 | 23 | 0 | 0 | 359 | 7 | 26 |
| 5 | 11 | 29 | 10 | 37 | 9 | 41 | 8 | 41 | 7 | 38 | 6 | 29 | 5 | 15 | 3 | 55 | 2 | 28 | 0 | 0 | 359 | 5 | 25 |
| 6 | 11 | 52 | 10 | 59 | 10 | 11 | 8 | 59 | 7 | 54 | 6 | 43 | 5 | 26 | 4 | 4 | 2 | 34 | 0 | 0 | 359 | 2 | 24 |
| 7 | 12 | 16 | 11 | 21 | 10 | 21 | 9 | 17 | 8 | 10 | 6 | 57 | 5 | 38 | 4 | 12 | 2 | 38 | 0 | 0 | 359 | 0 | 23 |
| 8 | 12 | 40 | 11 | 43 | 10 | 42 | 9 | 36 | 8 | 27 | 7 | 11 | 5 | 49 | 4 | 20 | 2 | 44 | 0 | 0 | 358 | 58 | 22 |
| 9 | 13 | 4 | 12 | 5 | 11 | 3 | 9 | 55 | 8 | 44 | 7 | 26 | 6 | 1 | 4 | 29 | 2 | 50 | 0 | 0 | 358 | 56 | 21 |
| 10 | 13 | 29 | 12 | 28 | 11 | 24 | 10 | 15 | 9 | 11 | 7 | 41 | 6 | 13 | 4 | 39 | 2 | 56 | 0 | 0 | 358 | 54 | 20 |
| 11 | 13 | 54 | 12 | 51 | 11 | 45 | 10 | 35 | 9 | 18 | 7 | 56 | 6 | 26 | 4 | 48 | 3 | 2 | 0 | 0 | 358 | 52 | 19 |
| 12 | 14 | 19 | 13 | 15 | 12 | 7 | 10 | 55 | 9 | 36 | 8 | 11 | 6 | 39 | 4 | 58 | 3 | 8 | 0 | 0 | 358 | 50 | 18 |
| 13 | 14 | 45 | 13 | 39 | 12 | 29 | 11 | 15 | 9 | 54 | 8 | 27 | 6 | 52 | 5 | 8 | 3 | 15 | 0 | 0 | 358 | 47 | 17 |
| 14 | 15 | 11 | 14 | 3 | 12 | 51 | 11 | 35 | 10 | 13 | 8 | 43 | 7 | 6 | 5 | 19 | 3 | 22 | 0 | 0 | 358 | 45 | 16 |
| 15 | 15 | 37 | 14 | 28 | 13 | 14 | 11 | 55 | 10 | 30 | 8 | 58 | 7 | 18 | 5 | 28 | 3 | 29 | 0 | 0 | 358 | 41 | 15 |
| 16 | 16 | 4 | 14 | 53 | 13 | 38 | 12 | 16 | 10 | 50 | 9 | 15 | 7 | 32 | 5 | 38 | 3 | 36 | 0 | 0 | 358 | 38 | 14 |
| 17 | 16 | 32 | 15 | 19 | 14 | 2 | 12 | 38 | 11 | 10 | 9 | 33 | 7 | 47 | 5 | 50 | 3 | 43 | 0 | 0 | 358 | 36 | 13 |
| 18 | 17 | 0 | 15 | 45 | 14 | 27 | 13 | 1 | 11 | 31 | 9 | 50 | 8 | 2 | 6 | 1 | 3 | 50 | 0 | 0 | 358 | 33 | 12 |
| 19 | 17 | 28 | 16 | 12 | 14 | 52 | 13 | 24 | 11 | 50 | 10 | 8 | 8 | 17 | 6 | 12 | 3 | 56 | 0 | 0 | 358 | 29 | 11 |
| 20 | 17 | 57 | 16 | 39 | 15 | 17 | 13 | 48 | 12 | 11 | 10 | 27 | 8 | 32 | 6 | 24 | 4 | 4 | 0 | 0 | 358 | 27 | 10 |
| 21 | 18 | 26 | 17 | 7 | 15 | 43 | 14 | 12 | 12 | 33 | 10 | 45 | 8 | 48 | 6 | 38 | 4 | 13 | 0 | 0 | 358 | 23 | 9 |
| 22 | 18 | 56 | 17 | 35 | 16 | 9 | 14 | 36 | 12 | 55 | 11 | 4 | 9 | 5 | 6 | 50 | 4 | 21 | 0 | 0 | 358 | 19 | 8 |
| 23 | 19 | 26 | 18 | 4 | 16 | 36 | 15 | 1 | 13 | 17 | 11 | 24 | 9 | 21 | 7 | 3 | 4 | 30 | 0 | 0 | 358 | 14 | 7 |
| 24 | 19 | 57 | 18 | 33 | 17 | 3 | 15 | 26 | 13 | 41 | 11 | 45 | 9 | 38 | 7 | 17 | 4 | 39 | 0 | 0 | 358 | 11 | 6 |
| 25 | 20 | 29 | 19 | 3 | 17 | 31 | 15 | 52 | 14 | 5 | 12 | 7 | 9 | 56 | 7 | 32 | 4 | 48 | 0 | 0 | 358 | 7 | 5 |
| 26 | 21 | 1 | 19 | 33 | 18 | 0 | 16 | 19 | 14 | 30 | 12 | 28 | 10 | 14 | 7 | 45 | 4 | 58 | 0 | 0 | 358 | 3 | 4 |
| 27 | 21 | 34 | 20 | 4 | 18 | 30 | 16 | 47 | 14 | 49 | 12 | 50 | 10 | 34 | 8 | 0 | 5 | 8 | 0 | 0 | 357 | 58 | 3 |
| 28 | 22 | 8 | 20 | 36 | 19 | 0 | 17 | 15 | 15 | 20 | 13 | 14 | 10 | 53 | 8 | 16 | 5 | 18 | 0 | 0 | 357 | 52 | 2 |
| 29 | 22 | 42 | 21 | 9 | 19 | 31 | 17 | 43 | 15 | 47 | 13 | 37 | 11 | 14 | 8 | 33 | 5 | 30 | 0 | 0 | 357 | 51 | 1 |
| 30 | 23 | 17 | 21 | 43 | 20 | 2 | 18 | 12 | 16 | 13 | 14 | 5 | 11 | 34 | 8 | 50 | 5 | 42 | 0 | 0 | 357 | 46 | 0 |



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| G. | 57 | | 58 | | 59 | | 60 | | 61 | | 62 | | 63 | | 64 | | 65 | | 66⅔ | | 67 | | |
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| H | Gr. | ′ | Gr. | ′ | Gr. | ′ | Gr. | ′ | Gr. | ′ | Gr. | ′ | Gr. | ′ | Gr. | ′ | Gr. | ′ | Gr. | ′ | Gr. | ′ | |
| 0 | 23 | 17 | 21 | 43 | 20 | 2 | 18 | 12 | 16 | 13 | 14 | 5 | 11 | 34 | 8 | 50 | 5 | 42 | 0 | 0 | 357 | 46 | 30 |
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| 3 | 25 | 7 | 23 | 28 | 21 | 41 | 19 | 45 | 17 | 40 | 15 | 19 | 12 | 42 | 9 | 44 | 6 | 21 | 0 | 0 | 357 | 10 | 27 |
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| 5 | 26 | 24 | 24 | 43 | 22 | 53 | 20 | 53 | 18 | 42 | 16 | 16 | 13 | 32 | 10 | 25 | 6 | 48 | 0 | 0 | 357 | 8 | 25 |
| 6 | 27 | 4 | 25 | 21 | 23 | 30 | 21 | 28 | 19 | 13 | 16 | 45 | 13 | 57 | 10 | 45 | 7 | 3 | 0 | 0 | 357 | 0 | 24 |
| 7 | 27 | 45 | 26 | 0 | 24 | 8 | 22 | 4 | 19 | 46 | 17 | 15 | 14 | 24 | 11 | 8 | 7 | 18 | 0 | 0 | 356 | 51 | 23 |
| 8 | 28 | 27 | 26 | 40 | 24 | 46 | 22 | 40 | 20 | 20 | 17 | 46 | 14 | 52 | 11 | 32 | 7 | 35 | 0 | 0 | 356 | 41 | 22 |
| 9 | 29 | 9 | 27 | 21 | 25 | 25 | 23 | 17 | 20 | 56 | 18 | 18 | 15 | 22 | 11 | 58 | 7 | 55 | 0 | 0 | 356 | 26 | 21 |
| 10 | 29 | 52 | 28 | 3 | 26 | 5 | 23 | 55 | 21 | 33 | 18 | 53 | 15 | 54 | 12 | 24 | 8 | 15 | 0 | 0 | 356 | 16 | 20 |
| 11 | 30 | 36 | 28 | 46 | 26 | 46 | 24 | 35 | 22 | 10 | 19 | 27 | 16 | 24 | 12 | 51 | 8 | 36 | 0 | 0 | 356 | 41 | 19 |
| 12 | 31 | 21 | 29 | 30 | 27 | 28 | 25 | 16 | 22 | 48 | 20 | 3 | 16 | 56 | 13 | 9 | 8 | 56 | 0 | 0 | 355 | 43 | 18 |
| 13 | 32 | 7 | 30 | 15 | 28 | 12 | 25 | 58 | 23 | 28 | 20 | 40 | 17 | 29 | 13 | 48 | 9 | 17 | 0 | 0 | 355 | 23 | 17 |
| 14 | 32 | 54 | 31 | 1 | 28 | 57 | 26 | 41 | 24 | 9 | 21 | 18 | 18 | 5 | 14 | 18 | 9 | 40 | 0 | 0 | 355 | 6 | 16 |
| 15 | 33 | 43 | 31 | 48 | 29 | 43 | 27 | 25 | 24 | 52 | 21 | 58 | 18 | 43 | 14 | 50 | 10 | 7 | 0 | 0 | 354 | 29 | 15 |
| 16 | 34 | 33 | 32 | 36 | 30 | 30 | 28 | 10 | 25 | 35 | 22 | 40 | 19 | 21 | 15 | 24 | 10 | 36 | 0 | 0 | 353 | 47 | 14 |
| 17 | 35 | 24 | 33 | 25 | 31 | 18 | 28 | 57 | 26 | 21 | 23 | 24 | 20 | 2 | 16 | 2 | 11 | 10 | 0 | 0 | 353 | 3 | 13 |
| 18 | 36 | 15 | 34 | 16 | 32 | 7 | 29 | 45 | 27 | 7 | 24 | 9 | 20 | 44 | 16 | 41 | 11 | 40 | 0 | 0 | 351 | 34 | 12 |
| 19 | 37 | 7 | 35 | 8 | 32 | 58 | 30 | 34 | 27 | 55 | 24 | 55 | 21 | 28 | 17 | 21 | 12 | 14 | 0 | 0 | | | 11 |
| 20 | 38 | 0 | 36 | 1 | 33 | 50 | 31 | 25 | 28 | 44 | 25 | 42 | 22 | 12 | 18 | 1 | 12 | 49 | 0 | 0 | Non | | 10 |
| 21 | 38 | 55 | 36 | 55 | 34 | 43 | 32 | 17 | 29 | 34 | 26 | 31 | 22 | 58 | 18 | 42 | 13 | 24 | 0 | 0 | | | 9 |
| 22 | 39 | 51 | 37 | 50 | 35 | 37 | 33 | 10 | 30 | 26 | 27 | 21 | 23 | 46 | 19 | 27 | 14 | 1 | 0 | 0 | | | 8 |
| 23 | 40 | 48 | 38 | 46 | 36 | 33 | 34 | 5 | 31 | 20 | 28 | 13 | 24 | 36 | 20 | 14 | 14 | 41 | 0 | 0 | oc- | | 7 |
| 24 | 41 | 46 | 39 | 43 | 37 | 30 | 35 | 1 | 32 | 15 | 29 | 7 | 25 | 28 | 21 | 3 | 15 | 24 | 0 | 0 | | | 6 |
| 25 | 42 | 45 | 40 | 42 | 38 | 28 | 35 | 59 | 33 | 11 | 30 | 2 | 26 | 21 | 21 | 55 | 16 | 12 | 0 | 0 | | | 5 |
| 26 | 43 | 46 | 41 | 42 | 39 | 28 | 36 | 58 | 34 | 9 | 31 | 0 | 27 | 17 | 22 | 48 | 17 | 1 | 0 | 0 | | | 4 |
| 27 | 44 | 48 | 42 | 43 | 40 | 29 | 37 | 58 | 35 | 8 | 31 | 59 | 28 | 15 | 23 | 45 | 17 | 55 | 0 | 0 | ci- | | 3 |
| 28 | 45 | 51 | 43 | 45 | 41 | 31 | 39 | 0 | 36 | 10 | 33 | 0 | 29 | 16 | 24 | 44 | 18 | 54 | 0 | 0 | | | 2 |
| 29 | 46 | 54 | 44 | 49 | 42 | 34 | 40 | 3 | 37 | 13 | 34 | 3 | 30 | 18 | 25 | 45 | 19 | 52 | 0 | 0 | dit. | | 1 |
| 30 | 47 | 58 | 45 | 54 | 43 | 39 | 41 | 8 | 38 | 17 | 35 | 7 | 31 | 22 | 26 | 50 | 20 | 56 | 0 | 0 | | | 0 |
| ☉ | | | | | | | | | | | | | | | | | | | | | | | ☽ |
| 0 | 47 | 58 | 45 | 54 | 43 | 39 | 41 | 8 | 38 | 17 | 35 | 7 | 31 | 22 | 26 | 50 | 20 | 56 | 0 | 0 | | | 30 |
| 1 | 49 | 5 | 47 | 0 | 44 | 45 | 42 | 14 | 39 | 24 | 36 | 14 | 32 | 29 | 27 | 56 | 22 | 4 | 2 | 11 | | | 29 |
| 2 | 50 | 12 | 48 | 7 | 45 | 52 | 43 | 22 | 40 | 32 | 37 | 22 | 33 | 37 | 29 | 6 | 23 | 13 | 4 | 22 | Non | | 28 |
| 3 | 51 | 20 | 49 | 15 | 47 | 1 | 44 | 31 | 41 | 42 | 38 | 31 | 34 | 48 | 30 | 17 | 24 | 28 | 6 | 32 | | | 27 |
| 4 | 52 | 29 | 50 | 25 | 48 | 11 | 45 | 41 | 42 | 53 | 39 | 43 | 36 | 0 | 31 | 31 | 25 | 45 | 8 | 44 | oc- | | 26 |
| 5 | 53 | 39 | 51 | 36 | 49 | 22 | 46 | 53 | 44 | 5 | 40 | 56 | 37 | 15 | 32 | 47 | 27 | 5 | 10 | 54 | | | 25 |
| 6 | 54 | 50 | 52 | 48 | 50 | 34 | 48 | 6 | 45 | 19 | 42 | 11 | 38 | 32 | 34 | 5 | 28 | 28 | 13 | 5 | | | 24 |
| 7 | 56 | 2 | 54 | 1 | 51 | 48 | 49 | 20 | 46 | 34 | 43 | 28 | 39 | 51 | 35 | 27 | 29 | 54 | 15 | 15 | ci- | | 23 |
| 8 | 57 | 15 | 55 | 16 | 53 | 3 | 50 | 36 | 47 | 51 | 44 | 46 | 41 | 12 | 36 | 51 | 31 | 26 | 17 | 25 | | | 22 |
| 9 | 58 | 30 | 56 | 31 | 54 | 19 | 51 | 53 | 49 | 10 | 46 | 6 | 42 | 34 | 38 | 17 | 32 | 59 | 19 | 36 | dit. | | 21 |
| 10 | 59 | 46 | 57 | 47 | 55 | 36 | 53 | 11 | 50 | 30 | 47 | 27 | 43 | 58 | 39 | 45 | 34 | 34 | 21 | 46 | | | 20 |
| 11 | 61 | 3 | 59 | 4 | 56 | 54 | 54 | 30 | 51 | 51 | 48 | 51 | 45 | 24 | 41 | 15 | 36 | 9 | 23 | 56 | | | 19 |
| 12 | 62 | 20 | 60 | 22 | 58 | 13 | 55 | 50 | 53 | 13 | 50 | 15 | 46 | 50 | 42 | 46 | 37 | 45 | 26 | 6 | 16 | 31 | 18 |
| 13 | 63 | 38 | 61 | 41 | 59 | 33 | 57 | 12 | 54 | 36 | 51 | 40 | 48 | 17 | 44 | 17 | 39 | 23 | 28 | 15 | 20 | 42 | 17 |
| 14 | 64 | 57 | 63 | 1 | 60 | 54 | 58 | 35 | 55 | 59 | 53 | 5 | 49 | 45 | 45 | 48 | 41 | 0 | 30 | 25 | 23 | 52 | 16 |
| 15 | 66 | 17 | 64 | 22 | 62 | 17 | 59 | 59 | 57 | 25 | 54 | 34 | 51 | 15 | 47 | 23 | 42 | 40 | 32 | 34 | 26 | 45 | 15 |
| 16 | 67 | 38 | 65 | 44 | 63 | 41 | 61 | 24 | 58 | 52 | 56 | 3 | 52 | 47 | 49 | 0 | 44 | 22 | 34 | 43 | 29 | 29 | 14 |
| 17 | 69 | 0 | 67 | 7 | 65 | 5 | 62 | 50 | 60 | 20 | 57 | 33 | 54 | 21 | 50 | 37 | 46 | 6 | 36 | 52 | 32 | 4 | 13 |
| 18 | 70 | 23 | 68 | 31 | 66 | 30 | 64 | 17 | 61 | 49 | 59 | 5 | 55 | 55 | 52 | 18 | 47 | 54 | 39 | 1 | 34 | 35 | 12 |
| 19 | 71 | 46 | 69 | 56 | 67 | 56 | 65 | 45 | 63 | 19 | 60 | 37 | 57 | 32 | 54 | 0 | 49 | 44 | 41 | 9 | 37 | 3 | 11 |
| 20 | 73 | 10 | 71 | 21 | 69 | 23 | 67 | 13 | 64 | 50 | 62 | 10 | 59 | 10 | 55 | 42 | 51 | 39 | 43 | 17 | 39 | 27 | 10 |
| 21 | 74 | 34 | 72 | 47 | 70 | 51 | 68 | 42 | 66 | 21 | 63 | 50 | 60 | 47 | 57 | 22 | 53 | 19 | 45 | 25 | 41 | 50 | 9 |
| 22 | 75 | 59 | 74 | 14 | 72 | 19 | 70 | 12 | 67 | 53 | 65 | 19 | 62 | 25 | 59 | 4 | 55 | 8 | 47 | 33 | 44 | 9 | 8 |
| 23 | 77 | 25 | 75 | 41 | 73 | 48 | 71 | 43 | 69 | 26 | 66 | 55 | 64 | 4 | 60 | 47 | 57 | 58 | 49 | 40 | 46 | 27 | 7 |
| 24 | 78 | 51 | 77 | 9 | 75 | 17 | 73 | 15 | 70 | 59 | 68 | 31 | 65 | 44 | 62 | 32 | 58 | 50 | 51 | 48 | 48 | 43 | 6 |
| 25 | 80 | 18 | 78 | 37 | 76 | 47 | 74 | 47 | 72 | 36 | 70 | 10 | 67 | 25 | 64 | 19 | 60 | 42 | 53 | 55 | 50 | 59 | 5 |
| 26 | 81 | 46 | 80 | 6 | 78 | 18 | 76 | 20 | 74 | 11 | 71 | 48 | 69 | 8 | 66 | 5 | 62 | 35 | 56 | 0 | 53 | 13 | 4 |
| 27 | 83 | 14 | 81 | 36 | 79 | 49 | 77 | 53 | 75 | 46 | 73 | 26 | 70 | 49 | 67 | 50 | 64 | 26 | 58 | 7 | 55 | 27 | 3 |
| 28 | 84 | 43 | 83 | 6 | 81 | 21 | 79 | 27 | 77 | 22 | 75 | 4 | 72 | 31 | 69 | 36 | 66 | 19 | 60 | 12 | 57 | 40 | 2 |
| 29 | 86 | 12 | 84 | 36 | 82 | 53 | 81 | 1 | 78 | 58 | 76 | 43 | 74 | 14 | 71 | 23 | 68 | 11 | 62 | 17 | 59 | 52 | 1 |
| 30 | 87 | 41 | 86 | 7 | 84 | 26 | 82 | 36 | 80 | 36 | 78 | 24 | 75 | 58 | 73 | 11 | 70 | 4 | 64 | 23 | 60 | 3 | 0 |
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| G. ♌ | 57 Gr. | ′ | 58 Gr. | ′ | 59 Gr. | ′ | 60 Gr. | ′ | 61 Gr. | ′ | 62 Gr. | ′ | 63 Gr. | ′ | 64 Gr. | ′ | 65 Gr. | ′ | 66½ Gr. | ′ | 67 Gr. | ′ | G. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 87 | 41 | 86 | 7 | 84 | 26 | 82 | 36 | 80 | 36 | 78 | 24 | 75 | 58 | 73 | 11 | 70 | 4 | 64 | 23 | 62 | 3 | 30 |
| 1 | 89 | 11 | 87 | 38 | 85 | 59 | 84 | 11 | 82 | 14 | 80 | 5 | 77 | 42 | 75 | 0 | 71 | 57 | 66 | 28 | 64 | 13 | 29 |
| 2 | 90 | 41 | 89 | 10 | 87 | 33 | 85 | 47 | 83 | 51 | 81 | 45 | 79 | 25 | 76 | 47 | 73 | 50 | 68 | 33 | 66 | 24 | 28 |
| 3 | 92 | 11 | 90 | 42 | 89 | 7 | 87 | 23 | 85 | 30 | 83 | 25 | 81 | 10 | 78 | 35 | 75 | 42 | 70 | 37 | 68 | 33 | 27 |
| 4 | 93 | 42 | 92 | 14 | 90 | 41 | 88 | 59 | 87 | 9 | 85 | 7 | 82 | 54 | 80 | 24 | 77 | 37 | 72 | 40 | 70 | 42 | 26 |
| 5 | 95 | 13 | 93 | 47 | 92 | 15 | 90 | 36 | 88 | 48 | 86 | 50 | 84 | 39 | 82 | 14 | 79 | 31 | 74 | 44 | 72 | 58 | 25 |
| 6 | 96 | 44 | 95 | 20 | 93 | 50 | 92 | 13 | 90 | 27 | 88 | 32 | 86 | 24 | 84 | 2 | 81 | 24 | 76 | 47 | 74 | 56 | 24 |
| 7 | 98 | 15 | 96 | 53 | 95 | 25 | 93 | 50 | 92 | 6 | 90 | 14 | 88 | 10 | 85 | 51 | 83 | 17 | 78 | 49 | 77 | 3 | 23 |
| 8 | 99 | 47 | 98 | 26 | 97 | 0 | 95 | 27 | 93 | 46 | 91 | 56 | 89 | 55 | 87 | 40 | 85 | 11 | 80 | 52 | 79 | 10 | 22 |
| 9 | 101 | 19 | 99 | 59 | 98 | 35 | 97 | 4 | 95 | 26 | 93 | 39 | 91 | 41 | 89 | 31 | 87 | 5 | 82 | 54 | 81 | 16 | 21 |
| 10 | 102 | 51 | 101 | 33 | 100 | 11 | 98 | 42 | 97 | 6 | 95 | 21 | 93 | 26 | 91 | 19 | 88 | 58 | 84 | 55 | 83 | 17 | 20 |
| 11 | 104 | 23 | 103 | 7 | 101 | 47 | 100 | 20 | 98 | 46 | 97 | 4 | 95 | 11 | 93 | 7 | 90 | 51 | 86 | 56 | 85 | 26 | 19 |
| 12 | 105 | 56 | 104 | 42 | 103 | 23 | 101 | 58 | 100 | 27 | 98 | 47 | 96 | 58 | 94 | 57 | 92 | 45 | 88 | 56 | 87 | 30 | 18 |
| 13 | 107 | 29 | 106 | 16 | 104 | 59 | 103 | 36 | 102 | 8 | 100 | 29 | 98 | 44 | 96 | 47 | 94 | 39 | 90 | 58 | 89 | 32 | 17 |
| 14 | 109 | 2 | 107 | 51 | 106 | 35 | 105 | 14 | 103 | 48 | 102 | 12 | 100 | 29 | 98 | 35 | 96 | 32 | 92 | 58 | 91 | 35 | 16 |
| 15 | 110 | 35 | 109 | 26 | 108 | 12 | 106 | 53 | 105 | 28 | 103 | 49 | 102 | 15 | 100 | 24 | 98 | 25 | 94 | 57 | 93 | 37 | 15 |
| 16 | 112 | 7 | 111 | 0 | 109 | 48 | 108 | 31 | 107 | 8 | 105 | 39 | 104 | 2 | 102 | 13 | 100 | 18 | 96 | 57 | 95 | 40 | 14 |
| 17 | 113 | 40 | 112 | 34 | 111 | 24 | 110 | 9 | 108 | 49 | 107 | 22 | 105 | 47 | 104 | 2 | 102 | 10 | 98 | 56 | 97 | 42 | 13 |
| 18 | 115 | 13 | 114 | 9 | 113 | 1 | 111 | 47 | 110 | 39 | 109 | 5 | 107 | 32 | 105 | 50 | 104 | 12 | 100 | 55 | 99 | 43 | 12 |
| 19 | 116 | 46 | 115 | 43 | 114 | 37 | 113 | 26 | 112 | 10 | 110 | 48 | 109 | 18 | 107 | 40 | 105 | 54 | 102 | 53 | 101 | 44 | 11 |
| 20 | 118 | 19 | 117 | 18 | 116 | 14 | 115 | 5 | 113 | 51 | 112 | 30 | 111 | 3 | 109 | 29 | 107 | 46 | 104 | 51 | 103 | 44 | 10 |
| 21 | 119 | 52 | 118 | 53 | 117 | 50 | 116 | 44 | 115 | 31 | 114 | 13 | 112 | 49 | 111 | 17 | 109 | 37 | 106 | 48 | 105 | 44 | 9 |
| 22 | 121 | 25 | 120 | 28 | 119 | 27 | 118 | 23 | 117 | 12 | 115 | 56 | 114 | 34 | 113 | 5 | 111 | 28 | 108 | 46 | 107 | 43 | 8 |
| 23 | 122 | 58 | 122 | 3 | 121 | 4 | 120 | 1 | 118 | 52 | 117 | 39 | 116 | 20 | 114 | 52 | 113 | 20 | 110 | 43 | 109 | 43 | 7 |
| 24 | 124 | 31 | 123 | 28 | 122 | 41 | 121 | 39 | 120 | 32 | 119 | 21 | 118 | 4 | 116 | 41 | 115 | 11 | 112 | 39 | 111 | 42 | 6 |
| 25 | 126 | 5 | 125 | 13 | 124 | 17 | 123 | 17 | 122 | 13 | 121 | 5 | 119 | 50 | 118 | 29 | 117 | 2 | 114 | 36 | 113 | 41 | 5 |
| 26 | 127 | 39 | 126 | 48 | 125 | 54 | 124 | 56 | 123 | 53 | 122 | 48 | 121 | 36 | 120 | 17 | 118 | 54 | 116 | 32 | 115 | 39 | 4 |
| 27 | 129 | 12 | 128 | 23 | 127 | 30 | 126 | 34 | 125 | 34 | 124 | 30 | 123 | 20 | 122 | 5 | 120 | 44 | 118 | 27 | 117 | 37 | 3 |
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| 29 | 132 | 18 | 131 | 32 | 130 | 42 | 129 | 50 | 128 | 55 | 127 | 55 | 126 | 49 | 125 | 39 | 124 | 24 | 122 | 18 | 121 | 31 | 1 |
| 30 | 133 | 51 | 133 | 6 | 132 | 18 | 131 | 28 | 130 | 35 | 129 | 37 | 128 | 34 | 127 | 26 | 126 | 13 | 124 | 12 | 123 | 27 | 0 |
| ♍ | | | | | | | | | | | | | | | | | | | | | | | ♏ |
| 0 | 133 | 51 | 133 | 6 | 132 | 18 | 131 | 28 | 130 | 35 | 129 | 37 | 128 | 34 | 127 | 26 | 126 | 13 | 124 | 12 | 123 | 27 | 30 |
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| 4 | 140 | 3 | 139 | 24 | 138 | 43 | 138 | 0 | 137 | 14 | 136 | 24 | 135 | 30 | 134 | 33 | 133 | 31 | 131 | 49 | 131 | 10 | 26 |
| 5 | 141 | 35 | 140 | 58 | 140 | 19 | 139 | 37 | 138 | 53 | 138 | 6 | 137 | 17 | 136 | 18 | 135 | 19 | 133 | 42 | 133 | 5 | 25 |
| 6 | 143 | 8 | 142 | 33 | 141 | 55 | 141 | 15 | 140 | 32 | 139 | 47 | 138 | 57 | 138 | 5 | 137 | 8 | 135 | 35 | 135 | 0 | 24 |
| 7 | 144 | 41 | 144 | 7 | 143 | 31 | 142 | 53 | 142 | 12 | 141 | 29 | 140 | 41 | 139 | 52 | 138 | 57 | 137 | 28 | 136 | 54 | 23 |
| 8 | 146 | 14 | 145 | 41 | 145 | 7 | 144 | 30 | 143 | 51 | 143 | 10 | 142 | 25 | 141 | 38 | 140 | 45 | 139 | 21 | 138 | 50 | 22 |
| 9 | 147 | 47 | 147 | 15 | 146 | 43 | 146 | 8 | 145 | 30 | 144 | 51 | 144 | 8 | 143 | 23 | 142 | 34 | 141 | 13 | 140 | 44 | 21 |
| 10 | 149 | 19 | 148 | 49 | 148 | 18 | 147 | 45 | 147 | 10 | 146 | 32 | 145 | 52 | 145 | 9 | 144 | 22 | 143 | 5 | 142 | 37 | 20 |
| 11 | 150 | 52 | 150 | 23 | 149 | 54 | 149 | 23 | 148 | 49 | 148 | 13 | 147 | 34 | 146 | 54 | 146 | 10 | 144 | 58 | 144 | 31 | 19 |
| 12 | 152 | 24 | 151 | 57 | 151 | 29 | 151 | 0 | 150 | 28 | 149 | 54 | 149 | 18 | 148 | 39 | 147 | 58 | 146 | 49 | 146 | 44 | 18 |
| 13 | 153 | 57 | 153 | 31 | 153 | 5 | 152 | 37 | 152 | 7 | 151 | 35 | 151 | 1 | 150 | 25 | 149 | 46 | 148 | 41 | 148 | 17 | 17 |
| 14 | 155 | 29 | 155 | 5 | 154 | 40 | 154 | 14 | 153 | 45 | 153 | 15 | 152 | 44 | 152 | 10 | 151 | 33 | 150 | 33 | 150 | 10 | 16 |
| 15 | 157 | 1 | 156 | 39 | 156 | 15 | 155 | 51 | 155 | 24 | 154 | 56 | 154 | 27 | 153 | 54 | 153 | 20 | 152 | 24 | 152 | 3 | 15 |
| 16 | 158 | 33 | 158 | 13 | 157 | 51 | 157 | 28 | 157 | 2 | 156 | 37 | 156 | 9 | 155 | 39 | 155 | 7 | 154 | 15 | 153 | 56 | 14 |
| 17 | 160 | 5 | 159 | 46 | 159 | 26 | 159 | 5 | 158 | 41 | 158 | 17 | 157 | 52 | 157 | 24 | 156 | 55 | 156 | 6 | 155 | 49 | 13 |
| 18 | 161 | 37 | 161 | 20 | 161 | 1 | 160 | 42 | 160 | 20 | 159 | 57 | 159 | 34 | 159 | 9 | 158 | 42 | 157 | 56 | 157 | 41 | 12 |
| 19 | 163 | 9 | 162 | 53 | 162 | 36 | 162 | 19 | 161 | 59 | 161 | 39 | 161 | 16 | 160 | 53 | 160 | 28 | 159 | 47 | 159 | 33 | 11 |
| 20 | 164 | 41 | 164 | 26 | 164 | 11 | 163 | 55 | 163 | 37 | 163 | 19 | 162 | 58 | 162 | 38 | 162 | 15 | 161 | 38 | 161 | 25 | 10 |
| 21 | 166 | 13 | 166 | 0 | 165 | 46 | 165 | 32 | 165 | 16 | 165 | 0 | 164 | 41 | 164 | 28 | 164 | 2 | 163 | 28 | 163 | 17 | 9 |
| 22 | 167 | 45 | 167 | 34 | 167 | 21 | 167 | 9 | 166 | 54 | 166 | 40 | 166 | 23 | 166 | 6 | 165 | 48 | 165 | 19 | 165 | 8 | 8 |
| 23 | 169 | 17 | 169 | 7 | 168 | 56 | 168 | 45 | 168 | 32 | 168 | 20 | 168 | 5 | 167 | 50 | 167 | 34 | 168 | 9 | 167 | 0 | 7 |
| 24 | 170 | 49 | 170 | 41 | 170 | 31 | 170 | 22 | 170 | 10 | 170 | 0 | 169 | 47 | 169 | 34 | 169 | 22 | 168 | 59 | 168 | 52 | 6 |
| 25 | 172 | 21 | 172 | 14 | 172 | 6 | 171 | 58 | 171 | 49 | 171 | 40 | 171 | 30 | 171 | 20 | 171 | 8 | 170 | 49 | 170 | 44 | 5 |
| 26 | 173 | 53 | 173 | 48 | 173 | 41 | 173 | 35 | 173 | 28 | 173 | 20 | 173 | 12 | 173 | 4 | 172 | 55 | 172 | 40 | 172 | 35 | 4 |
| 27 | 175 | 25 | 175 | 21 | 175 | 16 | 175 | 11 | 175 | 6 | 175 | 0 | 174 | 54 | 174 | 48 | 174 | 41 | 174 | 30 | 174 | 26 | 3 |
| 28 | 176 | 57 | 176 | 54 | 176 | 51 | 176 | 48 | 176 | 44 | 176 | 40 | 176 | 36 | 176 | 32 | 176 | 27 | 176 | 20 | 176 | 18 | 2 |
| 29 | 178 | 29 | 178 | 27 | 178 | 26 | 178 | 24 | 178 | 22 | 178 | 20 | 178 | 18 | 178 | 16 | 178 | 14 | 178 | 10 | 178 | 9 | 1 |
| 30 | 180 | 0 | 180 | 0 | 180 | 0 | 180 | 0 | 180 | 0 | 180 | 0 | 180 | 0 | 180 | 0 | 180 | 0 | 180 | 0 | 180 | 0 | 0 |

*TAB. 33. Altitudo Nonagesimi Ecliptica ab Ascendente numerati.*

| Poli. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | Alt. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Si. G. | Gr. ′ | Gr. ′ | Gr. ′ | Gr. ′ | Gr. ′ | Gr. ′ | Gr. ′ | Gr. ′ | Gr. ′ | Gr. ′ | Gr. ′ | Gr. ′ | Gr. ′ | Gr. ′ | G. Si. |
| ♈ 0 | 65 30 | 64 30 | 63 29 | 62 30 | 61 30 | 60 30 | 59 30 | 58 30 | 57 30 | 56 30 | 55 30 | 54 30 | 53 30 | 52 30 | 30 |
| 3 | 65 32 | 64 32 | 63 30 | 62 32 | 61 32 | 60 33 | 59 32 | 58 32 | 57 32 | 56 32 | 55 32 | 54 33 | 53 33 | 52 33 | 27 |
| 6 | 65 35 | 64 35 | 63 35 | 62 35 | 61 35 | 60 35 | 59 35 | 58 35 | 57 35 | 56 35 | 55 35 | 54 35 | 53 35 | 52 35 | 24 |
| 9 | 65 45 | 64 45 | 63 45 | 62 45 | 61 45 | 60 45 | 59 45 | 58 45 | 57 45 | 56 45 | 55 45 | 54 45 | 53 45 | 52 45 | 21 |
| 12 | 65 55 | 64 55 | 63 55 | 62 55 | 61 55 | 60 55 | 59 55 | 58 55 | 57 55 | 56 55 | 55 55 | 54 55 | 53 55 | 52 55 | 18 |
| 15 | 66 10 | 65 10 | 64 10 | 63 10 | 62 10 | 61 10 | 60 10 | 59 10 | 58 10 | 57 10 | 56 10 | 55 10 | 54 10 | 53 5 | 15 |
| 18 | 66 30 | 65 30 | 64 30 | 63 30 | 62 30 | 61 30 | 60 30 | 59 25 | 58 25 | 57 25 | 56 25 | 55 25 | 54 25 | 53 25 | 12 |
| 21 | 66 50 | 65 50 | 64 50 | 63 50 | 62 50 | 61 50 | 60 50 | 59 45 | 58 45 | 57 45 | 56 45 | 55 45 | 54 45 | 53 45 | 9 |
| 24 | 67 20 | 66 15 | 65 15 | 64 15 | 63 15 | 62 15 | 61 15 | 60 10 | 59 10 | 58 10 | 57 10 | 56 10 | 55 10 | 54 5 | 6 |
| 27 | 67 45 | 66 45 | 65 45 | 64 45 | 63 45 | 62 40 | 61 40 | 60 20 | 59 40 | 58 40 | 57 35 | 56 35 | 55 35 | 54 35 | 3 |
| ♉ 0 | 68 20 | 67 20 | 66 18 | 65 15 | 64 15 | 63 15 | 62 10 | 61 10 | 60 10 | 59 10 | 58 5 | 57 5 | 56 15 | 55 5 | 0 ♐ |
| 3 | 68 55 | 67 55 | 66 55 | 65 50 | 64 50 | 63 50 | 62 45 | 61 45 | 60 45 | 59 45 | 58 40 | 57 40 | 56 40 | 55 35 | 27 |
| 6 | 69 35 | 68 35 | 67 30 | 66 30 | 65 30 | 64 25 | 63 25 | 62 25 | 61 20 | 60 20 | 59 15 | 58 15 | 57 15 | 56 10 | 24 |
| 9 | 70 15 | 69 15 | 68 10 | 67 10 | 66 10 | 65 5 | 64 5 | 63 5 | 62 0 | 61 0 | 59 55 | 58 55 | 57 50 | 56 50 | 21 |
| 12 | 71 0 | 70 0 | 69 0 | 67 55 | 66 55 | 65 50 | 64 45 | 63 45 | 62 45 | 61 40 | 60 40 | 59 35 | 58 35 | 57 30 | 18 |
| 15 | 71 55 | 70 55 | 69 45 | 68 45 | 67 40 | 66 35 | 65 35 | 64 30 | 63 30 | 62 25 | 61 25 | 60 25 | 59 20 | 58 15 | 15 |
| 18 | 72 45 | 71 40 | 70 35 | 69 35 | 68 30 | 67 25 | 66 25 | 65 20 | 64 20 | 63 15 | 62 15 | 61 10 | 60 10 | 59 5 | 12 |
| 21 | 73 40 | 72 35 | 71 30 | 70 30 | 69 25 | 68 20 | 67 20 | 66 15 | 65 15 | 64 10 | 63 5 | 62 5 | 61 0 | 59 55 | 9 |
| 24 | 74 35 | 73 35 | 72 30 | 71 25 | 70 20 | 69 20 | 68 15 | 67 10 | 66 10 | 65 5 | 64 0 | 63 0 | 61 50 | 60 55 | 6 |
| 27 | 75 35 | 74 35 | 73 30 | 72 25 | 71 20 | 70 20 | 69 15 | 68 10 | 67 5 | 66 5 | 65 0 | 63 55 | 62 50 | 61 50 | 3 |
| ♊ 0 | 76 40 | 75 35 | 74 30 | 73 25 | 72 25 | 71 20 | 70 15 | 69 10 | 68 5 | 67 5 | 66 0 | 64 55 | 63 50 | 62 45 | 0 ♒ |
| 3 | 77 45 | 76 40 | 75 35 | 74 30 | 73 30 | 72 25 | 71 20 | 70 15 | 69 10 | 68 5 | 67 5 | 66 0 | 64 55 | 63 50 | 27 |
| 6 | 78 55 | 77 50 | 76 45 | 75 40 | 74 40 | 73 35 | 72 25 | 71 20 | 70 15 | 69 15 | 68 10 | 67 5 | 66 0 | 64 55 | 24 |
| 9 | 80 5 | 79 0 | 77 55 | 76 50 | 75 45 | 74 40 | 73 35 | 72 30 | 71 25 | 70 20 | 69 15 | 68 10 | 67 5 | 66 0 | 21 |
| 12 | 81 15 | 80 10 | 79 5 | 78 0 | 76 55 | 75 50 | 74 45 | 73 40 | 72 35 | 71 30 | 70 25 | 69 20 | 68 15 | 67 10 | 18 |
| 15 | 82 30 | 81 25 | 80 20 | 79 15 | 78 10 | 77 5 | 76 0 | 74 55 | 73 50 | 72 40 | 71 35 | 70 30 | 69 30 | 68 20 | 15 |
| 18 | 83 45 | 82 40 | 81 35 | 80 30 | 79 25 | 78 20 | 77 15 | 76 5 | 75 15 | 73 55 | 72 50 | 71 45 | 70 40 | 69 35 | 12 |
| 21 | 85 0 | 83 55 | 82 50 | 81 45 | 80 40 | 79 35 | 78 30 | 77 25 | 76 20 | 75 15 | 74 10 | 73 0 | 71 55 | 70 50 | 9 |
| 24 | 86 20 | 85 15 | 84 10 | 83 5 | 81 55 | 80 50 | 79 45 | 78 40 | 77 35 | 76 30 | 75 25 | 74 20 | 73 15 | 72 5 | 6 |
| 27 | 87 35 | 86 30 | 85 25 | 84 20 | 83 15 | 82 10 | 81 5 | 80 0 | 78 55 | 77 45 | 76 40 | 75 35 | 74 30 | 73 25 | 3 |
| ♋ 0 | 88 55 | 87 50 | 86 45 | 85 40 | 84 30 | 83 25 | 82 20 | 81 15 | 80 10 | 79 5 | 78 0 | 76 55 | 75 50 | 74 40 | 0 ♑ |
| 3 | 89 45 | 89 53 | 88 0 | 86 55 | 85 55 | 84 45 | 83 40 | 82 35 | 81 30 | 80 25 | 79 20 | 78 10 | 77 5 | 76 0 | 27 |
| 6 | 88 30 | 89 35 | 89 20 | 88 15 | 87 10 | 86 5 | 85 0 | 83 50 | 82 45 | 81 45 | 80 35 | 79 30 | 78 25 | 77 20 | 24 |
| 9 | 87 10 | 88 15 | 88 20 | 89 30 | 88 25 | 87 25 | 86 15 | 85 10 | 84 5 | 82 50 | 81 55 | 80 50 | 79 45 | 78 40 | 21 |
| 12 | 85 55 | 87 0 | 88 5 | 89 10 | 89 45 | 88 35 | 87 35 | 86 25 | 85 20 | 84 15 | 83 10 | 82 5 | 81 0 | 79 55 | 18 |
| 15 | 84 40 | 85 45 | 86 50 | 87 55 | 89 0 | 89 55 | 88 55 | 87 45 | 86 40 | 85 35 | 84 30 | 83 25 | 82 15 | 81 10 | 15 |
| 18 | 83 25 | 84 30 | 85 35 | 86 40 | 87 45 | 88 50 | 89 55 | 89 0 | 87 50 | 86 50 | 85 45 | 84 40 | 83 35 | 82 30 | 12 |
| 21 | 82 10 | 83 15 | 84 20 | 85 25 | 86 30 | 87 35 | 88 45 | 89 45 | 89 10 | 88 5 | 87 0 | 85 55 | 84 50 | 83 15 | 9 |
| 24 | 81 5 | 82 5 | 83 10 | 84 15 | 85 20 | 86 25 | 87 30 | 88 35 | 89 40 | 89 20 | 88 15 | 87 10 | 86 5 | 85 0 | 6 |
| 27 | 79 55 | 81 0 | 82 0 | 83 5 | 84 10 | 85 15 | 86 20 | 87 25 | 88 25 | 89 30 | 89 25 | 88 20 | 87 15 | 86 10 | 3 |
| ♌ 0 | 78 45 | 79 50 | 80 55 | 82 0 | 83 5 | 84 5 | 85 40 | 86 15 | 87 20 | 88 25 | 89 5 | 89 30 | 88 25 | 87 20 | 0 ♐ |
| 3 | 77 40 | 78 45 | 79 50 | 80 55 | 82 0 | 83 0 | 84 5 | 85 10 | 86 15 | 87 20 | 88 20 | 89 25 | 89 35 | 88 30 | 27 |
| 6 | 76 40 | 77 45 | 78 50 | 79 50 | 80 55 | 82 0 | 83 0 | 84 5 | 85 10 | 86 15 | 87 20 | 88 20 | 89 20 | 89 35 | 24 |
| 9 | 75 45 | 76 45 | 77 50 | 78 55 | 79 55 | 81 0 | 82 5 | 83 5 | 84 10 | 85 10 | 86 15 | 87 20 | 88 20 | 89 25 | 21 |
| 12 | 74 50 | 75 55 | 76 55 | 77 55 | 79 0 | 80 5 | 81 5 | 82 10 | 83 10 | 84 15 | 85 20 | 86 20 | 87 25 | 88 25 | 18 |
| 15 | 73 55 | 75 0 | 76 0 | 77 5 | 78 5 | 79 10 | 80 30 | 81 15 | 82 15 | 83 20 | 84 25 | 85 25 | 86 30 | 87 30 | 15 |
| 18 | 73 25 | 74 10 | 75 10 | 76 15 | 77 15 | 78 20 | 79 20 | 80 25 | 81 25 | 82 25 | 83 30 | 84 35 | 85 35 | 86 40 | 12 |
| 21 | 72 20 | 73 20 | 74 25 | 75 25 | 76 30 | 77 30 | 78 35 | 79 35 | 80 55 | 81 40 | 82 40 | 83 40 | 84 45 | 85 45 | 9 |
| 24 | 71 35 | 72 40 | 73 40 | 74 45 | 75 45 | 76 45 | 77 50 | 78 50 | 79 50 | 80 55 | 81 50 | 83 0 | 84 0 | 85 0 | 6 |
| 27 | 71 0 | 72 0 | 73 0 | 74 5 | 75 5 | 76 5 | 77 10 | 78 10 | 79 10 | 80 10 | 81 15 | 82 15 | 83 15 | 84 20 | 3 |
| ♍ 0 | 70 25 | 71 25 | 72 25 | 73 25 | 74 25 | 75 30 | 76 30 | 77 30 | 78 30 | 79 35 | 80 35 | 81 35 | 82 35 | 83 40 | 0 ♓ |
| 3 | 69 50 | 70 50 | 71 55 | 72 55 | 73 55 | 74 55 | 75 55 | 76 55 | 77 55 | 78 55 | 80 30 | 81 0 | 82 0 | 83 0 | 27 |
| 6 | 69 20 | 70 20 | 71 20 | 72 25 | 73 25 | 74 25 | 75 25 | 76 25 | 77 25 | 78 25 | 79 25 | 80 25 | 81 30 | 82 30 | 24 |
| 9 | 68 55 | 69 55 | 70 55 | 71 55 | 72 55 | 73 55 | 74 55 | 76 0 | 77 0 | 78 0 | 79 0 | 80 0 | 81 0 | 82 0 | 21 |
| 12 | 68 30 | 69 30 | 70 30 | 71 35 | 72 35 | 73 30 | 74 35 | 75 35 | 76 35 | 77 35 | 78 35 | 79 35 | 80 35 | 81 35 | 18 |
| 15 | 68 10 | 69 15 | 70 15 | 71 15 | 72 15 | 73 15 | 74 15 | 75 15 | 76 15 | 77 15 | 78 15 | 79 15 | 80 15 | 81 15 | 15 |
| 18 | 67 55 | 68 55 | 69 55 | 71 0 | 72 0 | 73 0 | 74 0 | 75 0 | 76 0 | 77 0 | 78 0 | 79 0 | 80 0 | 81 0 | 12 |
| 21 | 67 45 | 68 45 | 69 45 | 70 45 | 71 45 | 72 45 | 73 45 | 74 45 | 75 45 | 76 45 | 77 45 | 78 45 | 79 45 | 80 45 | 9 |
| 24 | 67 35 | 68 35 | 69 35 | 70 35 | 71 35 | 72 35 | 73 35 | 74 35 | 75 35 | 76 40 | 77 40 | 78 40 | 79 42 | 80 40 | 6 |
| 27 | 67 30 | 68 30 | 69 30 | 70 30 | 71 30 | 72 30 | 73 30 | 74 30 | 75 30 | 76 30 | 77 30 | 78 30 | 79 30 | 80 32 | 3 |
| 30 | 67 28 | 68 27 | 69 28 | 70 28 | 71 28 | 72 28 | 73 28 | 74 28 | 75 28 | 76 28 | 77 28 | 78 28 | 79 28 | 80 28 | 0 ♎ |

Resi-

*Residuum TAB. 33. Altitudo Nonagesimi ab Ascendente numerati.*

| Poli. | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | Alt. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Si. G. | Gr. ′ | Gr. ′ | Gr. ′ | Gr. ′ | Gr. ′ | Gr. ′ | Gr. ′ | Gr. ′ | Gr. ′ | Gr. ′ | Gr. ′ | Gr. ′ | Gr. ′ | Gr. ′ | G. Si. |
| ♈ 6 | 51 30 | 50 30 | 49 30 | 48 30 | 47 30 | 46 30 | 45 30 | 44 30 | 43 30 | 42 30 | 41 40 | 40 30 | 39 30 | 38 30 | 30 |
| 3 | 51 33 | 50 33 | 49 32 | 48 33 | 47 33 | 46 33 | 45 33 | 44 33 | 43 33 | 42 32 | 41 32 | 40 33 | 39 33 | 38 33 | 27 |
| 6 | 51 35 | 50 35 | 49 35 | 48 35 | 47 35 | 46 35 | 45 35 | 44 35 | 43 35 | 42 35 | 41 35 | 40 35 | 39 35 | 38 35 | 24 |
| 9 | 51 45 | 50 40 | 49 45 | 48 40 | 47 40 | 46 40 | 45 40 | 44 40 | 43 40 | 42 40 | 41 40 | 40 40 | 39 40 | 38 40 | 21 |
| 12 | 51 55 | 50 50 | 49 55 | 48 55 | 47 50 | 46 50 | 45 50 | 44 50 | 43 50 | 42 50 | 41 50 | 40 50 | 39 50 | 38 50 | 18 |
| 15 | 52 5 | 51 5 | 50 10 | 49 5 | 48 5 | 47 5 | 46 5 | 45 5 | 44 5 | 43 5 | 42 5 | 41 5 | 40 5 | 39 5 | 15 |
| 18 | 52 25 | 51 25 | 50 25 | 49 25 | 48 20 | 47 20 | 46 20 | 45 20 | 44 20 | 43 20 | 42 20 | 41 20 | 40 20 | 39 20 | 12 |
| 21 | 52 45 | 51 45 | 50 40 | 49 40 | 48 40 | 47 40 | 46 40 | 45 40 | 44 40 | 43 35 | 42 35 | 41 35 | 40 35 | 39 35 | 9 |
| 24 | 53 5 | 52 5 | 51 5 | 50 5 | 49 5 | 48 5 | 47 0 | 46 0 | 45 0 | 43 55 | 42 45 | 41 45 | 40 55 | 39 55 | 6 |
| 27 | 53 35 | 52 30 | 51 30 | 50 30 | 49 30 | 48 25 | 47 25 | 46 25 | 45 25 | 44 20 | 43 20 | 42 20 | 41 20 | 40 15 | 3 |
| ♉ 0 | 54 0 | 53 0 | 52 0 | 51 0 | 49 55 | 48 55 | 47 55 | 46 50 | 45 50 | 44 50 | 43 50 | 42 45 | 41 45 | 40 45 | 0 ♓ |
| 3 | 54 35 | 53 35 | 52 30 | 51 30 | 50 30 | 49 25 | 48 25 | 47 25 | 46 25 | 45 20 | 44 20 | 43 15 | 42 15 | 41 10 | 27 |
| 6 | 55 10 | 54 10 | 53 5 | 52 5 | 51 5 | 50 0 | 49 0 | 48 0 | 46 55 | 45 50 | 44 50 | 43 50 | 42 45 | 41 45 | 24 |
| 9 | 55 50 | 54 45 | 53 45 | 52 40 | 51 40 | 50 40 | 49 35 | 48 35 | 47 30 | 46 25 | 45 25 | 44 25 | 43 20 | 42 20 | 21 |
| 12 | 56 30 | 55 25 | 54 20 | 53 25 | 52 20 | 51 15 | 50 15 | 49 10 | 48 10 | 47 5 | 46 5 | 45 0 | 43 55 | 42 55 | 18 |
| 15 | 57 15 | 56 10 | 55 5 | 54 5 | 53 5 | 52 0 | 50 55 | 49 55 | 48 50 | 47 50 | 46 45 | 45 40 | 44 35 | 43 35 | 15 |
| 18 | 58 5 | 56 55 | 55 55 | 54 55 | 53 50 | 52 45 | 51 40 | 50 40 | 49 35 | 48 30 | 47 30 | 46 25 | 45 20 | 44 15 | 12 |
| 21 | 58 55 | 57 50 | 56 45 | 55 45 | 54 40 | 53 35 | 52 30 | 51 30 | 50 25 | 49 20 | 48 20 | 47 15 | 46 10 | 45 5 | 9 |
| 24 | 59 50 | 58 45 | 57 45 | 56 35 | 55 30 | 54 30 | 53 25 | 52 20 | 51 20 | 50 15 | 49 10 | 48 5 | 47 0 | 45 55 | 6 |
| 27 | 60 45 | 59 40 | 58 40 | 57 30 | 56 25 | 55 25 | 54 20 | 53 15 | 52 10 | 51 5 | 50 0 | 48 55 | 47 50 | 46 50 | 3 |
| ♊ 0 | 61 40 | 60 40 | 59 35 | 58 30 | 57 25 | 56 20 | 55 15 | 54 10 | 53 5 | 52 0 | 50 55 | 49 50 | 48 45 | 47 40 | 0 ♒ |
| 3 | 62 45 | 61 40 | 60 35 | 59 30 | 58 25 | 57 20 | 56 35 | 55 10 | 54 5 | 53 0 | 51 55 | 50 50 | 49 45 | 48 40 | 27 |
| 6 | 63 50 | 62 45 | 61 40 | 60 35 | 59 30 | 58 25 | 57 20 | 56 15 | 55 10 | 54 5 | 53 0 | 51 55 | 50 50 | 49 40 | 24 |
| 9 | 64 55 | 63 50 | 62 45 | 61 40 | 60 35 | 59 30 | 58 25 | 57 20 | 56 15 | 55 10 | 54 5 | 52 55 | 51 50 | 50 45 | 21 |
| 12 | 66 5 | 65 0 | 63 55 | 62 50 | 61 45 | 60 40 | 59 35 | 58 25 | 57 20 | 56 15 | 55 10 | 54 5 | 53 0 | 51 50 | 18 |
| 15 | 67 15 | 66 10 | 65 5 | 64 0 | 62 55 | 61 50 | 60 45 | 59 35 | 58 30 | 57 30 | 56 20 | 55 15 | 54 5 | 53 0 | 15 |
| 18 | 68 30 | 67 25 | 66 20 | 65 15 | 64 10 | 63 0 | 61 55 | 60 50 | 59 45 | 58 40 | 57 30 | 56 25 | 55 15 | 54 10 | 12 |
| 21 | 69 45 | 68 40 | 67 35 | 66 30 | 65 20 | 64 15 | 63 10 | 62 5 | 60 55 | 59 50 | 58 45 | 57 35 | 56 30 | 55 25 | 9 |
| 24 | 71 0 | 69 45 | 68 50 | 67 45 | 66 40 | 65 30 | 64 25 | 63 20 | 62 15 | 61 5 | 60 0 | 58 20 | 57 45 | 56 35 | 6 |
| 27 | 72 20 | 71 15 | 70 5 | 69 0 | 67 55 | 66 50 | 65 40 | 64 35 | 63 30 | 62 20 | 61 15 | 60 10 | 59 0 | 57 35 | 3 |
| ♋ 0 | 73 35 | 72 30 | 71 25 | 70 20 | 69 10 | 68 5 | 67 0 | 65 55 | 64 45 | 63 45 | 62 35 | 61 25 | 60 20 | 59 10 | 0 ♑ |
| 3 | 74 45 | 73 50 | 72 45 | 71 35 | 70 30 | 69 25 | 68 20 | 67 10 | 66 5 | 65 0 | 63 50 | 62 45 | 61 40 | 60 30 | 27 |
| 6 | 76 15 | 75 10 | 74 0 | 72 55 | 71 50 | 70 45 | 69 40 | 68 30 | 67 25 | 66 20 | 65 10 | 64 5 | 63 0 | 61 50 | 24 |
| 9 | 77 35 | 76 25 | 75 20 | 74 15 | 73 10 | 72 5 | 70 55 | 69 50 | 68 45 | 67 35 | 66 30 | 65 25 | 64 45 | 63 10 | 21 |
| 12 | 78 50 | 77 45 | 76 40 | 75 35 | 74 25 | 73 20 | 72 15 | 71 10 | 70 5 | 68 45 | 67 50 | 66 45 | 65 35 | 64 30 | 18 |
| 15 | 80 5 | 79 0 | 77 55 | 76 50 | 75 45 | 74 40 | 73 35 | 72 30 | 71 20 | 70 15 | 69 10 | 68 5 | 66 55 | 65 50 | 15 |
| 18 | 81 25 | 80 20 | 79 15 | 78 5 | 77 0 | 75 55 | 74 50 | 73 45 | 72 40 | 71 35 | 70 30 | 69 25 | 68 15 | 67 10 | 12 |
| 21 | 82 40 | 81 35 | 80 30 | 79 25 | 78 20 | 77 15 | 76 10 | 75 5 | 74 0 | 72 50 | 71 45 | 70 40 | 69 35 | 68 30 | 9 |
| 24 | 83 55 | 82 50 | 81 45 | 80 40 | 79 35 | 78 30 | 77 25 | 76 20 | 75 15 | 74 10 | 73 5 | 71 55 | 70 50 | 69 45 | 6 |
| 27 | 85 5 | 84 0 | 82 55 | 81 55 | 80 45 | 79 40 | 78 40 | 77 35 | 76 30 | 75 25 | 74 15 | 73 15 | 72 10 | 71 50 | 3 |
| ♌ 0 | 86 15 | 85 10 | 84 10 | 83 5 | 82 0 | 80 55 | 79 50 | 78 45 | 77 40 | 76 35 | 75 30 | 74 25 | 73 20 | 72 15 | 0 ♐ |
| 3 | 87 25 | 86 20 | 85 15 | 84 10 | 83 5 | 82 5 | 81 0 | 79 55 | 78 50 | 77 45 | 76 40 | 75 35 | 74 30 | 73 25 | 27 |
| 6 | 88 30 | 87 25 | 86 20 | 85 15 | 84 15 | 83 10 | 82 5 | 81 0 | 80 0 | 78 50 | 77 50 | 76 45 | 75 40 | 74 35 | 24 |
| 9 | 89 30 | 88 30 | 87 25 | 86 20 | 85 15 | 84 15 | 83 10 | 82 5 | 81 5 | 80 0 | 78 55 | 77 50 | 76 50 | 75 45 | 21 |
| 12 | 89 30 | 89 25 | 88 25 | 87 20 | 86 20 | 85 15 | 84 10 | 83 10 | 82 5 | 81 0 | 80 0 | 78 55 | 77 50 | 76 45 | 18 |
| 15 | 88 35 | 89 40 | 89 20 | 88 15 | 87 15 | 86 15 | 85 10 | 84 5 | 83 5 | 82 0 | 81 0 | 79 55 | 78 50 | 77 50 | 15 |
| 18 | 87 40 | 88 45 | 89 45 | 89 15 | 88 10 | 87 10 | 86 15 | 85 5 | 84 0 | 83 0 | 81 55 | 80 50 | 79 50 | 78 45 | 12 |
| 21 | 86 55 | 87 50 | 88 55 | 89 55 | 89 5 | 88 0 | 87 0 | 85 55 | 84 55 | 83 50 | 82 50 | 81 45 | 80 45 | 79 40 | 9 |
| 24 | 86 5 | 87 0 | 88 5 | 89 10 | 89 50 | 88 50 | 87 45 | 86 45 | 85 40 | 84 40 | 83 35 | 82 35 | 81 35 | 80 30 | 6 |
| 27 | 85 20 | 86 20 | 87 25 | 88 25 | 89 25 | 89 35 | 88 10 | 87 30 | 86 25 | 85 25 | 84 25 | 83 20 | 82 20 | 81 20 | 3 |
| ♍ 0 | 84 40 | 85 40 | 86 45 | 87 45 | 88 45 | 89 45 | 89 10 | 88 10 | 87 10 | 86 10 | 85 5 | 84 5 | 83 5 | 82 0 | 0 ♏ |
| 3 | 84 5 | 85 5 | 86 5 | 87 10 | 88 10 | 89 10 | 89 50 | 88 0 | 87 45 | 86 45 | 85 45 | 84 40 | 83 40 | 82 40 | 27 |
| 6 | 83 30 | 84 30 | 85 35 | 86 35 | 87 35 | 88 35 | 89 35 | 89 25 | 88 20 | 87 20 | 86 20 | 85 15 | 84 15 | 83 15 | 24 |
| 9 | 83 0 | 84 5 | 85 5 | 86 5 | 87 5 | 88 5 | 89 5 | 89 55 | 88 50 | 87 50 | 86 50 | 85 50 | 84 50 | 83 50 | 21 |
| 12 | 82 40 | 83 40 | 84 40 | 85 40 | 86 40 | 87 40 | 88 40 | 89 40 | 89 15 | 87 15 | 86 15 | 85 15 | 84 15 | 83 15 | 18 |
| 15 | 82 20 | 83 20 | 84 20 | 85 20 | 86 20 | 87 20 | 88 20 | 89 20 | 89 40 | 88 35 | 87 40 | 86 35 | 85 35 | 84 35 | 15 |
| 18 | 82 0 | 83 0 | 84 0 | 85 0 | 86 0 | 87 0 | 88 0 | 89 0 | 89 55 | 88 55 | 87 55 | 86 55 | 85 55 | 84 55 | 12 |
| 21 | 81 45 | 82 45 | 83 45 | 84 45 | 85 45 | 86 45 | 87 45 | 88 45 | 89 45 | 89 15 | 88 15 | 87 15 | 86 15 | 85 15 | 9 |
| 24 | 81 40 | 82 40 | 83 40 | 84 40 | 85 40 | 86 40 | 87 40 | 88 40 | 89 40 | 89 20 | 88 20 | 87 20 | 86 20 | 85 20 | 6 |
| 27 | 81 32 | 82 32 | 83 32 | 84 32 | 85 32 | 86 32 | 87 32 | 88 32 | 89 30 | 89 28 | 88 30 | 87 31 | 86 31 | 85 32 | 3 |
| 30 | 81 28 | 82 28 | 83 28 | 84 28 | 85 28 | 86 28 | 87 28 | 88 28 | 89 28 | 89 30 | 88 28 | 87 28 | 86 28 | 85 28 | 0 ♎ |

*Residuum TAB. 33. Altitudo Nonagesimi ab Ascendente numerati.*

| Poli. | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | Alt. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Si. G. | Gr. ′ | Gr. ′ | Gr. ′ | Gr. ′ | Gr. ′ | Gr. ′ | Gr. ′ | Gr. ′ | Gr. ′ | Gr. ′ | Gr. ′ | Gr. ′ | Gr. ′ | G. Si. |
| ♈ 0 | 37 30 | 36 29 | 35 29 | 34 29 | 33 29 | 32 29 | 31 29 | 30 29 | 29 29 | 28 29 | 27 29 | 26 29 | 25 29 | 30 |
| 3 | 37 33 | 36 31 | 35 31 | 34 31 | 33 31 | 32 31 | 31 31 | 30 31 | 29 31 | 28 31 | 27 31 | 26 31 | 25 31 | 27 |
| 6 | 37 35 | 36 35 | 35 33 | 34 35 | 33 35 | 32 35 | 31 35 | 30 35 | 29 35 | 28 35 | 27 35 | 26 35 | 25 34 | 24 |
| 9 | 37 40 | 36 40 | 35 40 | 34 40 | 33 40 | 32 40 | 31 40 | 30 40 | 29 40 | 28 39 | 27 39 | 26 40 | 25 39 | 21 |
| 12 | 37 50 | 36 50 | 35 50 | 34 50 | 33 49 | 32 49 | 31 49 | 30 48 | 29 48 | 28 47 | 27 47 | 26 47 | 25 46 | 18 |
| 15 | 38 0 | 37 1 | 36 1 | 35 1 | 34 0 | 32 59 | 31 59 | 30 58 | 29 58 | 28 58 | 27 58 | 26 57 | 25 57 | 15 |
| 18 | 38 15 | 37 16 | 36 15 | 35 15 | 34 14 | 33 14 | 32 13 | 31 12 | 30 12 | 29 10 | 28 9 | 27 8 | 26 8 | 12 |
| 21 | 38 35 | 37 33 | 36 33 | 35 32 | 34 31 | 33 30 | 32 29 | 31 28 | 30 27 | 29 26 | 28 25 | 27 24 | 26 23 | 9 |
| 24 | 38 55 | 37 52 | 36 51 | 35 50 | 34 49 | 33 48 | 32 47 | 31 46 | 30 45 | 29 43 | 28 41 | 27 40 | 26 39 | 6 |
| 27 | 39 15 | 38 14 | 37 13 | 36 12 | 35 11 | 34 9 | 33 8 | 32 6 | 31 4 | 30 2 | 29 1 | 27 59 | 26 57 | 3 |
| ♉ 0 | 39 40 | 38 40 | 37 39 | 36 37 | 35 35 | 34 33 | 33 31 | 32 29 | 31 27 | 30 25 | 29 23 | 28 21 | 27 19 | 0 ♑ |
| 3 | 40 10 | 39 8 | 38 6 | 37 4 | 36 2 | 35 0 | 33 58 | 32 56 | 31 53 | 30 51 | 29 48 | 28 46 | 27 44 | 27 |
| 6 | 40 40 | 39 39 | 38 36 | 37 34 | 36 32 | 35 29 | 34 27 | 33 24 | 32 21 | 31 18 | 30 15 | 29 18 | 28 9 | 24 |
| 9 | 41 15 | 40 13 | 39 10 | 38 8 | 37 5 | 36 2 | 34 59 | 33 59 | 32 53 | 31 49 | 30 46 | 29 42 | 28 38 | 21 |
| 12 | 41 50 | 40 50 | 39 47 | 38 14 | 37 41 | 36 37 | 35 34 | 34 30 | 33 27 | 32 22 | 31 19 | 30 15 | 29 11 | 18 |
| 15 | 42 30 | 41 29 | 40 26 | 39 23 | 38 19 | 37 14 | 36 11 | 35 6 | 34 2 | 32 57 | 31 54 | 30 50 | 29 45 | 15 |
| 18 | 43 15 | 42 12 | 41 8 | 40 4 | 39 0 | 37 55 | 36 51 | 35 46 | 34 42 | 33 37 | 32 33 | 31 28 | 30 22 | 12 |
| 21 | 44 0 | 42 56 | 41 52 | 40 47 | 39 43 | 38 38 | 37 33 | 36 29 | 35 23 | 34 18 | 33 13 | 32 8 | 31 2 | 9 |
| 24 | 44 50 | 43 45 | 42 40 | 41 35 | 40 30 | 39 25 | 38 20 | 37 15 | 36 9 | 35 3 | 33 37 | 32 52 | 31 45 | 6 |
| 27 | 45 40 | 44 37 | 43 32 | 42 26 | 41 21 | 40 16 | 39 10 | 38 5 | 36 59 | 35 52 | 34 46 | 33 39 | 32 32 | 3 |
| ♊ 0 | 46 35 | 45 32 | 44 26 | 43 19 | 42 14 | 41 8 | 40 2 | 38 56 | 37 30 | 36 42 | 35 36 | 34 29 | 33 21 | 0 ♒ |
| 3 | 47 35 | 46 30 | 45 24 | 44 17 | 43 11 | 42 4 | 40 58 | 39 51 | 38 45 | 37 38 | 36 30 | 35 23 | 34 14 | 27 |
| 6 | 48 35 | 47 29 | 46 23 | 45 17 | 44 10 | 43 3 | 41 47 | 40 49 | 39 42 | 38 35 | 37 27 | 36 19 | 35 10 | 24 |
| 9 | 49 40 | 48 32 | 47 25 | 46 20 | 45 13 | 44 6 | 42 58 | 41 51 | 40 43 | 39 34 | 38 26 | 37 18 | 36 9 | 21 |
| 12 | 50 45 | 49 38 | 48 31 | 47 2 | 46 17 | 45 10 | 44 2 | 42 54 | 41 46 | 40 37 | 39 28 | 38 20 | 37 11 | 18 |
| 15 | 51 50 | 50 45 | 49 38 | 48 30 | 47 24 | 46 15 | 45 7 | 44 0 | 42 51 | 41 42 | 40 33 | 39 25 | 38 15 | 15 |
| 18 | 53 5 | 51 55 | 50 48 | 49 40 | 48 33 | 47 24 | 46 16 | 45 8 | 43 59 | 42 50 | 41 41 | 40 32 | 39 22 | 12 |
| 21 | 54 15 | 53 8 | 52 1 | 50 53 | 49 45 | 48 36 | 47 28 | 46 20 | 45 11 | 44 2 | 42 53 | 41 43 | 40 33 | 9 |
| 24 | 55 30 | 54 23 | 53 16 | 52 8 | 51 0 | 49 51 | 48 43 | 47 35 | 46 26 | 45 10 | 44 7 | 42 57 | 41 47 | 6 |
| 27 | 56 45 | 55 40 | 54 32 | 53 24 | 52 16 | 51 7 | 49 59 | 48 50 | 47 41 | 46 32 | 45 22 | 44 12 | 43 2 | 3 |
| ♋ 0 | 58 5 | 56 58 | 55 50 | 54 42 | 53 34 | 52 25 | 51 16 | 50 8 | 48 59 | 47 49 | 46 40 | 45 30 | 44 19 | 0 ♓ |
| 3 | 59 25 | 58 16 | 57 8 | 56 0 | 54 52 | 53 43 | 52 35 | 51 26 | 50 17 | 49 8 | 47 58 | 46 48 | 45 38 | 27 |
| 6 | 60 45 | 59 35 | 58 28 | 57 20 | 56 12 | 55 3 | 53 55 | 52 47 | 51 38 | 50 28 | 49 19 | 48 9 | 46 59 | 24 |
| 9 | 62 5 | 60 56 | 59 49 | 58 41 | 57 33 | 56 24 | 55 16 | 54 8 | 52 59 | 51 50 | 50 41 | 49 31 | 48 21 | 21 |
| 12 | 63 25 | 62 17 | 61 10 | 60 2 | 58 55 | 57 47 | 56 38 | 55 30 | 54 21 | 53 12 | 52 3 | 50 54 | 49 44 | 18 |
| 15 | 64 45 | 63 37 | 62 30 | 61 22 | 60 16 | 59 7 | 57 59 | 56 52 | 55 43 | 54 34 | 53 25 | 52 17 | 51 7 | 15 |
| 18 | 66 5 | 64 56 | 63 49 | 62 42 | 61 35 | 60 28 | 59 20 | 58 13 | 57 4 | 55 55 | 54 46 | 53 38 | 52 29 | 12 |
| 21 | 67 20 | 66 16 | 65 9 | 64 3 | 62 57 | 61 49 | 60 41 | 59 34 | 58 26 | 57 18 | 56 9 | 55 2 | 53 52 | 9 |
| 24 | 68 40 | 67 33 | 66 27 | 65 21 | 64 16 | 63 7 | 62 1 | 60 53 | 59 45 | 58 39 | 57 30 | 56 23 | 55 14 | 6 |
| 27 | 69 55 | 68 50 | 67 44 | 66 38 | 65 32 | 64 25 | 63 19 | 62 12 | 61 5 | 59 18 | 58 50 | 57 43 | 56 35 | 3 |
| ♌ 0 | 71 10 | 70 5 | 68 59 | 67 53 | 66 48 | 65 42 | 64 36 | 63 29 | 62 23 | 61 16 | 60 9 | 59 2 | 57 55 | 0 ♈ |
| 3 | 72 20 | 71 17 | 70 12 | 69 7 | 68 2 | 66 56 | 65 50 | 64 45 | 63 39 | 62 32 | 61 26 | 60 19 | 59 12 | 27 |
| 6 | 73 30 | 72 28 | 71 24 | 70 19 | 69 14 | 68 9 | 67 3 | 65 58 | 64 53 | 63 47 | 62 41 | 61 35 | 60 28 | 24 |
| 9 | 74 40 | 73 36 | 72 32 | 71 27 | 70 23 | 69 18 | 68 13 | 67 8 | 66 3 | 64 58 | 63 53 | 62 48 | 61 41 | 21 |
| 12 | 75 45 | 74 40 | 73 36 | 72 32 | 71 28 | 70 24 | 69 19 | 68 13 | 67 10 | 66 5 | 65 1 | 63 56 | 62 51 | 18 |
| 15 | 76 45 | 75 41 | 74 37 | 73 34 | 72 30 | 71 27 | 70 22 | 69 18 | 68 14 | 67 9 | 66 6 | 65 1 | 63 57 | 15 |
| 18 | 77 45 | 76 40 | 75 36 | 74 34 | 73 31 | 72 27 | 71 24 | 70 20 | 69 17 | 68 12 | 67 9 | 66 5 | 65 0 | 12 |
| 21 | 78 40 | 77 35 | 76 32 | 75 30 | 74 27 | 73 24 | 72 21 | 71 18 | 70 15 | 69 11 | 68 8 | 67 4 | 66 0 | 9 |
| 24 | 79 30 | 78 27 | 77 24 | 76 22 | 75 20 | 74 17 | 73 15 | 72 12 | 71 9 | 70 6 | 69 3 | 68 0 | 66 57 | 6 |
| 27 | 80 15 | 79 14 | 78 12 | 77 10 | 76 8 | 75 6 | 74 4 | 73 2 | 71 59 | 70 57 | 69 54 | 68 52 | 67 50 | 3 |
| ♍ 0 | 81 0 | 79 58 | 78 57 | 77 55 | 76 53 | 75 51 | 74 49 | 73 47 | 72 45 | 71 43 | 70 41 | 69 39 | 68 37 | 0 ♎ |
| 3 | 81 40 | 80 38 | 79 37 | 78 36 | 77 34 | 76 33 | 75 31 | 74 30 | 73 28 | 72 26 | 71 25 | 70 23 | 69 21 | 27 |
| 6 | 82 15 | 81 14 | 80 13 | 79 12 | 78 11 | 77 10 | 76 9 | 75 8 | 74 6 | 73 4 | 72 3 | 71 2 | 70 1 | 24 |
| 9 | 82 45 | 81 45 | 80 45 | 79 44 | 78 43 | 77 42 | 76 41 | 75 40 | 74 40 | 73 38 | 72 37 | 71 36 | 70 35 | 21 |
| 12 | 82 15 | 82 13 | 81 13 | 80 13 | 79 12 | 78 11 | 77 10 | 76 9 | 75 9 | 74 8 | 73 7 | 72 6 | 71 6 | 18 |
| 15 | 83 35 | 82 37 | 81 37 | 80 36 | 79 36 | 78 35 | 77 35 | 76 34 | 75 34 | 74 34 | 73 33 | 72 32 | 71 32 | 15 |
| 18 | 83 55 | 82 56 | 81 56 | 80 56 | 79 55 | 78 55 | 77 55 | 76 54 | 75 54 | 74 54 | 73 53 | 72 53 | 71 52 | 12 |
| 21 | 86 10 | 83 12 | 82 12 | 81 12 | 80 12 | 79 12 | 78 11 | 77 11 | 76 11 | 75 10 | 74 10 | 73 10 | 72 9 | 9 |
| 24 | 84 20 | 83 22 | 82 22 | 81 22 | 80 22 | 79 22 | 78 22 | 77 22 | 76 22 | 75 22 | 74 22 | 73 22 | 72 21 | 6 |
| 27 | 84 32 | 83 29 | 82 28 | 81 28 | 80 28 | 79 28 | 78 29 | 77 29 | 76 29 | 75 29 | 74 29 | 73 29 | 72 28 | 3 |
| 30 | 84 28 | 83 31 | 82 31 | 81 31 | 80 31 | 79 31 | 78 31 | 77 31 | 76 31 | 75 31 | 74 31 | 73 31 | 72 31 | 0 ♏ |

Resi-

*Residuum TAB. 33. Altitudo Nonagesimi ab Ascendente numerati.*

| Poli. | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | Alt. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Si. G. | Gr. ′ | Gr. ′ | Gr. ′ | Gr. ′ | Gr. ′ | Gr. ′ | Gr. ′ | Gr. ′ | Gr. ′ | Gr. ′ | Gr. ′ | Gr. ′ | Gr. ′ | G. Si. |
| ♈ 0 | 24 29 | 23 39 | 22 29 | 21 29 | 20 29 | 19 29 | 18 29 | 17 29 | 16 29 | 15 29 | 14 29 | 13 29 | 12 29 | 30 |
| 3 | 24 30 | 23 30 | 22 30 | 21 30 | 20 31 | 19 31 | 18 31 | 17 30 | 16 30 | 15 30 | 14 30 | 13 30 | 12 30 | 27 |
| 6 | 24 33 | 23 33 | 22 33 | 21 33 | 20 34 | 19 34 | 18 34 | 17 33 | 16 33 | 15 33 | 14 32 | 13 32 | 12 32 | 24 |
| 9 | 24 38 | 23 38 | 22 38 | 21 38 | 20 37 | 19 37 | 18 37 | 17 37 | 16 37 | 15 37 | 14 36 | 13 36 | 12 36 | 21 |
| 12 | 24 46 | 23 46 | 22 46 | 21 45 | 20 44 | 19 44 | 18 44 | 17 44 | 16 43 | 15 43 | 14 42 | 13 42 | 12 42 | 18 |
| 15 | 24 55 | 23 55 | 22 54 | 21 53 | 20 52 | 19 52 | 18 51 | 17 50 | 16 50 | 15 49 | 14 48 | 13 48 | 12 48 | 15 |
| 18 | 25 7 | 24 6 | 23 5 | 22 4 | 21 3 | 20 2 | 19 1 | 18 0 | 16 59 | 15 58 | 14 57 | 13 56 | 12 56 | 12 |
| 21 | 25 21 | 24 20 | 23 19 | 22 18 | 21 17 | 20 15 | 19 14 | 18 12 | 17 11 | 16 9 | 15 8 | 14 6 | 13 5 | 9 |
| 24 | 25 37 | 24 36 | 23 34 | 22 32 | 21 31 | 20 29 | 19 27 | 18 25 | 17 23 | 16 22 | 15 19 | 14 17 | 13 15 | 6 |
| 27 | 25 56 | 24 54 | 23 52 | 22 49 | 21 48 | 20 45 | 19 43 | 18 40 | 17 38 | 16 35 | 15 32 | 14 30 | 13 30 | 3 |
| ♉ 0 | 26 17 | 25 15 | 24 12 | 23 10 | 22 7 | 21 4 | 20 2 | 18 58 | 17 55 | 16 52 | 15 49 | 14 45 | 13 40 | 0 ♓ |
| 3 | 26 40 | 25 38 | 24 35 | 23 32 | 22 29 | 21 26 | 20 22 | 19 18 | 18 15 | 17 11 | 16 7 | 15 3 | 14 0 | 27 |
| 6 | 27 6 | 26 3 | 24 59 | 23 56 | 22 52 | 21 49 | 20 45 | 19 41 | 18 36 | 17 32 | 16 27 | 15 22 | 14 15 | 24 |
| 9 | 27 35 | 26 31 | 25 27 | 24 23 | 23 19 | 22 14 | 21 10 | 20 5 | 19 0 | 17 55 | 16 49 | 15 44 | 14 35 | 21 |
| 12 | 28 6 | 27 2 | 25 57 | 24 53 | 23 49 | 22 43 | 21 37 | 20 32 | 19 27 | 18 21 | 17 14 | 16 8 | 15 0 | 18 |
| 15 | 28 40 | 27 36 | 26 30 | 25 26 | 24 20 | 23 14 | 22 7 | 21 0 | 19 54 | 18 46 | 17 41 | 16 33 | 15 25 | 15 |
| 18 | 29 17 | 28 12 | 27 6 | 26 0 | 24 54 | 23 47 | 22 40 | 21 32 | 20 25 | 19 17 | 18 10 | 17 1 | 15 50 | 12 |
| 21 | 29 56 | 28 50 | 27 43 | 26 37 | 25 30 | 24 23 | 23 15 | 22 7 | 20 59 | 19 50 | 18 41 | 17 31 | 16 20 | 9 |
| 24 | 30 39 | 29 32 | 28 25 | 27 18 | 26 9 | 25 2 | 23 54 | 22 45 | 21 37 | 20 27 | 19 16 | 18 5 | 16 55 | 6 |
| 27 | 31 26 | 30 18 | 29 10 | 28 2 | 26 53 | 25 45 | 24 36 | 23 27 | 22 17 | 21 7 | 19 55 | 18 43 | 17 30 | 3 |
| ♊ 0 | 32 15 | 31 6 | 29 58 | 28 49 | 27 40 | 26 31 | 25 21 | 24 11 | 23 0 | 21 48 | 20 36 | 19 24 | 18 10 | 0 ♒ |
| 3 | 33 7 | 31 58 | 30 49 | 29 40 | 28 31 | 27 21 | 26 10 | 24 59 | 23 47 | 22 34 | 21 22 | 20 7 | 18 55 | 27 |
| 6 | 34 2 | 32 53 | 31 43 | 30 33 | 29 23 | 28 13 | 27 1 | 25 49 | 24 37 | 23 23 | 22 9 | 20 54 | 19 40 | 24 |
| 9 | 35 0 | 33 51 | 32 40 | 31 30 | 30 19 | 29 8 | 27 56 | 26 43 | 25 29 | 24 15 | 23 0 | 21 45 | 20 30 | 21 |
| 12 | 36 1 | 34 52 | 33 41 | 32 10 | 31 18 | 30 6 | 28 54 | 27 41 | 26 25 | 25 11 | 23 55 | 22 39 | 21 20 | 18 |
| 15 | 37 4 | 35 55 | 34 44 | 33 33 | 32 20 | 31 8 | 29 55 | 28 42 | 27 26 | 26 11 | 24 54 | 23 37 | 22 20 | 15 |
| 18 | 38 11 | 37 1 | 35 50 | 34 38 | 33 26 | 32 13 | 31 0 | 29 46 | 28 30 | 27 14 | 25 57 | 24 39 | 23 20 | 12 |
| 21 | 39 22 | 38 11 | 37 0 | 35 47 | 34 34 | 33 21 | 32 8 | 30 53 | 29 37 | 28 21 | 27 4 | 25 45 | 24 25 | 9 |
| 24 | 40 30 | 39 24 | 38 13 | 37 0 | 35 47 | 34 34 | 33 20 | 32 4 | 30 48 | 29 32 | 28 15 | 26 56 | 25 35 | 6 |
| 27 | 41 51 | 40 39 | 39 28 | 38 15 | 37 2 | 35 48 | 34 34 | 33 19 | 32 3 | 30 46 | 29 29 | 28 9 | 26 50 | 3 |
| ♋ 0 | 43 8 | 41 56 | 40 45 | 39 32 | 38 19 | 37 6 | 35 52 | 34 37 | 33 20 | 32 3 | 30 45 | 29 26 | 28 5 | 0 ♑ |
| 3 | 44 27 | 43 15 | 42 4 | 40 51 | 39 38 | 38 24 | 37 10 | 35 55 | 34 39 | 33 22 | 32 4 | 30 45 | 29 25 | 27 |
| 6 | 45 48 | 44 36 | 43 25 | 42 12 | 40 59 | 39 46 | 38 32 | 37 17 | 36 1 | 34 44 | 33 27 | 32 8 | 30 45 | 24 |
| 9 | 47 10 | 45 59 | 44 48 | 43 35 | 42 22 | 41 9 | 39 56 | 38 41 | 37 25 | 36 9 | 34 52 | 33 33 | 32 10 | 21 |
| 12 | 48 33 | 46 23 | 46 12 | 45 0 | 43 48 | 42 35 | 41 22 | 40 8 | 38 52 | 37 36 | 36 19 | 35 1 | 33 40 | 18 |
| 15 | 49 56 | 47 47 | 47 36 | 46 24 | 45 12 | 44 0 | 42 47 | 41 33 | 48 18 | 39 3 | 37 46 | 36 29 | 35 10 | 15 |
| 18 | 51 19 | 49 10 | 49 0 | 47 48 | 46 36 | 45 24 | 44 13 | 43 0 | 41 45 | 40 30 | 39 14 | 37 58 | 36 40 | 12 |
| 21 | 52 43 | 50 34 | 50 24 | 49 13 | 48 2 | 46 50 | 45 40 | 44 27 | 43 13 | 41 59 | 40 44 | 39 28 | 38 10 | 9 |
| 24 | 54 6 | 51 57 | 51 47 | 50 37 | 49 27 | 48 17 | 47 5 | 45 53 | 44 40 | 43 27 | 42 13 | 40 58 | 39 40 | 6 |
| 27 | 55 27 | 53 18 | 53 10 | 52 1 | 50 51 | 49 41 | 48 30 | 47 19 | 46 7 | 44 55 | 43 42 | 42 27 | 41 15 | 3 |
| ♌ 0 | 56 48 | 55 40 | 54 32 | 53 23 | 52 14 | 51 5 | 49 54 | 48 44 | 47 33 | 46 21 | 45 9 | 43 57 | 42 45 | 0 ♎ |
| 3 | 58 6 | 56 58 | 55 50 | 54 44 | 53 34 | 52 26 | 51 17 | 50 8 | 48 57 | 47 46 | 46 35 | 45 24 | 44 10 | 27 |
| 6 | 59 23 | 58 16 | 57 9 | 56 2 | 54 54 | 53 46 | 52 38 | 51 29 | 50 20 | 49 10 | 48 0 | 46 49 | 45 35 | 24 |
| 9 | 60 36 | 59 30 | 58 23 | 57 17 | 56 10 | 55 3 | 53 55 | 52 47 | 51 59 | 50 30 | 49 21 | 48 11 | 47 ☉ | 21 |
| 12 | 61 45 | 60 40 | 59 34 | 58 28 | 57 22 | 56 16 | 55 8 | 54 1 | 52 54 | 51 46 | 50 37 | 49 29 | 48 20 | 18 |
| 15 | 62 52 | 61 48 | 60 42 | 59 38 | 58 31 | 57 25 | 56 18 | 55 12 | 54 6 | 52 59 | 51 52 | 50 45 | 49 35 | 15 |
| 18 | 63 56 | 62 52 | 61 47 | 60 43 | 59 38 | 58 33 | 57 26 | 56 22 | 55 16 | 54 10 | 53 4 | 51 58 | 50 50 | 12 |
| 21 | 64 57 | 63 53 | 62 49 | 61 45 | 60 41 | 59 37 | 58 32 | 57 57 | 56 22 | 55 17 | 54 11 | 53 6 | 52 0 | 9 |
| 24 | 65 54 | 64 51 | 63 47 | 62 44 | 61 40 | 60 36 | 59 33 | 58 28 | 57 24 | 56 19 | 55 15 | 54 10 | 53 5 | 6 |
| 27 | 66 46 | 65 44 | 64 41 | 63 38 | 62 35 | 61 32 | 60 28 | 59 24 | 58 21 | 57 17 | 56 13 | 55 9 | 54 5 | 3 |
| ♍ 0 | 67 35 | 66 33 | 65 30 | 64 28 | 63 25 | 62 22 | 61 20 | 60 16 | 59 13 | 58 10 | 57 7 | 56 3 | 55 0 | 0 ♋ |
| 3 | 68 19 | 67 17 | 66 16 | 65 13 | 64 12 | 63 9 | 62 7 | 61 4 | 60 2 | 58 59 | 57 57 | 56 53 | 55 50 | 27 |
| 6 | 68 59 | 67 57 | 66 55 | 65 54 | 64 53 | 63 51 | 62 49 | 61 47 | 60 45 | 59 43 | 58 41 | 57 39 | 56 35 | 24 |
| 9 | 69 33 | 68 72 | 67 31 | 66 31 | 65 29 | 64 28 | 63 26 | 62 24 | 61 23 | 60 21 | 59 20 | 58 18 | 57 15 | 21 |
| 12 | 70 5 | 69 4 | 68 3 | 67 2 | 66 1 | 65 0 | 63 59 | 62 58 | 61 57 | 60 55 | 59 54 | 58 53 | 57 55 | 18 |
| 15 | 70 31 | 69 31 | 68 30 | 67 28 | 66 28 | 65 28 | 64 27 | 63 26 | 62 26 | 61 25 | 60 23 | 59 23 | 58 20 | 15 |
| 18 | 70 53 | 69 53 | 68 52 | 67 51 | 66 50 | 65 50 | 64 50 | 63 49 | 62 49 | 61 49 | 60 48 | 59 48 | 58 45 | 12 |
| 21 | 71 10 | 70 10 | 69 10 | 68 8 | 67 9 | 66 8 | 65 8 | 64 8 | 63 7 | 62 8 | 61 7 | 60 7 | 59 5 | 9 |
| 24 | 71 21 | 70 21 | 69 21 | 68 21 | 67 21 | 66 21 | 65 21 | 64 21 | 63 20 | 62 20 | 61 20 | 60 20 | 59 20 | 6 |
| 27 | 71 28 | 70 28 | 69 28 | 68 29 | 67 28 | 66 29 | 65 29 | 64 29 | 63 28 | 62 28 | 61 28 | 60 28 | 59 30 | 3 |
| 30 | 71 31 | 70 31 | 69 31 | 68 31 | 67 31 | 66 31 | 65 31 | 64 31 | 63 31 | 62 31 | 61 31 | 60 31 | 59 31 | 0 ♏ |

Resi-

*Residuum TAB. 33. Altitudo Nonagesimi ab Ascendente numerati.*

| Poli. | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | Alt. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Si. G. | Gr. ′ | Gr. ′ | Gr. ′ | Gr. ′ | Gr. ′ | Gr. ′ | Gr. ′ | Gr. ′ | Gr. ′ | Gr. ′ | Gr. ′ | Gr. ′ | Gr. ′ | G. Si. |
| ♈ 0 | 11 29 | 10 30 | 9 29 | 8 29 | 7 29 | 6 29 | 5 29 | 4 28 | 3 28 | 2 28 | 1 28 | 0 28 | 0 28 | 30 |
| 3 | 11 31 | 10 31 | 9 30 | 8 30 | 7 30 | 6 31 | 5 29 | 4 28 | 3 29 | 2 28 | 1 28 | 0 28 | 0 28 | 27 |
| 6 | 11 30 | 10 33 | 9 32 | 8 32 | 7 32 | 6 33 | 5 30 | 4 29 | 3 32 | 2 29 | 1 29 | 0 29 | 0 29 | 24 |
| 9 | 11 35 | 10 35 | 9 35 | 8 35 | 7 35 | 6 35 | 5 32 | 4 31 | 3 33 | 2 30 | 1 29 | 0 29 | 0 29 | 21 |
| 12 | 11 40 | 10 40 | 9 40 | 8 40 | 7 37 | 6 37 | 5 35 | 4 34 | 3 35 | 2 32 | 1 30 | 0 30 | 0 30 | 18 |
| 15 | 11 45 | 10 45 | 9 45 | 8 45 | 7 40 | 6 40 | 5 40 | 4 35 | 3 36 | 2 33 | 1 32 | 0 30 | 0 31 | 15 |
| 18 | 11 55 | 10 50 | 9 50 | 8 50 | 7 50 | 6 45 | 5 42 | 4 39 | 3 37 | 2 34 | 1 33 | 0 31 | 0 32 | 12 |
| 21 | 12 0 | 11 0 | 9 55 | 8 55 | 7 55 | 6 50 | 5 45 | 4 45 | 3 40 | 2 35 | 1 34 | 0 31 | 0 33 | 9 |
| 24 | 12 10 | 11 10 | 10 5 | 9 5 | 8 0 | 7 0 | 5 55 | 4 50 | 3 45 | 2 39 | 1 36 | 0 32 | 0 34 | 6 |
| 27 | 12 25 | 11 20 | 10 15 | 9 15 | 8 10 | 7 5 | 6 0 | 4 55 | 3 50 | 2 45 | 1 40 | 0 33 | 0 35 | 3 |
| ♉ 0 | 12 40 | 11 35 | 10 30 | 9 25 | 8 20 | 7 15 | 6 10 | 5 5 | 3 55 | 2 50 | 1 42 | 0 34 | 0 37 | 0 ♓ |
| 3 | 12 55 | 11 50 | 10 45 | 9 40 | 8 35 | 7 25 | 6 20 | 5 10 | 4 0 | 2 55 | 1 45 | 0 35 | 0 38 | 27 |
| 6 | 13 10 | 12 5 | 11 0 | 9 50 | 8 45 | 7 35 | 6 30 | 5 20 | 4 10 | 3 0 | 1 47 | 0 36 | 0 40 | 24 |
| 9 | 13 30 | 12 20 | 11 15 | 10 15 | 9 0 | 7 50 | 6 45 | 5 30 | 4 15 | 3 5 | 1 50 | 0 37 | 0 42 | 21 |
| 12 | 13 50 | 12 40 | 11 35 | 10 25 | 9 15 | 8 5 | 6 55 | 5 40 | 4 25 | 3 15 | 1 55 | 0 38 | 0 44 | 18 |
| 15 | 14 15 | 13 5 | 11 55 | 10 45 | 9 30 | 8 25 | 7 10 | 5 50 | 4 40 | 3 20 | 2 0 | 0 40 | 0 45 | 15 |
| 18 | 14 40 | 13 30 | 12 20 | 11 5 | 9 55 | 8 40 | 7 25 | 6 10 | 4 50 | 3 30 | 2 10 | 0 42 | 0 48 | 12 |
| 21 | 15 10 | 14 0 | 12 50 | 11 35 | 10 20 | 9 10 | 7 45 | 6 25 | 5 5 | 3 45 | 2 15 | 0 44 | 0 50 | 9 |
| 24 | 15 45 | 14 30 | 13 15 | 12 0 | 10 45 | 9 25 | 8 10 | 6 45 | 5 25 | 4 55 | 2 25 | 0 46 | 0 55 | 6 |
| 27 | 16 20 | 15 5 | 13 50 | 12 30 | 11 15 | 9 55 | 8 30 | 7 10 | 5 40 | 4 10 | 2 35 | 0 50 | 1 0 | 3 |
| ♊ 0 | 16 55 | 15 40 | 14 20 | 13 5 | 11 45 | 10 20 | 9 0 | 7 30 | 6 0 | 4 25 | 2 45 | 0 55 | 1 5 | 0 ♒ |
| 3 | 17 45 | 16 20 | 15 0 | 13 40 | 12 20 | 10 55 | 9 30 | 8 0 | 6 25 | 4 45 | 3 0 | 1 0 | 1 15 | 27 |
| 6 | 18 20 | 17 5 | 15 45 | 14 20 | 13 0 | 11 35 | 10 5 | 8 30 | 6 55 | 5 10 | 3 15 | 1 10 | 1 25 | 24 |
| 9 | 19 10 | 17 50 | 16 30 | 15 5 | 13 40 | 12 10 | 10 40 | 9 5 | 7 20 | 5 35 | 3 30 | 1 15 | 1 35 | 21 |
| 12 | 20 1 | 18 40 | 17 20 | 15 55 | 14 25 | 12 55 | 11 20 | 9 40 | 8 0 | 6 5 | 3 55 | 1 25 | 1 55 | 18 |
| 15 | 21 0 | 19 35 | 18 15 | 16 45 | 15 20 | 13 45 | 12 10 | 10 25 | 8 40 | 6 45 | 4 20 | 1 40 | 2 30 | 15 |
| 18 | 21 55 | 20 35 | 19 10 | 17 45 | 16 15 | 14 40 | 13 0 | 11 15 | 9 25 | 7 20 | 4 55 | 1 55 | 4 20 | 12 |
| 21 | 23 0 | 21 40 | 20 15 | 18 45 | 17 18 | 15 42 | 14 0 | 12 15 | 10 15 | 8 10 | 5 40 | 2 20 | 5 5 | 9 |
| 24 | 24 10 | 22 50 | 21 25 | 19 55 | 18 20 | 16 45 | 15 5 | 13 15 | 11 17 | 9 5 | 6 35 | 2 55 | Con- | 6 |
| 27 | 25 25 | 24 5 | 22 35 | 21 5 | 19 30 | 17 55 | 16 15 | 14 25 | 12 25 | 10 10 | 7 35 | 3 45 | sul- | 3 |
| ♋ 0 | 26 40 | 25 15 | 23 50 | 22 20 | 20 45 | 19 10 | 17 25 | 15 35 | 13 40 | 11 25 | 8 40 | 4 50 | to | 0 ♑ |
| 3 | 28 0 | 26 40 | 25 10 | 23 40 | 22 10 | 20 35 | 18 50 | 17 0 | 15 0 | 12 45 | 10 0 | 6 20 | va- | 27 |
| 6 | 29 25 | 28 5 | 26 35 | 25 5 | 23 35 | 22 0 | 20 15 | 18 25 | 16 30 | 14 15 | 11 35 | 8 10 | cat. | 24 |
| 9 | 30 50 | 29 30 | 28 0 | 26 35 | 25 0 | 23 25 | 21 45 | 20 0 | 18 5 | 15 55 | 13 25 | 10 5 | 5 5 | 21 |
| 12 | 32 15 | 30 55 | 29 10 | 28 5 | 26 35 | 25 0 | 23 20 | 21 40 | 19 45 | 17 40 | 15 20 | 12 20 | 6 0 | 18 |
| 15 | 33 50 | 32 30 | 31 5 | 29 35 | 28 10 | 26 40 | 25 0 | 23 20 | 21 30 | 19 30 | 17 15 | 14 30 | 10 20 | 15 |
| 18 | 35 20 | 34 0 | 32 35 | 31 10 | 29 45 | 28 15 | 26 40 | 25 5 | 23 15 | 21 25 | 19 15 | 16 45 | 13 25 | 12 |
| 21 | 36 55 | 35 35 | 34 10 | 32 50 | 31 25 | 29 55 | 28 20 | 26 45 | 25 5 | 23 15 | 21 15 | 19 0 | 16 5 | 9 |
| 24 | 38 25 | 37 5 | 35 45 | 34 25 | 33 0 | 31 35 | 30 5 | 28 30 | 26 55 | 25 10 | 23 15 | 21 10 | 18 40 | 6 |
| 27 | 40 0 | 38 40 | 37 25 | 36 0 | 34 40 | 33 15 | 31 50 | 30 20 | 28 45 | 27 5 | 25 15 | 23 20 | 21 5 | 3 |
| ♌ 0 | 41 30 | 40 15 | 38 50 | 37 40 | 36 20 | 34 55 | 33 30 | 32 5 | 30 35 | 29 0 | 27 20 | 25 30 | 23 30 | 0 ♎ |
| 3 | 42 55 | 41 40 | 40 30 | 39 10 | 37 50 | 36 30 | 35 15 | 33 50 | 32 20 | 30 50 | 29 15 | 27 35 | 25 45 | 27 |
| 6 | 44 25 | 43 10 | 41 55 | 40 40 | 39 25 | 38 5 | 36 50 | 35 30 | 34 5 | 32 40 | 31 10 | 29 35 | 27 50 | 24 |
| 9 | 45 50 | 44 35 | 43 25 | 42 10 | 40 55 | 39 40 | 38 25 | 37 5 | 35 45 | 34 20 | 32 55 | 31 25 | 29 50 | 21 |
| 12 | 47 10 | 46 0 | 44 50 | 43 35 | 42 25 | 41 10 | 39 55 | 38 40 | 37 20 | 36 0 | 34 35 | 33 15 | 31 40 | 18 |
| 15 | 48 25 | 47 20 | 46 10 | 44 55 | 43 45 | 42 35 | 41 25 | 40 10 | 38 50 | 37 35 | 36 15 | 34 55 | 32 25 | 15 |
| 18 | 49 40 | 48 35 | 47 25 | 46 15 | 45 10 | 43 55 | 42 45 | 41 35 | 40 15 | 39 5 | 37 45 | 36 30 | 35 5 | 12 |
| 21 | 50 55 | 49 45 | 48 40 | 47 30 | 46 20 | 45 15 | 44 5 | 42 50 | 41 40 | 40 30 | 39 15 | 38 0 | 36 45 | 9 |
| 24 | 52 0 | 50 50 | 49 45 | 48 40 | 47 30 | 46 25 | 45 20 | 44 5 | 42 55 | 41 45 | 40 40 | 40 20 | 38 15 | 6 |
| 27 | 53 0 | 51 55 | 50 50 | 49 45 | 48 35 | 47 30 | 46 25 | 45 15 | 44 10 | 43 0 | 41 55 | 40 40 | 39 35 | 3 |
| ♍ 0 | 53 55 | 52 50 | 51 50 | 50 45 | 49 40 | 48 35 | 47 25 | 46 20 | 45 15 | 44 5 | 43 0 | 41 50 | 40 40 | 0 ♏ |
| 3 | 54 45 | 53 45 | 52 40 | 51 35 | 50 30 | 49 30 | 48 20 | 47 20 | 46 15 | 45 5 | 44 0 | 42 55 | 41 45 | 27 |
| 6 | 55 35 | 54 30 | 53 30 | 52 25 | 51 25 | 50 20 | 49 10 | 48 10 | 47 5 | 46 0 | 45 55 | 43 55 | 42 45 | 24 |
| 9 | 56 15 | 55 15 | 54 10 | 53 10 | 52 5 | 51 5 | 50 0 | 49 0 | 47 55 | 46 50 | 45 50 | 44 45 | 43 40 | 21 |
| 12 | 56 50 | 55 50 | 54 50 | 53 45 | 52 45 | 51 40 | 51 40 | 49 40 | 48 35 | 47 35 | 46 35 | 45 25 | 44 30 | 18 |
| 15 | 57 20 | 56 20 | 55 20 | 54 15 | 53 15 | 52 15 | 51 15 | 50 15 | 49 10 | 48 10 | 47 10 | 46 5 | 45 5 | 15 |
| 18 | 57 45 | 56 45 | 55 45 | 54 45 | 53 45 | 52 45 | 51 45 | 50 40 | 49 40 | 48 40 | 47 40 | 46 35 | 45 35 | 12 |
| 21 | 58 5 | 57 5 | 56 5 | 55 5 | 54 5 | 53 5 | 52 5 | 51 0 | 50 0 | 49 0 | 48 0 | 47 0 | 46 0 | 9 |
| 24 | 58 20 | 57 20 | 56 20 | 55 20 | 54 20 | 53 20 | 52 15 | 51 15 | 50 15 | 49 15 | 48 15 | 47 15 | 46 15 | 6 |
| 27 | 58 28 | 57 28 | 56 28 | 55 28 | 54 28 | 53 25 | 52 25 | 51 25 | 50 25 | 49 25 | 48 25 | 47 25 | 46 25 | 3 |
| 30 | 58 28 | 57 30 | 56 30 | 55 30 | 54 30 | 53 30 | 52 30 | 51 30 | 50 30 | 49 30 | 48 30 | 47 30 | 46 30 | 0 ♑ |



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## TAB. 34. Prosthaphæresis Declinationis.

Declinationi Signor. Bor. *Adde*; Australium *Subtrahe*.

Latitudo Borealis.

| G. | 1 | | 3 | | 5 | | 7 | | 9 | | G. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Gr. | ′ | Gr. | ′ | Gr. | ′ | Gr. | ′ | Gr. | ′ | |
| ♈♎ | 0 | 55 | 2 | 45 | 4 | 35 | 6 | 25 | 8 | 14 | 30 |
| 3 | 0 | 55 | 2 | 45 | 4 | 35 | 6 | 25 | 8 | 15 | 27 |
| 6 | 0 | 55 | 2 | 45 | 4 | 35 | 6 | 25 | 8 | 15 | 24 |
| 9 | 0 | 55 | 2 | 45 | 4 | 35 | 6 | 26 | 8 | 15 | 21 |
| 12 | 0 | 55 | 2 | 45 | 4 | 36 | 6 | 26 | 8 | 16 | 18 |
| 15 | 0 | 55 | 2 | 46 | 4 | 36 | 6 | 27 | 8 | 17 | 15 |
| 18 | 0 | 55 | 2 | 46 | 4 | 37 | 6 | 28 | 8 | 18 | 12 |
| 21 | 0 | 56 | 2 | 46 | 4 | 38 | 6 | 29 | 8 | 19 | 9 |
| 24 | 0 | 56 | 2 | 47 | 4 | 39 | 6 | 30 | 8 | 20 | 6 |
| 27 | 0 | 56 | 2 | 47 | 4 | 40 | 6 | 31 | 8 | 22 | 3 |
| ♉♏ | 0 | 56 | 2 | 48 | 4 | 41 | 6 | 32 | 8 | 24 | ♐♑ |
| 3 | 0 | 56 | 2 | 49 | 4 | 42 | 6 | 34 | 8 | 26 | 27 |
| 6 | 0 | 56 | 2 | 50 | 4 | 43 | 6 | 36 | 8 | 28 | 24 |
| 9 | 0 | 57 | 2 | 51 | 4 | 44 | 6 | 37 | 8 | 30 | 21 |
| 12 | 0 | 57 | 2 | 51 | 4 | 45 | 6 | 39 | 8 | 33 | 18 |
| 15 | 0 | 57 | 2 | 52 | 4 | 46 | 6 | 40 | 8 | 34 | 15 |
| 18 | 0 | 57 | 2 | 53 | 4 | 47 | 6 | 42 | 8 | 37 | 12 |
| 21 | 0 | 57 | 2 | 54 | 4 | 48 | 6 | 44 | 8 | 40 | 9 |
| 24 | 0 | 58 | 2 | 54 | 4 | 50 | 6 | 47 | 8 | 43 | 6 |
| 27 | 0 | 58 | 2 | 55 | 4 | 51 | 6 | 48 | 8 | 44 | 3 |
| ♊♐ | 0 | 58 | 2 | 56 | 4 | 53 | 6 | 49 | 8 | 46 | ♌♒ |
| 3 | 0 | 58 | 2 | 57 | 4 | 54 | 6 | 50 | 8 | 49 | 27 |
| 6 | 0 | 58 | 2 | 57 | 4 | 55 | 6 | 52 | 8 | 51 | 24 |
| 9 | 0 | 59 | 2 | 58 | 4 | 56 | 6 | 54 | 8 | 53 | 21 |
| 12 | 0 | 59 | 2 | 58 | 4 | 57 | 6 | 56 | 8 | 56 | 18 |
| 15 | 0 | 59 | 2 | 59 | 4 | 58 | 6 | 57 | 8 | 57 | 15 |
| 18 | 0 | 59 | 2 | 59 | 4 | 59 | 6 | 58 | 8 | 58 | 12 |
| 21 | 0 | 0 | 3 | 0 | 5 | 0 | 6 | 59 | 8 | 59 | 9 |
| 24 | 1 | 0 | 3 | 0 | 5 | 0 | 6 | 59 | 8 | 59 | 6 |
| 27 | 1 | 0 | 3 | 0 | 5 | 0 | 7 | 0 | 9 | 0 | 3 |
| 30 | 1 | 0 | 3 | 0 | 5 | 0 | 7 | 0 | 9 | 0 | ♋♑ |

Declinat. Signor. Boreal. *Subtrahe*; Australium *Adde*.

Latitudo Australis.

| G. | 1 | | 3 | | 5 | | 7 | | 9 | | G. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Gr. | ′ | Gr. | ′ | Gr. | ′ | Gr. | ′ | Gr. | ′ | |
| ♈♎ | 0 | 55 | 2 | 45 | 4 | 35 | 6 | 25 | 8 | 14 | 30 |
| 3 | 0 | 55 | 2 | 45 | 4 | 35 | 6 | 25 | 8 | 14 | 27 |
| 6 | 0 | 55 | 2 | 45 | 4 | 35 | 6 | 25 | 8 | 15 | 24 |
| 9 | 0 | 55 | 2 | 45 | 4 | 35 | 6 | 26 | 8 | 15 | 21 |
| 12 | 0 | 55 | 2 | 45 | 4 | 36 | 6 | 26 | 8 | 16 | 18 |
| 15 | 0 | 55 | 2 | 46 | 4 | 36 | 6 | 27 | 8 | 17 | 15 |
| 18 | 0 | 55 | 2 | 46 | 4 | 37 | 6 | 28 | 8 | 18 | 12 |
| 21 | 0 | 56 | 2 | 46 | 4 | 38 | 6 | 29 | 8 | 19 | 9 |
| 24 | 0 | 56 | 2 | 47 | 4 | 39 | 6 | 30 | 8 | 20 | 6 |
| 27 | 0 | 56 | 2 | 47 | 4 | 40 | 6 | 31 | 8 | 22 | 3 |
| ♉♏ | 0 | 56 | 2 | 48 | 4 | 41 | 6 | 32 | 8 | 24 | ♐♑ |
| 3 | 0 | 56 | 2 | 49 | 4 | 42 | 6 | 34 | 8 | 26 | 27 |
| 6 | 0 | 56 | 2 | 50 | 4 | 43 | 6 | 36 | 8 | 28 | 24 |
| 9 | 0 | 57 | 2 | 51 | 4 | 44 | 6 | 37 | 8 | 30 | 21 |
| 12 | 0 | 57 | 2 | 51 | 4 | 45 | 6 | 39 | 8 | 33 | 18 |
| 15 | 0 | 57 | 2 | 52 | 4 | 46 | 6 | 40 | 8 | 34 | 15 |
| 18 | 0 | 57 | 2 | 53 | 4 | 47 | 6 | 42 | 8 | 37 | 12 |
| 21 | 0 | 57 | 2 | 54 | 4 | 48 | 6 | 44 | 8 | 40 | 9 |
| 24 | 0 | 58 | 2 | 54 | 4 | 50 | 6 | 47 | 8 | 43 | 6 |
| 27 | 0 | 58 | 2 | 55 | 4 | 51 | 6 | 48 | 8 | 44 | 3 |
| ♊♐ | 0 | 58 | 2 | 56 | 4 | 53 | 6 | 49 | 8 | 46 | ♌♒ |
| 3 | 0 | 58 | 2 | 57 | 4 | 54 | 6 | 50 | 8 | 49 | 27 |
| 6 | 0 | 58 | 2 | 58 | 4 | 55 | 6 | 52 | 8 | 51 | 24 |
| 9 | 0 | 59 | 2 | 58 | 4 | 56 | 6 | 54 | 8 | 53 | 21 |
| 12 | 0 | 59 | 2 | 59 | 4 | 57 | 6 | 56 | 8 | 56 | 18 |
| 15 | 0 | 59 | 2 | 59 | 4 | 58 | 6 | 57 | 8 | 57 | 15 |
| 18 | 0 | 59 | 2 | 59 | 4 | 59 | 6 | 58 | 8 | 58 | 12 |
| 21 | 1 | 0 | 3 | 0 | 5 | 0 | 6 | 59 | 8 | 59 | 9 |
| 24 | 1 | 0 | 3 | 0 | 5 | 0 | 6 | 59 | 8 | 59 | 6 |
| 27 | 1 | 0 | 3 | 0 | 5 | 0 | 7 | 0 | 9 | 0 | 3 |
| 30 | 1 | 0 | 3 | 0 | 5 | 0 | 7 | 0 | 9 | 0 | ♋♑ |

## TAB. 35. Prosthaphæresis Ascensionis Rectæ.

Asc. Rectæ Signor. Boreal. *Subtrahe*; Australium *Adde*.

Latitudo Borealis pro Signis Boreis.

| G. | 1 | | 3 | | 5 | | 7 | | 9 | | G. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Gr. | ′ | Gr. | ′ | Gr. | ′ | Gr. | ′ | Gr. | ′ | |
| ♈♎ | 0 | 23 | 1 | 11 | 1 | 59 | 2 | 47 | 3 | 37 | 30 |
| 3 | 0 | 23 | 1 | 11 | 1 | 59 | 2 | 47 | 3 | 37 | 27 |
| 6 | 0 | 23 | 1 | 11 | 1 | 59 | 2 | 47 | 3 | 36 | 24 |
| 9 | 0 | 23 | 1 | 11 | 1 | 58 | 2 | 48 | 3 | 36 | 21 |
| 12 | 0 | 23 | 1 | 10 | 1 | 58 | 2 | 48 | 3 | 35 | 18 |
| 15 | 0 | 23 | 1 | 10 | 1 | 57 | 2 | 46 | 3 | 34 | 15 |
| 18 | 0 | 23 | 1 | 9 | 1 | 55 | 2 | 44 | 3 | 32 | 12 |
| 21 | 0 | 23 | 1 | 9 | 1 | 53 | 2 | 42 | 3 | 30 | 9 |
| 24 | 0 | 22 | 1 | 8 | 1 | 51 | 2 | 40 | 3 | 28 | 6 |
| 27 | 0 | 22 | 1 | 6 | 1 | 50 | 2 | 37 | 3 | 25 | 3 |
| ♉♏ | 0 | 21 | 1 | 5 | 1 | 49 | 2 | 35 | 3 | 22 | ♐♑ |
| 3 | 0 | 21 | 1 | 3 | 1 | 47 | 2 | 31 | 3 | 18 | 27 |
| 6 | 0 | 20 | 1 | 2 | 1 | 44 | 2 | 28 | 3 | 13 | 24 |
| 9 | 0 | 20 | 1 | 1 | 1 | 42 | 2 | 24 | 3 | 9 | 21 |
| 12 | 0 | 19 | 0 | 58 | 1 | 38 | 2 | 19 | 3 | 3 | 18 |
| 15 | 0 | 18 | 0 | 55 | 1 | 33 | 2 | 13 | 2 | 55 | 15 |
| 18 | 0 | 17 | 0 | 53 | 1 | 30 | 2 | 8 | 2 | 48 | 12 |
| 21 | 0 | 17 | 0 | 51 | 1 | 26 | 2 | 2 | 2 | 39 | 9 |
| 24 | 0 | 16 | 0 | 48 | 1 | 21 | 1 | 55 | 2 | 29 | 6 |
| 27 | 0 | 15 | 0 | 45 | 1 | 16 | 1 | 48 | 2 | 20 | 3 |
| ♊♐ | 0 | 14 | 0 | 41 | 1 | 10 | 1 | 40 | 2 | 10 | ♌♒ |
| 3 | 0 | 13 | 0 | 39 | 1 | 5 | 1 | 31 | 1 | 59 | 27 |
| 6 | 0 | 11 | 0 | 34 | 0 | 58 | 1 | 22 | 1 | 48 | 24 |
| 9 | 0 | 10 | 0 | 30 | 0 | 52 | 1 | 14 | 1 | 36 | 21 |
| 12 | 0 | 8 | 0 | 26 | 0 | 44 | 1 | 3 | 1 | 24 | 18 |
| 15 | 0 | 7 | 0 | 22 | 0 | 38 | 0 | 54 | 1 | 11 | 15 |
| 18 | 0 | 6 | 0 | 18 | 0 | 30 | 0 | 43 | 0 | 58 | 12 |
| 21 | 0 | 3 | 0 | 13 | 0 | 23 | 0 | 33 | 0 | 44 | 9 |
| 24 | 0 | 4 | 0 | 9 | 0 | 15 | 0 | 22 | 0 | 31 | 6 |
| 27 | 0 | 1 | 0 | 4 | 0 | 7 | 0 | 11 | 0 | 16 | 3 |
| 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | ♋♑ |

Latitudo Australis pro Signis Australib.

Asc. Rectæ Signor. Boreal. *Adde*; Australium *Subtrahe*.

Latitudo Australis pro Signis Boreis.

| G. | 1 | | 3 | | 5 | | 7 | | 9 | | G. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Gr. | ′ | Gr. | ′ | Gr. | ′ | Gr. | ′ | Gr. | ′ | |
| ♈♎ | 0 | 24 | 1 | 12 | 1 | 59 | 2 | 47 | 3 | 36 | 30 |
| 3 | 0 | 23 | 1 | 11 | 1 | 59 | 2 | 47 | 3 | 35 | 27 |
| 6 | 0 | 23 | 1 | 11 | 1 | 59 | 2 | 47 | 3 | 34 | 24 |
| 9 | 0 | 23 | 1 | 11 | 1 | 58 | 2 | 46 | 3 | 32 | 21 |
| 12 | 0 | 23 | 1 | 11 | 1 | 58 | 2 | 45 | 3 | 30 | 18 |
| 15 | 0 | 23 | 1 | 10 | 1 | 57 | 2 | 43 | 3 | 28 | 15 |
| 18 | 0 | 23 | 1 | 9 | 1 | 55 | 2 | 41 | 3 | 26 | 12 |
| 21 | 0 | 22 | 1 | 9 | 1 | 53 | 2 | 39 | 3 | 23 | 9 |
| 24 | 0 | 22 | 1 | 8 | 1 | 52 | 2 | 36 | 3 | 20 | 6 |
| 27 | 0 | 22 | 1 | 6 | 1 | 50 | 2 | 33 | 3 | 15 | 3 |
| ♉♏ | 0 | 22 | 1 | 4 | 1 | 47 | 2 | 28 | 3 | 10 | ♐♑ |
| 3 | 0 | 21 | 1 | 3 | 1 | 44 | 2 | 25 | 3 | 5 | 27 |
| 6 | 0 | 20 | 1 | 2 | 1 | 42 | 2 | 21 | 2 | 59 | 24 |
| 9 | 0 | 19 | 0 | 59 | 1 | 38 | 2 | 15 | 2 | 54 | 21 |
| 12 | 0 | 19 | 0 | 57 | 1 | 34 | 2 | 10 | 2 | 45 | 18 |
| 15 | 0 | 19 | 0 | 55 | 1 | 31 | 2 | 6 | 2 | 39 | 15 |
| 18 | 0 | 18 | 0 | 52 | 1 | 27 | 1 | 0 | 2 | 31 | 12 |
| 21 | 0 | 17 | 0 | 49 | 1 | 21 | 1 | 54 | 2 | 22 | 9 |
| 24 | 0 | 16 | 0 | 47 | 1 | 17 | 1 | 47 | 2 | 13 | 6 |
| 27 | 0 | 15 | 0 | 44 | 1 | 12 | 1 | 39 | 2 | 4 | 3 |
| ♊♐ | 0 | 14 | 0 | 41 | 1 | 7 | 1 | 32 | 1 | 55 | ♌♒ |
| 3 | 0 | 12 | 0 | 37 | 0 | 58 | 1 | 25 | 1 | 45 | 27 |
| 6 | 0 | 11 | 0 | 33 | 0 | 49 | 1 | 16 | 1 | 34 | 24 |
| 9 | 0 | 10 | 0 | 30 | 0 | 42 | 1 | 8 | 1 | 23 | 21 |
| 12 | 0 | 9 | 0 | 26 | 0 | 35 | 0 | 58 | 1 | 12 | 18 |
| 15 | 0 | 7 | 0 | 21 | 0 | 31 | 0 | 49 | 1 | 0 | 15 |
| 18 | 0 | 6 | 0 | 17 | 0 | 22 | 0 | 40 | 0 | 49 | 12 |
| 21 | 0 | 5 | 0 | 13 | 0 | 15 | 0 | 30 | 0 | 37 | 9 |
| 24 | 0 | 3 | 0 | 9 | 0 | 9 | 0 | 20 | 0 | 24 | 6 |
| 27 | 0 | 1 | 0 | 4 | 0 | 4 | 0 | 10 | 0 | 13 | 3 |
| 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | ♋♑ |

Latitudo Borea pro Signis Australib.

Tertia

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# Tertia Pars Tabularum quæ est de Solis, ac Lunæ motibus.

*TABVLA 36. Solis Motus Aequalis, seu Medius.*

| | Anni ante Christum. | Epochæ, seu Radices. Longit. ☉ ab ♈ Sig. | Gr. | I | II | Longit. Apogei ☉ ab ♈ Sig. | Gr. | I | II |
|---|---|---|---|---|---|---|---|---|---|
| | 6000 | 7 | 21 | 40 | 14 | 10 | 26 | 35 | 53 |
| | 5000 | 7 | 29 | 20 | 12 | 11 | 13 | 50 | 31 |
| | 4000 | 8 | 7 | 0 | 10 | 0 | 1 | 5 | 10 |
| | 3000 | 8 | 14 | 40 | 8 | 0 | 18 | 19 | 48 |
| | 2000 | 8 | 22 | 20 | 6 | 1 | 5 | 34 | 28 |
| | 1000 | 9 | 0 | 0 | 3 | 1 | 22 | 49 | 5 |
| | 900 | 9 | 0 | 46 | 3 | 1 | 24 | 32 | 33 |
| | 800 | 9 | 1 | 32 | 3 | 1 | 26 | 16 | 1 |
| | 700 | 9 | 2 | 18 | 2 | 1 | 27 | 59 | 27 |
| | 600 | 9 | 3 | 4 | 2 | 1 | 29 | 42 | 56 |
| | 500 | 9 | 3 | 50 | 2 | 2 | 1 | 26 | 24 |
| | 400 | 9 | 4 | 36 | 2 | 2 | 3 | 9 | 52 |
| | 300 | 9 | 5 | 22 | 1 | 2 | 4 | 53 | 20 |
| | 200 | 9 | 6 | 8 | 1 | 2 | 6 | 36 | 48 |
| | 100 | 9 | 6 | 54 | 1 | 2 | 8 | 20 | 15 |
| | Christi | 9 | 7 | 40 | 1 | 2 | 10 | 3 | 43 |
| Stylo veteri Iuliano. | 100 | 9 | 8 | 26 | 1 | 2 | 11 | 47 | 11 |
| | 200 | 9 | 9 | 12 | 1 | 2 | 13 | 30 | 39 |
| | 300 | 9 | 9 | 58 | 1 | 2 | 15 | 14 | 6 |
| | 400 | 9 | 10 | 44 | 0 | 2 | 16 | 57 | 34 |
| | 500 | 9 | 11 | 30 | 0 | 2 | 18 | 41 | 2 |
| | 600 | 9 | 12 | 16 | 0 | 2 | 20 | 24 | 30 |
| | 700 | 9 | 13 | 2 | 0 | 2 | 22 | 7 | 58 |
| | 800 | 9 | 13 | 48 | 0 | 2 | 23 | 51 | 26 |
| | 900 | 9 | 14 | 34 | 0 | 2 | 25 | 34 | 54 |
| | 1000 | 9 | 15 | 19 | 59 | 2 | 27 | 18 | 21 |
| | 1100 | 9 | 16 | 5 | 59 | 2 | 29 | 1 | 49 |
| | 1200 | 9 | 16 | 51 | 59 | 3 | 0 | 45 | 18 |
| | 1300 | 9 | 17 | 37 | 59 | 3 | 2 | 28 | 44 |
| | 1400 | 9 | 18 | 23 | 58 | 3 | 4 | 12 | 12 |
| | 1500 | 9 | 19 | 9 | 58 | 3 | 5 | 55 | 40 |
| | 1600 | 9 | 19 | 55 | 58 | 3 | 7 | 39 | 8 |
| | 1700 | 9 | 20 | 41 | 58 | 3 | 9 | 22 | 35 |
| | 1800 | 9 | 21 | 27 | 58 | 3 | 11 | 6 | 2 |
| | 1900 | 9 | 22 | 13 | 58 | 3 | 12 | 49 | 29 |
| | 2000 | 9 | 22 | 59 | 57 | 3 | 14 | 32 | 56 |
| | 1581 | 9 | 19 | 32 | 27 | 3 | 7 | 19 | 29 |
| | 1582 | 9 | 9 | 26 | 45 | 3 | 7 | 20 | 31 |
| | 1584 | 9 | 9 | 57 | 14 | 3 | 7 | 22 | 35 |
| | B. 1600 | 9 | 10 | 4 | 35 | 3 | 7 | 39 | 8 |
| Stylo nouo Gregoriano. | 1700 | 9 | 9 | 51 | 27 | 3 | 9 | 22 | 36 |
| | 1800 | 9 | 9 | 38 | 19 | 3 | 11 | 6 | 4 |
| | 1900 | 9 | 9 | 25 | 11 | 3 | 12 | 49 | 31 |
| | B. 2000 | 9 | 10 | 11 | 10 | 3 | 14 | 32 | 59 |
| | 2100 | 9 | 9 | 58 | 2 | 3 | 16 | 16 | 27 |
| | 2200 | 9 | 9 | 44 | 54 | 3 | 18 | 0 | 55 |
| | 2300 | 9 | 9 | 31 | 46 | 3 | 19 | 44 | 23 |
| | B. 2400 | 9 | 10 | 17 | 45 | 3 | 21 | 27 | 51 |
| | 2500 | 9 | 10 | 4 | 37 | 3 | 23 | 11 | 18 |
| | 2600 | 9 | 9 | 51 | 29 | 3 | 24 | 54 | 46 |
| | 2700 | 9 | 9 | 38 | 21 | 3 | 26 | 38 | 14 |
| | B. 2800 | 9 | 10 | 24 | 20 | 3 | 28 | 21 | 42 |
| | 2900 | 9 | 10 | 11 | 12 | 4 | 0 | 5 | 10 |
| | 3000 | 9 | 9 | 58 | 4 | 4 | 1 | 48 | 38 |
| | 3100 | 9 | 9 | 44 | 56 | 4 | 3 | 32 | 6 |
| | B. 3200 | 9 | 10 | 30 | 55 | 4 | 5 | 15 | 34 |
| | 3300 | 9 | 10 | 17 | 47 | 4 | 6 | 59 | 2 |

| Anni Iuliani Expansi. | Expansi, & Collecti- Longit. ☉ ab ♈ Sig. | Gr. | I | II | Longit. Apogei ☉ ab ♈ Sig. | Gr. | I | II |
|---|---|---|---|---|---|---|---|---|
| 1 | 11 | 29 | 45 | 41 | 0 | 0 | 1 | 2 |
| 2 | 11 | 29 | 31 | 21 | 0 | 0 | 2 | 4 |
| 3 | 11 | 29 | 17 | 2 | 0 | 0 | 3 | 6 |
| B. 4 | 0 | 0 | 1 | 50 | 0 | 0 | 4 | 8 |
| 5 | 11 | 29 | 47 | 31 | 0 | 0 | 5 | 10 |
| 6 | 11 | 29 | 33 | 11 | 0 | 0 | 6 | 12 |
| 7 | 11 | 29 | 18 | 52 | 0 | 0 | 7 | 15 |
| B. 8 | 0 | 0 | 3 | 41 | 0 | 0 | 8 | 17 |
| 9 | 11 | 29 | 49 | 21 | 0 | 0 | 9 | 19 |
| 10 | 11 | 29 | 35 | 2 | 0 | 0 | 10 | 21 |
| 11 | 11 | 29 | 20 | 42 | 0 | 0 | 11 | 23 |
| B. 12 | 0 | 0 | 5 | 31 | 0 | 0 | 12 | 25 |
| 13 | 11 | 29 | 51 | 12 | 0 | 0 | 13 | 27 |
| 14 | 11 | 29 | 36 | 52 | 0 | 0 | 14 | 29 |
| 15 | 11 | 29 | 22 | 33 | 0 | 0 | 15 | 31 |
| B. 16 | 0 | 0 | 7 | 22 | 0 | 0 | 16 | 33 |
| 17 | 11 | 29 | 53 | 2 | 0 | 0 | 17 | 35 |
| 18 | 11 | 29 | 38 | 43 | 0 | 0 | 18 | 37 |
| 19 | 11 | 29 | 29 | 23 | 0 | 0 | 19 | 39 |
| B. 20 | 0 | 0 | 9 | 12 | 0 | 0 | 20 | 42 |
| 21 | 11 | 29 | 54 | 53 | 0 | 0 | 21 | 42 |
| 22 | 11 | 29 | 40 | 34 | 0 | 0 | 22 | 46 |
| 23 | 11 | 29 | 26 | 15 | 0 | 0 | 23 | 48 |
| B. 24 | 0 | 0 | 11 | 2 | 0 | 0 | 24 | 50 |
| 25 | 11 | 29 | 56 | 43 | 0 | 0 | 25 | 52 |
| 26 | 11 | 29 | 42 | 24 | 0 | 0 | 26 | 54 |
| 27 | 11 | 29 | 28 | 5 | 0 | 0 | 27 | 56 |
| B. 28 | 0 | 0 | 12 | 53 | 0 | 0 | 28 | 58 |
| 29 | 11 | 29 | 58 | 34 | 0 | 0 | 30 | 0 |
| 30 | 11 | 29 | 44 | 15 | 0 | 0 | 31 | 2 |
| 31 | 11 | 29 | 29 | 56 | 0 | 0 | 32 | 4 |
| B. 32 | 0 | 0 | 14 | 43 | 0 | 0 | 33 | 7 |
| 33 | 0 | 0 | 0 | 24 | 0 | 0 | 34 | 9 |
| 34 | 11 | 29 | 46 | 5 | 0 | 0 | 35 | 11 |
| 35 | 11 | 29 | 31 | 46 | 0 | 0 | 36 | 13 |
| B. 36 | 0 | 0 | 16 | 33 | 0 | 0 | 37 | 15 |
| 37 | 0 | 0 | 2 | 14 | 0 | 0 | 38 | 17 |
| 38 | 11 | 29 | 47 | 55 | 0 | 0 | 39 | 19 |
| 39 | 11 | 29 | 33 | 36 | 0 | 0 | 40 | 21 |
| B. 40 | 0 | 0 | 18 | 24 | 0 | 0 | 41 | 23 |
| 41 | 0 | 0 | 4 | 5 | 0 | 0 | 42 | 25 |
| 42 | 11 | 29 | 49 | 46 | 0 | 0 | 43 | 27 |
| 43 | 11 | 29 | 35 | 27 | 0 | 0 | 44 | 29 |
| B. 44 | 0 | 0 | 20 | 14 | 0 | 0 | 45 | 31 |
| 45 | 0 | 0 | 5 | 55 | 0 | 0 | 46 | 33 |
| 46 | 11 | 29 | 51 | 36 | 0 | 0 | 47 | 35 |
| 47 | 11 | 29 | 37 | 17 | 0 | 0 | 48 | 37 |
| B. 48 | 0 | 0 | 22 | 4 | 0 | 0 | 49 | 39 |
| 49 | 0 | 0 | 7 | 45 | 0 | 0 | 50 | 41 |
| 50 | 11 | 29 | 53 | 26 | 0 | 0 | 51 | 43 |
| 51 | 11 | 29 | 39 | 7 | 0 | 0 | 52 | 45 |
| B. 52 | 0 | 0 | 23 | 55 | 0 | 0 | 53 | 48 |
| 53 | 0 | 0 | 9 | 36 | 0 | 0 | 54 | 50 |
| 54 | 11 | 29 | 55 | 17 | 0 | 0 | 55 | 52 |
| 55 | 11 | 29 | 40 | 58 | 0 | 0 | 56 | 54 |
| B. 56 | 0 | 0 | 25 | 45 | 0 | 0 | 57 | 56 |

SO-

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# SOLIS MOTVS ÆQVALIS.

| Anni Iuliani Expansi. | Expansi, & Collecti. Longit. ☉ ab ♈ Sig. | Gr. | I | II | Lōg. Apog. ☉ ab ♈ Sig. | Gr. | I | II |
|---|---|---|---|---|---|---|---|---|
| 57 | 0 | 0 | 11 | 26 | 0 | 0 | 58 | 58 |
| 58 | 11 | 29 | 57 | 7 | 0 | 1 | 0 | 0 |
| 59 | 11 | 29 | 42 | 48 | 0 | 1 | 1 | 2 |
| B. 60 | 0 | 0 | 27 | 36 | 0 | 1 | 2 | 5 |
| 61 | 0 | 0 | 13 | 17 | 0 | 1 | 3 | 7 |
| 62 | 11 | 29 | 58 | 58 | 0 | 1 | 4 | 9 |
| 63 | 11 | 29 | 44 | 39 | 0 | 1 | 5 | 11 |
| B. 64 | 0 | 0 | 29 | 26 | 0 | 1 | 6 | 13 |
| 65 | 0 | 0 | 15 | 7 | 0 | 1 | 7 | 15 |
| 66 | 0 | 0 | 0 | 48 | 0 | 1 | 8 | 17 |
| 67 | 11 | 29 | 46 | 29 | 0 | 1 | 9 | 19 |
| B. 68 | 0 | 0 | 31 | 16 | 0 | 1 | 10 | 21 |
| 69 | 0 | 0 | 16 | 57 | 0 | 1 | 11 | 23 |
| 70 | 0 | 0 | 2 | 38 | 0 | 1 | 12 | 25 |
| 71 | 11 | 29 | 48 | 19 | 0 | 1 | 13 | 27 |
| B. 72 | 0 | 0 | 33 | 7 | 0 | 1 | 14 | 30 |
| 73 | 0 | 0 | 18 | 48 | 0 | 1 | 15 | 32 |
| 74 | 0 | 0 | 4 | 29 | 0 | 1 | 16 | 34 |
| 75 | 11 | 29 | 50 | 10 | 0 | 1 | 17 | 36 |
| B. 76 | 0 | 0 | 34 | 57 | 0 | 1 | 18 | 38 |
| 77 | 0 | 0 | 20 | 38 | 0 | 1 | 19 | 40 |
| 78 | 0 | 0 | 6 | 19 | 0 | 1 | 20 | 42 |
| 79 | 11 | 29 | 52 | 0 | 0 | 1 | 21 | 44 |
| B. 80 | 0 | 0 | 36 | 48 | 0 | 1 | 22 | 46 |
| 81 | 0 | 0 | 21 | 29 | 0 | 1 | 23 | 48 |
| 82 | 0 | 0 | 7 | 10 | 0 | 1 | 24 | 50 |
| 83 | 11 | 29 | 52 | 51 | 0 | 1 | 25 | 52 |
| B. 84 | 0 | 0 | 38 | 38 | 0 | 1 | 26 | 54 |
| 85 | 0 | 0 | 24 | 19 | 0 | 1 | 27 | 56 |
| 86 | 0 | 0 | 10 | 0 | 0 | 1 | 28 | 58 |
| 87 | 11 | 29 | 55 | 41 | 0 | 1 | 30 | 0 |
| B. 88 | 0 | 0 | 40 | 2 | 0 | 1 | 31 | 3 |
| 89 | 0 | 0 | 26 | 10 | 0 | 1 | 32 | 5 |
| 90 | 0 | 0 | 11 | 51 | 0 | 1 | 33 | 7 |
| 91 | 11 | 29 | 57 | 32 | 0 | 1 | 34 | 9 |
| B. 92 | 0 | 0 | 42 | 19 | 0 | 1 | 35 | 11 |
| 93 | 0 | 0 | 28 | 0 | 0 | 1 | 36 | 13 |
| 94 | 0 | 0 | 13 | 41 | 0 | 1 | 37 | 15 |
| 95 | 11 | 29 | 59 | 22 | 0 | 1 | 38 | 17 |
| B. 96 | 0 | 0 | 44 | 10 | 0 | 1 | 39 | 19 |
| 97 | 0 | 0 | 29 | 51 | 0 | 1 | 40 | 21 |
| 98 | 0 | 0 | 15 | 32 | 0 | 1 | 41 | 23 |
| 99 | 0 | 0 | 1 | 13 | 0 | 1 | 42 | 25 |
| Anni Collecti. B. 100 | 0 | 0 | 46 | 0 | 0 | 1 | 43 | 28 |
| B. 200 | 0 | 1 | 32 | 0 | 0 | 3 | 26 | 56 |
| B. 300 | 0 | 2 | 17 | 59 | 0 | 5 | 10 | 23 |
| B. 400 | 0 | 3 | 3 | 59 | 0 | 6 | 53 | 51 |
| B. 500 | 0 | 3 | 49 | 59 | 0 | 8 | 37 | 19 |
| B. 600 | 0 | 4 | 35 | 59 | 0 | 10 | 20 | 46 |
| B. 700 | 0 | 5 | 21 | 59 | 0 | 12 | 4 | 14 |
| B. 800 | 0 | 6 | 7 | 58 | 0 | 13 | 47 | 42 |
| B. 900 | 0 | 6 | 53 | 58 | 0 | 15 | 31 | 10 |
| B. 1000 | 0 | 7 | 39 | 58 | 0 | 17 | 14 | 38 |
| B. 2000 | 0 | 15 | 19 | 56 | 1 | 4 | 29 | 16 |
| B. 3000 | 0 | 22 | 59 | 53 | 1 | 21 | 43 | 54 |
| B. 4000 | 1 | 0 | 39 | 51 | 2 | 8 | 58 | 32 |

Menses Communes Bissextiles.

| Menses Completi. | Lōg. ☉ ab init. ♈ Sig. | Gr. | I | II | Lōg. ☉ ab init. ♈ Sig. | Gr. | I | II |
|---|---|---|---|---|---|---|---|---|
| Ianuarius | 1 | 0 | 33 | 18 | 1 | 0 | 33 | 18 |
| Februar. | 1 | 28 | 9 | 11 | 1 | 29 | 8 | 20 |
| Martius | 2 | 28 | 42 | 30 | 2 | 29 | 41 | 38 |
| Aprilis | 3 | 28 | 16 | 40 | 3 | 29 | 15 | 48 |
| Maius | 4 | 28 | 49 | 58 | 4 | 29 | 49 | 6 |
| Iunius | 5 | 28 | 24 | 8 | 5 | 29 | 23 | 16 |
| Iulius | 6 | 28 | 57 | 26 | 6 | 29 | 56 | 34 |
| Augustus | 7 | 29 | 30 | 44 | 8 | 0 | 29 | 52 |
| Septemb. | 8 | 29 | 4 | 54 | 9 | 0 | 4 | 2 |
| Octob. | 9 | 29 | 38 | 12 | 10 | 0 | 37 | 21 |
| Nouemb. | 10 | 29 | 12 | 22 | 11 | 0 | 11 | 31 |
| Decemb. | 11 | 29 | 45 | 41 | 0 | 0 | 44 | 49 |

Pro Apog. singul. mensib. sume quina secunda scrupula.

## DIES.

| Dies cōpl. | Motus medius ☉ Sig. | Gr. | I | II | III |
|---|---|---|---|---|---|
| 1 | 0 | 0 | 59 | 8 | 20 |
| 2 | 0 | 1 | 58 | 16 | 40 |
| 3 | 0 | 2 | 57 | 24 | 59 |
| 4 | 0 | 3 | 56 | 33 | 19 |
| 5 | 0 | 4 | 55 | 41 | 39 |
| 6 | 0 | 5 | 54 | 49 | 59 |
| 7 | 0 | 6 | 53 | 58 | 19 |
| 8 | 0 | 7 | 53 | 6 | 38 |
| 9 | 0 | 8 | 52 | 14 | 58 |
| 10 | 0 | 9 | 51 | 23 | 18 |
| 11 | 0 | 10 | 50 | 31 | 38 |
| 12 | 0 | 11 | 49 | 39 | 57 |
| 13 | 0 | 12 | 48 | 48 | 17 |
| 14 | 0 | 13 | 47 | 56 | 37 |
| 15 | 0 | 14 | 47 | 4 | 57 |
| 16 | 0 | 15 | 46 | 13 | 17 |
| 17 | 0 | 16 | 45 | 21 | 36 |
| 18 | 0 | 17 | 44 | 29 | 56 |
| 19 | 0 | 18 | 43 | 38 | 16 |
| 20 | 0 | 19 | 42 | 46 | 36 |
| 21 | 0 | 20 | 41 | 54 | 56 |
| 22 | 0 | 21 | 41 | 3 | 15 |
| 23 | 0 | 22 | 40 | 11 | 35 |
| 24 | 0 | 23 | 39 | 19 | 55 |
| 25 | 0 | 24 | 38 | 28 | 15 |
| 26 | 0 | 25 | 37 | 36 | 35 |
| 27 | 0 | 26 | 36 | 44 | 54 |
| 28 | 0 | 27 | 35 | 53 | 14 |
| 29 | 0 | 28 | 35 | 1 | 34 |
| 30 | 0 | 29 | 34 | 9 | 54 |
| 31 | 1 | 0 | 33 | 18 | 14 |

## HORÆ.

In Reliquis Horis, & Scrupulis.

| Horę min. sec. | Gr. I | II | III | IV | V |
|---|---|---|---|---|---|
| 31 | 1 | 16 | 23 | 16 | |
| 32 | 1 | 18 | 51 | 6 | |
| 33 | 1 | 21 | 18 | 57 | |
| 34 | 1 | 23 | 46 | 48 | |
| 35 | 1 | 26 | 14 | 39 | |
| 36 | 1 | 28 | 42 | 30 | |
| 37 | 1 | 31 | 10 | 21 | |
| 38 | 1 | 33 | 38 | 11 | |
| 39 | 1 | 36 | 6 | 2 | |
| 40 | 1 | 38 | 33 | 53 | |
| 41 | 1 | 41 | 1 | 44 | |
| 42 | 1 | 43 | 29 | 36 | |
| 43 | 1 | 45 | 57 | 26 | |
| 44 | 1 | 48 | 25 | 16 | |
| 45 | 1 | 50 | 53 | 7 | |
| 46 | 1 | 53 | 20 | 58 | |
| 47 | 1 | 55 | 48 | 49 | |
| 48 | 1 | 55 | 16 | 40 | |
| 49 | 2 | 0 | 44 | 30 | |
| 50 | 2 | 3 | 12 | 21 | |
| 51 | 2 | 5 | 40 | 12 | |
| 52 | 2 | 8 | 8 | 3 | |
| 53 | 2 | 10 | 35 | 54 | |
| 54 | 2 | 13 | 3 | 45 | |
| 55 | 2 | 15 | 31 | 35 | |
| 56 | 2 | 17 | 59 | 26 | |
| 57 | 2 | 20 | 27 | 17 | |
| 58 | 2 | 22 | 55 | 8 | |
| 59 | 2 | 25 | 22 | 59 | |
| 60 | 2 | 27 | 50 | 50 | |

## HORÆ.

| Horę min. sec. | Gr. I | II | III | IV | V |
|---|---|---|---|---|---|
| 1 | 0 | 2 | 27 | 51 | |
| 2 | 0 | 4 | 55 | 44 | |
| 3 | 0 | 7 | 23 | 32 | |
| 4 | 0 | 9 | 51 | 23 | |
| 5 | 0 | 12 | 19 | 4 | |
| 6 | 0 | 14 | 47 | 5 | |
| 7 | 0 | 17 | 14 | 56 | |
| 8 | 0 | 19 | 42 | 47 | |
| 9 | 0 | 22 | 10 | 37 | |
| 10 | 0 | 24 | 38 | 28 | |
| 11 | 0 | 27 | 6 | 19 | |
| 12 | 0 | 29 | 34 | 10 | |
| 13 | 0 | 32 | 2 | 1 | |
| 14 | 0 | 34 | 29 | 52 | |
| 15 | 0 | 36 | 57 | 42 | |
| 16 | 0 | 39 | 25 | 33 | |
| 17 | 0 | 41 | 53 | 24 | |
| 18 | 0 | 44 | 21 | 15 | |
| 19 | 0 | 46 | 49 | 6 | |
| 20 | 0 | 49 | 16 | 57 | |
| 21 | 0 | 51 | 44 | 47 | |
| 22 | 0 | 54 | 12 | 38 | |
| 23 | 0 | 56 | 40 | 29 | |
| 24 | 0 | 59 | 8 | 20 | |
| 25 | 1 | 1 | 36 | 11 | |
| 26 | 1 | 4 | 4 | 1 | |
| 27 | 1 | 6 | 31 | 52 | |
| 28 | 1 | 8 | 59 | 43 | |
| 29 | 1 | 11 | 27 | 34 | |
| 30 | 1 | 13 | 55 | 25 | |

## TAB. 37.

## PARALLAXIVM SOLIS.

| ☉ Altitud. Gr | Parallaxis. ☉ Apogeo II | III | ☉ In med. dist. II | III | ☉ Perigeo II | III |
|---|---|---|---|---|---|---|
| 0 | 27 | 28 | 28 | 18 | 29 | 8 |
| 5 | 25 | 10 | 26 | 10 | 27 | 10 |
| 10 | 23 | 20 | 24 | 20 | 25 | 20 |
| 15 | 21 | 30 | 22 | 30 | 23 | 30 |
| 20 | 19 | 40 | 20 | 40 | 21 | 30 |
| 25 | 17 | 50 | 18 | 50 | 19 | 40 |
| 30 | 16 | 0 | 17 | 0 | 17 | 50 |
| 35 | 14 | 40 | 15 | 30 | 16 | 0 |
| 40 | 12 | 30 | 13 | 10 | 13 | 30 |
| 45 | 11 | 0 | 11 | 20 | 11 | 40 |
| 50 | 9 | 30 | 9 | 40 | 10 | 0 |
| 55 | 7 | 40 | 7 | 50 | 8 | 20 |
| 60 | 6 | 0 | 6 | 10 | 7 | 0 |
| 65 | 5 | 0 | 5 | 10 | 6 | 0 |
| 70 | 4 | 0 | 4 | 10 | 4 | 30 |
| 75 | 3 | 0 | 3 | 8 | 3 | 20 |
| 80 | 2 | 0 | 2 | 4 | 2 | 10 |
| 85 | 1 | 0 | 1 | 2 | 1 | 6 |
| 90 | 0 | 0 | 0 | 0 | 0 | 0 |
| | I. | II. | III. | IV. | V. | VI. |
| | XI. | XII. | IX. | X. | VII. | VIII. |

Anomaliæ Signa.



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*TAB. 38. Aequationum Solis Excentricitate tota partium 1480. sed Bissecta 1740. qualium Radius 100000.*

In Forma Circulari.

| Anom. Signa Gradus. | O. Subtrahe. G. | ′ | ″ | Differentia. | I. Subtrahe. G. | ′ | ″ | Diff ″ | II. Subtrahe. G. | ′ | ″ | Diff. ″ | III. Subtrahe. G | ′ | ″ | Diff. ″ | IV. Subtrahe. G. | ′ | ″ | Diff. | V. Subtrahe. G. | ′ | ″ | Diff. | Anom. Sig. G. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 0 | 0 | 0 | | 0 | 59 | 55 | | 1 | 43 | 45 | | 1 | 59 | 41 | | 1 | 43 | 45 | | 0 | 59 | 55 | | 30 |
| 1 | 0 | 2 | 5 | 125 | 1 | 1 | 40 | 105 | 1 | 44 | 42 | 57 | 1 | 59 | 40 | 4 | 1 | 42 | 45 | 60 | 0 | 58 | 7 | 108 | 29 |
| 2 | 0 | 4 | 10 | 125 | 1 | 3 | 24 | 104 | 1 | 45 | 38 | 56 | 1 | 59 | 39 | 4 | 1 | 41 | 41 | 64 | 0 | 56 | 17 | 110 | 28 |
| 3 | 0 | 6 | 15 | 125 | 1 | 5 | 7 | 103 | 1 | 46 | 34 | 56 | 1 | 59 | 32 | 7 | 1 | 40 | 34 | 67 | 0 | 54 | 25 | 112 | 27 |
| 4 | 0 | 8 | 20 | 125 | 1 | 6 | 49 | 102 | 1 | 47 | 29 | 55 | 1 | 59 | 22 | 10 | 1 | 39 | 24 | 70 | 0 | 52 | 32 | 113 | 26 |
| 5 | 0 | 10 | 25 | 125 | 1 | 8 | 30 | 101 | 1 | 48 | 23 | 54 | 1 | 59 | 7 | 15 | 1 | 38 | 12 | 72 | 0 | 50 | 38 | 114 | 25 |
| 6 | 0 | 12 | 30 | 125 | 1 | 10 | 10 | 100 | 1 | 49 | 19 | 53 | 1 | 58 | 47 | 20 | 1 | 36 | 58 | 74 | 0 | 48 | 43 | 115 | 24 |
| 7 | 0 | 14 | 34 | 124 | 1 | 11 | 49 | 99 | 1 | 50 | 11 | 52 | 1 | 58 | 27 | 20 | 1 | 35 | 42 | 76 | 0 | 46 | 47 | 116 | 23 |
| 8 | 0 | 16 | 38 | 124 | 1 | 13 | 27 | 98 | 1 | 51 | 1 | 50 | 1 | 58 | 8 | 19 | 1 | 34 | 24 | 78 | 0 | 44 | 50 | 117 | 22 |
| 9 | 0 | 18 | 42 | 124 | 1 | 15 | 4 | 97 | 1 | 51 | 49 | 48 | 1 | 57 | 49 | 19 | 1 | 33 | 4 | 80 | 0 | 42 | 53 | 117 | 21 |
| 10 | 0 | 20 | 46 | 124 | 1 | 16 | 40 | 96 | 1 | 52 | 35 | 46 | 1 | 57 | 30 | 19 | 1 | 31 | 42 | 82 | 0 | 40 | 55 | 118 | 20 |
| 11 | 0 | 22 | 49 | 123 | 1 | 18 | 15 | 95 | 1 | 53 | 19 | 44 | 1 | 57 | 10 | 20 | 1 | 30 | 18 | 84 | 0 | 38 | 57 | 119 | 19 |
| 12 | 0 | 24 | 52 | 123 | 1 | 19 | 49 | 94 | 1 | 53 | 59 | 40 | 1 | 56 | 49 | 21 | 1 | 38 | 52 | 86 | 0 | 36 | 58 | 119 | 18 |
| 13 | 0 | 26 | 54 | 122 | 1 | 21 | 22 | 93 | 1 | 54 | 35 | 36 | 1 | 56 | 27 | 22 | 1 | 27 | 24 | 88 | 0 | 34 | 58 | 120 | 17 |
| 14 | 0 | 28 | 56 | 122 | 1 | 22 | 54 | 92 | 1 | 55 | 7 | 32 | 1 | 56 | 3 | 24 | 1 | 25 | 55 | 89 | 0 | 32 | 58 | 120 | 16 |
| 15 | 0 | 30 | 57 | 121 | 1 | 24 | 25 | 91 | 1 | 55 | 37 | 30 | 1 | 55 | 37 | 26 | 1 | 24 | 25 | 90 | 0 | 30 | 57 | 121 | 15 |
| 16 | 0 | 32 | 58 | 121 | 1 | 25 | 55 | 90 | 1 | 56 | 3 | 26 | 1 | 55 | 7 | 30 | 1 | 22 | 54 | 91 | 0 | 28 | 56 | 121 | 14 |
| 17 | 0 | 34 | 58 | 120 | 1 | 27 | 24 | 89 | 1 | 56 | 27 | 24 | 1 | 54 | 35 | 32 | 1 | 21 | 22 | 92 | 0 | 26 | 54 | 122 | 13 |
| 18 | 0 | 36 | 58 | 120 | 1 | 28 | 52 | 88 | 1 | 56 | 49 | 22 | 1 | 53 | 59 | 36 | 1 | 19 | 49 | 93 | 0 | 24 | 52 | 122 | 12 |
| 19 | 0 | 38 | 57 | 119 | 1 | 30 | 18 | 86 | 1 | 57 | 10 | 21 | 1 | 53 | 19 | 40 | 1 | 18 | 15 | 94 | 0 | 22 | 49 | 123 | 11 |
| 20 | 0 | 40 | 55 | 119 | 1 | 31 | 42 | 84 | 1 | 57 | 30 | 20 | 1 | 52 | 35 | 44 | 1 | 16 | 40 | 95 | 0 | 20 | 46 | 123 | 10 |
| 21 | 0 | 42 | 53 | 118 | 1 | 33 | 4 | 82 | 1 | 57 | 49 | 19 | 1 | 51 | 49 | 46 | 1 | 15 | 4 | 96 | 0 | 18 | 42 | 124 | 9 |
| 22 | 0 | 44 | 50 | 118 | 1 | 34 | 24 | 80 | 1 | 58 | 8 | 19 | 1 | 51 | 1 | 48 | 1 | 13 | 27 | 97 | 0 | 16 | 38 | 124 | 8 |
| 23 | 0 | 46 | 47 | 117 | 1 | 35 | 42 | 78 | 1 | 58 | 27 | 19 | 1 | 50 | 11 | 50 | 1 | 11 | 49 | 98 | 0 | 14 | 34 | 124 | 7 |
| 24 | 0 | 48 | 43 | 116 | 1 | 36 | 58 | 76 | 1 | 58 | 47 | 20 | 1 | 49 | 19 | 52 | 1 | 10 | 10 | 99 | 0 | 12 | 30 | 124 | 6 |
| 25 | 0 | 50 | 38 | 115 | 1 | 38 | 12 | 74 | 1 | 59 | 7 | 20 | 1 | 48 | 23 | 53 | 1 | 8 | 20 | 100 | 0 | 10 | 25 | 125 | 5 |
| 26 | 0 | 52 | 32 | 114 | 1 | 39 | 24 | 72 | 1 | 59 | 22 | 15 | 1 | 47 | 29 | 54 | 1 | 6 | 49 | 101 | 0 | 8 | 20 | 125 | 4 |
| 27 | 0 | 54 | 25 | 113 | 1 | 40 | 34 | 70 | 1 | 59 | 32 | 10 | 1 | 46 | 34 | 55 | 1 | 5 | 7 | 102 | 0 | 6 | 15 | 125 | 3 |
| 28 | 0 | 56 | 17 | 112 | 1 | 41 | 41 | 67 | 1 | 59 | 39 | 7 | 1 | 45 | 38 | 56 | 1 | 3 | 24 | 103 | 0 | 4 | 10 | 125 | 2 |
| 29 | 0 | 58 | 7 | 110 | 1 | 42 | 45 | 64 | 1 | 59 | 40 | 4 | 1 | 44 | 42 | 56 | 1 | 1 | 40 | 104 | 0 | 2 | 5 | 125 | 1 |
| 30 | 0 | 59 | 55 | 108 | 1 | 43 | 45 | 60 | 1 | 59 | 41 | 4 | 1 | 43 | 45 | 57 | 0 | 59 | 55 | 105 | 0 | 0 | 0 | 124 | 0 |
| | XI. Adde. | | | | X. Adde. | | | | IX. Adde. | | | | VIII. Adde. | | | | VII. Adde. | | | | VI. Adde. | | | | |

In Forma Elliptica.

| Gr. | O. Subtr. G | ′ | ″ | I. Subtr. G. | ′ | ″ | II. Subtr. G. | ′ | ″ | III. Subtr. G. | ′ | ″ | IV. Subtr. G. | ′ | ″ | V. Subtr. G. | ′ | ″ | An. Sig. Gr. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 0 | 0 | 0 | 0 | 58 | 50 | 1 | 42 | 26 | 1 | 59 | 38 | 1 | 44 | 14 | 1 | 0 | 26 | 30 |
| 1 | 0 | 2 | 4 | 1 | 0 | 34 | 1 | 43 | 30 | 1 | 59 | 30 | 1 | 43 | 12 | 0 | 58 | 46 | 29 |
| 2 | 0 | 4 | 6 | 1 | 2 | 20 | 1 | 44 | 54 | 1 | 59 | 20 | 1 | 42 | 8 | 0 | 56 | 54 | 28 |
| 3 | 0 | 6 | 10 | 1 | 4 | 6 | 1 | 45 | 48 | 1 | 59 | 16 | 1 | 41 | 0 | 0 | 54 | 40 | 27 |
| 4 | 0 | 8 | 12 | 1 | 5 | 50 | 1 | 46 | 24 | 1 | 59 | 12 | 1 | 39 | 54 | 0 | 53 | 6 | 26 |
| 5 | 0 | 10 | 14 | 1 | 7 | 30 | 1 | 47 | 22 | 1 | 58 | 56 | 1 | 38 | 44 | 0 | 51 | 14 | 25 |
| 6 | 0 | 12 | 16 | 1 | 9 | 24 | 1 | 48 | 14 | 1 | 58 | 56 | 1 | 37 | 32 | 0 | 49 | 18 | 24 |
| 7 | 0 | 14 | 18 | 1 | 10 | 52 | 1 | 49 | 6 | 1 | 58 | 40 | 1 | 36 | 20 | 0 | 47 | 24 | 23 |
| 8 | 0 | 16 | 20 | 1 | 12 | 28 | 1 | 49 | 56 | 1 | 58 | 30 | 1 | 35 | 0 | 0 | 45 | 30 | 22 |
| 9 | 0 | 18 | 22 | 1 | 14 | 6 | 1 | 50 | 0 | 1 | 58 | 12 | 1 | 33 | 48 | 0 | 43 | 26 | 21 |
| 10 | 0 | 20 | 14 | 1 | 15 | 42 | 1 | 51 | 26 | 1 | 57 | 50 | 1 | 32 | 28 | 0 | 41 | 20 | 20 |
| 11 | 0 | 22 | 24 | 1 | 17 | 20 | 1 | 52 | 16 | 1 | 57 | 34 | 1 | 31 | 4 | 0 | 39 | 30 | 19 |
| 12 | 0 | 24 | 28 | 1 | 18 | 50 | 1 | 52 | 54 | 1 | 57 | 10 | 1 | 29 | 40 | 0 | 37 | 30 | 18 |
| 13 | 0 | 26 | 32 | 1 | 20 | 10 | 1 | 53 | 30 | 1 | 56 | 46 | 1 | 28 | 22 | 0 | 35 | 26 | 17 |
| 14 | 0 | 28 | 24 | 1 | 21 | 54 | 1 | 54 | 10 | 1 | 56 | 16 | 1 | 26 | 52 | 0 | 33 | 26 | 16 |
| 15 | 0 | 30 | 22 | 1 | 23 | 22 | 1 | 54 | 52 | 1 | 55 | 46 | 1 | 25 | 30 | 0 | 31 | 26 | 15 |
| 16 | 0 | 32 | 22 | 1 | 24 | 50 | 1 | 55 | 20 | 1 | 55 | 18 | 1 | 23 | 56 | 0 | 29 | 22 | 14 |
| 17 | 0 | 34 | 20 | 1 | 26 | 14 | 1 | 55 | 52 | 1 | 54 | 40 | 1 | 22 | 25 | 0 | 27 | 16 | 13 |
| 18 | 0 | 36 | 18 | 1 | 28 | 0 | 1 | 56 | 20 | 1 | 54 | 4 | 1 | 20 | 27 | 0 | 25 | 14 | 12 |
| 19 | 0 | 38 | 14 | 1 | 29 | 4 | 1 | 56 | 54 | 1 | 53 | 30 | 1 | 19 | 20 | 0 | 22 | 10 | 11 |
| 20 | 0 | 40 | 10 | 1 | 30 | 24 | 1 | 57 | 10 | 1 | 52 | 54 | 1 | 17 | 48 | 0 | 21 | 4 | 10 |
| 21 | 0 | 42 | 8 | 1 | 31 | 44 | 1 | 57 | 32 | 1 | 52 | 8 | 1 | 16 | 6 | 0 | 19 | 0 | 9 |
| 22 | 0 | 44 | 0 | 1 | 33 | 4 | 1 | 58 | 4 | 1 | 52 | 24 | 1 | 14 | 26 | 0 | 16 | 54 | 8 |
| 23 | 0 | 46 | 14 | 1 | 34 | 20 | 1 | 58 | 10 | 1 | 50 | 34 | 1 | 12 | 50 | 0 | 14 | 50 | 7 |
| 24 | 0 | 47 | 48 | 1 | 35 | 4 | 1 | 58 | 28 | 1 | 49 | 48 | 1 | 11 | 10 | 0 | 12 | 44 | 6 |
| 25 | 0 | 49 | 40 | 1 | 36 | 46 | 1 | 58 | 40 | 1 | 48 | 56 | 1 | 9 | 26 | 0 | 10 | 32 | 5 |
| 26 | 0 | 51 | 36 | 1 | 38 | 0 | 1 | 58 | 56 | 1 | 48 | 4 | 1 | 7 | 44 | 0 | 8 | 30 | 4 |
| 27 | 0 | 53 | 22 | 1 | 39 | 10 | 1 | 59 | 8 | 1 | 47 | 8 | 1 | 5 | 56 | 0 | 6 | 20 | 3 |
| 28 | 0 | 55 | 12 | 1 | 40 | 16 | 1 | 59 | 20 | 1 | 46 | 8 | 1 | 4 | 6 | 0 | 4 | 2 | 2 |
| 29 | 0 | 57 | 0 | 1 | 41 | 24 | 1 | 59 | 30 | 1 | 45 | 14 | 1 | 2 | 24 | 0 | 2 | 2 | 1 |
| 30 | 0 | 58 | 50 | 1 | 42 | 26 | 1 | 59 | 38 | 1 | 44 | 14 | 1 | 0 | 26 | 0 | 0 | 0 | 0 |
| | XI. Adde. | | | X. Adde. | | | IX. Adde. | | | VIII. Adde. | | | VII. Adde. | | | VI. Adde. | | | |

TAB. 39.

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*TAB. 39. Luni Solaris Distantiarum, Parallax. Horiz. Horarij, & Semidiametrorum in ☌, & ☍.*

| Anomal. | Distantia à centro Terræ Ad Radium | | In Semidiam. Terræ | | | | Parallaxis Horizontalis. | | Horarius mot. Verus. | | Semidiam. apparentes. | | ☍ Apo. Vmbrę in trâ. ☉ | Variat. deméd. Vmbrę | Axis Vmbræ Terræ in semid. terræ | | Anomal. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Gr. | part. 100000. ☌ | ☍ | ☌ 1. hyp. | ☌ 2. hyp. | ☌ ☍ | | ☌ | ☍ | ☌ | ☍ | ☌ | ☍ | | | 1. hyp. | 2. hyp. | G. |
| | | | | | | I | // ''' | / // | / // | / // | / // | / // | / // | // | | | |
| 0 | 101740 | 104343 | 7427 | 6666 | 63 | 40 | 27 8 | 54 2 | 2 23 | 29 20 | 15 30 | 14 48 | 38 42 | 0 | 229 | 229 ½ | 360 |
| 5 | 101738 | 104318 | 7426 | 6665 | 63 | 38 | 10 | 54 3 | 2 23 | 29 22 | 30 | 48 | 38 43 | 0 | | | 355 |
| 10 | 101710 | 104287 | 7425 | 6663 | 63 | 37 | 12 | 54 4 | 2 23 | 29 26 | 30 | 49 | 38 44 | 1 | | | 350 |
| 15 | 101680 | 104208 | 7423 | 6661 | 63 | 35 | 14 | 54 6 | 2 23 | 29 32 | 31 | 50 | 38 50 | 2 | | | 345 |
| 20 | 101636 | 104112 | 7420 | 6658 | 63 | 31 | 16 | 54 8 | 2 23 | 29 42 | 32 | 51 | 38 56 | 3 | | | 340 |
| 25 | 101580 | 103970 | 7416 | 6655 | 63 | 26 | 17 | 54 10 | 2 23 | 29 51 | 33 | 52 | 39 8 | 4 | | | 335 |
| 30 | 101512 | 103828 | 7410 | 6651 | 63 | 20 | 19 | 54 13 | 2 24 | 29 59 | 34 | 53 | 39 20 | 5 | 227 | 228 | 330 |
| 35 | 101432 | 103635 | 7404 | 6646 | 63 | 14 | 27 22 | 54 20 | 2 24 | 30 9 | 15 35 | 14 55 | 39 33 | 6 | | | 325 |
| 40 | 101341 | 103439 | 7398 | 6640 | 63 | 6 | 25 | 54 39 | 2 24 | 30 18 | 36 | 57 | 39 45 | 7 | | | 320 |
| 45 | 101240 | 103195 | 7391 | 6634 | 62 | 58 | 28 | 54 38 | 2 24 | 30 28 | 37 | 59 | 39 58 | 9 | | | 315 |
| 50 | 101129 | 102951 | 7379 | 6627 | 62 | 48 | 32 | 54 46 | 2 24 | 30 38 | 38 | 15 1 | 40 14 | 11 | | | 310 |
| 55 | 101009 | 102672 | 7371 | 6619 | 62 | 39 | 36 | 54 55 | 2 24 | 30 49 | 39 | 3 | 40 32 | 14 | | | 305 |
| 60 | 100881 | 102377 | 7364 | 6610 | 62 | 27 | 40 | 55 4 | 2 25 | 31 0 | 40 | 6 | 40 50 | 18 | 226 | 227 | 300 |
| 65 | 100746 | 102056 | 7354 | 6601 | 62 | 15 | 27 44 | 55 14 | 2 25 | 31 14 | 15 41 | 15 9 | 41 10 | 22 | | | 295 |
| 70 | 100605 | 101729 | 7344 | 6592 | 62 | 3 | 49 | 55 25 | 2 26 | 31 28 | 42 | 12 | 41 33 | 26 | | | 290 |
| 75 | 100459 | 101384 | 7333 | 6582 | 61 | 51 | 54 | 55 36 | 2 26 | 31 44 | 43 | 15 | 41 55 | 30 | | | 285 |
| 80 | 100309 | 101025 | 7323 | 6572 | 61 | 38 | 28 0 | 55 48 | 2 27 | 32 0 | 44 | 18 | 42 18 | 33 | | | 280 |
| 85 | 100156 | 100655 | 7311 | 6562 | 61 | 25 | 8 | 56 1 | 2 27 | 32 18 | 45 | 21 | 42 45 | 36 | | | 275 |
| 90 | 100000 | 100275 | 7300 | 6552 | 61 | 10 | 18 | 56 14 | 2 28 | 32 36 | 46 | 24 | 43 9 | 40 | 224 ⅗ | 226 | 270 |
| 95 | 99844 | 99905 | 7289 | 6543 | 60 | 57 | 28 26 | 56 26 | 2 29 | 32 54 | 15 47 | 15 27 | 43 36 | 43 | | | 265 |
| 100 | 99692 | 99522 | 7278 | 6533 | 60 | 43 | 31 | 56 39 | 2 29 | 33 11 | 48 | 30 | 44 2 | 46 | | | 260 |
| 105 | 99541 | 99140 | 7266 | 6524 | 60 | 29 | 35 | 56 52 | 2 30 | 33 28 | 49 | 33 | 44 28 | 48 | | | 255 |
| 110 | 99395 | 98769 | 7256 | 6514 | 60 | 15 | 39 | 57 5 | 2 30 | 33 44 | 50 | 36 | 44 52 | 51 | | | 250 |
| 115 | 99254 | 98407 | 7246 | 6504 | 60 | 2 | 42 | 57 17 | 2 30 | 33 58 | 51 | 41 | 45 18 | 54 | | | 245 |
| 120 | 99119 | 98046 | 7236 | 6494 | 59 | 49 | 45 | 57 30 | 2 31 | 34 10 | 52 | 44 | 45 44 | 57 | 223 | 225 | 240 |
| 125 | 98991 | 97715 | 7226 | 6487 | 59 | 37 | 28 48 | 57 42 | 2 31 | 34 20 | 15 53 | 15 47 | 46 12 | 60 | | | 235 |
| 130 | 98871 | 97382 | 7217 | 6480 | 59 | 25 | 51 | 57 54 | 2 31 | 34 30 | 54 | 50 | 46 36 | 62 | | | 230 |
| 135 | 98760 | 97090 | 7209 | 6473 | 59 | 15 | 54 | 58 3 | 2 32 | 34 39 | 15 55 | 53 | 47 0 | 65 | | | 225 |
| 140 | 98659 | 96795 | 7202 | 6466 | 59 | 5 | 56 | 58 15 | 2 32 | 34 47 | 56 | 56 | 47 20 | 68 | | | 220 |
| 145 | 98568 | 96553 | 7196 | 6459 | 58 | 55 | 58 | 58 23 | 2 32 | 34 54 | 57 | 16 0 | 47 38 | 70 | | | 215 |
| 150 | 98488 | 96313 | 7190 | 6453 | 58 | 45 | 29 0 | 58 32 | 2 33 | 35 2 | 58 | 4 | 47 56 | 72 | 222 ½ | 224 | 210 |
| 155 | 98420 | 96144 | 7185 | 6449 | 58 | 37 | 29 2 | 58 39 | 2 33 | 35 10 | 15 58 | 16 6 | 48 13 | 73 | | | 205 |
| 160 | 98364 | 95955 | 7181 | 6446 | 58 | 32 | 4 | 58 46 | 2 33 | 35 17 | 59 | 8 | 48 28 | 74 | | | 200 |
| 165 | 98320 | 95843 | 7178 | 6442 | 58 | 28 | 5 | 58 50 | 2 33 | 35 23 | 16 0 | 9 | 48 38 | 75 | | | 195 |
| 170 | 98286 | 95734 | 7176 | 6440 | 58 | 24 | 6 | 58 54 | 2 34 | 35 26 | 1 | 10 | 48 46 | 76 | | | 190 |
| 175 | 98266 | 95690 | 7174 | 6439 | 58 | 22 | 7 | 58 56 | 2 34 | 35 28 | 2 | 11 | 48 52 | 77 | | | 185 |
| 180 | 98260 | 95657 | 7173 | 6438 | 58 | 21 | 29 8 | 58 58 | 2 34 | 35 30 | 2 | 16 12 | 48 55 | 77 | 220 ⅘ | 223 | 180 |

*TAB. 40. Refractionum ex Tychonis Observationibus, Aliorumque, & Nostris, emendatis.*

| Altitud. appar. | Æstiua. | | | | | | Æquinoctialis. | | | | | | Hyberna. | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ☍ | | ☌ | | ✶ Fixæ. | | ☍ | | ☌ | | ✶ | | ☍ | | ☌ | | ✶ | |
| Gr. | / | // | / | // | / | // | / | // | / | // | / | // | / | // | / | // | / | // |
| 0 | 29 | 0 | 30 | 0 | 30 | 27 | 30 | 0 | 31 | 0 | 31 | 28 | 31 | 0 | 32 | 0 | 32 | 29 |
| 1 | 21 | 0 | 22 | 0 | 22 | 27 | 22 | 0 | 23 | 0 | 23 | 28 | 23 | 0 | 24 | 0 | 24 | 29 |
| 2 | 15 | 5 | 16 | 0 | 16 | 26 | 16 | 5 | 17 | 0 | 17 | 27 | 17 | 55 | 18 | 0 | 18 | 29 |
| 3 | 12 | 10 | 13 | 0 | 13 | 26 | 13 | 10 | 14 | 0 | 14 | 27 | 14 | 50 | 15 | 0 | 15 | 29 |
| 4 | 10 | 47 | 11 | 32 | 11 | 57 | 11 | 46 | 12 | 31 | 12 | 58 | 13 | 16 | 13 | 30 | 13 | 58 |
| 5 | 9 | 52 | 10 | 32 | 10 | 57 | 10 | 52 | 11 | 31 | 11 | 57 | 12 | 11 | 12 | 30 | 12 | 58 |
| 6 | 9 | 0 | 9 | 35 | 10 | 0 | 9 | 56 | 10 | 31 | 10 | 57 | 11 | 6 | 11 | 53 | 12 | 20 |
| 7 | 8 | 29 | 8 | 59 | 9 | 23 | 9 | 23 | 9 | 53 | 10 | 18 | 10 | 23 | 11 | 12 | 11 | 39 |
| 8 | 7 | 0 | 7 | 25 | 7 | 49 | 7 | 52 | 8 | 17 | 8 | 42 | 8 | 42 | 9 | 34 | 10 | 0 |
| 9 | 6 | 23 | 6 | 43 | 7 | 6 | 7 | 13 | 7 | 33 | 7 | 58 | 7 | 53 | 8 | 48 | 9 | 14 |
| 10 | 5 | 56 | 6 | 15 | 7 | 38 | 6 | 44 | 7 | 3 | 7 | 27 | 7 | 22 | 8 | 14 | 8 | 39 |
| 11 | 5 | 30 | 5 | 48 | 6 | 11 | 6 | 16 | 6 | 34 | 6 | 58 | 6 | 52 | 7 | 44 | 8 | 9 |
| 12 | 5 | 3 | 5 | 20 | 5 | 42 | 5 | 47 | 6 | 4 | 6 | 28 | 6 | 21 | 7 | 12 | 7 | 37 |
| 13 | 4 | 37 | 4 | 53 | 5 | 15 | 5 | 19 | 5 | 35 | 5 | 59 | 5 | 51 | 6 | 41 | 7 | 5 |
| 14 | 4 | 11 | 4 | 26 | 4 | 48 | 4 | 51 | 5 | 6 | 5 | 29 | 5 | 21 | 6 | 9 | 6 | 33 |
| 15 | 3 | 44 | 3 | 58 | 4 | 19 | 4 | 22 | 4 | 36 | 4 | 58 | 4 | 50 | 5 | 36 | 5 | 59 |
| 16 | 3 | 19 | 3 | 32 | 3 | 53 | 3 | 54 | 4 | 7 | 4 | 29 | 4 | 20 | 5 | 4 | 5 | 27 |
| 17 | 2 | 53 | 3 | 7 | 3 | 27 | 3 | 24 | 3 | 38 | 4 | 0 | 3 | 52 | 4 | 32 | 4 | 55 |
| 18 | 2 | 14 | 2 | 26 | 2 | 46 | 2 | 42 | 2 | 54 | 3 | 15 | 3 | 6 | 3 | 43 | 4 | 6 |
| 19 | 1 | 37 | 1 | 47 | 2 | 7 | 2 | 0 | 2 | 10 | 2 | 31 | 2 | 20 | 2 | 55 | 3 | 17 |
| 20 | 0 | 50 | 1 | 0 | 1 | 20 | 1 | 30 | 1 | 40 | 2 | 1 | 1 | 50 | 2 | 21 | 2 | 41 |
| 21 | 0 | 24 | 0 | 33 | 0 | 52 | 1 | 2 | 1 | 11 | 1 | 31 | 1 | 20 | 1 | 49 | 2 | 10 |
| 22 | 0 | 6 | 0 | 14 | 0 | 33 | 0 | 34 | 0 | 42 | 1 | 2 | 0 | 50 | 1 | 10 | 1 | 31 |
| 23 | 0 | 0 | 0 | 6 | 0 | 25 | 0 | 18 | 0 | 24 | 0 | 44 | 0 | 30 | 0 | 52 | 1 | 13 |
| 24 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 3 | 0 | 5 | 0 | 24 | 0 | 7 | 0 | 30 | 0 | 48 |
| 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 10 | 0 | 28 |
| 26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 22 |

De Emendatione Tychonicarum, vide dicta Lib. 1. Astronom. Reformatæ Cap. 14. & 15.



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## TABVLA 41. *Lunæ Motus Æqualis, seu Medias, & Nodi ☊.*

### EPOCHÆ, SEV RADICES.

| Anni ante Christũ. | Longit. ab ♈ Sig. G. | ′ | ″ | Anomalia. Sig. G. | ′ | ″ | Nodi ☊ mot. Sig. G. | ′ | ″ |
|---|---|---|---|---|---|---|---|---|---|
| 6000 | 0 | 13 | 12 | 36 | 5 | 21 | 57 | 52 | 1 | 9 | 58 | 3 |
| 5000 | 7 | 1 | 21 | 6 | 11 | 26 | 58 | 57 | 4 | 18 | 6 | 56 |
| 4000 | 1 | 19 | 29 | 36 | 6 | 2 | 0 | 2 | 7 | 26 | 15 | 49 |
| 3000 | 8 | 7 | 38 | 6 | 0 | 7 | 1 | 6 | 11 | 4 | 24 | 42 |
| 2000 | 2 | 25 | 46 | 35 | 6 | 12 | 2 | 2 | 2 | 12 | 33 | 36 |
| 1000 | 9 | 13 | 55 | 5 | 0 | 17 | 3 | 19 | 5 | 20 | 42 | 29 |
| 900 | 7 | 21 | 43 | 56 | 7 | 5 | 33 | 25 | 1 | 6 | 31 | 22 |
| 800 | 5 | 29 | 32 | 47 | 1 | 24 | 3 | 32 | 8 | 22 | 20 | 16 |
| 700 | 4 | 7 | 21 | 38 | 8 | 12 | 33 | 39 | 4 | 8 | 9 | 9 |
| 600 | 2 | 15 | 10 | 29 | 3 | 1 | 3 | 46 | 11 | 23 | 58 | 2 |
| 500 | 0 | 22 | 59 | 20 | 9 | 19 | 33 | 53 | 7 | 9 | 46 | 56 |
| 400 | 11 | 0 | 48 | 11 | 4 | 8 | 4 | 0 | 2 | 25 | 35 | 49 |
| 300 | 9 | 8 | 37 | 2 | 10 | 26 | 34 | 7 | 10 | 11 | 24 | 42 |
| 200 | 7 | 16 | 25 | 53 | 5 | 15 | 4 | 14 | 5 | 27 | 13 | 36 |
| 100 | 5 | 24 | 14 | 44 | 0 | 3 | 34 | 21 | 1 | 13 | 2 | 29 |
| Christi. | 4 | 2 | 3 | 35 | 6 | 22 | 4 | 24 | 8 | 28 | 51 | 22 |
| 100 | 2 | 9 | 52 | 25 | 1 | 10 | 34 | 31 | 4 | 14 | 40 | 16 |
| 200 | 0 | 17 | 41 | 16 | 7 | 29 | 4 | 38 | 0 | 0 | 29 | 9 |
| 300 | 10 | 25 | 30 | 7 | 2 | 17 | 34 | 45 | 7 | 16 | 15 | 2 |
| 400 | 9 | 3 | 18 | 57 | 9 | 6 | 4 | 52 | 3 | 2 | 6 | 56 |
| 500 | 7 | 11 | 7 | 48 | 3 | 24 | 34 | 59 | 10 | 17 | 55 | 49 |
| 600 | 5 | 18 | 56 | 39 | 10 | 13 | 5 | 6 | 6 | 3 | 44 | 42 |
| 700 | 3 | 26 | 45 | 30 | 5 | 1 | 35 | 12 | 1 | 19 | 33 | 35 |
| 800 | 2 | 4 | 34 | 22 | 11 | 20 | 5 | 19 | 9 | 5 | 22 | 28 |
| 900 | 0 | 12 | 23 | 13 | 6 | 8 | 35 | 24 | 4 | 21 | 11 | 21 |
| 1000 | 10 | 20 | 12 | 5 | 0 | 27 | 5 | 30 | 0 | 7 | 0 | 15 |
| 1100 | 8 | 28 | 0 | 55 | 7 | 15 | 35 | 37 | 7 | 22 | 49 | 8 |
| 1200 | 7 | 5 | 49 | 46 | 2 | 4 | 5 | 44 | 3 | 8 | 38 | 1 |
| 1300 | 5 | 13 | 38 | 37 | 8 | 22 | 35 | 50 | 10 | 24 | 26 | 55 |
| 1400 | 3 | 21 | 27 | 28 | 3 | 11 | 5 | 56 | 6 | 10 | 15 | 43 |
| 1500 | 1 | 29 | 16 | 19 | 9 | 29 | 36 | 3 | 1 | 26 | 4 | 41 |
| 1600 | 0 | 7 | 5 | 10 | 4 | 18 | 6 | 10 | 9 | 11 | 54 | 35 |
| Stylo Gregoriano. 1600 | 7 | 25 | 19 | 20 | 0 | 7 | 27 | 9 | 9 | 11 | 22 | 50 |
| 1700 | 5 | 29 | 57 | 36 | 6 | 12 | 53 | 23 | 4 | 27 | 14 | 54 |
| 1800 | 3 | 24 | 35 | 52 | 0 | 18 | 19 | 37 | 0 | 13 | 6 | 58 |
| 1900 | 1 | 19 | 14 | 8 | 6 | 23 | 45 | 51 | 6 | 28 | 59 | 2 |
| 2000 | 11 | 27 | 2 | 59 | 1 | 12 | 15 | 58 | 2 | 14 | 47 | 55 |
| 2100 | 9 | 21 | 41 | 15 | 7 | 27 | 42 | 12 | 10 | 0 | 40 | 0 |
| 2200 | 7 | 16 | 19 | 31 | 2 | 3 | 8 | 26 | 5 | 16 | 32 | 4 |
| 2300 | 5 | 10 | 57 | 47 | 8 | 8 | 34 | 40 | 1 | 2 | 24 | 8 |

### ANNI EXPANSI, ET COLLECTI.

| Anni | Longit. ab ♈ Sig G. | ′ | ″ | Anomalia. Sig. G. | ′ | ″ | Nodi ☊ mot. Sig. G. | ′ | ″ |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 4 | 9 | 23 | 3 | 2 | 28 | 43 | 8 | 0 | 19 | 19 | 43 |
| 2 | 8 | 18 | 46 | 5 | 5 | 27 | 26 | 15 | 1 | 8 | 39 | 26 |
| 3 | 0 | 28 | 9 | 8 | 8 | 26 | 9 | 23 | 1 | 27 | 59 | 9 |
| B. 4 | 5 | 20 | 42 | 45 | 0 | 7 | 56 | 23 | 2 | 17 | 22 | 3 |
| 5 | 10 | 0 | 5 | 48 | 3 | 6 | 39 | 31 | 3 | 6 | 41 | 46 |
| 6 | 2 | 9 | 28 | 50 | 6 | 5 | 22 | 39 | 3 | 26 | 1 | 29 |
| 7 | 6 | 18 | 51 | 53 | 9 | 4 | 5 | 46 | 4 | 15 | 21 | 12 |
| B. 8 | 11 | 11 | 25 | 30 | 0 | 15 | 52 | 47 | 5 | 4 | 44 | 5 |
| 9 | 3 | 20 | 48 | 33 | 3 | 14 | 35 | 55 | 5 | 24 | 3 | 48 |
| 10 | 8 | 0 | 11 | 35 | 6 | 13 | 19 | 3 | 6 | 13 | 23 | 32 |
| 11 | 0 | 9 | 34 | 38 | 9 | 12 | 2 | 11 | 7 | 2 | 43 | 15 |
| B. 12 | 5 | 2 | 8 | 16 | 0 | 23 | 49 | 12 | 7 | 22 | 6 | 8 |
| 13 | 9 | 11 | 31 | 18 | 3 | 22 | 32 | 20 | 8 | 11 | 25 | 51 |
| 14 | 1 | 20 | 54 | 21 | 6 | 21 | 15 | 27 | 9 | 0 | 45 | 34 |
| 15 | 6 | 0 | 17 | 23 | 9 | 19 | 58 | 35 | 9 | 20 | 5 | 17 |
| B. 16 | 10 | 22 | 51 | 1 | 1 | 1 | 45 | 36 | 10 | 9 | 28 | 11 |
| 17 | 3 | 2 | 14 | 4 | 4 | 0 | 28 | 44 | 10 | 28 | 47 | 54 |
| 18 | 7 | 11 | 37 | 6 | 6 | 29 | 11 | 52 | 11 | 18 | 7 | 37 |
| 19 | 11 | 21 | 0 | 9 | 9 | 27 | 55 | 0 | 0 | 7 | 27 | 20 |
| 20 | 4 | 13 | 33 | 46 | 1 | 9 | 42 | 1 | 0 | 26 | 50 | 13 |

### ANNI EXPANSI, ET COLLECTI.

| Anni Exp. | Longit. ab ♈ Sig. G. | ′ | ″ | Anomalia. Sig. G. | ′ | ″ | Nodi ☊ mot. Sig G. | ′ | ″ |
|---|---|---|---|---|---|---|---|---|---|
| 21 | 8 | 22 | 56 | 49 | 4 | 8 | 25 | 9 | 1 | 16 | 9 | 57 |
| 22 | 1 | 2 | 19 | 51 | 7 | 7 | 8 | 17 | 2 | 5 | 29 | 40 |
| 23 | 5 | 11 | 42 | 54 | 10 | 5 | 51 | 25 | 2 | 24 | 49 | 23 |
| B. 24 | 10 | 4 | 16 | 31 | 1 | 17 | 38 | 24 | 3 | 14 | 12 | 16 |
| 25 | 2 | 13 | 39 | 34 | 4 | 16 | 21 | 32 | 4 | 3 | 32 | 0 |
| 26 | 6 | 23 | 2 | 36 | 7 | 15 | 4 | 40 | 4 | 22 | 51 | 43 |
| 27 | 11 | 2 | 25 | 39 | 10 | 13 | 47 | 48 | 5 | 12 | 11 | 26 |
| B. 28 | 3 | 24 | 59 | 17 | 1 | 25 | 34 | 47 | 6 | 1 | 34 | 19 |
| 29 | 8 | 4 | 22 | 19 | 4 | 24 | 17 | 55 | 6 | 20 | 54 | 2 |
| 30 | 0 | 13 | 45 | 22 | 7 | 23 | 1 | 3 | 7 | 10 | 13 | 45 |
| 31 | 4 | 23 | 8 | 24 | 10 | 21 | 44 | 11 | 7 | 29 | 33 | 28 |
| B. 32 | 9 | 15 | 42 | 2 | 2 | 3 | 31 | 10 | 8 | 18 | 56 | 21 |
| 33 | 1 | 25 | 5 | 4 | 5 | 2 | 14 | 18 | 9 | 8 | 16 | 5 |
| 34 | 6 | 4 | 28 | 7 | 8 | 0 | 57 | 26 | 9 | 27 | 35 | 48 |
| 35 | 10 | 13 | 51 | 10 | 10 | 29 | 40 | 34 | 10 | 16 | 55 | 31 |
| B. 36 | 3 | 6 | 24 | 47 | 2 | 11 | 27 | 33 | 11 | 6 | 18 | 24 |
| 37 | 7 | 15 | 47 | 50 | 5 | 10 | 10 | 41 | 11 | 25 | 38 | 7 |
| 38 | 11 | 25 | 10 | 52 | 8 | 8 | 53 | 49 | 0 | 14 | 57 | 50 |
| 39 | 4 | 4 | 33 | 55 | 11 | 7 | 36 | 57 | 1 | 4 | 17 | 33 |
| B. 40 | 8 | 27 | 7 | 32 | 2 | 19 | 24 | 2 | 1 | 23 | 40 | 27 |
| 41 | 1 | 6 | 30 | 35 | 5 | 18 | 7 | 10 | 2 | 13 | 0 | 10 |
| 42 | 5 | 15 | 53 | 37 | 8 | 16 | 50 | 18 | 3 | 2 | 19 | 53 |
| 43 | 9 | 25 | 16 | 40 | 11 | 15 | 33 | 26 | 3 | 21 | 39 | 36 |
| B. 44 | 2 | 17 | 50 | 18 | 2 | 27 | 20 | 25 | 4 | 11 | 2 | 29 |
| 45 | 6 | 27 | 13 | 20 | 5 | 26 | 3 | 33 | 5 | 0 | 22 | 13 |
| 46 | 11 | 6 | 36 | 23 | 8 | 24 | 46 | 41 | 5 | 19 | 41 | 56 |
| 47 | 3 | 15 | 59 | 25 | 11 | 23 | 29 | 49 | 6 | 9 | 1 | 39 |
| B. 48 | 8 | 8 | 33 | 3 | 3 | 5 | 16 | 48 | 6 | 28 | 24 | 32 |
| 49 | 0 | 17 | 56 | 5 | 6 | 3 | 59 | 6 | 7 | 17 | 44 | 16 |
| 50 | 4 | 27 | 19 | 8 | 9 | 2 | 43 | 4 | 8 | 7 | 3 | 59 |
| 51 | 9 | 6 | 42 | 10 | 0 | 1 | 26 | 12 | 8 | 26 | 23 | 42 |
| B. 52 | 1 | 29 | 15 | 48 | 3 | 13 | 13 | 11 | 9 | 15 | 46 | 35 |
| 53 | 6 | 8 | 38 | 51 | 6 | 11 | 56 | 19 | 10 | 5 | 6 | 18 |
| 54 | 10 | 18 | 1 | 53 | 9 | 10 | 39 | 27 | 10 | 24 | 26 | 2 |
| 55 | 2 | 27 | 24 | 56 | 0 | 9 | 22 | 35 | 11 | 13 | 45 | 45 |
| B. 56 | 7 | 19 | 58 | 33 | 3 | 21 | 9 | 34 | 0 | 3 | 8 | 38 |
| 57 | 11 | 29 | 21 | 36 | 6 | 19 | 52 | 42 | 0 | 22 | 28 | 21 |
| 58 | 4 | 8 | 44 | 38 | 9 | 18 | 35 | 50 | 1 | 11 | 48 | 4 |
| 59 | 8 | 18 | 7 | 41 | 0 | 17 | 18 | 58 | 2 | 1 | 7 | 47 |
| B. 60 | 1 | 10 | 41 | 19 | 3 | 29 | 6 | 4 | 2 | 20 | 30 | 40 |
| 64 | 7 | 1 | 24 | 4 | 4 | 7 | 2 | 27 | 5 | 7 | 52 | 43 |
| 68 | 0 | 22 | 6 | 49 | 4 | 14 | 58 | 20 | 7 | 25 | 14 | 46 |
| 72 | 6 | 12 | 49 | 34 | 4 | 22 | 55 | 14 | 10 | 12 | 36 | 48 |
| 76 | 0 | 3 | 32 | 20 | 5 | 0 | 51 | 36 | 0 | 29 | 58 | 51 |
| Omnes hi sunt Bissextiles. 80 | 5 | 24 | 15 | 5 | 5 | 8 | 48 | 5 | 3 | 17 | 20 | 54 |
| 84 | 11 | 14 | 57 | 50 | 5 | 16 | 44 | 28 | 6 | 4 | 42 | 56 |
| 88 | 5 | 5 | 40 | 35 | 5 | 24 | 40 | 51 | 8 | 22 | 4 | 59 |
| 92 | 10 | 26 | 23 | 21 | 6 | 2 | 37 | 14 | 11 | 9 | 27 | 2 |
| 96 | 4 | 17 | 6 | 6 | 6 | 10 | 33 | 39 | 1 | 26 | 49 | 4 |
| 100 | 10 | 7 | 48 | 51 | 6 | 18 | 30 | 7 | 4 | 14 | 11 | 7 |
| 200 | 8 | 15 | 37 | 42 | 1 | 7 | 0 | 13 | 8 | 28 | 22 | 13 |
| 300 | 6 | 23 | 26 | 33 | 7 | 25 | 30 | 20 | 1 | 12 | 33 | 20 |
| 400 | 5 | 1 | 15 | 24 | 2 | 14 | 0 | 26 | 5 | 26 | 44 | 27 |
| 500 | 3 | 9 | 4 | 15 | 9 | 2 | 30 | 33 | 10 | 10 | 55 | 33 |
| 600 | 1 | 16 | 53 | 6 | 3 | 21 | 0 | 39 | 2 | 25 | 6 | 40 |
| 700 | 11 | 24 | 41 | 57 | 10 | 9 | 30 | 45 | 7 | 9 | 17 | 47 |
| 800 | 10 | 2 | 30 | 48 | 4 | 28 | 0 | 52 | 11 | 23 | 28 | 53 |
| 900 | 8 | 10 | 19 | 39 | 11 | 16 | 30 | 59 | 4 | 7 | 40 | 0 |
| 1000 | 6 | 18 | 8 | 30 | 6 | 5 | 1 | 5 | 8 | 21 | 51 | 7 |
| 2000 | 1 | 6 | 17 | 0 | 0 | 10 | 2 | 11 | 5 | 13 | 42 | 14 |
| 3000 | 7 | 24 | 25 | 30 | 6 | 15 | 3 | 16 | 2 | 5 | 33 | 20 |
| 4000 | 2 | 12 | 34 | 0 | 0 | 20 | 4 | 21 | 10 | 27 | 24 | 27 |
| 5000 | 9 | 0 | 42 | 29 | 6 | 25 | 5 | 27 | 7 | 19 | 15 | 34 |
| 6000 | 3 | 18 | 50 | 59 | 1 | 0 | 6 | 33 | 4 | 11 | 6 | 41 |

MEN-

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## MENSES ANNI COMMVNIS.

| Menses | Long. ☉ ab ♈ | | | | Anomalia. | | | | Nodi ☊ Mot. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Cópleti | Sig. | G. | I | II | Sig. | G. | I | II | G. | I | II |
| Ianuar. | 1 | 18 | 28 | 6 | 1 | 15 | 0 | 52 | 1 | 38 | 30 |
| Febr. | 1 | 27 | 24 | 26 | 1 | 20 | 50 | 2 | 3 | 7 | 28 |
| Martius | 3 | 15 | 52 | 32 | 3 | 5 | 50 | 55 | 4 | 45 | 57 |
| Aprilis | 4 | 21 | 10 | 2 | 4 | 7 | 47 | 53 | 6 | 21 | 16 |
| Maius | 6 | 9 | 38 | 8 | 5 | 22 | 48 | 45 | 7 | 59 | 46 |
| Iunius | 7 | 14 | 55 | 39 | 6 | 24 | 45 | 48 | 9 | 35 | 6 |
| Iulius | 9 | 3 | 23 | 44 | 8 | 9 | 46 | 35 | 11 | 13 | 35 |
| August. | 10 | 21 | 51 | 50 | 9 | 24 | 47 | 26 | 12 | 52 | 5 |
| Septēb. | 11 | 27 | 9 | 21 | 10 | 26 | 44 | 25 | 14 | 27 | 24 |
| Octob. | 1 | 15 | 37 | 26 | 0 | 11 | 45 | 17 | 16 | 5 | 54 |
| Nouēb. | 2 | 20 | 54 | 57 | 1 | 13 | 42 | 15 | 17 | 41 | 13 |
| Decēb. | 4 | 9 | 23 | 3 | 2 | 28 | 43 | 8 | 19 | 19 | 43 |

## MENSES ANNI BISSEXTILIS.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ianuar. | 1 | 18 | 28 | 6 | 1 | 15 | 0 | 52 | 1 | 38 | 30 |
| Febr. | 2 | 10 | 35 | 1 | 2 | 3 | 53 | 56 | 3 | 10 | 39 |
| Martius | 3 | 29 | 3 | 7 | 3 | 18 | 54 | 49 | 4 | 49 | 8 |
| Aprilis | 5 | 4 | 20 | 37 | 4 | 20 | 51 | 47 | 6 | 24 | 26 |
| Maius | 6 | 22 | 48 | 43 | 6 | 5 | 52 | 39 | 8 | 6 | 56 |
| Iunius | 7 | 28 | 6 | 14 | 7 | 7 | 49 | 37 | 9 | 42 | 25 |
| Iulius | 9 | 16 | 34 | 19 | 8 | 20 | 50 | 29 | 11 | 20 | 55 |
| August. | 11 | 5 | 2 | 25 | 10 | 7 | 51 | 20 | 12 | 59 | 25 |
| Sept. | 0 | 10 | 19 | 56 | 11 | 9 | 48 | 19 | 14 | 30 | 35 |
| Octob. | 1 | 28 | 48 | 1 | 0 | 24 | 49 | 11 | 16 | 9 | 5 |
| Nou. | 3 | 4 | 5 | 32 | 1 | 26 | 46 | 9 | 17 | 44 | 24 |
| Dec. | 4 | 22 | 33 | 38 | 3 | 11 | 47 | 2 | 19 | 22 | 54 |

## DIES.

| Dies | Long. ☉ ab ♈ | | | | Anomalia. | | | | Nodi ☊ Mot. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Compl. | Sig. | G. | I | II | Sig. | G. | I | II | G. | I | II |
| 1 | 0 | 13 | 10 | 35 | 0 | 13 | 3 | 54 | 0 | 3 | 11 |
| 2 | 0 | 26 | 21 | 10 | 0 | 26 | 7 | 48 | 0 | 6 | 21 |
| 3 | 1 | 9 | 31 | 45 | 1 | 9 | 11 | 42 | 0 | 9 | 32 |
| 4 | 1 | 22 | 42 | 20 | 1 | 22 | 15 | 36 | 0 | 12 | 43 |
| 5 | 2 | 5 | 52 | 55 | 2 | 5 | 19 | 30 | 0 | 15 | 53 |
| 6 | 2 | 19 | 3 | 20 | 2 | 18 | 23 | 24 | 0 | 19 | 4 |
| 7 | 3 | 2 | 14 | 5 | 3 | 1 | 27 | 18 | 0 | 22 | 14 |
| 8 | 3 | 15 | 24 | 40 | 3 | 14 | 31 | 12 | 0 | 25 | 25 |
| 9 | 3 | 28 | 35 | 15 | 3 | 27 | 35 | 5 | 0 | 28 | 36 |
| 10 | 4 | 11 | 45 | 50 | 4 | 10 | 38 | 59 | 0 | 31 | 46 |
| 11 | 4 | 24 | 56 | 25 | 4 | 23 | 42 | 53 | 0 | 34 | 57 |
| 12 | 5 | 8 | 7 | 0 | 5 | 6 | 46 | 47 | 0 | 38 | 8 |
| 13 | 5 | 21 | 17 | 35 | 5 | 19 | 50 | 41 | 0 | 41 | 18 |
| 14 | 6 | 4 | 28 | 10 | 6 | 2 | 54 | 35 | 0 | 44 | 29 |
| 15 | 6 | 17 | 38 | 45 | 6 | 15 | 58 | 29 | 0 | 47 | 40 |
| 16 | 7 | 0 | 49 | 20 | 6 | 29 | 2 | 23 | 0 | 50 | 50 |
| 17 | 7 | 13 | 59 | 55 | 7 | 12 | 6 | 17 | 0 | 54 | 1 |
| 18 | 7 | 27 | 10 | 30 | 7 | 25 | 10 | 11 | 0 | 57 | 11 |
| 19 | 8 | 10 | 21 | 5 | 8 | 8 | 14 | 5 | 1 | 0 | 22 |
| 20 | 8 | 23 | 31 | 40 | 8 | 21 | 17 | 59 | 1 | 3 | 33 |
| 21 | 9 | 6 | 42 | 15 | 9 | 4 | 21 | 53 | 1 | 6 | 43 |
| 22 | 9 | 19 | 52 | 50 | 9 | 17 | 25 | 47 | 1 | 9 | 54 |
| 23 | 10 | 3 | 3 | 25 | 10 | 0 | 29 | 41 | 1 | 13 | 5 |
| 24 | 10 | 16 | 14 | 0 | 10 | 13 | 33 | 25 | 1 | 16 | 15 |
| 25 | 10 | 29 | 24 | 36 | 10 | 26 | 37 | 28 | 1 | 19 | 26 |
| 26 | 11 | 12 | 35 | 11 | 11 | 9 | 41 | 22 | 1 | 22 | 37 |
| 27 | 11 | 25 | 45 | 46 | 11 | 22 | 45 | 16 | 1 | 25 | 47 |
| 28 | 0 | 8 | 56 | 21 | 0 | 5 | 49 | 10 | 1 | 28 | 58 |
| 29 | 0 | 22 | 6 | 56 | 0 | 18 | 53 | 4 | 1 | 32 | 9 |
| 30 | 1 | 5 | 17 | 31 | 1 | 1 | 56 | 8 | 1 | 35 | 19 |
| 31 | 1 | 18 | 28 | 6 | 1 | 15 | 0 | 52 | 1 | 38 | 30 |

## HORÆ, ET SCRVPVLA.

| | Longit. ☉ ab ♈ | | | Anomalia. | | | No. ☊ mot. | |
|---|---|---|---|---|---|---|---|---|
| Horę | Gr. | I | II | Gr. | I | II | I | II |
| Min. | I | II | III | I | II | III | II | III |
| Sec. | II | III | IV | II | III | IV | III | IV |
| 1 | 0 | 32 | 56 | 0 | 32 | 40 | 0 | 8 |
| 2 | 1 | 5 | 53 | 1 | 5 | 20 | 0 | 16 |
| 3 | 1 | 38 | 49 | 1 | 37 | 59 | 0 | 24 |
| 4 | 2 | 11 | 46 | 2 | 10 | 39 | 0 | 32 |
| 5 | 2 | 44 | 42 | 2 | 43 | 19 | 0 | 40 |
| 6 | 3 | 17 | 39 | 3 | 15 | 58 | 0 | 48 |
| 7 | 3 | 50 | 35 | 3 | 48 | 38 | 0 | 56 |
| 8 | 4 | 23 | 32 | 4 | 21 | 18 | 1 | 4 |
| 9 | 4 | 56 | 28 | 4 | 53 | 58 | 1 | 12 |
| 10 | 5 | 29 | 25 | 5 | 26 | 37 | 1 | 19 |
| 11 | 6 | 2 | 21 | 5 | 59 | 17 | 1 | 27 |
| 12 | 6 | 35 | 18 | 6 | 31 | 57 | 1 | 35 |
| 13 | 7 | 8 | 14 | 7 | 4 | 37 | 1 | 43 |
| 14 | 7 | 41 | 10 | 7 | 37 | 16 | 1 | 51 |
| 15 | 8 | 14 | 7 | 8 | 9 | 56 | 1 | 59 |
| 16 | 8 | 47 | 3 | 8 | 42 | 36 | 2 | 7 |
| 17 | 9 | 20 | 0 | 9 | 15 | 16 | 2 | 15 |
| 18 | 9 | 52 | 56 | 9 | 47 | 55 | 2 | 23 |
| 19 | 10 | 25 | 53 | 10 | 20 | 35 | 2 | 31 |
| 20 | 10 | 58 | 49 | 10 | 53 | 15 | 2 | 39 |
| 21 | 11 | 31 | 46 | 11 | 25 | 55 | 2 | 47 |
| 22 | 12 | 4 | 42 | 11 | 58 | 34 | 2 | 55 |
| 23 | 12 | 37 | 38 | 12 | 31 | 14 | 3 | 3 |
| 24 | 13 | 10 | 35 | 13 | 3 | 54 | 3 | 11 |
| 25 | 13 | 43 | 31 | 13 | 36 | 24 | 3 | 19 |
| 26 | 14 | 16 | 28 | 14 | 9 | 13 | 3 | 27 |
| 27 | 14 | 49 | 24 | 14 | 41 | 53 | 3 | 35 |
| 28 | 15 | 22 | 21 | 15 | 14 | 33 | 3 | 45 |
| 29 | 15 | 55 | 17 | 15 | 47 | 13 | 3 | 51 |
| 30 | 16 | 28 | 14 | 16 | 19 | 52 | 3 | 58 |
| 31 | 17 | 1 | 10 | 16 | 52 | 32 | 4 | 6 |
| 32 | 17 | 34 | 7 | 17 | 25 | 12 | 4 | 14 |
| 33 | 18 | 7 | 3 | 17 | 57 | 52 | 4 | 22 |
| 34 | 18 | 40 | 0 | 18 | 30 | 31 | 4 | 30 |
| 35 | 19 | 12 | 56 | 19 | 3 | 11 | 4 | 38 |
| 36 | 19 | 45 | 53 | 19 | 35 | 51 | 4 | 46 |
| 37 | 20 | 18 | 49 | 20 | 8 | 31 | 4 | 54 |
| 38 | 20 | 51 | 45 | 20 | 41 | 10 | 5 | 2 |
| 39 | 21 | 24 | 42 | 21 | 13 | 50 | 5 | 10 |
| 40 | 21 | 57 | 38 | 21 | 46 | 30 | 5 | 18 |
| 41 | 22 | 30 | 35 | 22 | 19 | 10 | 5 | 26 |
| 42 | 23 | 3 | 31 | 22 | 51 | 49 | 5 | 34 |
| 43 | 23 | 36 | 28 | 23 | 24 | 29 | 5 | 42 |
| 44 | 24 | 9 | 24 | 23 | 57 | 9 | 5 | 50 |
| 45 | 24 | 42 | 21 | 24 | 29 | 49 | 5 | 58 |
| 46 | 25 | 15 | 17 | 25 | 2 | 28 | 6 | 6 |
| 47 | 25 | 48 | 14 | 25 | 35 | 8 | 6 | 14 |
| 48 | 26 | 21 | 10 | 26 | 7 | 48 | 6 | 22 |
| 49 | 26 | 54 | 7 | 26 | 48 | 28 | 6 | 29 |
| 50 | 27 | 27 | 3 | 27 | 13 | 7 | 6 | 37 |
| 51 | 27 | 59 | 59 | 27 | 45 | 47 | 6 | 45 |
| 52 | 28 | 32 | 56 | 28 | 18 | 27 | 6 | 53 |
| 53 | 29 | 5 | 52 | 28 | 51 | 7 | 7 | 1 |
| 54 | 29 | 38 | 49 | 29 | 23 | 46 | 7 | 9 |
| 55 | 30 | 11 | 45 | 29 | 56 | 26 | 7 | 17 |
| 56 | 30 | 44 | 42 | 30 | 29 | 6 | 7 | 25 |
| 57 | 31 | 17 | 38 | 31 | 1 | 46 | 7 | 33 |
| 58 | 31 | 50 | 35 | 31 | 34 | 25 | 7 | 41 |
| 59 | 32 | 23 | 31 | 32 | 7 | 5 | 7 | 49 |
| 60 | 32 | 56 | 28 | 32 | 39 | 45 | 7 | 57 |

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## TABVLA 42. *Aequationum Lunæ in Copulis, seu in ☌, ☍ & ☌.*

| Anom. | O. Subtr. | | | I. Subtr. | | | II. Subtr. | | | III. Subtr. | | | IV. Subtr. | | | V. Subtr. | | | Anom. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| G. | G. | I | II | G. | I | II | G. | I | II | G. | I | II | G. | I | II | G. | I | II | Gr. |
| 0 | 0 | 0 | 0 | 2 | 25 | 47 | 4 | 14 | 51 | 4 | 58 | 20 | 4 | 22 | 20 | 2 | 33 | 18 | 30 |
| 1 | 0 | 5 | 4 | 2 | 30 | 12 | 4 | 17 | 29 | 4 | 58 | 26 | 4 | 19 | 46 | 2 | 28 | 41 | 29 |
| 2 | 0 | 10 | 8 | 2 | 34 | 34 | 4 | 20 | 2 | 4 | 58 | 27 | 4 | 17 | 7 | 2 | 24 | 1 | 28 |
| 3 | 0 | 15 | 12 | 2 | 38 | 54 | 4 | 22 | 31 | 4 | 58 | 22 | 4 | 14 | 24 | 2 | 19 | 18 | 27 |
| 4 | 0 | 20 | 16 | 2 | 43 | 11 | 4 | 24 | 55 | 4 | 58 | 14 | 4 | 11 | 36 | 2 | 14 | 33 | 26 |
| 5 | 0 | 25 | 20 | 2 | 47 | 25 | 4 | 27 | 14 | 4 | 57 | 59 | 4 | 8 | 43 | 2 | 9 | 45 | 25 |
| 6 | 0 | 30 | 23 | 2 | 51 | 37 | 4 | 29 | 29 | 4 | 57 | 37 | 4 | 5 | 45 | 2 | 4 | 55 | 24 |
| 7 | 0 | 35 | 26 | 2 | 55 | 46 | 4 | 31 | 39 | 4 | 57 | 10 | 4 | 2 | 42 | 2 | 0 | 2 | 23 |
| 8 | 0 | 40 | 28 | 2 | 59 | 52 | 4 | 33 | 44 | 4 | 56 | 38 | 3 | 59 | 35 | 1 | 55 | 7 | 22 |
| 9 | 0 | 45 | 29 | 3 | 3 | 54 | 4 | 35 | 44 | 4 | 56 | 1 | 3 | 56 | 23 | 1 | 50 | 9 | 21 |
| 10 | 0 | 50 | 30 | 3 | 7 | 53 | 4 | 37 | 39 | 4 | 55 | 18 | 3 | 53 | 6 | 1 | 45 | 8 | 20 |
| 11 | 0 | 55 | 30 | 3 | 11 | 49 | 4 | 39 | 30 | 4 | 54 | 30 | 3 | 49 | 45 | 1 | 40 | 5 | 19 |
| 12 | 1 | 0 | 28 | 3 | 15 | 42 | 4 | 41 | 17 | 4 | 53 | 36 | 3 | 46 | 20 | 1 | 35 | 1 | 18 |
| 13 | 1 | 5 | 25 | 3 | 19 | 31 | 4 | 42 | 59 | 4 | 52 | 37 | 3 | 42 | 50 | 1 | 29 | 55 | 17 |
| 14 | 1 | 10 | 21 | 3 | 23 | 17 | 4 | 44 | 35 | 4 | 51 | 33 | 3 | 39 | 16 | 1 | 24 | 47 | 16 |
| 15 | 1 | 15 | 16 | 3 | 26 | 59 | 4 | 46 | 5 | 4 | 50 | 23 | 3 | 35 | 38 | 1 | 19 | 38 | 15 |
| 16 | 1 | 20 | 10 | 3 | 30 | 38 | 4 | 47 | 30 | 4 | 49 | 7 | 3 | 31 | 55 | 1 | 14 | 27 | 14 |
| 17 | 1 | 25 | 3 | 3 | 34 | 13 | 4 | 48 | 50 | 4 | 47 | 46 | 3 | 28 | 8 | 1 | 9 | 14 | 13 |
| 18 | 1 | 29 | 55 | 3 | 37 | 44 | 4 | 50 | 6 | 4 | 46 | 21 | 3 | 24 | 18 | 1 | 3 | 59 | 12 |
| 19 | 1 | 34 | 44 | 3 | 41 | 12 | 4 | 51 | 16 | 4 | 44 | 50 | 3 | 20 | 24 | 0 | 58 | 43 | 11 |
| 20 | 1 | 39 | 32 | 3 | 44 | 36 | 4 | 52 | 21 | 4 | 43 | 13 | 3 | 16 | 25 | 0 | 53 | 27 | 10 |
| 21 | 1 | 44 | 18 | 3 | 47 | 56 | 4 | 53 | 21 | 4 | 41 | 31 | 3 | 12 | 22 | 0 | 48 | 10 | 9 |
| 22 | 1 | 49 | 3 | 3 | 51 | 12 | 4 | 54 | 16 | 4 | 39 | 43 | 3 | 8 | 15 | 0 | 42 | 52 | 8 |
| 23 | 1 | 53 | 47 | 3 | 54 | 24 | 4 | 55 | 5 | 4 | 37 | 51 | 3 | 4 | 5 | 0 | 37 | 33 | 7 |
| 24 | 1 | 58 | 29 | 3 | 57 | 32 | 4 | 55 | 49 | 4 | 35 | 54 | 2 | 59 | 52 | 0 | 32 | 13 | 6 |
| 25 | 2 | 3 | 8 | 4 | 0 | 36 | 4 | 56 | 28 | 4 | 33 | 51 | 2 | 55 | 35 | 0 | 26 | 52 | 5 |
| 26 | 2 | 7 | 43 | 4 | 3 | 35 | 4 | 57 | 1 | 4 | 31 | 42 | 2 | 51 | 14 | 0 | 21 | 30 | 4 |
| 27 | 2 | 18 | 18 | 4 | 6 | 30 | 4 | 57 | 29 | 4 | 29 | 29 | 2 | 46 | 49 | 0 | 16 | 8 | 3 |
| 28 | 2 | 16 | 50 | 4 | 9 | 21 | 4 | 57 | 51 | 4 | 27 | 11 | 2 | 42 | 21 | 0 | 10 | 46 | 2 |
| 29 | 2 | 21 | 20 | 4 | 12 | 8 | 4 | 58 | 8 | 4 | 24 | 48 | 2 | 37 | 51 | 0 | 5 | 23 | 1 |
| 30 | 2 | 25 | 47 | 4 | 14 | 51 | 4 | 58 | 20 | 4 | 22 | 20 | 2 | 35 | 18 | 0 | 0 | 0 | 0 |
| | XI. Adde. | | | X. Adde. | | | IX. Adde. | | | VIII. Adde. | | | VII. Adde. | | | VI. Adde. | | | |

## TAB. 43. *Aequatio Nodi, & Latitudo Maxima Lunæ.*

SVBTRAHE.

| Distantia vera ☉ a ☌ | Sign. 0 vel 6 | | | | | | Sign. 1 vel 7 | | | | | | Sign. 2 vel 8 | | | | | | Distantia vera ☉ a ☌ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Æquat. ☊ | | | Lat. Max. | | | Æquat. ☊ | | | Lat. Max. | | | Æquat. ☊ | | | Lat. Max. | | | |
| Gr. | G. | I | II | G. | I | II | G. | I | II | G. | I | II | G. | I | II | G. | I | II | G. |
| 0 | 0 | 0 | 0 | 4 | 58 | 30 | 1 | 33 | 28 | 5 | 3 | 22 | 1 | 30 | 32 | 5 | 12 | 51 | 30 |
| 1 | 0 | 3 | 50 | 4 | 58 | 30 | 1 | 35 | 12 | 5 | 3 | 40 | 1 | 28 | 34 | 5 | 13 | 8 | 29 |
| 2 | 0 | 7 | 39 | 4 | 58 | 31 | 1 | 36 | 47 | 5 | 3 | 58 | 1 | 26 | 30 | 5 | 13 | 24 | 28 |
| 3 | 0 | 11 | 27 | 4 | 58 | 33 | 1 | 38 | 12 | 5 | 4 | 16 | 1 | 24 | 21 | 5 | 13 | 40 | 27 |
| 4 | 0 | 15 | 14 | 4 | 58 | 36 | 1 | 39 | 31 | 5 | 4 | 34 | 1 | 22 | 6 | 5 | 13 | 56 | 26 |
| 5 | 0 | 19 | 0 | 4 | 58 | 39 | 1 | 40 | 42 | 5 | 4 | 53 | 1 | 19 | 45 | 5 | 14 | 11 | 25 |
| 6 | 0 | 22 | 46 | 4 | 58 | 43 | 1 | 41 | 46 | 5 | 5 | 12 | 1 | 17 | 18 | 5 | 14 | 26 | 24 |
| 7 | 0 | 26 | 29 | 4 | 58 | 47 | 1 | 42 | 44 | 5 | 5 | 31 | 1 | 14 | 46 | 5 | 14 | 40 | 23 |
| 8 | 0 | 30 | 9 | 4 | 58 | 52 | 1 | 43 | 38 | 5 | 5 | 50 | 1 | 12 | 9 | 5 | 14 | 54 | 22 |
| 9 | 0 | 33 | 47 | 4 | 58 | 85 | 1 | 44 | 28 | 5 | 6 | 10 | 1 | 9 | 27 | 5 | 15 | 7 | 21 |
| 10 | 0 | 37 | 23 | 4 | 59 | 5 | 1 | 45 | 8 | 5 | 6 | 29 | 1 | 6 | 41 | 5 | 15 | 20 | 20 |
| 11 | 0 | 40 | 56 | 4 | 59 | 13 | 1 | 45 | 35 | 5 | 6 | 49 | 1 | 3 | 49 | 5 | 15 | 32 | 19 |
| 12 | 0 | 44 | 26 | 4 | 59 | 21 | 1 | 45 | 50 | 5 | 7 | 9 | 1 | 0 | 51 | 5 | 15 | 44 | 18 |
| 13 | 0 | 47 | 52 | 4 | 59 | 30 | 1 | 45 | 56 | 5 | 7 | 29 | 0 | 57 | 50 | 5 | 15 | 55 | 17 |
| 14 | 0 | 51 | 14 | 4 | 59 | 39 | 1 | 45 | 59 | 5 | 7 | 49 | 0 | 54 | 47 | 5 | 16 | 6 | 16 |
| 15 | 0 | 54 | 33 | 4 | 59 | 49 | 1 | 46 | 0 | 5 | 8 | 9 | 0 | 51 | 42 | 5 | 16 | 16 | 15 |
| 16 | 0 | 57 | 47 | 4 | 59 | 59 | 1 | 45 | 53 | 5 | 8 | 29 | 0 | 48 | 32 | 5 | 16 | 25 | 14 |
| 17 | 1 | 0 | 56 | 5 | 0 | 10 | 1 | 45 | 36 | 5 | 8 | 49 | 0 | 45 | 18 | 5 | 16 | 34 | 13 |
| 18 | 1 | 4 | 0 | 5 | 0 | 22 | 1 | 45 | 13 | 5 | 9 | 8 | 0 | 42 | 0 | 5 | 16 | 42 | 12 |
| 19 | 1 | 6 | 59 | 5 | 0 | 34 | 1 | 44 | 41 | 5 | 9 | 28 | 0 | 38 | 40 | 5 | 16 | 50 | 11 |
| 20 | 1 | 9 | 53 | 5 | 0 | 47 | 1 | 44 | 0 | 5 | 9 | 47 | 0 | 35 | 18 | 5 | 16 | 57 | 10 |
| 21 | 1 | 12 | 42 | 5 | 1 | 0 | 1 | 43 | 10 | 5 | 10 | 7 | 0 | 31 | 53 | 5 | 17 | 3 | 9 |
| 22 | 1 | 15 | 25 | 5 | 1 | 14 | 1 | 42 | 14 | 5 | 10 | 26 | 0 | 28 | 26 | 5 | 17 | 9 | 8 |
| 23 | 1 | 18 | 2 | 5 | 1 | 29 | 1 | 41 | 10 | 5 | 10 | 45 | 0 | 24 | 57 | 5 | 17 | 14 | 7 |
| 24 | 1 | 20 | 33 | 5 | 1 | 44 | 1 | 39 | 59 | 5 | 11 | 4 | 0 | 21 | 26 | 5 | 17 | 18 | 6 |
| 25 | 1 | 22 | 58 | 5 | 1 | 59 | 1 | 38 | 42 | 5 | 11 | 23 | 0 | 17 | 54 | 5 | 17 | 22 | 5 |
| 26 | 1 | 25 | 16 | 5 | 2 | 15 | 1 | 37 | 18 | 5 | 11 | 41 | 0 | 14 | 21 | 5 | 17 | 25 | 4 |
| 27 | 1 | 27 | 28 | 5 | 2 | 31 | 1 | 35 | 46 | 5 | 11 | 59 | 0 | 10 | 46 | 5 | 17 | 27 | 3 |
| 28 | 1 | 29 | 34 | 5 | 2 | 48 | 1 | 34 | 8 | 5 | 12 | 17 | 0 | 7 | 11 | 5 | 17 | 29 | 2 |
| 29 | 1 | 31 | 34 | 5 | 3 | 5 | 1 | 32 | 23 | 5 | 12 | 34 | 0 | 3 | 36 | 5 | 17 | 30 | 1 |
| 30 | 1 | 33 | 28 | 5 | 3 | 22 | 1 | 30 | 32 | 5 | 12 | 51 | 0 | 0 | 0 | 5 | 17 | 30 | 0 |
| | Sign. 11 vel 5 | | | | | | Sign. 10 vel 4 | | | | | | Sign. 9 vel 3 | | | | | | |

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# TABVLA 44. LATITVDINIS LVNAE.

| Arg. Latit. Gr. | Signa Argumenti. | | | O. Latit. Bor. | | | | | | VI. Latit. Austr. | | | | | | Arg. Latit. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Latitudinis Maximæ Termini. | | | | | | | | | | | | | | | |
| | G. 4 | 58 | | 5 | 0 | | 5 | 5 | | 5 | 10 | | 5 | 15 | | 5 | 18 | |
| G. | G. | I. | II | G. | I | II | G. | I | II | G. | I | II | G. | I | II | G. | I | II | |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 |
| 1 | 0 | 5 | 13 | 0 | 5 | 14 | 0 | 5 | 19 | 0 | 5 | 24 | 0 | 5 | 29 | 0 | 5 | 33 | 29 |
| 2 | 0 | 10 | 25 | 0 | 10 | 27 | 0 | 10 | 38 | 0 | 10 | 48 | 0 | 10 | 59 | 0 | 11 | 15 | 28 |
| 3 | 0 | 15 | 36 | 0 | 15 | 41 | 0 | 15 | 57 | 0 | 16 | 12 | 0 | 16 | 28 | 0 | 16 | 35 | 27 |
| 4 | 0 | 20 | 47 | 0 | 20 | 54 | 0 | 21 | 16 | 0 | 21 | 36 | 0 | 21 | 57 | 0 | 22 | 6 | 26 |
| 5 | 0 | 25 | 58 | 0 | 26 | 7 | 0 | 26 | 33 | 0 | 26 | 59 | 0 | 27 | 25 | 0 | 27 | 37 | 25 |
| 6 | 0 | 31 | 9 | 0 | 31 | 19 | 0 | 31 | 50 | 0 | 32 | 22 | 0 | 32 | 53 | 0 | 33 | 8 | 24 |
| 7 | 0 | 36 | 19 | 0 | 36 | 31 | 0 | 37 | 8 | 0 | 37 | 44 | 0 | 38 | 21 | 0 | 38 | 55 | 23 |
| 8 | 0 | 41 | 29 | 0 | 41 | 42 | 0 | 42 | 24 | 0 | 43 | 6 | 0 | 43 | 48 | 0 | 44 | 7 | 22 |
| 9 | 0 | 46 | 38 | 0 | 46 | 52 | 0 | 47 | 39 | 0 | 48 | 26 | 0 | 49 | 13 | 0 | 49 | 35 | 21 |
| 10 | 0 | 51 | 46 | 0 | 52 | 2 | 0 | 52 | 54 | 0 | 53 | 46 | 0 | 54 | 38 | 0 | 55 | 3 | 20 |
| 11 | 0 | 56 | 53 | 0 | 57 | 10 | 0 | 58 | 7 | 0 | 59 | 4 | 1 | 0 | 1 | 1 | 0 | 29 | 19 |
| 12 | 1 | 1 | 59 | 1 | 2 | 18 | 1 | 3 | 20 | 1 | 4 | 22 | 1 | 5 | 24 | 1 | 5 | 54 | 18 |
| 13 | 1 | 7 | 4 | 1 | 7 | 24 | 1 | 8 | 32 | 1 | 9 | 38 | 1 | 10 | 45 | 1 | 11 | 19 | 17 |
| 14 | 1 | 12 | 8 | 1 | 12 | 29 | 1 | 13 | 41 | 1 | 14 | 53 | 1 | 16 | 5 | 1 | 16 | 42 | 16 |
| 15 | 1 | 17 | 10 | 1 | 17 | 33 | 1 | 18 | 50 | 1 | 20 | 7 | 1 | 21 | 24 | 1 | 22 | 3 | 15 |
| 16 | 1 | 22 | 11 | 1 | 22 | 36 | 1 | 23 | 58 | 1 | 25 | 21 | 1 | 26 | 43 | 1 | 27 | 24 | 14 |
| 17 | 1 | 27 | 10 | 1 | 27 | 37 | 1 | 29 | 4 | 1 | 30 | 32 | 1 | 32 | 0 | 1 | 32 | 42 | 13 |
| 18 | 1 | 32 | 8 | 1 | 32 | 36 | 1 | 34 | 8 | 1 | 35 | 41 | 1 | 37 | 13 | 1 | 37 | 59 | 12 |
| 19 | 1 | 37 | 4 | 1 | 37 | 34 | 1 | 39 | 11 | 1 | 40 | 48 | 1 | 42 | 26 | 1 | 43 | 14 | 11 |
| 20 | 1 | 41 | 58 | 1 | 42 | 30 | 1 | 44 | 12 | 1 | 45 | 54 | 1 | 47 | 36 | 1 | 48 | 27 | 10 |
| 21 | 1 | 46 | 51 | 1 | 47 | 23 | 1 | 49 | 10 | 1 | 50 | 57 | 1 | 52 | 44 | 1 | 53 | 38 | 9 |
| 22 | 1 | 51 | 41 | 1 | 52 | 16 | 1 | 54 | 8 | 1 | 56 | 0 | 1 | 57 | 51 | 1 | 58 | 47 | 8 |
| 23 | 1 | 56 | 30 | 1 | 57 | 6 | 1 | 59 | 3 | 2 | 0 | 59 | 2 | 2 | 56 | 2 | 3 | 54 | 7 |
| 24 | 2 | 1 | 17 | 2 | 1 | 54 | 2 | 3 | 56 | 2 | 5 | 57 | 2 | 7 | 59 | 2 | 8 | 59 | 6 |
| 25 | 2 | 6 | 1 | 2 | 6 | 39 | 2 | 8 | 49 | 2 | 10 | 51 | 2 | 12 | 58 | 2 | 14 | 1 | 5 |
| 26 | 2 | 10 | 43 | 2 | 11 | 22 | 2 | 13 | 33 | 2 | 15 | 49 | 2 | 17 | 56 | 2 | 19 | 1 | 4 |
| 27 | 2 | 15 | 23 | 2 | 16 | 4 | 2 | 18 | 20 | 2 | 20 | 39 | 2 | 22 | 51 | 2 | 23 | 58 | 3 |
| 28 | 2 | 20 | 0 | 2 | 10 | 42 | 2 | 23 | 2 | 2 | 25 | 23 | 2 | 27 | 44 | 2 | 28 | 53 | 2 |
| 29 | 2 | 24 | 34 | 2 | 25 | 18 | 2 | 27 | 43 | 2 | 30 | 8 | 2 | 32 | 33 | 2 | 33 | 45 | 1 |
| 30 | 2 | 29 | 6 | 2 | 29 | 52 | 2 | 32 | 22 | 2 | 34 | 51 | 2 | 37 | 20 | 2 | 38 | 34 | 0 |
| G. | Signa Argum. | | | XI. Latit. Austr. | | | | | | V. Latit. Bor. | | | | | | G. |

| Arg. Latit. G. | Signa Argum. | | | I. Latitudo Bor. | | | | | | VII. Latit. Austr. | | | | | | Arg. Latit. G. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Latitudinis Maximæ Termini. | | | | | | | | | | | | | | | |
| | G. 4 | 58 | | 5 | 0 | | 5 | 5 | | 5 | 10 | | 5 | 15 | | 5 | 18 | |
| G. | G. | I | II | G. | I | II | G. | I | II | G. | I | II | G. | I | II | G. | I | II | G. |
| 0 | 2 | 29 | 6 | 2 | 29 | 52 | 2 | 32 | 22 | 2 | 34 | 51 | 2 | 37 | 20 | 2 | 38 | 34 | 30 |
| 1 | 2 | 33 | 36 | 2 | 34 | 23 | 2 | 36 | 57 | 2 | 39 | 31 | 2 | 42 | 5 | 2 | 43 | 21 | 29 |
| 2 | 2 | 38 | 3 | 2 | 38 | 50 | 2 | 41 | 19 | 2 | 44 | 7 | 2 | 46 | 46 | 2 | 48 | 5 | 28 |
| 3 | 2 | 42 | 26 | 2 | 43 | 15 | 2 | 45 | 58 | 2 | 48 | 41 | 2 | 51 | 24 | 2 | 52 | 44 | 27 |
| 4 | 2 | 46 | 46 | 2 | 47 | 37 | 2 | 50 | 25 | 2 | 53 | 12 | 2 | 56 | 0 | 2 | 57 | 21 | 26 |
| 5 | 2 | 51 | 4 | 2 | 51 | 56 | 2 | 54 | 47 | 2 | 57 | 39 | 3 | 0 | 30 | 3 | 1 | 55 | 25 |
| 6 | 2 | 55 | 19 | 2 | 56 | 12 | 2 | 59 | 8 | 3 | 2 | 4 | 3 | 5 | 0 | 3 | 6 | 26 | 24 |
| 7 | 2 | 59 | 30 | 3 | 0 | 24 | 3 | 3 | 24 | 3 | 6 | 24 | 3 | 9 | 24 | 3 | 10 | 53 | 23 |
| 8 | 3 | 3 | 38 | 3 | 4 | 33 | 3 | 7 | 37 | 3 | 10 | 41 | 3 | 13 | 45 | 3 | 15 | 17 | 22 |
| 9 | 3 | 7 | 43 | 3 | 8 | 39 | 3 | 11 | 47 | 3 | 14 | 56 | 3 | 18 | 4 | 3 | 19 | 38 | 21 |
| 10 | 3 | 11 | 44 | 3 | 12 | 42 | 3 | 15 | 54 | 3 | 19 | 7 | 3 | 22 | 20 | 3 | 23 | 55 | 20 |
| 11 | 3 | 15 | 42 | 3 | 16 | 41 | 3 | 19 | 57 | 3 | 23 | 13 | 3 | 26 | 29 | 3 | 28 | 8 | 19 |
| 12 | 3 | 19 | 36 | 3 | 20 | 36 | 3 | 23 | 56 | 3 | 27 | 16 | 3 | 30 | 36 | 3 | 32 | 17 | 18 |
| 13 | 3 | 23 | 26 | 3 | 24 | 28 | 3 | 27 | 52 | 3 | 31 | 16 | 3 | 34 | 40 | 3 | 36 | 22 | 17 |
| 14 | 3 | 27 | 13 | 3 | 28 | 16 | 3 | 31 | 44 | 3 | 35 | 12 | 3 | 38 | 40 | 3 | 40 | 23 | 16 |
| 15 | 3 | 30 | 56 | 3 | 32 | 0 | 3 | 35 | 31 | 3 | 39 | 3 | 3 | 42 | 34 | 3 | 44 | 20 | 15 |
| 16 | 3 | 34 | 35 | 3 | 35 | 40 | 3 | 39 | 16 | 3 | 42 | 51 | 3 | 46 | 27 | 3 | 48 | 13 | 14 |
| 17 | 3 | 38 | 10 | 3 | 39 | 17 | 3 | 42 | 56 | 3 | 46 | 35 | 3 | 50 | 14 | 3 | 52 | 2 | 13 |
| 18 | 3 | 41 | 42 | 3 | 42 | 49 | 3 | 46 | 32 | 3 | 50 | 14 | 3 | 53 | 56 | 3 | 55 | 47 | 12 |
| 19 | 3 | 45 | 7 | 3 | 46 | 18 | 3 | 50 | 4 | 3 | 53 | 50 | 3 | 57 | 36 | 3 | 59 | 25 | 11 |
| 20 | 3 | 48 | 30 | 3 | 49 | 43 | 3 | 53 | 33 | 3 | 57 | 22 | 4 | 1 | 12 | 4 | 3 | 1 | 10 |
| 21 | 3 | 51 | 52 | 3 | 53 | 2 | 3 | 56 | 55 | 4 | 0 | 47 | 4 | 4 | 40 | 4 | 6 | 36 | 9 |
| 22 | 3 | 55 | 9 | 3 | 56 | 18 | 4 | 0 | 14 | 4 | 4 | 10 | 4 | 8 | 6 | 4 | 10 | 6 | 8 |
| 23 | 3 | 58 | 19 | 3 | 59 | 29 | 4 | 3 | 28 | 4 | 7 | 27 | 4 | 11 | 26 | 4 | 13 | 28 | 7 |
| 24 | 4 | 1 | 23 | 4 | 2 | 36 | 4 | 6 | 38 | 4 | 10 | 40 | 4 | 14 | 42 | 4 | 16 | 44 | 6 |
| 25 | 4 | 4 | 24 | 4 | 5 | 39 | 4 | 9 | 44 | 4 | 13 | 50 | 4 | 17 | 56 | 4 | 19 | 56 | 5 |
| 26 | 4 | 7 | 21 | 4 | 8 | 37 | 4 | 12 | 45 | 4 | 16 | 53 | 4 | 21 | 1 | 4 | 23 | 4 | 4 |
| 27 | 4 | 10 | 15 | 4 | 11 | 30 | 4 | 15 | 41 | 4 | 19 | 52 | 4 | 24 | 3 | 4 | 26 | 9 | 3 |
| 28 | 4 | 13 | 5 | 4 | 14 | 19 | 4 | 18 | 33 | 4 | 22 | 47 | 4 | 27 | 1 | 4 | 29 | 10 | 2 |
| 29 | 4 | 15 | 49 | 4 | 17 | 3 | 4 | 21 | 19 | 5 | 25 | 36 | 4 | 29 | 52 | 4 | 32 | 4 | 1 |
| 30 | 4 | 18 | 26 | 4 | 19 | 43 | 4 | 24 | 3 | 4 | 28 | 22 | 4 | 32 | 42 | 4 | 34 | 51 | 0 |
| | Signa Argum. | | | X. Latit. Austr. | | | | | | IV. Latit. Bor. | | | | | | |

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## TABVLA 44. Residuum.

| Arg. Latit. | Signa Argum. | | | II. Latitudo Bor. | | | | | | VIII. Latit. Austr. | | | | | | Arg. Latit. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Latitudinis Maximæ Termini. | | | | | | | | | | | | | | | |
| | G. 5 | | 58 | 5 | | 0 | 5 | | 5 | 5 | | 10 | 5 | | 15 | 5 | | 18 | |
| G. | G. | I | II | G. | I | II | G. | I | II | G. | I | II | G. | I | II | G. | I | II | G. |
| 0 | 4 | 18 | 26 | 4 | 19 | 43 | 4 | 24 | 3 | 4 | 28 | 22 | 4 | 32 | 42 | 4 | 34 | 51 | 30 |
| 1 | 4 | 20 | 59 | 4 | 22 | 18 | 4 | 26 | 40 | 4 | 31 | 3 | 4 | 35 | 25 | 4 | 37 | 34 | 29 |
| 2 | 4 | 23 | 28 | 4 | 24 | 49 | 4 | 29 | 14 | 4 | 33 | 38 | 4 | 38 | 3 | 4 | 40 | 13 | 28 |
| 3 | 4 | 25 | 53 | 4 | 27 | 14 | 4 | 31 | 41 | 4 | 36 | 8 | 4 | 40 | 35 | 4 | 42 | 48 | 27 |
| 4 | 4 | 28 | 13 | 4 | 29 | 34 | 4 | 34 | 3 | 4 | 38 | 33 | 4 | 43 | 3 | 4 | 45 | 17 | 26 |
| 5 | 4 | 30 | 28 | 4 | 31 | 49 | 4 | 36 | 20 | 4 | 40 | 52 | 4 | 45 | 24 | 4 | 47 | 40 | 25 |
| 6 | 4 | 32 | 38 | 4 | 34 | 0 | 4 | 38 | 34 | 4 | 43 | 8 | 4 | 47 | 42 | 4 | 49 | 58 | 24 |
| 7 | 4 | 34 | 43 | 4 | 36 | 6 | 4 | 40 | 42 | 4 | 45 | 18 | 4 | 49 | 54 | 4 | 52 | 11 | 23 |
| 8 | 4 | 36 | 43 | 4 | 38 | 6 | 4 | 42 | 44 | 4 | 47 | 22 | 4 | 52 | 0 | 4 | 54 | 19 | 22 |
| 9 | 4 | 38 | 38 | 4 | 40 | 2 | 4 | 44 | 42 | 4 | 49 | 22 | 4 | 54 | 2 | 4 | 56 | 21 | 21 |
| 10 | 4 | 40 | 27 | 4 | 41 | 52 | 4 | 46 | 33 | 4 | 51 | 15 | 4 | 55 | 57 | 4 | 58 | 18 | 20 |
| 11 | 4 | 42 | 11 | 4 | 43 | 37 | 4 | 48 | 20 | 4 | 53 | 4 | 4 | 57 | 47 | 5 | 0 | 9 | 19 |
| 12 | 4 | 43 | 50 | 4 | 45 | 17 | 4 | 50 | 2 | 4 | 54 | 47 | 4 | 59 | 32 | 5 | 2 | 55 | 18 |
| 13 | 4 | 45 | 23 | 4 | 46 | 52 | 4 | 51 | 39 | 4 | 56 | 25 | 5 | 1 | 11 | 5 | 3 | 35 | 17 |
| 14 | 4 | 46 | 52 | 4 | 48 | 21 | 4 | 53 | 10 | 4 | 57 | 58 | 5 | 2 | 47 | 5 | 5 | 19 | 16 |
| 15 | 4 | 48 | 18 | 4 | 49 | 45 | 4 | 54 | 35 | 4 | 59 | 24 | 5 | 4 | 14 | 5 | 6 | 41 | 15 |
| 16 | 4 | 49 | 35 | 4 | 51 | 4 | 4 | 55 | 55 | 5 | 0 | 46 | 5 | 5 | 37 | 5 | 8 | 2 | 14 |
| 17 | 4 | 50 | 49 | 4 | 52 | 18 | 4 | 57 | 10 | 5 | 2 | 2 | 5 | 6 | 54 | 5 | 9 | 20 | 13 |
| 18 | 4 | 51 | 58 | 4 | 53 | 25 | 4 | 58 | 18 | 5 | 3 | 12 | 5 | 8 | 6 | 5 | 10 | 32 | 12 |
| 19 | 4 | 53 | 0 | 4 | 54 | 29 | 4 | 59 | 23 | 5 | 4 | 18 | 5 | 9 | 12 | 5 | 11 | 38 | 11 |
| 20 | 4 | 53 | 57 | 4 | 55 | 26 | 5 | 0 | 21 | 5 | 5 | 17 | 5 | 10 | 12 | 5 | 12 | 39 | 10 |
| 21 | 4 | 54 | 49 | 4 | 56 | 18 | 5 | 1 | 14 | 5 | 6 | 10 | 5 | 11 | 6 | 5 | 13 | 34 | 9 |
| 22 | 4 | 55 | 36 | 4 | 57 | 4 | 5 | 2 | 1 | 5 | 6 | 58 | 5 | 11 | 55 | 5 | 14 | 24 | 8 |
| 23 | 4 | 56 | 17 | 4 | 57 | 45 | 5 | 2 | 42 | 5 | 7 | 40 | 5 | 12 | 37 | 5 | 15 | 8 | 7 |
| 24 | 4 | 56 | 52 | 4 | 58 | 22 | 5 | 3 | 20 | 5 | 8 | 18 | 5 | 13 | 17 | 5 | 15 | 45 | 6 |
| 25 | 4 | 57 | 22 | 4 | 58 | 51 | 5 | 3 | 50 | 5 | 8 | 49 | 5 | 13 | 48 | 5 | 16 | 17 | 5 |
| 26 | 4 | 57 | 46 | 4 | 59 | 16 | 5 | 4 | 15 | 5 | 9 | 14 | 5 | 14 | 13 | 5 | 16 | 42 | 4 |
| 27 | 4 | 58 | 5 | 4 | 59 | 35 | 5 | 4 | 34 | 5 | 9 | 34 | 5 | 14 | 33 | 5 | 17 | 2 | 3 |
| 28 | 4 | 58 | 18 | 4 | 59 | 49 | 5 | 4 | 49 | 5 | 9 | 49 | 5 | 14 | 49 | 5 | 17 | 16 | 2 |
| 29 | 4 | 58 | 26 | 4 | 59 | 57 | 5 | 4 | 57 | 5 | 9 | 57 | 5 | 14 | 57 | 5 | 17 | 25 | 1 |
| 30 | 4 | 58 | 30 | 5 | 0 | 0 | 5 | 5 | 0 | 5 | 10 | 0 | 5 | 15 | 0 | 5 | 17 | 30 | 0 |
| G. | Signa Argum. | | | IX. Latit. Austr. | | | | | | III. Latit. Bor. | | | | | | G. |

## TAB. 45. Reductio loci veri ☉ ad Ecliptica.

| Argum. | Sig. 0 | | 1 | | 2 | | Argum. |
|---|---|---|---|---|---|---|---|
| | 6 | | 7 | | 8 | | |
| | Subtrahe. | | | | | | |
| G | I | II | I | II | I | II | G. |
| 0 | 0 | 0 | 6 | 6 | 6 | 5 | 30 |
| 1 | 0 | 15 | 6 | 12 | 5 | 54 | 29 |
| 2 | 0 | 30 | 6 | 18 | 5 | 48 | 28 |
| 3 | 0 | 45 | 6 | 24 | 5 | 39 | 27 |
| 4 | 0 | 59 | 6 | 29 | 5 | 30 | 26 |
| 5 | 1 | 13 | 6 | 35 | 5 | 21 | 25 |
| 6 | 1 | 27 | 6 | 40 | 5 | 12 | 24 |
| 7 | 1 | 42 | 6 | 44 | 5 | 1 | 23 |
| 8 | 1 | 56 | 6 | 47 | 4 | 51 | 22 |
| 9 | 2 | 10 | 6 | 51 | 4 | 40 | 21 |
| 10 | 2 | 24 | 6 | 54 | 4 | 29 | 20 |
| 11 | 2 | 38 | 6 | 56 | 4 | 18 | 19 |
| 12 | 2 | 52 | 6 | 57 | 4 | 7 | 18 |
| 13 | 3 | 6 | 6 | 58 | 3 | 55 | 17 |
| 14 | 3 | 19 | 6 | 59 | 3 | 42 | 16 |
| 15 | 3 | 32 | 7 | 0 | 3 | 31 | 15 |
| 16 | 3 | 43 | 6 | 59 | 3 | 18 | 14 |
| 17 | 3 | 56 | 6 | 58 | 3 | 5 | 13 |
| 18 | 4 | 8 | 6 | 57 | 2 | 51 | 12 |
| 19 | 4 | 19 | 6 | 56 | 2 | 38 | 11 |
| 20 | 4 | 30 | 6 | 54 | 2 | 23 | 10 |
| 21 | 4 | 41 | 6 | 51 | 2 | 9 | 9 |
| 22 | 4 | 52 | 6 | 47 | 1 | 55 | 8 |
| 23 | 5 | 2 | 6 | 44 | 1 | 41 | 7 |
| 24 | 5 | 12 | 6 | 40 | 1 | 26 | 6 |
| 25 | 5 | 22 | 6 | 35 | 1 | 12 | 5 |
| 26 | 5 | 31 | 6 | 28 | 0 | 58 | 4 |
| 27 | 5 | 40 | 6 | 23 | 0 | 45 | 3 |
| 28 | 5 | 49 | 6 | 17 | 0 | 30 | 2 |
| 29 | 5 | 58 | 6 | 11 | 0 | 15 | 1 |
| 30 | 6 | 6 | 6 | 5 | 0 | 0 | 0 |
| Latitud. | Adde. | | | | | | Latitud. |
| | 11 | | 10 | | 9 | | |
| | 5 | | 4 | | 3 | | |

## TAB. 46. Eclipsium Critica.

| Argum. Latitud. | | Latitudo Vera ☉ | | | Arcus verus inter cẽtra. | | | Arc. inter momẽta. | | Tempus addendũ | | Argum. Latitud. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sig. | G. | G. | I | II | G. | I | II | I | II | I | II | G. | Sign. |
| Sign. 0 Latit. Bor. Descend. Sign. 6 Latit. Austr. Ascend. | 1 | 0 | 5 | 14 | 0 | 5 | 13 | 0 | 15 | 0 | 28 | 29 | Sign. 5 Latit. Austr. Descend. Sign. 11 Latit. Bor. Ascend. |
| | 2 | 0 | 10 | 27 | 0 | 10 | 25 | 0 | 30 | 0 | 56 | 28 | |
| | 3 | 0 | 15 | 41 | 0 | 15 | 39 | 0 | 45 | 1 | 24 | 27 | |
| | 4 | 0 | 20 | 54 | 0 | 20 | 52 | 0 | 59 | 1 | 51 | 26 | |
| | 5 | 0 | 26 | 7 | 0 | 26 | 5 | 1 | 13 | 2 | 16 | 25 | |
| | 6 | 0 | 31 | 19 | 0 | 31 | 16 | 1 | 27 | 2 | 42 | 24 | |
| | 7 | 0 | 36 | 31 | 0 | 36 | 28 | 1 | 42 | 3 | 9 | 23 | |
| | 8 | 0 | 41 | 42 | 0 | 41 | 39 | 1 | 56 | 3 | 34 | 22 | |
| | 9 | 0 | 46 | 52 | 0 | 46 | 49 | 2 | 10 | 3 | 59 | 21 | |
| | 10 | 0 | 52 | 2 | 0 | 51 | 59 | 2 | 24 | 4 | 24 | 20 | |
| | 11 | 0 | 57 | 10 | 0 | 57 | 6 | 2 | 38 | 4 | 49 | 19 | |
| | 12 | 1 | 2 | 18 | 1 | 2 | 13 | 2 | 52 | 5 | 14 | 18 | |
| | 13 | 1 | 7 | 24 | 1 | 7 | 18 | 3 | 6 | 5 | 39 | 17 | |
| | 14 | 1 | 12 | 29 | 1 | 12 | 22 | 3 | 19 | 6 | 3 | 16 | |
| | 15 | 1 | 17 | 33 | 1 | 17 | 25 | 3 | 32 | 6 | 27 | 15 | |
| | 16 | 1 | 22 | 36 | 1 | 22 | 27 | 3 | 44 | 6 | 49 | 14 | |
| | 17 | 1 | 27 | 37 | 1 | 27 | 27 | 3 | 56 | 7 | 11 | 13 | |
| | 18 | 1 | 32 | 36 | 1 | 32 | 26 | 4 | 8 | 7 | 33 | 12 | |

TAB. 47.

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TAB. 47. *Æquatio Vltima ☽ composita ex Eccentricitate Centri, & Variatione.*

SIGNVM ♌ DISTANTIÆ ☽ A ☉, VEL EIVS ☍ AD □.

| Dist. Gr. / Anom. Sig. G. | 3 Subt. G. I | 6 Subt. G. I | 9 Subt. G. I | 12 Subt. G. I | 15 Subt. G. I | 18 Subt. G. I | 21 Subt. G. I | 24 Subt. G. I | 27 Subt. G. I | 30 Subt. G. I | Gr. Dist. / Anom. G. Sig. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| ♑ 0 | 0 3 | 0 7 | 0 10 | 13 | 0 16 | 0 19 | 0 21 | 0 23 | 0 25 | 0 27 | 30 |
| 6 | 0 3 | 7 | 10 | 13 | 17 | 20 | 23 | 26 | 28 | 31 | 24 |
| 12 | 0 3 | 7 | 10 | 14 | 17 | 21 | 24 | 28 | 31 | 34 | 18 |
| 18 | 0 3 | 6 | 10 | 14 | 17 | 21 | 25 | 29 | 32 | 36 | 12 |
| 24 | 0 3 | 6 | 9 | 13 | 17 | 21 | 25 | 29 | 33 | 37 | 6 |
| 30 | 0 3 | 0 5 | 0 9 | 0 12 | 0 16 | 0 20 | 0 25 | 0 29 | 0 33 | 0 38 | 0 11 |
| 1 6 | 0 2 | 0 5 | 0 8 | 0 11 | 0 15 | 0 19 | 0 24 | 0 28 | 0 33 | 38 | 24 |
| 12 | 0 2 | 4 | 7 | 10 | 13 | 18 | 22 | 27 | 32 | 37 | 18 |
| 18 | 0 1 | 3 | 5 | 8 | 12 | 16 | 20 | 25 | 30 | 35 | 12 |
| 24 | 0 1 | 2 | 4 | 6 | 9 | 13 | 17 | 22 | 27 | 33 | 6 |
| 30 | 0 A. 0 | 0 1 | 2 | 0 4 | 0 7 | 0 10 | 0 14 | 0 19 | 0 24 | 0 29 | 0 10 |
| 2 6 | 0 1 | 0 A. 1 | 0 A. 0 | 0 2 | 0 4 | 0 7 | 0 11 | 0 15 | 0 20 | 0 25 | 24 |
| 12 | 0 1 | 0 2 | 2 | 0 A. 1 | 1 | 3 | 7 | 11 | 15 | 21 | 18 |
| 18 | 0 2 | 0 3 | 4 | 4 | 0 A. 2 | 0 A. 1 | 2 | 6 | 10 | 15 | 12 |
| 24 | 0 3 | 5 | 6 | 7 | 6 | 5 | 0 A. 3 | 1 | 5 | 10 | 6 |
| 30 | 0 4 | 0 7 | 0 9 | 0 10 | 0 10 | 0 9 | 8 | 0 A. 5 | 0 A. 1 | 0 3 | 0 9 |
| 3 6 | 0 5 | 0 8 | 0 11 | 0 13 | 0 14 | 0 14 | 0 13 | 0 11 | 0 8 | 0 A. 4 | 24 |
| 12 | 0 5 | 10 | 14 | 16 | 18 | 19 | 18 | 17 | 15 | 11 | 18 |
| 18 | 0 6 | 12 | 16 | 20 | 22 | 24 | 24 | 24 | 22 | 19 | 12 |
| 24 | 0 7 | 13 | 19 | 23 | 26 | 29 | 30 | 30 | 29 | 27 | 6 |
| 30 | 0 8 | 0 15 | 0 21 | 0 26 | 0 30 | 0 34 | 0 36 | 0 37 | 0 36 | 0 35 | 0 8 |
| 4 6 | 0 9 | 0 16 | 0 23 | 0 29 | 0 34 | 0 38 | 0 41 | 0 43 | 0 44 | 0 43 | 24 |
| 12 | 0 9 | 18 | 25 | 32 | 38 | 43 | 47 | 50 | 51 | 51 | 18 |
| 18 | 0 10 | 19 | 27 | 35 | 42 | 48 | 52 | 0 56 | 58 | 59 | 12 |
| 24 | 0 10 | 20 | 29 | 38 | 45 | 52 | 57 | 1 2 | 1 5 | 1 7 | 6 |
| 30 | 0 11 | 0 21 | 0 31 | 0 40 | 0 48 | 0 56 | 1 2 | 1 7 | 1 11 | 1 14 | 0 7 |
| 5 6 | 0 11 | 0 22 | 0 33 | 0 42 | 0 51 | 0 59 | 1 6 | 1 12 | 1 17 | 1 21 | 24 |
| 12 | 0 12 | 23 | 34 | 44 | 54 | 2 | 1 10 | 17 | 1 23 | 27 | 18 |
| 18 | 0 12 | 24 | 35 | 46 | 56 | 5 | 1 14 | 21 | 28 | 33 | 12 |
| 24 | 0 12 | 24 | 36 | 47 | 57 | 7 | 1 17 | 25 | 32 | 38 | 6 |
| 30 | 0 12 | 24 | 0 36 | 0 48 | 0 59 | 0 9 | 1 19 | 1 28 | 1 36 | 1 42 | 0 6 |
| | Subt. | Subt. | Subt. | Subt. | Subt. | Subt. | Subt. | Subt. | Subt. | Subt. | |
| Gr. | 27 | 24 | 21 | 18 | 15 | 12 | 9 | 6 | 3 | 0 | Gr. |

Anomalia primò Æquata.

SIGNA ♑ DISTANTIÆ ☽ A ☉ A □ AD ♂, VEL ☍.

Supra Scalam Additur Ascendendo, infra verò Descendendo.

SIGNVM ♌ DISTANTIÆ ☽ A ☉ A ♂, VEL EIVS ☍ AD □.

| Dist. Gr. / Anom. Sig. G. | 3 Adde G. I | 6 Adde G. I | 9 Adde G. I | 12 Adde G. I | 15 Adde G. I | 18 Adde G. I | 21 Adde G. I | 24 Adde G. I | 27 Adde G. I | 30 Adde G. I | Dist. Gr. / Anom. G. Sig. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 6 0 | 0 12 | 0 24 | 0 36 | 0 48 | 0 59 | 1 9 | 1 19 | 1 28 | 1 36 | 1 42 | 30 |
| 6 | 12 | 24 | 36 | 48 | 1 0 | 1 10 | 20 | 30 | 38 | 46 | 24 |
| 12 | 12 | 24 | 36 | 48 | 1 0 | 1 11 | 22 | 32 | 40 | 49 | 18 |
| 18 | 12 | 24 | 36 | 48 | 1 0 | 1 11 | 1 22 | 32 | 42 | 51 | 12 |
| 24 | 12 | 24 | 36 | 48 | 59 | 11 | 22 | 33 | 42 | 52 | 6 |
| 30 | 0 11 | 0 23 | 0 35 | 0 47 | 58 | 10 | 21 | 32 | 42 | 1 52 | 0 5 |
| 7 6 | 0 11 | 0 22 | 0 34 | 0 45 | 0 57 | 1 9 | 1 20 | 1 31 | 1 41 | 1 51 | 24 |
| 12 | 10 | 21 | 32 | 44 | 55 | 7 | 18 | 29 | 39 | 49 | 18 |
| 18 | 10 | 20 | 31 | 42 | 53 | 4 | 15 | 26 | 37 | 47 | 12 |
| 24 | 9 | 0 19 | 29 | 40 | 50 | 1 1 | 1 12 | 23 | 34 | 44 | 6 |
| 30 | 0 8 | 0 18 | 0 27 | 0 37 | 0 48 | 58 | 9 | 19 | 30 | 40 | 0 4 |
| 8 6 | 0 8 | 0 16 | 0 25 | 0 35 | 0 44 | 0 55 | 5 | 1 15 | 1 25 | 1 35 | 24 |
| 12 | 7 | 15 | 23 | 32 | 41 | 51 | 1 1 | 11 | 20 | 30 | 18 |
| 18 | 6 | 13 | 21 | 29 | 38 | 47 | 0 56 | 6 | 14 | 24 | 12 |
| 24 | 5 | 12 | 18 | 26 | 34 | 42 | 51 | 1 0 | 9 | 18 | 6 |
| 30 | 0 4 | 0 10 | 0 16 | 0 23 | 0 30 | 0 38 | 0 46 | 0 54 | 1 3 | 1 12 | 0 3 |
| 9 6 | 0 4 | 0 8 | 0 14 | 0 20 | 0 26 | 0 33 | 0 41 | 0 48 | 0 57 | 1 5 | 24 |
| 12 | 3 | 7 | 11 | 16 | 22 | 29 | 35 | 42 | 50 | 58 | 18 |
| 18 | 2 | 5 | 9 | 13 | 18 | 24 | 30 | 36 | 43 | 0 50 | 12 |
| 24 | 1 | 4 | 6 | 10 | 14 | 19 | 24 | 30 | 36 | 43 | 6 |
| 30 | 0 1 | 0 2 | 0 4 | 0 7 | 0 10 | 14 | 0 19 | 0 24 | 29 | 35 | 0 2 |
| 10 6 | 0 1 | 0 1 | 0 2 | 0 4 | 7 | 0 10 | 0 14 | 0 18 | 0 23 | 0 28 | 24 |
| 12 | 0 S. 0 | 0 S. 0 | 0 S. 0 | 1 | 3 | 6 | 9 | 12 | 16 | 20 | 18 |
| 18 | 0 1 | 2 | 2 | 0 S. 1 | 0 S. 0 | 0 1 | 4 | 6 | 9 | 13 | 12 |
| 24 | 2 | 3 | 3 | 4 | 3 | 0 S. 2 | 0 S. 1 | 0 | 3 | 0 6 | 6 |
| 30 | 0 2 | 0 4 | 0 5 | 0 6 | 0 6 | 6 | 5 | 0 S. 4 | 0 S. 3 | 0 S. 1 | 0 1 |
| 11 6 | 0 2 | 0 5 | 0 6 | 0 8 | 0 9 | 0 9 | 9 | 0 9 | 0 8 | 0 7 | 24 |
| 12 | 3 | 5 | 8 | 9 | 11 | 12 | 13 | 13 | 13 | 13 | 18 |
| 18 | 3 | 6 | 9 | 11 | 13 | 15 | 16 | 17 | 18 | 18 | 12 |
| 24 | 3 | 6 | 9 | 12 | 15 | 17 | 19 | 21 | 20 | 25 | 6 |
| 30 | 0 3 | 0 7 | 0 10 | 13 | 0 16 | 0 19 | 21 | 0 23 | 0 25 | 0 26 | 0 0 |
| | Adde. | Adde. | Adde. | Adde. | Adde. | Adde. | Adde. | Adde. | Adde. | Adde. | |
| Gr. | 27 | 24 | 21 | 18 | 15 | 12 | 9 | 6 | 3 | 0 | Gr. |

Anomalia primò Æquata.

SIGNA ♑ DIST. ☽ A ☉ A □ AD ♂, VEL ☍.

Supra Scalam Subtrahitur Ascendendo, infra autem Descendendo.



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*Residuum TABVLA 47. Aequationis ☽ Vltima.*

## SIGNVM I. DISTANTIÆ ☽ A ☉, VEL EIVS ☌ AD □.

| Gr. Dist. Anom. Sig. | G. | 0 Subt. G. | ′ | 3 Subt. G. | ′ | 6 Subt. G. | ′ | 9 Subt. G. | ′ | 12 Subt. G. | ′ | 15 Subt. G. | ′ | 18 Subt. G. | ′ | 21 Subt. G. | ′ | 24 Subt. G. | ′ | 27 Subt. G. | ′ | 30 Subt. G. | ′ | Gr. Dist. Anom. G. | Sig. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ♋ | 0 | 0 | 27 | 0 | 29 | 0 | 30 | 0 | 30 | 0 | 31 | 0 | 31 | 0 | 30 | 0 | 30 | 0 | 29 | 0 | 27 | 0 | 26 | 30 | |
| | 6 | | 31 | | 33 | | 35 | | 36 | | 37 | | 38 | | 38 | | 38 | | 38 | | 37 | | 37 | 24 | |
| | 12 | | 34 | | 36 | | 39 | | 41 | | 43 | | 44 | | 46 | | 46 | | 47 | | 47 | | 47 | 18 | |
| | 18 | | 36 | | 39 | | 42 | | 45 | | 48 | | 50 | | 52 | | 54 | | 55 | | 56 | | 56 | 12 | |
| | 24 | | 37 | | 41 | | 45 | | 48 | | 52 | | 55 | | 57 | 1 | 0 | 1 | 2 | 1 | 4 | 1 | 5 | 6 | |
| | 30 | | 38 | 0 | 42 | 0 | 47 | 0 | 52 | | 55 | 0 | 58 | 1 | 2 | 1 | 5 | 1 | 8 | 1 | 10 | 1 | 12 | 0 | 11 |
| 1 | 6 | 0 | 38 | 0 | 42 | 0 | 47 | 0 | 50 | 0 | 57 | 1 | 1 | 1 | 5 | | 9 | 1 | 13 | 1 | 16 | 1 | 19 | 24 | |
| | 12 | | 37 | | 42 | | 47 | | 52 | | 58 | | 3 | | 7 | | 12 | | 16 | | 20 | | 24 | 18 | |
| | 18 | | 35 | | 40 | | 46 | | 52 | | 57 | | 3 | | 9 | | 14 | | 19 | | 24 | | 28 | 12 | |
| | 24 | | 33 | | 38 | | 44 | | 50 | | 56 | | 3 | | 9 | | 14 | | 20 | | 26 | | 31 | 6 | |
| | 30 | | 29 | 0 | 35 | 0 | 41 | 0 | 48 | 0 | 54 | 1 | 1 | | 7 | | 14 | | 20 | 1 | 26 | 1 | 32 | 0 | 10 |
| 2 | 6 | | 25 | 0 | 31 | 0 | 38 | 0 | 44 | | 51 | 0 | 58 | | 5 | 1 | 12 | | 19 | | 26 | 1 | 32 | 24 | |
| | 12 | | 21 | | 27 | | 33 | | 40 | | 47 | | 54 | 1 | 0 | 1 | 9 | 1 | 17 | | 24 | | 31 | 18 | |
| | 18 | | 15 | | 21 | | 27 | | 34 | | 41 | | 49 | 0 | 57 | 1 | 5 | | 13 | | 21 | | 29 | 12 | |
| | 24 | | 10 | | 15 | | 21 | | 28 | | 35 | | 43 | | 51 | 0 | 59 | | 7 | | 16 | | 24 | 6 | |
| | 30 | 0 | A. 3 | | 8 | 0 | 14 | | 21 | | 28 | | 36 | | 44 | 0 | 52 | 1 | 1 | 1 | 10 | 1 | 19 | 0 | 9 |
| 3 | 6 | 0 | 4 | | 1 | 0 | 6 | | 13 | | 20 | | 28 | | 36 | 0 | 44 | 0 | 54 | 1 | 3 | 1 | 12 | 24 | |
| | 12 | | 11 | 0 | A. 7 | 0 | A. 2 | | 4 | | 11 | | 19 | | 27 | | 36 | | 45 | 0 | 55 | 1 | 4 | 18 | |
| | 18 | | 19 | | 15 | | 10 | 0 | A. 5 | | 2 | | 9 | | 17 | | 26 | | 35 | | 45 | 0 | 55 | 12 | |
| | 24 | | 27 | | 24 | | 20 | | 14 | 0 | A. 8 | 0 | A. 1 | | 7 | | 15 | | 25 | | 34 | | 44 | 6 | |
| | 30 | | 35 | | 33 | | 29 | | 24 | 0 | 19 | | 12 | 0 | A. 4 | | 4 | | 13 | | 23 | | 33 | 0 | 8 |
| 4 | 6 | 0 | 43 | 0 | 41 | 0 | 38 | 0 | 34 | | 29 | | 23 | 0 | 16 | 0 | A. 8 | 0 | 1 | 0 | 11 | 0 | 20 | 24 | |
| | 12 | | 51 | | 50 | | 48 | | 45 | | 40 | | 35 | | 28 | | 21 | 0 | A. 12 | 0 | A. 3 | | 7 | 18 | |
| | 18 | | 59 | | 59 | | 58 | | 55 | | 51 | | 46 | | 40 | 1 | 33 | | 25 | | 11 | | A. 7 | 12 | |
| | 24 | 1 | 7 | 1 | 8 | 1 | 7 | 1 | 5 | 1 | 2 | | 58 | 0 | 53 | 0 | 46 | | 38 | 0 | 30 | | 21 | 6 | |
| | 30 | | 14 | | 16 | | 16 | | 15 | | 13 | 1 | 9 | 1 | 5 | 0 | 59 | | 52 | | 44 | | 35 | 0 | 7 |
| 5 | 6 | 1 | 21 | 1 | 24 | 1 | 24 | | 25 | | 23 | 1 | 21 | 1 | 17 | 1 | 12 | 1 | 5 | 0 | 58 | 0 | 50 | 24 | |
| | 12 | | 27 | | 31 | | 32 | | 34 | | 33 | | 31 | | 28 | 1 | 24 | 1 | 18 | 1 | 12 | 1 | 4 | 18 | |
| | 18 | | 33 | | 37 | | 39 | | 42 | | 42 | | 41 | | 39 | | 36 | | 31 | | 25 | | 18 | 12 | |
| | 24 | | 38 | | 43 | | 45 | | 49 | | 50 | | 51 | | 49 | | 47 | | 43 | 1 | 37 | | 31 | 6 | |
| | 30 | 1 | 42 | 1 | 48 | 1 | 51 | 1 | 56 | 1 | 58 | 1 | 59 | 1 | 59 | 1 | 57 | 1 | 54 | 1 | 50 | 1 | 44 | 0 | 6 |
| | | Subt. | | Subt. | | Subt. | | Subt. | | Subt. | | Subt. | | Subt. | | Subt. | | Subt. | | Subt. | | Subt. | | | |
| Gr. | | 30 | | 27 | | 24 | | 21 | | 18 | | 15 | | 12 | | 9 | | 6 | | 3 | | 0 | | Gr. | |

Anomalia primò Æquata.

## SIGNA IV. DISTANTIÆ ☽ A ☉ A □ AD ♂, VEL ☌.

Supra Scalam Additur in Ascensu, infra autem Additur in Descensu.

## SIGNVM I. DISTANTIÆ ☽ A ☉ A ♂, VEL EIVS ☌ AD □.

| Gr. Dist. Anom. Sig. | G. | 0 Adde G. | ′ | 3 Adde G. | ′ | 6 Adde G. | ′ | 9 Adde G. | ′ | 12 Adde G. | ′ | 15 Adde G. | ′ | 18 Adde G. | ′ | 21 Adde G. | ′ | 24 Adde G. | ′ | 27 Adde G. | ′ | 30 Adde G. | ′ | G. Dist. Anom. G. | Sig. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6 | 0 | 1 | 42 | 1 | 48 | 1 | 53 | 1 | 56 | 1 | 58 | 1 | 59 | 1 | 59 | 1 | 57 | 1 | 54 | 1 | 50 | 1 | 44 | 30 | |
| | 6 | | 46 | | 53 | 1 | 58 | 2 | 2 | 2 | 5 | 2 | 7 | 2 | 7 | 2 | 6 | 2 | 4 | 2 | 1 | 1 | 56 | 24 | |
| | 12 | | 49 | | 56 | 2 | 2 | | 7 | 2 | 11 | | 13 | | 15 | | 14 | 2 | 13 | | 11 | 2 | 7 | 18 | |
| | 18 | | 51 | 1 | 58 | 2 | 5 | | 11 | | 15 | | 19 | | 21 | | 22 | | 21 | | 20 | | 17 | 12 | |
| | 24 | | 52 | 2 | 0 | | 7 | | 14 | | 19 | | 23 | | 26 | | 28 | | 28 | | 27 | | 25 | 6 | |
| | 30 | 1 | 52 | 2 | 0 | | 8 | | 15 | | 21 | | 26 | | 30 | | 32 | | 34 | | 33 | | 32 | 0 | 5 |
| 7 | 6 | 1 | 51 | 2 | 0 | 2 | 8 | 2 | 16 | 2 | 22 | 2 | 28 | 2 | 32 | 2 | 35 | 2 | 38 | 2 | 38 | 2 | 38 | 24 | |
| | 12 | | 49 | 1 | 59 | | 7 | | 15 | | 22 | | 28 | | 33 | | 37 | | 40 | | 42 | | 42 | 18 | |
| | 18 | | 47 | | 57 | | 6 | | 14 | | 21 | | 28 | | 33 | | 38 | | 41 | | 44 | | 45 | 12 | |
| | 24 | 1 | 44 | | 54 | 2 | 3 | | 11 | | 19 | | 26 | | 32 | | 37 | | 41 | | 44 | | 46 | 6 | |
| | 30 | | 40 | 1 | 50 | 1 | 59 | | 8 | | 16 | | 23 | 2 | 30 | 2 | 35 | 2 | 40 | | 44 | 2 | 46 | 0 | 4 |
| 8 | 6 | 1 | 35 | 1 | 45 | 1 | 54 | 2 | 3 | 2 | 12 | 2 | 19 | 2 | 26 | 2 | 32 | 2 | 37 | 2 | 42 | 2 | 45 | 24 | |
| | 12 | | 30 | | 40 | | 49 | 1 | 58 | | 6 | | 14 | | 21 | | 28 | | 33 | | 38 | | 42 | 18 | |
| | 18 | | 24 | | 34 | | 43 | | 52 | | 0 | | 8 | | 15 | | 22 | | 28 | | 33 | | 37 | 12 | |
| | 24 | | 18 | | 27 | | 36 | | 45 | 1 | 53 | 2 | 1 | | 9 | | 16 | | 22 | | 27 | | 32 | 6 | |
| | 30 | 1 | 12 | 1 | 20 | 1 | 29 | 1 | 38 | 1 | 46 | 1 | 54 | | 1 | 2 | 8 | 2 | 14 | 2 | 20 | | 25 | 0 | 3 |
| 9 | 6 | 1 | 5 | 1 | 13 | | 21 | 1 | 29 | 1 | 37 | 1 | 45 | 1 | 53 | 2 | 0 | 2 | 6 | 2 | 12 | 2 | 17 | 24 | |
| | 12 | 0 | 58 | 1 | 5 | | 13 | | 21 | | 29 | | 36 | | 43 | 1 | 51 | 1 | 57 | | 3 | 2 | 8 | 18 | |
| | 18 | 0 | 50 | 0 | 57 | 1 | 5 | | 12 | | 20 | | 27 | | 34 | | 41 | | 47 | 1 | 53 | 1 | 58 | 12 | |
| | 24 | | 43 | | 49 | 0 | 56 | | 3 | | 10 | | 17 | | 24 | | 30 | | 36 | | 42 | | 48 | 6 | |
| | 30 | | 35 | | 41 | 0 | 47 | 0 | 54 | 1 | 0 | 1 | 7 | 1 | 13 | | 19 | 1 | 25 | | 31 | | 37 | 0 | 2 |
| 10 | 6 | 0 | 28 | 0 | 33 | 0 | 38 | 0 | 44 | 0 | 50 | 0 | 56 | 1 | 2 | 1 | 8 | 1 | 14 | 1 | 20 | 1 | 25 | 24 | |
| | 12 | | 20 | | 25 | | 30 | | 35 | | 40 | | 46 | 0 | 51 | 0 | 57 | | 2 | | 8 | | 13 | 18 | |
| | 18 | | 13 | | 17 | | 21 | | 26 | | 30 | | 35 | | 40 | | 45 | 0 | 50 | 0 | 56 | 1 | 0 | 12 | |
| | 24 | | 6 | | 9 | | 13 | | 16 | | 21 | | 25 | | 29 | | 34 | | 38 | | 43 | 0 | 48 | 6 | |
| | 30 | 0 | S 1 | 0 | 2 | 0 | 4 | 0 | 8 | 0 | 11 | | 15 | | 18 | | 22 | 0 | 27 | | 31 | 0 | 35 | 0 | 1 |
| 11 | 6 | 0 | 7 | 0 | S. 5 | 0 | S. 3 | 0 | S. 1 | 0 | 2 | 0 | 5 | 0 | 8 | 0 | 11 | | 15 | 0 | 19 | 0 | 22 | 24 | |
| | 12 | | 13 | | 12 | | 11 | | 9 | 0 | S. 8 | 0 | S. 5 | 0 | S. 2 | 0 | S. 0 | | 3 | | 7 | | 10 | 18 | |
| | 18 | | 18 | | 18 | | 18 | | 17 | | 16 | | 14 | | 12 | | 10 | 0 | S. 8 | 0 | S. 5 | 0 | S. 3 | 12 | |
| | 24 | | 23 | | 24 | | 24 | | 24 | | 23 | | 23 | | 22 | | 20 | | 19 | | 17 | | 14 | 6 | |
| | 30 | | 26 | 0 | 29 | 0 | 30 | | 30 | | 31 | | 31 | | 30 | | 30 | | 28 | | 27 | | 26 | 0 | 0 |
| | | Adde | | Adde. | | Adde. | | Adde. | | Adde. | | Adde. | | Adde. | | Adde. | | Adde. | | Adde. | | Adde. | | | |
| Gr. Dist. | | 30 | | 27 | | 24 | | 21 | | 18 | | 15 | | 12 | | 9 | | 6 | | 3 | | 0 | | Gr. Dist. | |

Anomalia primò Æquata.

## SIGNA IV. DIST. ☽ A ☉ A □ AD ♂, VEL ☌.

Supra Scalam Subtrahitur in Ascensu, infra vero Descendendo.

Resi-

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*Residuum* TABVLÆ 47. *Aequationis* ☉ *Vltimæ.*

SIGNA II. DISTANTIÆ ☉ A ☊, VEL EIVS ☍ AD □.

Anomalia primò Æquata.

| Gr.Dist. / Anom. Sig. G. | 0 Subt. G. ′ | 3 Subt. G. ′ | 6 Subt. G. ′ | 9 Subt. G. ′ | 12 Subt. G. ′ | 15 Subt. G. ′ | 18 Subt. G. ′ | 21 Subt. G. ′ | 24 Subt. G. ′ | 27 Subt. G. ′ | 30 Subt. G. ′ | Gr.Dist. / Anom. G. Sig. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ♋ 0 | 0 26 | 0 24 | 0 22 | 0 20 | 0 17 | 0 15 | 0 12 | 0 9 | 0 6 | 0 3 | ♋ 0 | 30 |
| 6 | 37 | 36 | 34 | 32 | 30 | 28 | 26 | 23 | 20 | 18 | 15 | 24 |
| 12 | 47 | 46 | 46 | 44 | 43 | 41 | 39 | 37 | 34 | 32 | 29 | 18 |
| 18 | 56 | 0 56 | 56 | 56 | 0 55 | 54 | 0 52 | 50 | 48 | 46 | 43 | 12 |
| 24 | 1 5 | 1 6 | 1 6 | 1 6 | 1 6 | 1 5 | 1 4 | 1 3 | 1 1 | 0 59 | 0 57 | 6 |
| 30 | 1 12 | 1 14 | 15 | 1 16 | 1 17 | 1 16 | 1 16 | 1 15 | 1 14 | 1 12 | 1 10 | 0 11 |
| 1 6 | 1 19 | 1 21 | 1 23 | 1 24 | 1 26 | 1 27 | 1 27 | 1 26 | 1 26 | 1 25 | 1 23 | 24 |
| 12 | 24 | 27 | 30 | 32 | 34 | 36 | 36 | 37 | 37 | 36 | 35 | 18 |
| 18 | 28 | 32 | 36 | 38 | 41 | 43 | 45 | 46 | 47 | 46 | 46 | 12 |
| 24 | 31 | 36 | 40 | 44 | 47 | 50 | 53 | 1 54 | 1 55 | 56 | 1 56 | 6 |
| 30 | 32 | 38 | 43 | 1 48 | 1 52 | 1 56 | 1 59 | 2 1 | 2 3 | 2 4 | 2 5 | 0 10 |
| 2 6 | 1 32 | 1 39 | 1 45 | 1 50 | 1 55 | 2 0 | 2 3 | 2 7 | 2 9 | 2 11 | 2 12 | 24 |
| 12 | 31 | 38 | 45 | 51 | 57 | 2 2 | 7 | 11 | 14 | 17 | 19 | 18 |
| 18 | 29 | 36 | 43 | 51 | 57 | 3 | 9 | 13 | 18 | 21 | 24 | 12 |
| 24 | 24 | 33 | 41 | 49 | 56 | 3 | 9 | 15 | 20 | 24 | 27 | 6 |
| 30 | 19 | 28 | 1 36 | 1 45 | 1 53 | 2 0 | 2 8 | 2 14 | 2 20 | 2 25 | 2 29 | 0 9 |
| 3 6 | 1 12 | 1 21 | 1 31 | 1 40 | 1 48 | 1 57 | 2 5 | 2 14 | 2 18 | 2 24 | 2 30 | 24 |
| 12 | 4 | 14 | 24 | 33 | 42 | 51 | 0 | 9 | 15 | 22 | 28 | 18 |
| 18 | 0 55 | 5 | 15 | 25 | 35 | 45 | 1 54 | 3 | 11 | 18 | 25 | 12 |
| 24 | 44 | 0 55 | 1 5 | 16 | 26 | 36 | 46 | 1 56 | 5 | 13 | 20 | 6 |
| 30 | 33 | 43 | 0 54 | 1 6 | 1 16 | 1 26 | 37 | 47 | 1 57 | 2 6 | 2 14 | 0 8 |
| 4 6 | 0 20 | 0 31 | 0 42 | 0 54 | 1 4 | 1 15 | 1 26 | 1 37 | 1 47 | 1 57 | 2 6 | 24 |
| 12 | 7 | 18 | 29 | 40 | 0 51 | 1 2 | 14 | 25 | 36 | 47 | 1 57 | 18 |
| 18 | 0 A. 7 | 4 | 15 | 26 | 37 | 0 49 | 1 1 | 13 | 24 | 35 | 46 | 12 |
| 24 | 21 | 0 A. 11 | 0 A. 0 | 11 | 23 | 35 | 0 47 | 0 59 | 1 11 | 22 | 33 | 6 |
| 30 | 35 | 25 | 15 | 0 A. 4 | 0 8 | 0 20 | 0 32 | 0 44 | 0 56 | 1 8 | 1 20 | 0 7 |
| 5 6 | 0 50 | 0 40 | 0 30 | 19 | 0 A. 8 | 0 4 | 0 16 | 28 | 0 41 | 0 53 | 1 5 | 24 |
| 12 | 1 4 | 55 | 45 | 35 | 24 | 0 A. 12 | 0 A. 0 | 12 | 25 | 37 | 50 | 18 |
| 18 | 18 | 1 10 | 1 1 | 51 | 40 | 28 | 16 | 0 A. 4 | 8 | 21 | 33 | 12 |
| 24 | 31 | 24 | 15 | 1 6 | 56 | 0 45 | 33 | 21 | 0 A. 8 | 4 | 0 17 | 6 |
| 30 | 44 | 1 37 | 1 29 | 1 21 | 1 11 | 1 0 | 0 49 | 0 37 | 0 25 | 0 A. 13 | 0 0 | 0 6 |
| | Subt. | Subt. | Subt. | Subt. | Subt. | Subt. | Subt. | Subt. | Subt. | Subt. | Subt. | |
| Gr. | 30 | 27 | 24 | 21 | 18 | 15 | 12 | 9 | 6 | 3 | 0 | Gr. |

SIGNA III. DISTANTIÆ ☉ A ☊ A □ AD ♂, VEL ☍.
Supra Scalam Additur in Ascendendo, infra autem Descendendo.

SIGNA II. DISTANTIÆ ☉ A ☊ A ♂, VEL ☍ AD □.

Anomalia primò Æquata.

| Gr.Dist. / Anom. Sig. G. | 0 Adde G. ′ | 3 Adde G. ′ | 6 Adde G. ′ | 9 Adde G. ′ | 12 Adde G. ′ | 15 Adde G. ′ | 18 Adde G. ′ | 21 Adde G. ′ | 24 Adde G. ′ | 27 Adde G. ′ | 30 Adde G. ′ | Gr.Dist. / Anom. G. Sig. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6 0 | 1 44 | 1 37 | 1 29 | 1 21 | 1 11 | 0 0 | 0 49 | 0 37 | 0 25 | 0 13 | 0 0 | 30 |
| 6 | 56 | 50 | 43 | 35 | 26 | 16 | 1 5 | 0 54 | 42 | 29 | 1 17 | 24 |
| 12 | 2 7 | 2 2 | 1 56 | 48 | 40 | 30 | 20 | 1 9 | 58 | 0 46 | 0 33 | 18 |
| 18 | 17 | 12 | 2 7 | 2 0 | 1 53 | 1 44 | 35 | 24 | 1 13 | 1 2 | 0 50 | 12 |
| 24 | 25 | 12 | 17 | 11 | 2 5 | 57 | 1 48 | 38 | 28 | 17 | 1 5 | 6 |
| 30 | 2 32 | 2 30 | 0 26 | 2 21 | 2 15 | 2 8 | 2 0 | 1 51 | 1 41 | 1 31 | 1 20 | 0 5 |
| 7 6 | 2 38 | 2 36 | 2 34 | 2 30 | 2 24 | 2 18 | 2 11 | 2 3 | 1 54 | 1 44 | 1 33 | 24 |
| 12 | 42 | 42 | 40 | 36 | 32 | 27 | 20 | 13 | 2 5 | 56 | 46 | 18 |
| 18 | 45 | 45 | 44 | 42 | 38 | 34 | 28 | 22 | 14 | 2 6 | 1 57 | 12 |
| 24 | 46 | 47 | 47 | 45 | 43 | 39 | 35 | 29 | 22 | 15 | 2 6 | 6 |
| 30 | 2 46 | 2 48 | 2 48 | 2 47 | 2 46 | 2 43 | 2 39 | 2 34 | 2 29 | 2 22 | 2 14 | 0 4 |
| 8 6 | 2 45 | 2 47 | 2 48 | 2 48 | 2 47 | 2 45 | 2 42 | 2 38 | 2 33 | 2 27 | 2 20 | 24 |
| 12 | 42 | 44 | 46 | 47 | 47 | 2 46 | 44 | 40 | 37 | 31 | 25 | 18 |
| 18 | 37 | 41 | 43 | 45 | 45 | 45 | 43 | 41 | 38 | 33 | 28 | 12 |
| 24 | 32 | 36 | 39 | 41 | 42 | 42 | 41 | 40 | 37 | 34 | 30 | 6 |
| 30 | 2 25 | 2 29 | 2 33 | 2 35 | 2 37 | 2 38 | 2 38 | 2 37 | 2 35 | 2 33 | 2 29 | 0 3 |
| 9 6 | 2 17 | 2 22 | 2 25 | 2 29 | 2 31 | 2 32 | 2 33 | 2 23 | 2 32 | 2 30 | 2 27 | 24 |
| 12 | 2 8 | 13 | 17 | 21 | 24 | 26 | 27 | 27 | 27 | 26 | 24 | 18 |
| 18 | 1 58 | 3 | 8 | 12 | 15 | 17 | 19 | 20 | 21 | 20 | 19 | 12 |
| 24 | 48 | 1 53 | 1 58 | 2 2 | 5 | 8 | 11 | 12 | 13 | 13 | 12 | 6 |
| 30 | 1 37 | 1 42 | 1 47 | 1 51 | 1 55 | 1 58 | 2 1 | 2 3 | 2 4 | 2 5 | 2 5 | 0 2 |
| 10 6 | 1 25 | 30 | 1 35 | 39 | 1 43 | 1 47 | 1 50 | 1 52 | 1 54 | 1 56 | 1 56 | 24 |
| 12 | 13 | 18 | 23 | 27 | 31 | 35 | 38 | 1 41 | 43 | 45 | 46 | 18 |
| 18 | 1 0 | 1 5 | 10 | 14 | 18 | 22 | 25 | 28 | 31 | 33 | 35 | 12 |
| 24 | 0 48 | 0 52 | 0 57 | 1 | 1 5 | 1 9 | 1 12 | 16 | 18 | 21 | 23 | 6 |
| 30 | 0 35 | 0 39 | 0 44 | 0 48 | 0 52 | 0 55 | 0 59 | 1 2 | 1 5 | 1 8 | 1 10 | 0 1 |
| 11 6 | 0 22 | 0 26 | 0 30 | 0 34 | 0 38 | 0 41 | 0 45 | 0 48 | 0 51 | 0 54 | 0 57 | 24 |
| 12 | 0 10 | 15 | 17 | 20 | 24 | 27 | 31 | 34 | 37 | 40 | 43 | 18 |
| 18 | 0 S. 3 | 0 S. 0 | 4 | 7 | 10 | 13 | 16 | 20 | 23 | 26 | 29 | 12 |
| 24 | 14 | 12 | 0 S. 10 | 0 S. 7 | 0 S. 4 | 0 S. 1 | 2 | 5 | 8 | 11 | 15 | 6 |
| 30 | 0 26 | 0 24 | 0 22 | 0 20 | 17 | 0 15 | 0 S. 12 | 0 S. 9 | 0 S. 6 | 0 S. 3 | 0 0 | 0 0 |
| | Adde | Adde. | Adde. | Adde. | Adde. | Adde. | Adde. | Adde. | Adde. | Adde. | Adde. | |
| Gr.Dist. | 30 | 27 | 24 | 21 | 18 | 15 | 12 | 9 | 6 | 3 | 0 | Gr.Dist. |

SIGNA III. DIST. ☉ A ☊ A □ AD ♂, VEL ☍.
Supra Scalam Subtrahitur Ascendendo, infra Descendendo.



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*TABVLA 48. Horarius ☽ à ☉ in ☌, & ☍, & intra horas 12. ante, vel post.*

Signa Anomaliæ ☽ coæquatæ.

| Anomal. | 0 Horar. in ☌ & ☍ | | 0 Horar. vltra | | 1 Hor. in ☌ & ☍ | | 1 Horar. vltra | | 2 Hor. in ☌ & ☍ | | 2 Horar. vltra | | 3 Hor. in ☌ & ☍ | | 3 Horar. vltra | | 4 Hor. in ☌ & ☍ | | 4 Horar. vltra | | 5 Hor. in ☌ & ☍ | | 5 Horar. vltra | | Anomal. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Gr. | I | II | I | II | I | II | I | II | I | II | I | II | I | II | I | II | I | II | I | II | I | II | I | II | Gr. |
| 0 | 26 | 57 | 26 | 37 | 27 | 35 | 27 | 0 | 28 | 32 | 28 | 17 | 30 | 8 | 30 | 24 | 31 | 42 | 32 | 44 | 32 | 34 | 34 | 21 | 30 |
| 3 | 26 | 59 | 26 | 38 | 27 | 37 | 27 | 7 | 28 | 41 | 28 | 29 | 30 | 19 | 30 | 41 | 31 | 48 | 32 | 55 | 32 | 39 | 34 | 29 | 27 |
| 6 | 27 | 0 | 26 | 39 | 27 | 43 | 27 | 15 | 28 | 49 | 28 | 40 | 30 | 30 | 31 | 4 | 31 | 54 | 33 | 6 | 32 | 43 | 34 | 36 | 24 |
| 9 | 27 | 3 | 26 | 40 | 27 | 49 | 27 | 22 | 28 | 59 | 28 | 53 | 30 | 40 | 31 | 10 | 32 | 0 | 33 | 16 | 32 | 46 | 34 | 43 | 21 |
| 12 | 27 | 6 | 26 | 41 | 27 | 56 | 27 | 31 | 29 | 6 | 29 | 2 | 30 | 50 | 31 | 25 | 32 | 6 | 33 | 26 | 32 | 50 | 34 | 50 | 18 |
| 15 | 27 | 9 | 26 | 43 | 28 | 0 | 27 | 36 | 29 | 16 | 29 | 16 | 31 | 0 | 31 | 39 | 32 | 11 | 33 | 37 | 32 | 55 | 34 | 56 | 15 |
| 18 | 27 | 15 | 26 | 45 | 28 | 6 | 27 | 43 | 29 | 25 | 29 | 28 | 31 | 10 | 31 | 53 | 32 | 16 | 33 | 46 | 32 | 57 | 35 | 1 | 12 |
| 21 | 27 | 20 | 26 | 48 | 28 | 12 | 27 | 51 | 29 | 35 | 29 | 41 | 31 | 19 | 32 | 8 | 32 | 21 | 33 | 57 | 32 | 59 | 35 | 4 | 9 |
| 24 | 27 | 26 | 26 | 52 | 28 | 18 | 28 | 0 | 29 | 46 | 29 | 56 | 31 | 27 | 32 | 21 | 32 | 26 | 34 | 5 | 33 | 0 | 35 | 9 | 6 |
| 27 | 27 | 31 | 26 | 56 | 28 | 24 | 28 | 9 | 29 | 55 | 30 | 9 | 31 | 35 | 32 | 33 | 32 | 30 | 34 | 13 | 33 | 1 | 35 | 11 | 3 |
| 30 | 27 | 35 | 27 | 0 | 28 | 32 | 28 | 17 | 30 | 8 | 30 | 24 | 31 | 42 | 32 | 44 | 32 | 34 | 34 | 21 | 33 | 2 | 35 | 15 | 0 |
| Gr. | 11 | | | | 10 | | | | 9 | | | | 8 | | | | 7 | | | | 6 | | | | Gr. |

Signa Anomalia ☽ coæquatæ.

*TABVLA 49. Verificatio ☌, & ☍ Luminarium.*

Minuta Horarij ☽ à ☉ in ☌, & ☍.

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

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*TABVLA 50. Interuallorum Lunæ, & Terræ extra ☌, & ☍.*

| Anomalia Excentrici, seu duplicata elongatio ☽ à ☉ | | Excentricitas Lunaris orbitæ. | | | Distantia ☽ Apogeæ seu Maxima à centro Terræ. | | | Distantia ☽ Perigeæ, seu Minima à centro Terræ. | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Qualium Radius est 100000 | in semidiamet. Terræ Semid. | / | Qualium Radius est 100000 | In semid. Terræ Semid. | / | Qualium Radius est 100000 | In semid. Terræ Semid. | / |
| Gr. | Gr. | | | | | | | | | |
| 0 | 360 | 4343 | 2 | 21 | 104343 | 63 | 21 | 95657 | 58 | 39 |
| 10 | 350 | 4517 | 2 | 27 | 104517 | 63 | 27 | 95483 | 58 | 33 |
| 20 | 340 | 4821 | 2 | 36 | 104821 | 63 | 36 | 95179 | 58 | 24 |
| 30 | 330 | 5342 | 2 | 53 | 105342 | 63 | 54 | 94658 | 58 | 7 |
| 40 | 320 | 5993 | 3 | 14 | 105993 | 64 | 14 | 94007 | 57 | 46 |
| 50 | 310 | 6688 | 3 | 37 | 106688 | 64 | 37 | 93312 | 57 | 23 |
| 60 | 300 | 7470 | 4 | 2 | 107470 | 65 | 2 | 92530 | 56 | 58 |
| 70 | 290 | 8252 | 4 | 28 | 108252 | 65 | 28 | 91748 | 56 | 32 |
| 80 | 280 | 8990 | 4 | 52 | 108990 | 65 | 52 | 91010 | 56 | 8 |
| 90 | 270 | 9685 | 5 | 15 | 109685 | 66 | 15 | 90315 | 55 | 45 |
| 100 | 260 | 9936 | 5 | 36 | 109936 | 66 | 36 | 90064 | 55 | 24 |
| 110 | 250 | 10944 | 5 | 55 | 110944 | 66 | 55 | 89056 | 55 | 5 |
| 120 | 240 | 11509 | 6 | 14 | 110509 | 67 | 14 | 88491 | 54 | 44 |
| 130 | 230 | 12243 | 6 | 28 | 112243 | 67 | 28 | 87757 | 54 | 32 |
| 140 | 220 | 12378 | 6 | 42 | 112378 | 67 | 42 | 87622 | 54 | 18 |
| 150 | 210 | 12634 | 6 | 50 | 112634 | 67 | 50 | 87396 | 54 | 10 |
| 160 | 200 | 12855 | 6 | 57 | 112855 | 67 | 57 | 87145 | 54 | 3 |
| 170 | 190 | 12986 | 7 | 1 | 112986 | 68 | 1 | 87014 | 53 | 59 |
| 180 | 180 | 13029 | 7 | 3 | 113029 | 68 | 3 | 86970 | 53 | 57 |

*TAB. 51. Distantia Lunæ à Centro Terræ extra ☌, & ☍.*

| Anomalia Orbis æquata. | | Anomalia Excentricitatis, seu duplicata Elongatio ☽ à ☉. | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 20 | 40 | 60 | 80 | 100 | 120 | 140 | 160 | 180 |
| | | 360 | 340 | 320 | 300 | 280 | 260 | 240 | 220 | 200 | 180 |
| | | Semidiametri Terræ. | | | | | | | | | |
| Gr. | Gr. | Sem. / | Sem. / | Sem. / | Sem. / | Sem. / | Sem. / | Sem. / | Sem. / | Sem. / | Sem. / |
| 0 | 360 | 63 21 | 63 48 | 64 17 | 64 48 | 65 23 | 66 1 | 66 36 | 67 7 | 67 36 | 68 3 |
| 10 | 350 | 63 19 | 63 44 | 64 11 | 64 44 | 65 18 | 65 56 | 66 29 | 67 0 | 67 29 | 67 55 |
| 20 | 340 | 63 15 | 63 37 | 64 2 | 64 37 | 65 8 | 65 47 | 66 16 | 66 47 | 67 15 | 67 38 |
| 30 | 330 | 63 8 | 63 27 | 63 50 | 64 26 | 64 53 | 65 32 | 65 57 | 66 28 | 66 54 | 67 13 |
| 40 | 320 | 62 58 | 63 14 | 63 34 | 64 10 | 64 31 | 65 10 | 65 31 | 66 0 | 66 24 | 66 39 |
| 50 | 310 | 62 44 | 62 57 | 63 13 | 63 48 | 64 3 | 64 40 | 64 57 | 65 24 | 65 44 | 65 55 |
| 60 | 300 | 62 26 | 62 36 | 62 48 | 63 19 | 63 28 | 64 1 | 64 14 | 64 38 | 64 53 | 65 0 |
| 70 | 290 | 62 3 | 62 10 | 62 18 | 62 42 | 62 49 | 63 12 | 63 21 | 63 40 | 63 50 | 63 53 |
| 80 | 280 | 61 36 | 61 39 | 61 42 | 61 56 | 61 59 | 62 12 | 62 17 | 62 28 | 62 33 | 62 32 |
| 90 | 270 | 61 2 | 61 0 | 60 59 | 61 0 | 61 0 | 61 0 | 61 1 | 61 0 | 61 0 | 60 55 |
| 100 | 260 | 60 30 | 60 21 | 60 16 | 60 4 | 60 1 | 59 48 | 59 45 | 59 32 | 59 27 | 59 18 |
| 110 | 250 | 60 2 | 59 51 | 59 40 | 59 18 | 59 12 | 58 48 | 58 41 | 58 20 | 58 10 | 57 57 |
| 120 | 240 | 59 40 | 59 25 | 59 10 | 58 41 | 58 31 | 57 59 | 57 48 | 57 22 | 57 7 | 56 50 |
| 130 | 230 | 59 22 | 59 4 | 58 45 | 58 12 | 57 57 | 57 20 | 57 5 | 56 36 | 56 16 | 55 55 |
| 140 | 220 | 59 8 | 58 47 | 58 24 | 57 52 | 57 29 | 56 50 | 56 30 | 56 0 | 55 36 | 55 11 |
| 150 | 210 | 58 58 | 58 34 | 58 8 | 57 36 | 57 7 | 56 28 | 56 4 | 55 32 | 55 6 | 54 37 |
| 160 | 200 | 58 50 | 58 24 | 57 56 | 57 25 | 56 52 | 56 13 | 55 45 | 55 13 | 54 45 | 54 12 |
| 170 | 190 | 58 44 | 58 17 | 57 47 | 57 17 | 56 42 | 56 3 | 55 32 | 55 0 | 54 31 | 53 55 |
| 180 | 180 | 58 39 | 58 12 | 57 42 | 57 12 | 56 37 | 55 59 | 55 25 | 54 53 | 54 24 | 53 47 |

*TAB. 52. Semidiam. ☽ Apparens, & Parallaxis horizontalis extra ☌, & ☍.*

| Distant. ☽ à Centro Terræ | | Semidiam. Appar. ☽ extra ☌ & ☍ | | Parallaxis Horizont. ☽ extra ☌ & ☍ | |
|---|---|---|---|---|---|
| Semid. | / | / | // | / | // |
| 52 | 0 | 18 | 8 | 66 | 6 |
| 52 | 30 | 17 | 58 | 65 | 30 |
| 53 | 0 | 17 | 48 | 64 | 51 |
| 53 | 30 | 17 | 38 | 64 | 15 |
| 54 | 0 | 17 | 29 | 63 | 39 |
| 54 | 30 | 17 | 19 | 63 | 4 |
| 55 | 0 | 17 | 10 | 62 | 30 |
| 55 | 30 | 17 | 0 | 61 | 57 |
| 56 | 0 | 16 | 49 | 61 | 23 |
| 56 | 30 | 16 | 41 | 60 | 51 |
| 57 | 0 | 16 | 34 | 60 | 20 |
| 57 | 30 | 16 | 25 | 59 | 49 |
| 58 | 0 | 16 | 16 | 59 | 17 |
| 58 | 30 | 16 | 8 | 58 | 46 |
| 59 | 0 | 16 | 0 | 58 | 16 |
| 59 | 30 | 15 | 52 | 57 | 47 |
| 60 | 0 | 15 | 45 | 57 | 18 |
| 60 | 30 | 15 | 37 | 56 | 50 |
| 61 | 0 | 15 | 26 | 56 | 21 |
| 61 | 30 | 15 | 20 | 55 | 55 |
| 62 | 0 | 15 | 14 | 55 | 30 |
| 62 | 30 | 15 | 6 | 54 | 57 |
| 63 | 0 | 14 | 58 | 54 | 35 |
| 63 | 30 | 14 | 51 | 54 | 3 |
| 64 | 0 | 14 | 44 | 53 | 42 |
| 64 | 30 | 14 | 36 | 53 | 19 |
| 65 | 0 | 14 | 29 | 52 | 57 |
| 65 | 30 | 14 | 24 | 52 | 28 |
| 66 | 0 | 14 | 19 | 52 | 2 |
| 66 | 30 | 14 | 14 | 51 | 37 |
| 67 | 0 | 14 | 8 | 51 | 13 |
| 67 | 30 | 14 | 0 | 50 | 52 |
| 68 | 0 | 13 | 52 | 50 | 32 |

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TABVLA 53. *Parallaxium ☾ in Circulo Altitudinis Vera.*

| Altitudo vera. | Parallaxis Horizontalis Minuta. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 50 | | 51 | | 52 | | 53 | | 54 | | 55 | | 56 | | 57 | | 58 | | 59 | | 60 | | 61 | | 62 | | 63 | | 64 | |
| G. | ′ | ″ | ′ | ″ | ′ | ″ | ′ | ″ | ′ | ″ | ′ | ″ | ′ | ″ | ′ | ″ | ′ | ″ | ′ | ″ | ′ | ″ | ′ | ″ | ′ | ″ | ′ | ″ | ′ | ″ |
| 1 | 49 | 59 | 50 | 59 | 51 | 59 | 52 | 59 | 53 | 59 | 54 | 59 | 55 | 59 | 56 | 59 | 57 | 59 | 58 | 59 | 59 | 59 | 60 | 59 | 61 | 59 | 62 | 59 | 63 | 59 |
| 2 | 49 | 59 | 50 | 59 | 51 | 59 | 52 | 59 | 53 | 59 | 54 | 59 | 55 | 59 | 56 | 59 | 57 | 59 | 58 | 59 | 59 | 59 | 60 | 59 | 61 | 59 | 62 | 59 | 63 | 59 |
| 3 | 49 | 57 | 50 | 57 | 51 | 57 | 52 | 57 | 53 | 57 | 54 | 57 | 55 | 57 | 56 | 57 | 57 | 58 | 58 | 59 | 59 | 57 | 60 | 57 | 61 | 57 | 62 | 57 | 63 | 57 |
| 4 | 49 | 55 | 50 | 55 | 51 | 54 | 52 | 54 | 53 | 54 | 54 | 54 | 55 | 54 | 56 | 54 | 57 | 55 | 58 | 59 | 59 | 54 | 60 | 54 | 61 | 54 | 62 | 54 | 63 | 54 |
| 5 | 49 | 53 | 50 | 52 | 51 | 51 | 52 | 51 | 53 | 51 | 54 | 51 | 55 | 51 | 56 | 51 | 57 | 51 | 58 | 50 | 59 | 50 | 60 | 50 | 61 | 50 | 62 | 50 | 63 | 50 |
| 6 | 49 | 49 | 50 | 48 | 51 | 47 | 52 | 47 | 53 | 47 | 54 | 47 | 55 | 47 | 56 | 47 | 57 | 47 | 58 | 46 | 59 | 46 | 60 | 45 | 61 | 45 | 62 | 45 | 63 | 45 |
| 7 | 49 | 43 | 50 | 42 | 51 | 42 | 52 | 42 | 53 | 42 | 54 | 42 | 55 | 42 | 56 | 42 | 57 | 42 | 58 | 41 | 59 | 40 | 60 | 39 | 61 | 39 | 62 | 39 | 63 | 39 |
| 8 | 49 | 37 | 50 | 36 | 51 | 36 | 52 | 36 | 53 | 36 | 54 | 35 | 55 | 35 | 56 | 35 | 57 | 35 | 58 | 35 | 59 | 33 | 60 | 32 | 61 | 32 | 62 | 32 | 63 | 32 |
| 9 | 49 | 30 | 50 | 29 | 51 | 28 | 52 | 28 | 53 | 28 | 54 | 27 | 55 | 27 | 56 | 27 | 57 | 27 | 58 | 25 | 59 | 24 | 60 | 24 | 61 | 24 | 62 | 24 | 63 | 24 |
| 10 | 49 | 22 | 50 | 21 | 51 | 19 | 52 | 19 | 53 | 19 | 54 | 19 | 55 | 18 | 56 | 18 | 57 | 18 | 58 | 16 | 59 | 14 | 60 | 14 | 61 | 14 | 62 | 14 | 63 | 14 |
| 11 | 49 | 14 | 50 | 12 | 51 | 10 | 52 | 9 | 53 | 9 | 54 | 9 | 55 | 9 | 56 | 9 | 57 | 9 | 58 | 6 | 59 | 4 | 60 | 3 | 61 | 3 | 62 | 3 | 63 | 3 |
| 12 | 49 | 4 | 50 | 2 | 51 | 0 | 51 | 59 | 52 | 58 | 53 | 58 | 54 | 58 | 55 | 58 | 56 | 58 | 57 | 55 | 58 | 53 | 59 | 52 | 60 | 51 | 61 | 51 | 62 | 51 |
| 13 | 48 | 53 | 49 | 51 | 50 | 49 | 51 | 48 | 52 | 47 | 53 | 47 | 54 | 47 | 55 | 46 | 56 | 46 | 57 | 43 | 58 | 41 | 59 | 39 | 60 | 38 | 61 | 38 | 62 | 38 |
| 14 | 48 | 42 | 49 | 40 | 50 | 38 | 51 | 36 | 52 | 35 | 53 | 35 | 54 | 34 | 55 | 33 | 56 | 32 | 57 | 30 | 58 | 28 | 59 | 26 | 60 | 24 | 61 | 24 | 62 | 24 |
| 15 | 48 | 31 | 49 | 28 | 50 | 25 | 51 | 23 | 52 | 22 | 53 | 21 | 54 | 20 | 55 | 18 | 56 | 17 | 57 | 15 | 58 | 14 | 59 | 12 | 60 | 10 | 61 | 9 | 62 | 8 |
| 16 | 48 | 18 | 49 | 15 | 50 | 12 | 51 | 9 | 52 | 7 | 53 | 6 | 54 | 5 | 55 | 3 | 56 | 1 | 56 | 59 | 57 | 58 | 58 | 56 | 59 | 54 | 60 | 52 | 61 | 51 |
| 17 | 48 | 2 | 49 | 0 | 49 | 57 | 50 | 54 | 51 | 52 | 52 | 50 | 53 | 49 | 54 | 47 | 55 | 45 | 56 | 43 | 57 | 41 | 58 | 39 | 59 | 37 | 60 | 35 | 61 | 33 |
| 18 | 47 | 43 | 49 | 42 | 49 | 41 | 50 | 38 | 51 | 36 | 52 | 34 | 53 | 33 | 54 | 30 | 55 | 28 | 56 | 25 | 57 | 23 | 58 | 20 | 59 | 18 | 60 | 16 | 61 | 14 |
| 19 | 47 | 28 | 48 | 28 | 49 | 26 | 50 | 22 | 51 | 19 | 52 | 17 | 53 | 16 | 54 | 13 | 55 | 10 | 56 | 5 | 57 | 3 | 58 | 0 | 58 | 58 | 59 | 56 | 60 | 54 |
| 20 | 47 | 14 | 48 | 11 | 49 | 8 | 50 | 4 | 51 | 1 | 51 | 59 | 52 | 57 | 53 | 53 | 54 | 49 | 55 | 46 | 56 | 43 | 57 | 40 | 58 | 38 | 59 | 35 | 60 | 32 |
| 21 | 46 | 57 | 47 | 53 | 48 | 49 | 49 | 45 | 50 | 41 | 51 | 39 | 52 | 37 | 53 | 32 | 54 | 28 | 55 | 25 | 56 | 22 | 57 | 19 | 58 | 17 | 59 | 13 | 60 | 9 |
| 22 | 46 | 39 | 47 | 34 | 48 | 29 | 49 | 25 | 50 | 21 | 51 | 18 | 52 | 16 | 53 | 11 | 54 | 7 | 55 | 3 | 56 | 0 | 56 | 57 | 57 | 54 | 58 | 49 | 59 | 45 |
| 23 | 46 | 18 | 47 | 14 | 48 | 9 | 49 | 4 | 50 | 0 | 50 | 57 | 51 | 55 | 52 | 50 | 53 | 45 | 54 | 40 | 55 | 36 | 56 | 32 | 57 | 29 | 58 | 25 | 59 | 21 |
| 24 | 45 | 58 | 46 | 53 | 47 | 47 | 48 | 42 | 49 | 38 | 50 | 35 | 51 | 33 | 52 | 26 | 53 | 20 | 54 | 15 | 55 | 11 | 56 | 7 | 57 | 3 | 57 | 58 | 58 | 55 |
| 25 | 45 | 36 | 46 | 31 | 47 | 25 | 48 | 20 | 49 | 15 | 50 | 12 | 51 | 10 | 51 | 2 | 52 | 55 | 53 | 50 | 54 | 46 | 55 | 41 | 56 | 36 | 57 | 32 | 58 | 28 |
| 26 | 45 | 14 | 46 | 8 | 47 | 2 | 47 | 56 | 48 | 51 | 49 | 48 | 50 | 45 | 51 | 37 | 52 | 30 | 53 | 25 | 54 | 20 | 55 | 14 | 56 | 9 | 57 | 4 | 58 | 0 |
| 27 | 44 | 52 | 45 | 45 | 46 | 38 | 47 | 32 | 48 | 26 | 49 | 22 | 50 | 18 | 51 | 11 | 52 | 4 | 52 | 58 | 53 | 53 | 54 | 47 | 55 | 41 | 56 | 36 | 57 | 31 |
| 28 | 44 | 28 | 45 | 21 | 46 | 14 | 47 | 7 | 48 | 1 | 48 | 55 | 49 | 51 | 50 | 44 | 51 | 37 | 52 | 31 | 53 | 25 | 54 | 18 | 55 | 12 | 56 | 6 | 57 | 1 |
| 29 | 44 | 3 | 44 | 56 | 45 | 49 | 46 | 42 | 47 | 35 | 48 | 29 | 49 | 23 | 50 | 16 | 51 | 9 | 52 | 2 | 52 | 56 | 53 | 49 | 54 | 42 | 55 | 36 | 56 | 30 |
| 30 | 43 | 39 | 44 | 31 | 45 | 23 | 46 | 15 | 47 | 8 | 47 | 53 | 48 | 55 | 49 | 47 | 50 | 40 | 51 | 32 | 52 | 25 | 53 | 18 | 54 | 11 | 55 | 4 | 55 | 58 |
| 31 | 43 | 14 | 44 | 4 | 44 | 55 | 45 | 46 | 46 | 38 | 47 | 31 | 48 | 25 | 49 | 17 | 50 | 10 | 51 | 1 | 51 | 53 | 52 | 46 | 53 | 39 | 54 | 32 | 55 | 25 |
| 32 | 42 | 45 | 43 | 36 | 44 | 27 | 45 | 18 | 46 | 9 | 47 | 1 | 47 | 54 | 48 | 46 | 49 | 38 | 50 | 30 | 51 | 21 | 52 | 13 | 53 | 6 | 53 | 58 | 54 | 50 |
| 33 | 42 | 17 | 43 | 7 | 43 | 57 | 44 | 48 | 45 | 39 | 46 | 30 | 47 | 22 | 48 | 13 | 49 | 5 | 49 | 56 | 50 | 48 | 51 | 40 | 52 | 32 | 52 | 53 | 54 | 14 |
| 34 | 41 | 48 | 42 | 38 | 43 | 27 | 44 | 18 | 45 | 9 | 45 | 59 | 46 | 50 | 47 | 41 | 48 | 32 | 49 | 23 | 50 | 14 | 51 | 5 | 51 | 56 | 52 | 47 | 53 | 38 |
| 35 | 41 | 2 | 42 | 9 | 42 | 56 | 43 | 46 | 44 | 37 | 45 | 27 | 46 | 17 | 47 | 7 | 47 | 58 | 48 | 49 | 49 | 40 | 50 | 29 | 51 | 19 | 52 | 9 | 53 | 0 |
| 36 | 40 | 50 | 41 | 38 | 42 | 26 | 43 | 15 | 44 | 4 | 45 | 23 | 45 | 43 | 47 | 3 | 47 | 23 | 48 | 13 | 49 | 4 | 49 | 52 | 50 | 41 | 51 | 31 | 52 | 21 |
| 37 | 40 | 3 | 41 | 6 | 41 | 53 | 42 | 42 | 43 | 31 | 44 | 19 | 45 | 8 | 45 | 58 | 46 | 48 | 47 | 37 | 48 | 27 | 49 | 14 | 50 | 2 | 50 | 51 | 51 | 41 |
| 38 | 39 | 46 | 40 | 33 | 41 | 20 | 42 | 8 | 42 | 57 | 43 | 44 | 44 | 32 | 45 | 22 | 46 | 12 | 47 | 0 | 47 | 49 | 48 | 36 | 49 | 23 | 50 | 12 | 51 | 1 |
| 39 | 39 | 0 | 40 | 0 | 40 | 47 | 41 | 34 | 42 | 22 | 43 | 9 | 43 | 56 | 44 | 45 | 45 | 34 | 46 | 22 | 47 | 10 | 47 | 56 | 48 | 43 | 49 | 31 | 50 | 20 |
| 40 | 38 | 41 | 39 | 27 | 40 | 13 | 41 | 0 | 41 | 47 | 42 | 33 | 43 | 20 | 44 | 8 | 44 | 56 | 45 | 43 | 46 | 31 | 47 | 16 | 48 | 2 | 48 | 50 | 49 | 38 |
| 41 | 38 | 6 | 38 | 52 | 39 | 38 | 40 | 24 | 41 | 10 | 41 | 56 | 42 | 43 | 43 | 30 | 44 | 17 | 45 | 5 | 45 | 51 | 46 | 35 | 47 | 20 | 48 | 7 | 48 | 55 |
| 42 | 37 | 32 | 38 | 17 | 39 | 2 | 39 | 47 | 40 | 33 | 41 | 19 | 42 | 5 | 42 | 50 | 43 | 36 | 44 | 22 | 45 | 9 | 45 | 52 | 46 | 37 | 47 | 23 | 48 | 10 |
| 43 | 36 | 56 | 37 | 41 | 38 | 26 | 39 | 11 | 39 | 56 | 40 | 41 | 41 | 26 | 42 | 10 | 42 | 54 | 43 | 40 | 44 | 26 | 45 | 9 | 45 | 53 | 46 | 36 | 47 | 24 |
| 44 | 36 | 21 | 37 | 4 | 37 | 49 | 38 | 33 | 39 | 17 | 40 | 1 | 40 | 46 | 41 | 29 | 42 | 12 | 42 | 57 | 43 | 42 | 44 | 25 | 45 | 8 | 45 | 53 | 46 | 38 |
| 45 | 35 | 44 | 36 | 27 | 37 | 10 | 37 | 54 | 38 | 38 | 39 | 21 | 40 | 5 | 40 | 47 | 41 | 30 | 42 | 14 | 42 | 58 | 43 | 40 | 44 | 23 | 44 | 36 | 45 | 51 |
| 46 | 35 | 10 | 35 | 50 | 36 | 30 | 37 | 13 | 37 | 56 | 38 | 39 | 39 | 23 | 40 | 5 | 40 | 48 | 41 | 30 | 42 | 13 | 43 | 4 | 43 | 37 | 44 | 20 | 45 | 3 |
| 47 | 34 | 32 | 35 | 11 | 35 | 50 | 36 | 32 | 37 | 15 | 37 | 57 | 38 | 40 | 39 | 22 | 40 | 4 | 40 | 45 | 41 | 27 | 42 | 8 | 42 | 50 | 43 | 32 | 44 | 24 |
| 48 | 34 | 5 | 34 | 32 | 35 | 19 | 35 | 55 | 36 | 32 | 37 | 14 | 37 | 57 | 38 | 39 | 39 | 19 | 39 | 57 | 40 | 37 | 41 | 19 | 42 | 2 | 42 | 43 | 43 | 25 |
| 49 | 33 | 13 | 33 | 51 | 34 | 29 | 35 | 9 | 35 | 50 | 36 | 31 | 37 | 13 | 37 | 53 | 38 | 34 | 39 | 14 | 39 | 54 | 40 | 33 | 41 | 13 | 41 | 53 | 42 | 35 |
| 50 | 32 | 32 | 33 | 10 | 33 | 48 | 34 | 28 | 35 | 8 | 35 | 48 | 36 | 28 | 37 | 8 | 37 | 48 | 38 | 2 | 39 | 7 | 39 | 45 | 40 | 25 | 41 | 4 | 41 | 44 |
| 51 | 31 | 52 | 32 | 29 | 33 | 6 | 33 | 45 | 34 | 25 | 35 | 3 | 35 | 42 | 36 | 22 | 37 | 2 | 37 | 40 | 38 | 18 | 38 | 56 | 39 | 35 | 40 | 13 | 40 | 53 |
| 52 | 31 | 11 | 31 | 47 | 32 | 23 | 33 | 1 | 33 | 41 | 34 | 18 | 34 | 56 | 35 | 35 | 36 | 14 | 36 | 51 | 37 | 28 | 38 | 6 | 38 | 44 | 39 | 22 | 40 | 1 |
| 53 | 30 | 28 | 31 | 4 | 31 | 40 | 32 | 18 | 32 | 56 | 33 | 3 | 34 | 10 | 34 | 47 | 35 | 25 | 36 | 0 | 36 | 37 | 37 | 14 | 37 | 52 | 38 | 45 | 39 | 7 |
| 54 | 29 | 46 | 30 | 21 | 30 | 56 | 31 | 33 | 32 | 10 | 32 | 46 | 33 | 23 | 33 | 58 | 34 | 35 | 35 | 10 | 35 | 46 | 36 | 23 | 37 | 0 | 37 | 36 | 38 | 12 |
| 55 | 29 | 2 | 29 | 37 | 30 | 12 | 30 | 47 | 31 | 23 | 31 | 58 | 32 | 35 | 33 | 9 | 33 | 45 | 34 | 19 | 34 | 55 | 35 | 31 | 36 | 7 | 36 | 41 | 37 | 16 |
| 56 | 28 | 23 | 28 | 53 | 29 | 27 | 30 | 0 | 30 | 35 | 31 | 10 | 31 | 46 | 32 | 20 | 32 | 55 | 33 | 29 | 34 | 3 | 34 | 37 | 35 | 13 | 35 | 46 | 36 | 20 |
| 57 | 27 | 35 | 28 | 8 | 28 | 41 | 29 | 13 | 29 | 47 | 30 | 21 | 30 | 56 | 31 | 30 | 32 | 5 | 32 | 37 | 33 | 10 | 33 | 44 | 34 | 19 | 34 | 51 | 35 | 24 |
| 58 | 26 | 46 | 27 | 22 | 27 | 55 | 28 | 26 | 28 | 59 | 29 | 32 | 30 | 6 | 30 | 39 | 31 | 13 | 31 | 44 | 32 | 16 | 32 | 50 | 33 | 24 | 33 | 55 | 34 | 27 |
| 59 | 26 | 4 | 26 | 36 | 27 | 8 | 27 | 39 | 28 | 11 | 28 | 43 | 29 | 16 | 29 | 51 | 30 | 26 | 30 | 54 | 31 | 22 | 31 | 55 | 32 | 28 | 32 | 58 | 33 | 29 |
| 60 | 25 | 19 | 25 | 50 | 26 | 21 | 26 | 51 | 27 | 22 | 27 | 53 | 28 | 25 | 28 | 55 | 29 | 27 | 29 | 57 | 30 | 28 | 30 | 59 | 31 | 31 | 32 | 0 | 32 | 31 |

Resi-

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*Residuum TAB. 53. Parallaxium ☉ in Circulo Vera Altitudinis.*

| Altitudo vera. | Minuta Parallaxis Horizontalis. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 50 | | 51 | | 52 | | 53 | | 54 | | 55 | | 56 | | 57 | | 58 | | 59 | | 60 | | 61 | | 62 | | 63 | | 64 | |
| G. | ′ | ″ | ′ | ″ | ′ | ″ | ′ | ″ | ′ | ″ | ′ | ″ | ′ | ″ | ′ | ″ | ′ | ″ | ′ | ″ | ′ | ″ | ′ | ″ | ′ | ″ | ′ | ″ | ′ | ″ |
| 61 | 24 | 33 | 25 | 3 | 25 | 33 | 26 | 3 | 26 | 33 | 27 | 3 | 27 | 33 | 28 | 3 | 28 | 34 | 29 | 3 | 29 | 33 | 30 | 3 | 30 | 33 | 31 | 3 | 31 | 33 |
| 62 | 23 | 46 | 24 | 16 | 24 | 45 | 25 | 13 | 25 | 42 | 26 | 11 | 26 | 40 | 27 | 10 | 27 | 40 | 28 | 8 | 28 | 37 | 29 | 6 | 29 | 35 | 30 | 4 | 30 | 33 |
| 63 | 23 | 0 | 23 | 28 | 23 | 56 | 24 | 23 | 24 | 51 | 25 | 19 | 25 | 47 | 26 | 16 | 26 | 45 | 27 | 13 | 27 | 41 | 28 | 9 | 28 | 37 | 29 | 4 | 29 | 32 |
| 64 | 22 | 13 | 22 | 40 | 23 | 7 | 23 | 33 | 24 | 0 | 24 | 27 | 24 | 54 | 25 | 21 | 25 | 49 | 26 | 16 | 26 | 44 | 27 | 11 | 27 | 38 | 28 | 5 | 28 | 32 |
| 65 | 21 | 27 | 21 | 52 | 22 | 17 | 22 | 42 | 23 | 8 | 23 | 34 | 24 | 1 | 24 | 27 | 24 | 54 | 25 | 20 | 25 | 47 | 26 | 13 | 26 | 39 | 27 | 5 | 27 | 31 |
| 66 | 20 | 41 | 21 | 3 | 21 | 27 | 21 | 51 | 22 | 16 | 22 | 41 | 23 | 7 | 23 | 32 | 23 | 58 | 24 | 23 | 24 | 49 | 25 | 13 | 25 | 38 | 26 | 4 | 26 | 30 |
| 67 | 19 | 50 | 20 | 13 | 20 | 36 | 21 | 0 | 21 | 24 | 21 | 48 | 22 | 12 | 22 | 37 | 23 | 1 | 23 | 25 | 23 | 50 | 24 | 13 | 24 | 37 | 25 | 2 | 25 | 28 |
| 68 | 19 | 1 | 19 | 23 | 19 | 45 | 20 | 7 | 20 | 31 | 20 | 54 | 21 | 17 | 21 | 40 | 22 | 4 | 22 | 27 | 22 | 51 | 23 | 13 | 23 | 36 | 24 | 0 | 24 | 25 |
| 69 | 18 | 13 | 18 | 33 | 18 | 54 | 19 | 16 | 19 | 38 | 20 | 0 | 20 | 22 | 20 | 44 | 21 | 7 | 21 | 29 | 21 | 52 | 22 | 13 | 22 | 35 | 22 | 58 | 23 | 22 |
| 70 | 17 | 22 | 17 | 42 | 18 | 2 | 18 | 22 | 18 | 44 | 19 | 5 | 19 | 26 | 19 | 48 | 20 | 10 | 20 | 31 | 20 | 52 | 21 | 13 | 21 | 34 | 21 | 56 | 22 | 18 |
| 71 | 16 | 32 | 16 | 51 | 17 | 10 | 17 | 30 | 17 | 50 | 18 | 10 | 18 | 30 | 18 | 51 | 19 | 12 | 19 | 31 | 19 | 51 | 20 | 11 | 20 | 32 | 20 | 53 | 21 | 14 |
| 72 | 15 | 42 | 16 | 0 | 16 | 18 | 16 | 37 | 16 | 56 | 17 | 15 | 17 | 34 | 17 | 54 | 18 | 14 | 18 | 32 | 18 | 50 | 19 | 10 | 19 | 30 | 19 | 49 | 29 | 9 |
| 73 | 14 | 40 | 15 | 8 | 15 | 26 | 15 | 44 | 16 | 2 | 16 | 20 | 16 | 37 | 16 | 56 | 17 | 15 | 17 | 32 | 17 | 49 | 18 | 8 | 18 | 27 | 18 | 45 | 19 | 4 |
| 74 | 14 | 0 | 14 | 16 | 14 | 33 | 14 | 50 | 15 | 7 | 15 | 23 | 15 | 40 | 15 | 58 | 16 | 16 | 16 | 32 | 16 | 48 | 17 | 6 | 17 | 24 | 17 | 54 | 18 | 0 |
| 75 | 13 | 8 | 13 | 24 | 13 | 40 | 13 | 56 | 14 | 12 | 14 | 27 | 14 | 43 | 14 | 59 | 15 | 16 | 15 | 31 | 15 | 47 | 16 | 4 | 16 | 21 | 16 | 38 | 16 | 55 |
| 76 | 12 | 16 | 12 | 31 | 12 | 46 | 13 | 1 | 13 | 16 | 13 | 31 | 13 | 46 | 14 | 1 | 14 | 16 | 14 | 30 | 14 | 45 | 15 | 1 | 15 | 17 | 15 | 33 | 15 | 49 |
| 77 | 11 | 26 | 11 | 39 | 11 | 52 | 11 | 56 | 12 | 20 | 12 | 34 | 12 | 48 | 13 | 2 | 13 | 16 | 13 | 29 | 13 | 43 | 14 | 8 | 14 | 13 | 14 | 27 | 14 | 42 |
| 78 | 10 | 34 | 10 | 46 | 10 | 58 | 11 | 11 | 11 | 24 | 11 | 37 | 11 | 50 | 12 | 3 | 12 | 16 | 12 | 28 | 12 | 40 | 12 | 54 | 13 | 8 | 13 | 21 | 13 | 35 |
| 79 | 9 | 40 | 9 | 52 | 10 | 4 | 10 | 15 | 10 | 27 | 10 | 39 | 10 | 51 | 11 | 3 | 11 | 16 | 11 | 26 | 11 | 37 | 11 | 50 | 12 | 3 | 12 | 15 | 12 | 28 |
| 80 | 8 | 48 | 8 | 59 | 9 | 10 | 9 | 20 | 9 | 31 | 9 | 41 | 9 | 52 | 10 | 3 | 10 | 15 | 10 | 24 | 10 | 34 | 10 | 46 | 10 | 58 | 11 | 9 | 11 | 20 |
| 81 | 7 | 56 | 8 | 6 | 8 | 16 | 8 | 25 | 8 | 35 | 8 | 44 | 8 | 53 | 9 | 3 | 9 | 13 | 9 | 22 | 9 | 31 | 9 | 42 | 9 | 53 | 10 | 2 | 10 | 12 |
| 82 | 7 | 5 | 7 | 13 | 7 | 21 | 7 | 29 | 7 | 38 | 7 | 46 | 7 | 54 | 8 | 3 | 8 | 12 | 8 | 20 | 8 | 28 | 8 | 38 | 8 | 48 | 8 | 56 | 9 | 4 |
| 83 | 6 | 6 | 6 | 19 | 6 | 26 | 6 | 33 | 6 | 41 | 6 | 48 | 6 | 55 | 7 | 2 | 7 | 10 | 7 | 17 | 7 | 25 | 7 | 34 | 7 | 42 | 7 | 49 | 7 | 56 |
| 84 | 5 | 19 | 5 | 25 | 5 | 31 | 5 | 37 | 5 | 44 | 5 | 50 | 5 | 56 | 6 | 2 | 6 | 8 | 6 | 15 | 6 | 22 | 6 | 29 | 6 | 36 | 6 | 42 | 6 | 48 |
| 85 | 4 | 26 | 4 | 31 | 4 | 36 | 4 | 41 | 4 | 46 | 4 | 51 | 4 | 57 | 5 | 2 | 5 | 7 | 5 | 13 | 5 | 19 | 5 | 24 | 5 | 30 | 5 | 35 | 5 | 40 |
| 86 | 3 | 31 | 3 | 36 | 3 | 41 | 3 | 44 | 3 | 49 | 3 | 53 | 3 | 58 | 4 | 7 | 4 | 6 | 4 | 11 | 4 | 16 | 4 | 20 | 4 | 24 | 4 | 28 | 4 | 32 |
| 87 | 2 | 40 | 2 | 43 | 2 | 46 | 2 | 49 | 2 | 52 | 2 | 55 | 2 | 59 | 3 | 1 | 3 | 4 | 3 | 8 | 3 | 12 | 3 | 15 | 3 | 18 | 3 | 21 | 3 | 24 |
| 88 | 1 | 47 | 1 | 49 | 1 | 51 | 1 | 53 | 1 | 55 | 1 | 57 | 2 | 0 | 2 | 1 | 2 | 3 | 2 | 5 | 2 | 8 | 2 | 10 | 2 | 12 | 2 | 14 | 2 | 16 |
| 89 | 0 | 54 | 0 | 55 | 0 | 56 | 0 | 57 | 0 | 58 | 0 | 59 | 1 | 0 | 1 | 1 | 1 | 2 | 1 | 3 | 1 | 4 | 1 | 5 | 1 | 6 | 1 | 7 | 1 | 8 |
| 90 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| Altit. vera. | M. Parallaxis Horizontalis. | | | | | |
|---|---|---|---|---|---|---|
| | 65 | | 66 | | 67 | |
| G. | ′ | ″ | ′ | ″ | ′ | ″ |
| 1 | 64 | 59 | 65 | 59 | 66 | 59 |
| 2 | 64 | 59 | 65 | 59 | 66 | 59 |
| 3 | 64 | 57 | 65 | 57 | 66 | 57 |
| 4 | 64 | 54 | 65 | 54 | 66 | 54 |
| 5 | 64 | 50 | 65 | 50 | 66 | 50 |
| 6 | 64 | 45 | 65 | 45 | 66 | 45 |
| 7 | 64 | 39 | 65 | 39 | 66 | 39 |
| 8 | 64 | 32 | 65 | 32 | 66 | 32 |
| 9 | 64 | 23 | 65 | 23 | 66 | 23 |
| 10 | 64 | 13 | 65 | 13 | 66 | 13 |
| 11 | 64 | 2 | 65 | 2 | 66 | 2 |
| 12 | 63 | 50 | 64 | 50 | 65 | 50 |
| 13 | 63 | 37 | 64 | 37 | 65 | 37 |
| 14 | 63 | 22 | 64 | 21 | 65 | 21 |
| 15 | 63 | 6 | 64 | 5 | 65 | 5 |
| 16 | 62 | 49 | 63 | 48 | 64 | 47 |
| 17 | 62 | 31 | 63 | 30 | 64 | 31 |
| 18 | 62 | 12 | 63 | 10 | 64 | 8 |
| 19 | 61 | 51 | 62 | 49 | 63 | 47 |
| 20 | 61 | 29 | 62 | 27 | 63 | 25 |
| 21 | 61 | 6 | 62 | 3 | 63 | 2 |
| 22 | 60 | 42 | 61 | 39 | 62 | 37 |
| 23 | 60 | 17 | 61 | 14 | 62 | 11 |
| 24 | 59 | 51 | 60 | 47 | 61 | 44 |
| 25 | 59 | 23 | 60 | 19 | 61 | 15 |
| 26 | 58 | 55 | 59 | 50 | 60 | 46 |
| 27 | 58 | 25 | 59 | 20 | 60 | 16 |
| 28 | 57 | 55 | 58 | 49 | 59 | 44 |
| 29 | 57 | 23 | 58 | 17 | 59 | 10 |
| 30 | 56 | 49 | 57 | 43 | 58 | 36 |

| Altit. vera. | M. Parallaxis Horizont. | | | | | |
|---|---|---|---|---|---|---|
| | 65 | | 66 | | 67 | |
| G. | ′ | ″ | ′ | ″ | ′ | ″ |
| 31 | 56 | 16 | 57 | 8 | 57 | 31 |
| 32 | 55 | 41 | 56 | 33 | 57 | 25 |
| 33 | 55 | 5 | 55 | 57 | 56 | 49 |
| 34 | 54 | 29 | 55 | 20 | 55 | 11 |
| 35 | 53 | 50 | 54 | 41 | 55 | 32 |
| 36 | 53 | 10 | 54 | 0 | 54 | 56 |
| 37 | 52 | 30 | 53 | 19 | 54 | 51 |
| 38 | 51 | 49 | 52 | 37 | 54 | 9 |
| 39 | 51 | 7 | 51 | 55 | 52 | 44 |
| 40 | 50 | 25 | 51 | 12 | 52 | 0 |
| 41 | 49 | 41 | 50 | 27 | 51 | 15 |
| 42 | 48 | 55 | 49 | 41 | 50 | 28 |
| 43 | 48 | 9 | 48 | 54 | 49 | 41 |
| 44 | 47 | 22 | 48 | 7 | 48 | 53 |
| 45 | 46 | 35 | 47 | 19 | 48 | 4 |
| 46 | 45 | 46 | 46 | 30 | 47 | 14 |
| 47 | 44 | 57 | 45 | 40 | 46 | 23 |
| 48 | 44 | 7 | 44 | 49 | 45 | 31 |
| 49 | 43 | 16 | 43 | 57 | 44 | 38 |
| 50 | 42 | 24 | 43 | 4 | 43 | 44 |
| 51 | 41 | 23 | 42 | 10 | 42 | 39 |
| 52 | 40 | 38 | 41 | 16 | 41 | 54 |
| 53 | 39 | 44 | 40 | 21 | 40 | 58 |
| 54 | 38 | 48 | 39 | 25 | 40 | 1 |
| 55 | 37 | 52 | 38 | 28 | 39 | 3 |
| 56 | 36 | 55 | 37 | 30 | 38 | 5 |
| 57 | 35 | 58 | 36 | 32 | 37 | 6 |
| 58 | 35 | 0 | 35 | 33 | 36 | 6 |
| 59 | 34 | 1 | 34 | 34 | 35 | 6 |
| 60 | 33 | 2 | 33 | 34 | 34 | 6 |

| Altit. vera. | M. Parallaxis Horizont. | | | | | |
|---|---|---|---|---|---|---|
| | 65 | | 66 | | 67 | |
| G. | ′ | ″ | ′ | ″ | ′ | ″ |
| 61 | 32 | 33 | 32 | 33 | 33 | 3 |
| 62 | 31 | 2 | 31 | 31 | 32 | 1 |
| 63 | 30 | 0 | 30 | 28 | 30 | 58 |
| 64 | 28 | 59 | 29 | 26 | 29 | 54 |
| 65 | 27 | 57 | 28 | 23 | 28 | 50 |
| 66 | 26 | 54 | 27 | 19 | 27 | 45 |
| 67 | 25 | 51 | 26 | 15 | 20 | 40 |
| 68 | 24 | 47 | 25 | 10 | 25 | 34 |
| 69 | 23 | 43 | 24 | 5 | 24 | 28 |
| 70 | 22 | 39 | 23 | 0 | 23 | 21 |
| 71 | 21 | 34 | 21 | 54 | 22 | 14 |
| 72 | 20 | 28 | 20 | 47 | 21 | 6 |
| 73 | 19 | 21 | 19 | 39 | 19 | 58 |
| 74 | 18 | 15 | 18 | 31 | 18 | 49 |
| 75 | 17 | 8 | 17 | 22 | 17 | 40 |
| 76 | 16 | 1 | 16 | 14 | 16 | 31 |
| 77 | 14 | 54 | 15 | 6 | 15 | 21 |
| 78 | 13 | 47 | 13 | 58 | 14 | 12 |
| 79 | 12 | 39 | 12 | 50 | 13 | 2 |
| 80 | 11 | 31 | 11 | 42 | 11 | 52 |
| 81 | 10 | 22 | 10 | 33 | 10 | 41 |
| 82 | 9 | 13 | 9 | 23 | 9 | 30 |
| 83 | 8 | 4 | 8 | 13 | 8 | 19 |
| 84 | 6 | 55 | 7 | 3 | 7 | 8 |
| 85 | 5 | 46 | 5 | 52 | 5 | 57 |
| 86 | 4 | 37 | 4 | 42 | 4 | 45 |
| 87 | 3 | 28 | 3 | 32 | 3 | 34 |
| 88 | 2 | 18 | 2 | 21 | 2 | 23 |
| 89 | 1 | 9 | 1 | 10 | 1 | 11 |
| 90 | 0 | 0 | 0 | 0 | 0 | 0 |

Quarta

# Quarta Pars Tabularum Reliquarum pro Eclipsibus.

*TABVLA 54. Epactarum pro Nouilunijs, ac Plenilunijs Medijs.*

| Ante Christum | Epochæ Epactarum. Anni | D. | H. | ′ | ″ |
|---|---|---|---|---|---|
| ANNI COMPLETI ASCENDENDO; SED INEVNTES IN CALCVLO DESCENDENTI. | 6000 | 11 | 12 | 54 | 15 |
| | 5000 | 27 | 4 | 6 | 37 |
| | 4000 | 13 | 6 | 34 | 50 |
| | 3000 | 29 | 9 | 3 | 7 |
| | 2000 | 16 | 0 | 15 | 27 |
| | 1000 | 1 | 2 | 43 | 35 |
| | 900 | 26 | 7 | 14 | 14 |
| | 800 | 21 | 23 | 0 | 39 |
| | 700 | 17 | 14 | 47 | 5 |
| | 600 | 13 | 6 | 33 | 30 |
| | 500 | 8 | 22 | 19 | 56 |
| | 400 | 4 | 14 | 6 | 21 |
| | 300 | 0 | 5 | 52 | 47 |
| | 200 | 25 | 10 | 23 | 16 |
| | 100 | 21 | 2 | 9 | 41 |
| Radix | Christi. | 16 | 17 | 56 | 7 |
| ANNI COMPLETI. | 100 | 12 | 9 | 42 | 32 |
| | 200 | 8 | 1 | 28 | 58 |
| | 300 | 3 | 17 | 15 | 23 |
| | 400 | 29 | 9 | 1 | 49 |
| | 500 | 24 | 13 | 32 | 18 |
| | 600 | 20 | 5 | 18 | 43 |
| | 700 | 15 | 21 | 5 | 9 |
| | 800 | 11 | 12 | 51 | 34 |
| | 900 | 7 | 4 | 38 | 0 |
| | 1000 | 2 | 20 | 24 | 24 |
| | 1100 | 28 | 0 | 54 | 52 |
| | 1200 | 23 | 16 | 41 | 17 |
| | 1300 | 19 | 8 | 27 | 43 |
| | 1400 | 15 | 0 | 14 | 8 |
| | 1500 | 10 | 16 | 0 | 34 |
| | 1600 | 6 | 7 | 46 | 54 |
| | 1700 | 1 | 23 | 33 | 25 |
| | 1800 | 27 | 4 | 4 | 4 |
| | 1900 | 22 | 19 | 50 | 19 |
| | 2000 | 18 | 11 | 36 | 44 |

| Menses | Anni Communis. D. | H. | ′ | ″ | Anni Bissextil. D. | H. | ′ | ″ |
|---|---|---|---|---|---|---|---|---|
| Ianuar. | 1 | 11 | 15 | 57 | 1 | 11 | 15 | 57 |
| Febr. | 29 | 11 | 15 | 57 | 0 | 22 | 31 | 54 |
| Martius | 1 | 9 | 47 | 50 | 2 | 9 | 47 | 50 |
| Aprilis | 1 | 21 | 3 | 47 | 2 | 21 | 3 | 47 |
| Maius | 3 | 8 | 19 | 44 | 4 | 8 | 19 | 44 |
| Iunius | 3 | 19 | 35 | 41 | 4 | 19 | 35 | 41 |
| Iulius | 5 | 6 | 51 | 38 | 6 | 6 | 51 | 38 |
| August. | 6 | 18 | 7 | 35 | 7 | 18 | 7 | 35 |
| Septēb. | 7 | 5 | 23 | 31 | 8 | 5 | 23 | 31 |
| Octob. | 8 | 16 | 39 | 28 | 9 | 16 | 39 | 28 |
| Nouēb. | 9 | 3 | 55 | 25 | 10 | 3 | 55 | 25 |
| Decēb. | 10 | 15 | 11 | 22 | 11 | 15 | 11 | 22 |

| Ordo | Reuolutiones ☌ Nouilunior. D. | H. | ′ | ″ | ☍ Pleniluniorum. D. | H. | ′ | ″ |
|---|---|---|---|---|---|---|---|---|
| I | 29 | 12 | 44 | 3 | 14 | 18 | 22 | 2 |
| II | 59 | 1 | 28 | 6 | 44 | 7 | 6 | 5 |
| III | 88 | 14 | 12 | 10 | 73 | 19 | 50 | 8 |
| IV | 118 | 2 | 56 | 13 | 103 | 8 | 34 | 11 |
| V | 147 | 15 | 40 | 16 | 132 | 21 | 18 | 14 |
| VI | 177 | 4 | 24 | 19 | 162 | 10 | 2 | 17 |
| VII | 206 | 17 | 8 | 22 | 191 | 22 | 46 | 21 |
| VIII | 236 | 5 | 52 | 25 | 221 | 11 | 30 | 24 |
| IX | 265 | 18 | 36 | 29 | 251 | 0 | 14 | 27 |
| X | 295 | 9 | 20 | 32 | 280 | 12 | 58 | 30 |
| XI | 324 | 20 | 4 | 35 | 310 | 1 | 42 | 33 |
| XII | 354 | 8 | 48 | 38 | 339 | 14 | 26 | 37 |
| XIII | 383 | 21 | 32 | 41 | 369 | 3 | 10 | 40 |

| Anni | D. | H. | ′ | ″ | | D. | H. | ′ | ″ |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 10 | 15 | 11 | 22 | 61 | 13 | 22 | 24 | 2 |
| 2 | 21 | 6 | 22 | 44 | 62 | 24 | 13 | 35 | 24 |
| 3 | 2 | 8 | 50 | 2 | 63 | 5 | 16 | 2 | 42 |
| B. 4 | 14 | 0 | 1 | 24 | B. 64 | 17 | 7 | 14 | 4 |
| 5 | 24 | 15 | 12 | 46 | 65 | 27 | 22 | 25 | 26 |
| 6 | 5 | 17 | 40 | 5 | 66 | 9 | 0 | 52 | 45 |
| 7 | 16 | 8 | 51 | 26 | 67 | 19 | 16 | 4 | 6 |
| B. 8 | 28 | 0 | 2 | 48 | B. 68 | 1 | 18 | 31 | 25 |
| 9 | 9 | 2 | 30 | 7 | 69 | 12 | 9 | 42 | 47 |
| 10 | 19 | 17 | 41 | 29 | 70 | 23 | 0 | 54 | 9 |
| 11 | 0 | 20 | 8 | 47 | 71 | 4 | 3 | 21 | 27 |
| B. 12 | 12 | 11 | 20 | 9 | B. 72 | 15 | 18 | 32 | 49 |
| 13 | 23 | 2 | 31 | 31 | 73 | 26 | 9 | 44 | 11 |
| 14 | 4 | 4 | 58 | 50 | 74 | 7 | 12 | 11 | 30 |
| 15 | 14 | 20 | 10 | 12 | 75 | 18 | 3 | 22 | 51 |
| B. 16 | 26 | 11 | 21 | 33 | B. 76 | 0 | 5 | 50 | 10 |
| 17 | 7 | 13 | 48 | 52 | 77 | 10 | 21 | 1 | 32 |
| 18 | 18 | 5 | 0 | 14 | 78 | 21 | 12 | 12 | 54 |
| 19 | 28 | 20 | 11 | 36 | 79 | 2 | 14 | 40 | 12 |
| B. 20 | 10 | 22 | 38 | 54 | B. 80 | 14 | 5 | 51 | 34 |
| 21 | 21 | 13 | 50 | 16 | 81 | 24 | 21 | 2 | 56 |
| 22 | 2 | 16 | 17 | 35 | 82 | 5 | 23 | 30 | 15 |
| 23 | 13 | 7 | 28 | 57 | 83 | 16 | 14 | 41 | 37 |
| B. 24 | 24 | 22 | 40 | 19 | B. 84 | 28 | 5 | 52 | 58 |
| 25 | 6 | 1 | 7 | 37 | 85 | 9 | 8 | 20 | 17 |
| 26 | 16 | 16 | 18 | 59 | 86 | 19 | 23 | 31 | 39 |
| 27 | 27 | 7 | 30 | 21 | 87 | 1 | 1 | 58 | 58 |
| B. 28 | 9 | 9 | 57 | 39 | B. 88 | 12 | 17 | 10 | 19 |
| 29 | 20 | 1 | 9 | 1 | 89 | 23 | 8 | 21 | 42 |
| 30 | 1 | 3 | 36 | 20 | 90 | 4 | 10 | 49 | 0 |
| 31 | 11 | 18 | 47 | 42 | 91 | 15 | 2 | 0 | 22 |
| B. 32 | 23 | 9 | 59 | 4 | B. 92 | 26 | 17 | 11 | 44 |
| 33 | 4 | 12 | 26 | 22 | 93 | 7 | 19 | 39 | 2 |
| 34 | 15 | 3 | 37 | 44 | 94 | 18 | 10 | 50 | 24 |
| 35 | 25 | 18 | 49 | 6 | 95 | 29 | 2 | 1 | 46 |
| B. 36 | 7 | 21 | 16 | 25 | B. 96 | 11 | 4 | 29 | 5 |
| 37 | 18 | 12 | 27 | 46 | 97 | 21 | 19 | 40 | 26 |
| 38 | 29 | 3 | 39 | 8 | 98 | 2 | 22 | 7 | 45 |
| 39 | 10 | 6 | 6 | 27 | 99 | 13 | 13 | 19 | 7 |
| B. 40 | 21 | 21 | 17 | 49 | B. 100 | 25 | 4 | 30 | 29 |
| 41 | 2 | 23 | 45 | 7 | 200 | 20 | 20 | 19 | 54 |
| 42 | 13 | 14 | 56 | 29 | 300 | 16 | 12 | 3 | 20 |
| 43 | 24 | 6 | 7 | 51 | 400 | 12 | 3 | 49 | 45 |
| B. 44 | 6 | 8 | 35 | 10 | 500 | 7 | 19 | 36 | 10 |
| 45 | 16 | 23 | 46 | 32 | 600 | 3 | 11 | 22 | 36 |
| 46 | 27 | 14 | 57 | 53 | 700 | 28 | 15 | 53 | 5 |
| 47 | 8 | 17 | 25 | 12 | 800 | 24 | 7 | 39 | 30 |
| B. 48 | 20 | 8 | 36 | 34 | 900 | 19 | 23 | 25 | 56 |
| 49 | 1 | 11 | 3 | 52 | 1000 | 15 | 15 | 12 | 22 |
| 50 | 12 | 2 | 15 | 14 | 2000 | 1 | 17 | 40 | 40 |
| 51 | 22 | 17 | 26 | 36 | 3000 | 17 | 8 | 53 | 1 |
| B. 52 | 4 | 19 | 53 | 55 | 4000 | 3 | 11 | 21 | 19 |
| 53 | 15 | 11 | 5 | 17 | 5000 | 19 | 2 | 33 | 40 |
| 54 | 26 | 2 | 16 | 38 | 6000 | 5 | 5 | 1 | 59 |
| 55 | 7 | 4 | 43 | 57 | 7000 | 20 | 20 | 14 | 20 |
| B. 56 | 18 | 19 | 53 | 19 | 8000 | 6 | 22 | 42 | 38 |
| 57 | 29 | 11 | 6 | 41 | 9000 | 22 | 14 | 0 | 0 |
| 58 | 10 | 13 | 33 | 59 | 10000 | 8 | 16 | 23 | 17 |
| 59 | 21 | 4 | 45 | 21 | 11000 | 24 | 7 | 35 | 39 |
| B. 60 | 3 | 7 | 10 | 40 | 12000 | 10 | 10 | 3 | 58 |

*TAB. 55. Termini Eclipsium. Distantia à Nodo ☊.*

| | Lunarium. ☊ Apog. G. | ′ | Perigea. G. | ′ | Solarium. ☊ Apog. G. | ′ | Perigea. G. | ′ |
|---|---|---|---|---|---|---|---|---|
| Sole Apog. | 10 | 48 | 12 | 2 | 15 | 58 | 17 | 14 |
| Sole Perig. | 10 | 40 | 11 | 53 | 16 | 5 | 17 | 20 |

TA-

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*TABVLA 56. Parallaxeon Mecoplatica.*

| Latitud. latus. | Minuta Parallaxeos Horizontalis. | | | | | | | | | | | | | Lõgitud. latus. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | |
| G. | ′ ″ | ′ ″ | ′ ″ | ′ ″ | ′ ″ | ′ ″ | ′ ″ | ′ ″ | ′ ″ | ′ ″ | ′ ″ | ′ ″ | ′ ″ | G. |
| 0 | 1 0 | 2 0 | 3 0 | 4 0 | 5 0 | 6 0 | 7 0 | 8 0 | 9 0 | 10 0 | 11 0 | 12 0 | 13 0 | 90 |
| 2 | 1 0 | 2 0 | 3 0 | 4 0 | 5 0 | 6 0 | 7 0 | 8 0 | 9 0 | 10 0 | 11 0 | 22 0 | 13 0 | 88 |
| 4 | 1 0 | 2 0 | 3 0 | 3 59 | 4 59 | 5 59 | 6 59 | 7 59 | 8 59 | 9 58 | 10 58 | 11 58 | 12 58 | 86 |
| 6 | 1 0 | 1 59 | 3 59 | 4 58 | 5 58 | 6 57 | 7 57 | 8 56 | 9 56 | 10 56 | 11 55 | 12 55 | 13 55 | 84 |
| 8 | 0 59 | 1 59 | 3 58 | 3 58 | 4 57 | 5 56 | 6 56 | 7 55 | 8 55 | 9 54 | 10 54 | 11 53 | 12 52 | 82 |
| 10 | 0 59 | 1 58 | 2 57 | 3 56 | 4 55 | 5 54 | 6 54 | 7 53 | 8 52 | 9 51 | 10 50 | 11 45 | 12 48 | 80 |
| 12 | 0 59 | 1 57 | 2 56 | 3 55 | 4 53 | 5 52 | 6 51 | 7 49 | 8 48 | 8 47 | 10 46 | 11 44 | 12 43 | 78 |
| 14 | 0 58 | 1 56 | 2 55 | 3 53 | 4 51 | 5 49 | 6 48 | 7 46 | 8 44 | 9 42 | 10 41 | 11 39 | 12 37 | 76 |
| 16 | 0 58 | 1 55 | 2 53 | 3 51 | 4 58 | 5 46 | 6 44 | 7 41 | 8 39 | 9 37 | 10 35 | 11 32 | 12 30 | 74 |
| 18 | 0 57 | 1 54 | 2 51 | 3 48 | 4 45 | 5 42 | 6 39 | 7 37 | 8 34 | 9 31 | 10 28 | 11 25 | 12 22 | 72 |
| 20 | 0 56 | 1 53 | 2 49 | 3 46 | 4 42 | 5 38 | 6 35 | 7 31 | 8 27 | 9 24 | 10 20 | 11 17 | 12 13 | 70 |
| 22 | 0 56 | 1 51 | 2 47 | 3 43 | 4 38 | 5 34 | 6 29 | 7 25 | 8 21 | 9 16 | 10 12 | 11 8 | 12 3 | 68 |
| 24 | 0 55 | 1 50 | 2 44 | 3 39 | 4 34 | 5 29 | 6 24 | 7 19 | 8 13 | 9 8 | 10 3 | 10 58 | 11 53 | 66 |
| 26 | 0 54 | 1 48 | 2 42 | 3 36 | 4 30 | 5 24 | 6 18 | 7 11 | 8 5 | 8 59 | 9 53 | 10 47 | 11 41 | 64 |
| 28 | 0 53 | 1 46 | 2 39 | 3 32 | 4 25 | 5 18 | 6 11 | 7 4 | 7 57 | 8 50 | 9 43 | 10 36 | 11 29 | 62 |
| 30 | 0 52 | 1 44 | 2 36 | 3 28 | 4 20 | 5 12 | 6 4 | 6 56 | 7 48 | 8 40 | 9 32 | 10 24 | 11 16 | 60 |
| 32 | 0 51 | 1 42 | 2 33 | 3 24 | 4 14 | 5 5 | 5 56 | 6 47 | 7 38 | 8 29 | 9 20 | 10 11 | 11 1 | 58 |
| 34 | 0 50 | 1 39 | 2 29 | 3 19 | 4 9 | 4 58 | 5 48 | 6 38 | 7 28 | 8 17 | 9 7 | 9 57 | 10 47 | 56 |
| 36 | 0 49 | 1 37 | 2 26 | 3 14 | 4 3 | 4 51 | 5 40 | 6 28 | 7 17 | 8 5 | 8 54 | 9 42 | 10 31 | 54 |
| 38 | 0 47 | 1 35 | 2 22 | 3 9 | 3 56 | 4 44 | 5 31 | 6 18 | 7 6 | 7 53 | 8 40 | 9 27 | 10 15 | 52 |
| 40 | 0 46 | 1 32 | 2 18 | 3 4 | 3 50 | 4 36 | 5 22 | 6 8 | 6 54 | 7 40 | 8 26 | 9 12 | 9 58 | 50 |
| 42 | 0 45 | 1 29 | 2 13 | 2 58 | 3 43 | 4 27 | 5 12 | 5 57 | 6 41 | 7 26 | 8 11 | 8 55 | 9 40 | 48 |
| 44 | 0 43 | 1 26 | 2 9 | 2 53 | 3 36 | 4 19 | 5 2 | 5 45 | 6 28 | 7 12 | 7 55 | 8 38 | 9 21 | 46 |
| 46 | 0 42 | 1 23 | 2 5 | 2 47 | 3 28 | 4 10 | 4 52 | 5 33 | 6 15 | 6 57 | 7 39 | 8 20 | 9 2 | 44 |
| 48 | 0 40 | 1 20 | 2 0 | 2 41 | 3 21 | 4 1 | 4 41 | 5 21 | 6 1 | 6 41 | 7 22 | 8 2 | 8 42 | 42 |
| 50 | 0 39 | 1 17 | 1 56 | 2 34 | 3 13 | 3 31 | 4 30 | 5 9 | 5 47 | 6 26 | 7 4 | 7 43 | 8 21 | 40 |
| 52 | 0 37 | 1 14 | 1 51 | 2 28 | 3 5 | 3 42 | 4 19 | 4 55 | 5 31 | 6 9 | 6 46 | 7 23 | 8 0 | 38 |
| 54 | 0 35 | 1 11 | 1 46 | 2 21 | 2 56 | 3 32 | 4 7 | 4 42 | 5 17 | 5 53 | 6 28 | 7 3 | 7 38 | 36 |
| 56 | 0 34 | 1 7 | 1 41 | 2 14 | 2 48 | 3 21 | 3 55 | 4 28 | 5 2 | 5 35 | 6 9 | 6 43 | 7 16 | 34 |
| 58 | 0 32 | 1 4 | 1 35 | 2 7 | 2 39 | 3 11 | 3 43 | 4 14 | 4 46 | 5 18 | 5 50 | 6 22 | 6 53 | 32 |
| 59 | 0 31 | 1 2 | 1 33 | 2 4 | 2 34 | 3 5 | 3 36 | 4 7 | 4 38 | 5 9 | 5 40 | 6 11 | 6 42 | 31 |
| 60 | 0 30 | 1 0 | 1 30 | 2 0 | 2 30 | 3 0 | 3 30 | 4 0 | 4 30 | 5 0 | 5 30 | 6 0 | 6 30 | 30 |
| 61 | 0 29 | 0 58 | 1 27 | 1 56 | 2 25 | 2 54 | 3 24 | 3 53 | 4 22 | 4 51 | 5 20 | 5 49 | 6 18 | 29 |
| 62 | 0 28 | 0 56 | 1 24 | 1 53 | 2 21 | 2 49 | 3 17 | 3 45 | 4 13 | 4 42 | 5 10 | 5 38 | 6 6 | 28 |
| 63 | 0 27 | 0 54 | 1 22 | 1 49 | 2 16 | 2 43 | 3 11 | 3 38 | 4 5 | 4 32 | 5 0 | 5 27 | 5 54 | 27 |
| 64 | 0 26 | 0 53 | 1 19 | 1 43 | 2 11 | 2 38 | 3 4 | 3 30 | 3 57 | 4 23 | 4 49 | 5 16 | 5 42 | 26 |
| 65 | 0 25 | 0 51 | 1 16 | 1 41 | 2 7 | 2 32 | 2 58 | 3 23 | 3 48 | 4 14 | 4 39 | 5 4 | 5 30 | 25 |
| 66 | 0 24 | 0 49 | 1 13 | 1 38 | 2 2 | 2 26 | 2 51 | 3 15 | 3 40 | 4 4 | 4 28 | 4 53 | 5 17 | 24 |
| 67 | 0 23 | 0 47 | 1 10 | 1 34 | 1 57 | 2 21 | 2 44 | 3 7 | 3 31 | 3 54 | 4 18 | 4 41 | 5 5 | 23 |
| 68 | 0 22 | 0 45 | 1 7 | 1 30 | 1 52 | 2 15 | 2 37 | 3 0 | 3 22 | 3 45 | 4 7 | 4 30 | 4 52 | 22 |
| 69 | 0 22 | 0 43 | 1 4 | 1 26 | 1 47 | 2 9 | 2 30 | 2 52 | 3 13 | 3 35 | 3 56 | 4 18 | 4 39 | 21 |
| 70 | 0 21 | 0 41 | 1 2 | 1 22 | 1 43 | 2 3 | 2 24 | 2 44 | 3 5 | 3 25 | 3 46 | 4 6 | 4 27 | 20 |
| 71 | 0 20 | 0 39 | 0 59 | 1 18 | 1 38 | 1 57 | 2 17 | 2 36 | 2 56 | 3 15 | 3 35 | 3 54 | 4 14 | 19 |
| 72 | 0 19 | 0 37 | 0 56 | 1 14 | 1 33 | 1 51 | 2 10 | 2 28 | 2 47 | 3 5 | 3 24 | 3 42 | 4 1 | 18 |
| 73 | 0 18 | 0 35 | 0 53 | 1 10 | 1 28 | 1 43 | 2 3 | 2 20 | 2 38 | 2 55 | 3 13 | 3 30 | 3 48 | 17 |
| 74 | 0 17 | 0 33 | 0 50 | 1 6 | 1 23 | 1 39 | 1 56 | 2 12 | 2 29 | 2 45 | 3 2 | 3 18 | 3 35 | 16 |
| 75 | 0 16 | 0 31 | 0 47 | 1 2 | 1 18 | 1 33 | 1 49 | 2 4 | 2 20 | 2 35 | 2 51 | 3 6 | 3 22 | 15 |
| 76 | 0 15 | 0 29 | 0 44 | 0 58 | 1 13 | 1 27 | 1 42 | 1 56 | 2 11 | 2 25 | 2 40 | 2 54 | 3 9 | 14 |
| 77 | 0 14 | 0 27 | 0 39 | 0 54 | 1 7 | 1 21 | 1 34 | 1 48 | 2 1 | 2 15 | 2 28 | 2 42 | 2 55 | 13 |
| 78 | 0 12 | 0 25 | 0 37 | 0 50 | 1 2 | 1 15 | 1 27 | 1 40 | 1 52 | 2 5 | 2 17 | 2 30 | 2 42 | 12 |
| 79 | 0 11 | 0 23 | 0 34 | 0 46 | 0 57 | 1 9 | 1 20 | 1 32 | 1 43 | 1 54 | 2 6 | 2 17 | 2 29 | 11 |
| 80 | 0 10 | 0 21 | 0 31 | 0 42 | 0 52 | 1 2 | 1 13 | 1 23 | 1 34 | 1 44 | 1 55 | 2 5 | 2 16 | 10 |
| 81 | 0 9 | 0 19 | 0 28 | 0 38 | 0 47 | 0 56 | 1 6 | 1 15 | 1 24 | 1 33 | 1 45 | 1 54 | 2 24 | 9 |
| 82 | 0 8 | 0 17 | 0 25 | 0 33 | 0 42 | 0 50 | 0 58 | 1 7 | 1 15 | 1 23 | 1 32 | 1 40 | 1 49 | 8 |
| 83 | 0 7 | 0 15 | 0 22 | 0 29 | 0 37 | 0 44 | 0 51 | 0 59 | 1 6 | 1 13 | 1 20 | 1 28 | 1 35 | 7 |
| 84 | 0 6 | 0 13 | 0 19 | 0 25 | 0 31 | 0 38 | 0 43 | 0 50 | 0 56 | 1 3 | 1 9 | 1 15 | 1 21 | 6 |
| 85 | 0 5 | 0 10 | 0 16 | 0 21 | 0 26 | 0 31 | 0 37 | 0 42 | 0 46 | 0 52 | 0 58 | 1 3 | 1 8 | 5 |
| 86 | 0 4 | 0 8 | 0 13 | 0 17 | 0 21 | 0 25 | 0 29 | 0 33 | 0 38 | 0 42 | 0 46 | 0 50 | 0 54 | 4 |
| 87 | 0 3 | 0 6 | 0 9 | 0 13 | 0 16 | 0 19 | 0 22 | 0 25 | 0 28 | 0 31 | 0 34 | 0 38 | 0 41 | 3 |
| 88 | 0 2 | 0 4 | 0 6 | 0 8 | 0 10 | 0 12 | 0 15 | 0 17 | 0 19 | 0 21 | 0 23 | 0 25 | 0 27 | 2 |
| 89 | 0 1 | 0 2 | 0 3 | 0 4 | 0 5 | 0 6 | 0 9 | 0 8 | 0 9 | 0 10 | 0 12 | 0 13 | 0 14 | 1 |
| 90 | 0 1 | 0 2 | 0 3 | 0 4 | 0 5 | 0 6 | 0 9 | 0 8 | 0 9 | 0 10 | 0 12 | 0 13 | 0 14 | 0 |

Nonagesimi Altitudo.



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*Residuum TAB. 56. Parallaxeon Macoplatice.*

| Latitud. latus. | Minuta Parallaxeos Horizontalis. | | | | | | | | | | | | | | | | | | | | | | | | Lógitud. latus. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 14 | | 15 | | 16 | | 17 | | 18 | | 19 | | 20 | | 21 | | 22 | | 23 | | 24 | | 25 | | 26 | | |
| G. | ′ | ″ | ′ | ″ | ′ | ″ | ′ | ″ | ′ | ″ | ′ | ″ | ′ | ″ | ′ | ″ | ′ | ″ | ′ | ″ | ′ | ″ | ′ | ″ | ′ | ″ | G. |
| 0 | 14 | 0 | 15 | 0 | 15 | 59 | 16 | 59 | 17 | 59 | 18 | 59 | 19 | 59 | 20 | 59 | 21 | 59 | 22 | 59 | 23 | 59 | 24 | 59 | 25 | 59 | 90 |
| 2 | 14 | 0 | 15 | 0 | 15 | 59 | 16 | 59 | 17 | 59 | 18 | 59 | 19 | 59 | 20 | 59 | 21 | 59 | 22 | 59 | 23 | 59 | 24 | 59 | 25 | 59 | 88 |
| 4 | 13 | 58 | 14 | 58 | 15 | 58 | 16 | 57 | 17 | 57 | 18 | 57 | 19 | 57 | 20 | 57 | 21 | 57 | 22 | 57 | 23 | 56 | 24 | 56 | 25 | 56 | 86 |
| 6 | 13 | 55 | 14 | 55 | 15 | 55 | 16 | 54 | 17 | 54 | 18 | 54 | 19 | 53 | 20 | 53 | 21 | 53 | 22 | 52 | 23 | 52 | 24 | 52 | 25 | 51 | 84 |
| 8 | 13 | 52 | 14 | 51 | 15 | 51 | 16 | 50 | 17 | 49 | 18 | 49 | 19 | 48 | 20 | 48 | 21 | 46 | 22 | 47 | 23 | 46 | 24 | 45 | 25 | 45 | 82 |
| 10 | 13 | 47 | 14 | 46 | 15 | 45 | 16 | 44 | 17 | 43 | 18 | 43 | 19 | 42 | 20 | 41 | 21 | 40 | 22 | 39 | 23 | 38 | 24 | 37 | 25 | 36 | 80 |
| 12 | 13 | 43 | 14 | 40 | 15 | 39 | 16 | 38 | 17 | 36 | 18 | 35 | 19 | 34 | 20 | 32 | 21 | 31 | 22 | 39 | 23 | 28 | 24 | 27 | 25 | 26 | 78 |
| 14 | 13 | 35 | 14 | 33 | 15 | 32 | 16 | 30 | 17 | 30 | 18 | 26 | 19 | 25 | 20 | 23 | 21 | 21 | 22 | 19 | 23 | 18 | 24 | 16 | 25 | 14 | 76 |
| 16 | 13 | 28 | 14 | 25 | 15 | 23 | 16 | 21 | 17 | 18 | 18 | 16 | 19 | 14 | 20 | 11 | 21 | 9 | 22 | 7 | 23 | 4 | 24 | 2 | 25 | 0 | 74 |
| 18 | 13 | 19 | 14 | 16 | 15 | 13 | 16 | 10 | 17 | 7 | 18 | 4 | 19 | 1 | 19 | 58 | 20 | 53 | 21 | 53 | 22 | 50 | 23 | 47 | 24 | 44 | 72 |
| 20 | 13 | 9 | 14 | 6 | 15 | 2 | 15 | 59 | 16 | 55 | 17 | 51 | 18 | 48 | 19 | 44 | 20 | 40 | 21 | 37 | 22 | 33 | 23 | 30 | 24 | 26 | 70 |
| 22 | 12 | 59 | 13 | 54 | 14 | 50 | 15 | 46 | 16 | 41 | 17 | 37 | 18 | 33 | 19 | 28 | 20 | 24 | 21 | 20 | 22 | 15 | 23 | 11 | 24 | 6 | 68 |
| 24 | 12 | 47 | 13 | 42 | 14 | 37 | 15 | 32 | 16 | 27 | 17 | 22 | 18 | 16 | 19 | 11 | 20 | 6 | 21 | 1 | 21 | 56 | 22 | 50 | 23 | 45 | 66 |
| 26 | 12 | 35 | 12 | 29 | 14 | 23 | 15 | 17 | 16 | 11 | 17 | 5 | 17 | 59 | 18 | 53 | 19 | 47 | 20 | 40 | 21 | 34 | 22 | 28 | 23 | 22 | 64 |
| 28 | 12 | 22 | 13 | 15 | 14 | 8 | 15 | 1 | 15 | 54 | 16 | 47 | 17 | 40 | 18 | 33 | 19 | 26 | 20 | 19 | 21 | 12 | 22 | 5 | 22 | 58 | 62 |
| 30 | 12 | 8 | 12 | 59 | 13 | 51 | 14 | 43 | 15 | 35 | 16 | 27 | 17 | 19 | 18 | 11 | 19 | 3 | 19 | 55 | 20 | 47 | 21 | 39 | 22 | 31 | 60 |
| 32 | 11 | 52 | 12 | 43 | 13 | 34 | 14 | 25 | 15 | 16 | 16 | 7 | 16 | 58 | 17 | 49 | 18 | 39 | 19 | 30 | 20 | 21 | 21 | 12 | 22 | 3 | 58 |
| 34 | 11 | 36 | 12 | 26 | 13 | 16 | 14 | 5 | 14 | 55 | 15 | 45 | 16 | 35 | 17 | 24 | 18 | 14 | 19 | 4 | 19 | 54 | 20 | 43 | 21 | 33 | 56 |
| 36 | 11 | 19 | 12 | 8 | 12 | 57 | 13 | 45 | 14 | 34 | 15 | 22 | 16 | 11 | 16 | 59 | 17 | 48 | 18 | 36 | 19 | 25 | 20 | 13 | 21 | 2 | 54 |
| 38 | 11 | 2 | 11 | 49 | 12 | 37 | 13 | 24 | 14 | 11 | 14 | 58 | 15 | 46 | 16 | 33 | 17 | 20 | 18 | 8 | 18 | 55 | 19 | 42 | 20 | 29 | 52 |
| 40 | 10 | 44 | 11 | 29 | 12 | 15 | 13 | 1 | 13 | 47 | 14 | 33 | 15 | 19 | 16 | 5 | 16 | 51 | 17 | 37 | 18 | 23 | 19 | 9 | 19 | 55 | 50 |
| 42 | 10 | 24 | 11 | 9 | 11 | 53 | 12 | 38 | 13 | 22 | 14 | 7 | 14 | 52 | 15 | 36 | 16 | 21 | 17 | 5 | 17 | 50 | 18 | 35 | 19 | 19 | 48 |
| 44 | 10 | 4 | 10 | 47 | 11 | 31 | 12 | 14 | 12 | 57 | 13 | 40 | 14 | 23 | 15 | 6 | 15 | 50 | 16 | 33 | 17 | 16 | 17 | 59 | 18 | 42 | 46 |
| 46 | 9 | 44 | 10 | 25 | 11 | 7 | 11 | 49 | 12 | 30 | 13 | 12 | 13 | 54 | 14 | 35 | 15 | 17 | 15 | 59 | 16 | 40 | 17 | 22 | 18 | 4 | 44 |
| 48 | 9 | 22 | 10 | 2 | 10 | 42 | 11 | 23 | 12 | 3 | 12 | 43 | 13 | 23 | 14 | 3 | 14 | 43 | 15 | 23 | 16 | 4 | 16 | 44 | 17 | 24 | 42 |
| 50 | 9 | 0 | 9 | 38 | 10 | 17 | 10 | 56 | 11 | 34 | 12 | 13 | 12 | 51 | 13 | 30 | 14 | 8 | 14 | 47 | 15 | 26 | 16 | 4 | 16 | 43 | 40 |
| 52 | 8 | 37 | 9 | 14 | 9 | 51 | 10 | 28 | 11 | 5 | 11 | 42 | 12 | 19 | 12 | 56 | 13 | 33 | 14 | 9 | 14 | 46 | 15 | 23 | 16 | 0 | 38 |
| 54 | 8 | 14 | 8 | 49 | 9 | 24 | 10 | 0 | 10 | 35 | 11 | 10 | 11 | 45 | 12 | 21 | 12 | 56 | 13 | 31 | 14 | 6 | 14 | 42 | 15 | 17 | 36 |
| 56 | 7 | 50 | 8 | 23 | 8 | 57 | 9 | 30 | 10 | 4 | 11 | 37 | 11 | 11 | 11 | 44 | 12 | 18 | 12 | 52 | 13 | 25 | 13 | 59 | 14 | 32 | 34 |
| 58 | 7 | 25 | 7 | 58 | 8 | 29 | 9 | 1 | 9 | 33 | 10 | 5 | 10 | 37 | 11 | 8 | 11 | 40 | 12 | 12 | 12 | 44 | 13 | 16 | 13 | 48 | 32 |
| 59 | 7 | 13 | 7 | 43 | 8 | 14 | 8 | 45 | 9 | 10 | 9 | 47 | 10 | 18 | 10 | 49 | 11 | 20 | 11 | 51 | 12 | 22 | 12 | 52 | 13 | 23 | 31 |
| 60 | 7 | 0 | 7 | 30 | 8 | 0 | 8 | 30 | 9 | 0 | 9 | 39 | 10 | 0 | 10 | 30 | 11 | 0 | 11 | 30 | 12 | 0 | 12 | 30 | 13 | 0 | 30 |
| 61 | 6 | 47 | 7 | 16 | 7 | 45 | 8 | 14 | 8 | 43 | 9 | 13 | 9 | 42 | 10 | 11 | 10 | 40 | 11 | 9 | 11 | 38 | 12 | 7 | 12 | 36 | 29 |
| 62 | 6 | 34 | 7 | 2 | 7 | 31 | 7 | 59 | 8 | 27 | 8 | 55 | 9 | 23 | 9 | 51 | 10 | 20 | 10 | 48 | 11 | 16 | 11 | 44 | 12 | 12 | 28 |
| 63 | 6 | 21 | 6 | 48 | 7 | 16 | 7 | 43 | 8 | 10 | 8 | 37 | 9 | 5 | 9 | 32 | 9 | 59 | 10 | 26 | 10 | 54 | 11 | 21 | 11 | 48 | 27 |
| 64 | 6 | 8 | 6 | 34 | 7 | 1 | 7 | 27 | 7 | 53 | 8 | 20 | 8 | 46 | 9 | 12 | 9 | 39 | 10 | 5 | 10 | 31 | 10 | 57 | 11 | 24 | 26 |
| 65 | 5 | 55 | 6 | 20 | 6 | 46 | 7 | 11 | 7 | 38 | 8 | 2 | 8 | 28 | 8 | 53 | 9 | 18 | 9 | 43 | 10 | 9 | 10 | 34 | 11 | 0 | 25 |
| 66 | 5 | 42 | 6 | 6 | 6 | 30 | 6 | 55 | 7 | 19 | 7 | 44 | 8 | 8 | 8 | 32 | 8 | 57 | 9 | 21 | 9 | 46 | 10 | 10 | 10 | 34 | 24 |
| 67 | 5 | 28 | 5 | 51 | 6 | 15 | 6 | 38 | 7 | 2 | 7 | 25 | 7 | 49 | 8 | 12 | 8 | 36 | 8 | 59 | 9 | 22 | 9 | 46 | 10 | 9 | 23 |
| 68 | 5 | 15 | 5 | 37 | 5 | 59 | 6 | 22 | 6 | 44 | 7 | 7 | 7 | 29 | 7 | 51 | 8 | 14 | 8 | 37 | 8 | 59 | 9 | 22 | 9 | 44 | 22 |
| 69 | 5 | 1 | 5 | 22 | 5 | 44 | 6 | 5 | 6 | 27 | 6 | 48 | 7 | 10 | 7 | 32 | 7 | 53 | 8 | 14 | 8 | 36 | 8 | 57 | 9 | 20 | 21 |
| 70 | 4 | 47 | 5 | 8 | 5 | 28 | 5 | 49 | 6 | 9 | 6 | 30 | 6 | 50 | 7 | 11 | 7 | 31 | 7 | 53 | 8 | 12 | 8 | 33 | 8 | 53 | 20 |
| 71 | 4 | 33 | 4 | 53 | 5 | 13 | 5 | 32 | 5 | 52 | 6 | 11 | 6 | 31 | 6 | 50 | 7 | 10 | 7 | 29 | 7 | 49 | 8 | 8 | 8 | 24 | 19 |
| 72 | 4 | 19 | 4 | 38 | 4 | 57 | 5 | 15 | 5 | 34 | 5 | 22 | 6 | 11 | 6 | 29 | 6 | 48 | 7 | 6 | 7 | 25 | 7 | 43 | 8 | 2 | 18 |
| 73 | 4 | 5 | 4 | 23 | 4 | 41 | 4 | 58 | 5 | 16 | 5 | 33 | 5 | 51 | 6 | 8 | 6 | 26 | 6 | 43 | 7 | 1 | 7 | 18 | 7 | 30 | 17 |
| 74 | 3 | 51 | 4 | 8 | 4 | 25 | 4 | 41 | 4 | 58 | 5 | 14 | 5 | 31 | 5 | 47 | 6 | 4 | 6 | 20 | 6 | 37 | 6 | 53 | 7 | 10 | 16 |
| 75 | 3 | 37 | 3 | 53 | 4 | 8 | 4 | 24 | 4 | 39 | 4 | 55 | 5 | 10 | 5 | 26 | 5 | 41 | 5 | 57 | 6 | 12 | 6 | 28 | 6 | 43 | 15 |
| 76 | 3 | 23 | 3 | 38 | 3 | 52 | 4 | 7 | 4 | 21 | 4 | 36 | 4 | 50 | 5 | 5 | 5 | 19 | 5 | 34 | 5 | 48 | 6 | 3 | 6 | 18 | 14 |
| 77 | 3 | 9 | 3 | 22 | 3 | 36 | 3 | 49 | 4 | 3 | 4 | 16 | 4 | 30 | 4 | 43 | 4 | 57 | 5 | 10 | 5 | 24 | 5 | 37 | 5 | 52 | 13 |
| 78 | 2 | 55 | 3 | 7 | 3 | 19 | 3 | 32 | 3 | 44 | 3 | 57 | 4 | 9 | 4 | 22 | 4 | 34 | 4 | 47 | 4 | 59 | 5 | 12 | 5 | 24 | 12 |
| 79 | 2 | 40 | 2 | 53 | 3 | 3 | 3 | 15 | 3 | 26 | 3 | 38 | 3 | 49 | 4 | 0 | 4 | 12 | 4 | 23 | 4 | 35 | 4 | 46 | 4 | 58 | 11 |
| 80 | 2 | 26 | 2 | 36 | 2 | 47 | 2 | 57 | 3 | 7 | 3 | 18 | 3 | 28 | 3 | 39 | 3 | 49 | 4 | 0 | 4 | 10 | 4 | 20 | 4 | 31 | 10 |
| 81 | 2 | 11 | 2 | 21 | 2 | 30 | 2 | 40 | 2 | 49 | 2 | 58 | 3 | 8 | 3 | 17 | 3 | 26 | 3 | 36 | 3 | 45 | 3 | 55 | 4 | 4 | 9 |
| 82 | 1 | 57 | 2 | 5 | 2 | 14 | 2 | 22 | 2 | 30 | 2 | 39 | 2 | 47 | 2 | 55 | 3 | 4 | 3 | 12 | 3 | 20 | 3 | 29 | 3 | 37 | 8 |
| 83 | 1 | 42 | 1 | 50 | 1 | 57 | 2 | 4 | 2 | 12 | 2 | 19 | 2 | 26 | 2 | 34 | 2 | 41 | 2 | 48 | 2 | 56 | 3 | 3 | 3 | 10 | 7 |
| 84 | 1 | 28 | 1 | 34 | 1 | 40 | 1 | 47 | 1 | 53 | 1 | 59 | 2 | 5 | 2 | 12 | 2 | 18 | 2 | 24 | 2 | 30 | 2 | 37 | 2 | 43 | 6 |
| 85 | 1 | 13 | 1 | 18 | 1 | 24 | 1 | 29 | 1 | 43 | 1 | 39 | 1 | 45 | 1 | 50 | 1 | 55 | 2 | 0 | 2 | 6 | 2 | 11 | 2 | 16 | 5 |
| 86 | 0 | 59 | 1 | 3 | 1 | 7 | 1 | 11 | 1 | 15 | 1 | 19 | 1 | 24 | 1 | 28 | 1 | 32 | 1 | 36 | 1 | 40 | 1 | 45 | 1 | 49 | 4 |
| 87 | 0 | 44 | 0 | 47 | 0 | 50 | 0 | 53 | 0 | 56 | 1 | 0 | 1 | 3 | 1 | 6 | 1 | 9 | 1 | 12 | 1 | 15 | 1 | 18 | 1 | 21 | 3 |
| 88 | 0 | 29 | 0 | 31 | 0 | 33 | 0 | 35 | 0 | 37 | 0 | 40 | 0 | 42 | 0 | 44 | 0 | 46 | 0 | 48 | 0 | 50 | 0 | 52 | 0 | 54 | 2 |
| 89 | 0 | 15 | 0 | 16 | 0 | 17 | 0 | 18 | 0 | 19 | 0 | 20 | 0 | 21 | 0 | 22 | 0 | 23 | 0 | 24 | 0 | 25 | 0 | 26 | 0 | 27 | 1 |
| 90 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 |

Nonagesimi Altitudo.

PARAL-

*Residuum TAB. 56. Parallaxis Mecoplatica.*

| Latitud. latus. | Minuta Parallaxeos Horizontalis. | | | | | | | | | | | | | | | | | | | | | | | | Lógitud. latus. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 27 | | 28 | | 29 | | 30 | | 31 | | 32 | | 33 | | 34 | | 35 | | 36 | | 37 | | 38 | | 39 | | |
| G. | ′ | ″ | ′ | ″ | ′ | ″ | ′ | ″ | ′ | ″ | ′ | ″ | ′ | ″ | ′ | ″ | ′ | ″ | ′ | ″ | ′ | ″ | ′ | ″ | ′ | ″ | G. |
| 0 | 26 | 59 | 27 | 59 | 28 | 59 | 29 | 59 | 30 | 59 | 31 | 59 | 32 | 59 | 33 | 59 | 34 | 59 | 35 | 59 | 36 | 59 | 37 | 59 | 38 | 59 | 90 |
| 2 | 26 | 59 | 27 | 59 | 28 | 59 | 29 | 59 | 30 | 59 | 31 | 59 | 32 | 59 | 33 | 59 | 34 | 59 | 35 | 59 | 36 | 59 | 37 | 59 | 38 | 59 | 88 |
| 4 | 26 | 56 | 27 | 56 | 28 | 56 | 29 | 56 | 30 | 55 | 31 | 55 | 32 | 55 | 33 | 55 | 34 | 55 | 35 | 55 | 36 | 54 | 37 | 54 | 38 | 54 | 86 |
| 6 | 26 | 51 | 27 | 51 | 28 | 50 | 29 | 50 | 30 | 50 | 31 | 49 | 32 | 49 | 33 | 49 | 34 | 48 | 35 | 48 | 36 | 48 | 37 | 47 | 38 | 47 | 84 |
| 8 | 26 | 44 | 27 | 44 | 28 | 43 | 29 | 43 | 30 | 42 | 31 | 41 | 32 | 40 | 33 | 40 | 34 | 40 | 35 | 39 | 36 | 38 | 37 | 38 | 38 | 37 | 82 |
| 10 | 26 | 35 | 27 | 34 | 28 | 33 | 29 | 33 | 30 | 32 | 31 | 30 | 32 | 30 | 33 | 29 | 34 | 28 | 35 | 27 | 36 | 26 | 37 | 25 | 38 | 24 | 80 |
| 12 | 26 | 24 | 27 | 23 | 28 | 22 | 29 | 21 | 30 | 19 | 31 | 18 | 32 | 17 | 33 | 15 | 34 | 14 | 35 | 13 | 36 | 11 | 37 | 10 | 38 | 9 | 78 |
| 14 | 26 | 12 | 27 | 11 | 28 | 9 | 29 | 7 | 30 | 5 | 31 | 3 | 32 | 0 | 33 | 0 | 33 | 58 | 34 | 56 | 35 | 55 | 36 | 53 | 37 | 51 | 76 |
| 16 | 25 | 57 | 26 | 55 | 27 | 53 | 28 | 51 | 29 | 48 | 30 | 40 | 31 | 44 | 32 | 41 | 33 | 39 | 34 | 37 | 35 | 34 | 36 | 32 | 37 | 30 | 74 |
| 18 | 25 | 41 | 26 | 38 | 27 | 35 | 28 | 32 | 29 | 29 | 30 | 26 | 31 | 23 | 32 | 20 | 33 | 17 | 34 | 14 | 35 | 11 | 36 | 9 | 37 | 6 | 72 |
| 20 | 25 | 22 | 26 | 19 | 27 | 15 | 28 | 12 | 29 | 8 | 30 | 4 | 31 | 1 | 31 | 57 | 32 | 53 | 33 | 50 | 34 | 46 | 35 | 43 | 36 | 39 | 70 |
| 22 | 25 | 2 | 25 | 58 | 26 | 53 | 27 | 49 | 28 | 45 | 29 | 40 | 30 | 36 | 31 | 32 | 32 | 27 | 33 | 23 | 34 | 18 | 35 | 14 | 36 | 10 | 68 |
| 24 | 24 | 40 | 25 | 35 | 26 | 30 | 27 | 25 | 28 | 23 | 29 | 14 | 30 | 9 | 31 | 4 | 31 | 59 | 32 | 53 | 33 | 48 | 34 | 43 | 35 | 38 | 66 |
| 26 | 24 | 16 | 25 | 10 | 26 | 4 | 26 | 58 | 27 | 52 | 28 | 46 | 29 | 40 | 30 | 34 | 31 | 28 | 32 | 22 | 33 | 16 | 34 | 9 | 35 | 3 | 64 |
| 28 | 23 | 51 | 24 | 44 | 25 | 37 | 26 | 30 | 27 | 22 | 28 | 15 | 29 | 8 | 30 | 1 | 30 | 54 | 31 | 47 | 32 | 40 | 33 | 33 | 34 | 26 | 62 |
| 30 | 23 | 23 | 24 | 15 | 25 | 7 | 25 | 59 | 26 | 51 | 27 | 43 | 28 | 35 | 29 | 27 | 30 | 19 | 31 | 11 | 32 | 3 | 32 | 55 | 33 | 47 | 60 |
| 32 | 22 | 54 | 23 | 45 | 24 | 36 | 25 | 27 | 26 | 17 | 27 | 26 | 27 | 59 | 28 | 50 | 29 | 41 | 30 | 32 | 31 | 23 | 32 | 14 | 33 | 4 | 58 |
| 34 | 22 | 23 | 23 | 13 | 24 | 2 | 24 | 52 | 25 | 42 | 26 | 31 | 27 | 21 | 28 | 11 | 29 | 1 | 29 | 50 | 30 | 40 | 31 | 30 | 32 | 20 | 56 |
| 36 | 21 | 50 | 22 | 39 | 23 | 27 | 24 | 16 | 25 | 5 | 25 | 53 | 26 | 42 | 27 | 30 | 28 | 19 | 29 | 7 | 29 | 56 | 30 | 44 | 31 | 33 | 54 |
| 38 | 21 | 17 | 22 | 4 | 22 | 51 | 23 | 39 | 24 | 26 | 25 | 13 | 26 | 0 | 26 | 48 | 27 | 35 | 28 | 22 | 29 | 9 | 29 | 57 | 30 | 44 | 52 |
| 40 | 20 | 41 | 21 | 27 | 22 | 13 | 22 | 59 | 23 | 45 | 24 | 31 | 25 | 17 | 26 | 3 | 26 | 49 | 27 | 35 | 28 | 21 | 29 | 7 | 29 | 53 | 50 |
| 42 | 20 | 4 | 20 | 48 | 21 | 33 | 22 | 18 | 23 | 2 | 33 | 46 | 24 | 31 | 25 | 16 | 26 | 0 | 26 | 45 | 27 | 30 | 28 | 14 | 28 | 59 | 48 |
| 44 | 19 | 25 | 20 | 9 | 20 | 52 | 21 | 35 | 22 | 18 | 23 | 1 | 23 | 44 | 24 | 28 | 25 | 11 | 25 | 54 | 26 | 37 | 27 | 20 | 28 | 3 | 46 |
| 46 | 18 | 45 | 19 | 27 | 20 | 9 | 20 | 51 | 21 | 32 | 22 | 14 | 22 | 56 | 23 | 37 | 24 | 19 | 25 | 1 | 25 | 42 | 26 | 24 | 27 | 6 | 44 |
| 48 | 18 | 4 | 18 | 44 | 19 | 24 | 20 | 5 | 20 | 45 | 21 | 25 | 22 | 5 | 22 | 45 | 23 | 25 | 24 | 5 | 24 | 46 | 25 | 26 | 26 | 6 | 42 |
| 50 | 17 | 21 | 18 | 0 | 18 | 38 | 19 | 17 | 19 | 56 | 20 | 34 | 21 | 13 | 21 | 51 | 22 | 30 | 23 | 8 | 23 | 47 | 24 | 26 | 25 | 4 | 40 |
| 52 | 16 | 37 | 17 | 14 | 17 | 51 | 18 | 28 | 19 | 5 | 19 | 42 | 20 | 19 | 20 | 56 | 21 | 33 | 22 | 10 | 22 | 57 | 23 | 23 | 24 | 0 | 38 |
| 54 | 15 | 52 | 16 | 27 | 17 | 3 | 17 | 38 | 18 | 13 | 18 | 48 | 19 | 24 | 19 | 59 | 20 | 34 | 21 | 10 | 21 | 45 | 22 | 20 | 22 | 55 | 36 |
| 56 | 15 | 5 | 15 | 39 | 16 | 12 | 16 | 47 | 17 | 20 | 17 | 53 | 18 | 27 | 19 | 1 | 19 | 34 | 20 | 8 | 20 | 41 | 21 | 15 | 21 | 48 | 34 |
| 58 | 14 | 19 | 14 | 51 | 15 | 23 | 15 | 54 | 16 | 26 | 16 | 57 | 17 | 29 | 18 | 1 | 18 | 33 | 19 | 5 | 19 | 37 | 20 | 8 | 20 | 40 | 32 |
| 59 | 13 | 54 | 14 | 25 | 14 | 56 | 15 | 27 | 15 | 58 | 16 | 29 | 17 | 0 | 17 | 31 | 18 | 1 | 18 | 32 | 19 | 3 | 19 | 34 | 20 | 50 | 31 |
| 60 | 13 | 30 | 14 | 0 | 14 | 30 | 15 | 0 | 15 | 30 | 16 | 0 | 16 | 30 | 17 | 0 | 17 | 30 | 18 | 0 | 18 | 30 | 19 | 0 | 19 | 30 | 30 |
| 61 | 13 | 5 | 13 | 34 | 14 | 3 | 14 | 33 | 15 | 2 | 15 | 30 | 16 | 0 | 16 | 29 | 16 | 58 | 17 | 27 | 17 | 56 | 18 | 25 | 18 | 54 | 29 |
| 62 | 12 | 40 | 13 | 9 | 13 | 37 | 14 | 5 | 14 | 33 | 15 | 1 | 15 | 29 | 15 | 58 | 16 | 26 | 16 | 54 | 17 | 22 | 17 | 50 | 18 | 18 | 28 |
| 63 | 12 | 15 | 12 | 43 | 13 | 10 | 13 | 37 | 14 | 4 | 14 | 31 | 14 | 59 | 15 | 26 | 15 | 53 | 16 | 20 | 16 | 48 | 17 | 15 | 17 | 42 | 27 |
| 64 | 11 | 50 | 12 | 16 | 12 | 43 | 13 | 9 | 13 | 35 | 14 | 1 | 14 | 28 | 14 | 34 | 15 | 20 | 15 | 47 | 16 | 13 | 16 | 39 | 17 | 6 | 26 |
| 65 | 11 | 25 | 11 | 50 | 12 | 16 | 12 | 41 | 13 | 6 | 13 | 31 | 13 | 57 | 14 | 22 | 14 | 48 | 15 | 13 | 15 | 39 | 16 | 4 | 16 | 29 | 25 |
| 66 | 10 | 59 | 11 | 23 | 11 | 48 | 12 | 12 | 12 | 36 | 13 | 1 | 13 | 25 | 13 | 50 | 14 | 14 | 14 | 38 | 15 | 3 | 15 | 27 | 15 | 52 | 24 |
| 67 | 10 | 33 | 10 | 56 | 11 | 20 | 11 | 43 | 12 | 6 | 12 | 30 | 12 | 53 | 13 | 17 | 13 | 40 | 14 | 4 | 14 | 27 | 14 | 50 | 15 | 14 | 23 |
| 68 | 10 | 7 | 10 | 29 | 10 | 52 | 11 | 14 | 11 | 36 | 11 | 59 | 12 | 21 | 12 | 44 | 13 | 6 | 13 | 29 | 13 | 51 | 14 | 14 | 14 | 36 | 22 |
| 69 | 9 | 40 | 10 | 12 | 10 | 23 | 10 | 45 | 11 | 6 | 11 | 28 | 11 | 49 | 12 | 11 | 12 | 32 | 12 | 54 | 13 | 15 | 13 | 37 | 13 | 58 | 21 |
| 70 | 9 | 14 | 9 | 34 | 9 | 55 | 10 | 16 | 10 | 36 | 10 | 56 | 11 | 17 | 11 | 38 | 11 | 58 | 12 | 19 | 12 | 39 | 13 | 0 | 13 | 20 | 20 |
| 71 | 8 | 47 | 9 | 7 | 9 | 26 | 9 | 46 | 10 | 6 | 10 | 25 | 10 | 45 | 11 | 4 | 11 | 24 | 11 | 43 | 12 | 3 | 12 | 22 | 13 | 42 | 19 |
| 72 | 8 | 20 | 8 | 39 | 8 | 57 | 9 | 16 | 9 | 35 | 9 | 53 | 10 | 12 | 10 | 30 | 10 | 49 | 11 | 7 | 11 | 26 | 11 | 44 | 12 | 3 | 18 |
| 73 | 7 | 53 | 8 | 11 | 8 | 28 | 8 | 46 | 9 | 4 | 9 | 21 | 9 | 39 | 9 | 56 | 10 | 14 | 10 | 31 | 10 | 49 | 11 | 6 | 11 | 24 | 17 |
| 74 | 7 | 26 | 7 | 43 | 7 | 59 | 8 | 16 | 8 | 33 | 8 | 49 | 9 | 6 | 9 | 22 | 9 | 39 | 9 | 55 | 10 | 12 | 10 | 28 | 10 | 45 | 16 |
| 75 | 6 | 59 | 7 | 14 | 7 | 30 | 7 | 46 | 8 | 1 | 8 | 16 | 8 | 32 | 8 | 48 | 9 | 4 | 9 | 19 | 9 | 34 | 9 | 50 | 10 | 5 | 15 |
| 76 | 6 | 32 | 6 | 46 | 7 | 1 | 7 | 16 | 7 | 30 | 7 | 44 | 7 | 59 | 8 | 14 | 8 | 28 | 8 | 43 | 8 | 57 | 9 | 12 | 9 | 26 | 14 |
| 77 | 6 | 4 | 6 | 18 | 6 | 31 | 6 | 45 | 6 | 58 | 7 | 12 | 7 | 25 | 7 | 38 | 7 | 52 | 8 | 6 | 8 | 19 | 8 | 33 | 8 | 46 | 13 |
| 78 | 5 | 37 | 5 | 49 | 6 | 2 | 6 | 14 | 6 | 26 | 6 | 39 | 6 | 51 | 7 | 4 | 7 | 16 | 7 | 29 | 7 | 41 | 7 | 54 | 8 | 6 | 12 |
| 79 | 5 | 9 | 5 | 21 | 5 | 32 | 5 | 44 | 5 | 55 | 6 | 6 | 6 | 18 | 6 | 29 | 6 | 41 | 6 | 52 | 6 | 59 | 7 | 15 | 7 | 27 | 11 |
| 80 | 4 | 41 | 4 | 52 | 5 | 2 | 5 | 13 | 5 | 23 | 5 | 33 | 5 | 44 | 5 | 54 | 6 | 5 | 6 | 15 | 6 | 24 | 6 | 36 | 6 | 46 | 10 |
| 81 | 4 | 13 | 4 | 23 | 4 | 32 | 4 | 42 | 4 | 51 | 5 | 0 | 5 | 10 | 5 | 19 | 5 | 28 | 5 | 38 | 5 | 47 | 5 | 57 | 6 | 6 | 9 |
| 82 | 3 | 45 | 3 | 54 | 4 | 2 | 4 | 11 | 4 | 19 | 4 | 27 | 4 | 36 | 4 | 44 | 4 | 52 | 5 | 1 | 5 | 9 | 5 | 17 | 5 | 26 | 8 |
| 83 | 3 | 18 | 3 | 25 | 3 | 32 | 3 | 40 | 3 | 47 | 3 | 54 | 4 | 1 | 4 | 9 | 4 | 16 | 4 | 23 | 4 | 31 | 4 | 38 | 4 | 45 | 7 |
| 84 | 2 | 49 | 2 | 55 | 3 | 2 | 3 | 8 | 3 | 14 | 3 | 20 | 3 | 27 | 3 | 33 | 3 | 39 | 3 | 46 | 3 | 52 | 3 | 58 | 4 | 4 | 6 |
| 85 | 2 | 21 | 2 | 27 | 2 | 32 | 2 | 37 | 2 | 42 | 2 | 47 | 2 | 53 | 2 | 58 | 3 | 3 | 3 | 8 | 3 | 14 | 3 | 19 | 3 | 24 | 5 |
| 86 | 1 | 53 | 1 | 57 | 2 | 1 | 2 | 6 | 2 | 10 | 2 | 14 | 2 | 18 | 2 | 22 | 2 | 26 | 2 | 31 | 2 | 35 | 2 | 39 | 2 | 43 | 4 |
| 87 | 1 | 25 | 1 | 28 | 1 | 31 | 1 | 34 | 1 | 37 | 1 | 40 | 1 | 43 | 1 | 47 | 1 | 50 | 1 | 53 | 1 | 56 | 1 | 59 | 2 | 2 | 3 |
| 88 | 0 | 56 | 0 | 59 | 1 | 0 | 1 | 3 | 1 | 5 | 1 | 6 | 1 | 9 | 1 | 11 | 1 | 13 | 1 | 15 | 1 | 17 | 1 | 19 | 1 | 21 | 2 |
| 89 | 0 | 28 | 0 | 29 | 0 | 30 | 0 | 32 | 0 | 33 | 0 | 33 | 0 | 35 | 0 | 36 | 0 | 37 | 0 | 38 | 0 | 39 | 0 | 40 | 0 | 41 | 1 |
| 90 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 |

Nonagessimi Altitudo.

*Residuum TAB. 56. Parallaxis Mecoplatica.*

| Latitud. latus. | Minuta Parallaxeos Horizontalis. | | | | | | | | | | | | | | | | | | | | | | | | Lõgitud. latus. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 40 | | 41 | | 42 | | 43 | | 44 | | 45 | | 46 | | 47 | | 48 | | 49 | | 50 | | 51 | | 52 | | |
| G. | ′ | ″ | ′ | ″ | ′ | ″ | ′ | ″ | ′ | ″ | ′ | ″ | ′ | ″ | ′ | ″ | ′ | ″ | ′ | ″ | ′ | ″ | ′ | ″ | ′ | ″ | G. |
| 0 | 39 | 59 | 40 | 59 | 41 | 59 | 42 | 59 | 43 | 59 | 44 | 58 | 45 | 58 | 46 | 58 | 47 | 58 | 48 | 58 | 49 | 58 | 50 | 58 | 51 | 58 | 90 |
| 2 | 39 | 59 | 40 | 59 | 41 | 59 | 42 | 59 | 43 | 59 | 44 | 58 | 45 | 58 | 46 | 58 | 47 | 58 | 48 | 58 | 49 | 58 | 50 | 58 | 51 | 58 | 88 |
| 4 | 39 | 54 | 40 | 54 | 41 | 54 | 42 | 44 | 43 | 53 | 44 | 53 | 45 | 53 | 46 | 53 | 47 | 53 | 48 | 53 | 49 | 52 | 50 | 52 | 51 | 52 | 86 |
| 6 | 39 | 47 | 40 | 46 | 41 | 46 | 42 | 46 | 43 | 43 | 44 | 45 | 45 | 45 | 46 | 44 | 47 | 44 | 48 | 44 | 49 | 43 | 50 | 43 | 51 | 43 | 84 |
| 8 | 39 | 37 | 40 | 36 | 41 | 35 | 42 | 35 | 43 | 34 | 44 | 34 | 45 | 33 | 46 | 33 | 47 | 32 | 48 | 31 | 49 | 31 | 50 | 30 | 51 | 30 | 82 |
| 10 | 39 | 23 | 40 | 22 | 41 | 21 | 42 | 21 | 43 | 20 | 44 | 19 | 45 | 18 | 46 | 17 | 47 | 16 | 48 | 15 | 49 | 14 | 50 | 13 | 51 | 12 | 80 |
| 12 | 39 | 7 | 40 | 6 | 41 | 5 | 42 | 3 | 43 | 2 | 44 | 1 | 44 | 59 | 45 | 58 | 46 | 57 | 47 | 55 | 48 | 54 | 49 | 53 | 50 | 52 | 78 |
| 14 | 38 | 49 | 39 | 48 | 40 | 46 | 41 | 44 | 42 | 42 | 43 | 40 | 44 | 39 | 45 | 37 | 46 | 35 | 47 | 33 | 48 | 32 | 49 | 30 | 50 | 28 | 76 |
| 16 | 38 | 27 | 39 | 25 | 40 | 23 | 41 | 20 | 42 | 18 | 43 | 16 | 44 | 13 | 45 | 11 | 46 | 9 | 47 | 6 | 48 | 4 | 49 | 2 | 50 | 0 | 74 |
| 18 | 38 | 3 | 39 | 0 | 39 | 57 | 40 | 54 | 41 | 51 | 42 | 58 | 43 | 45 | 44 | 42 | 45 | 39 | 46 | 36 | 47 | 33 | 48 | 30 | 49 | 27 | 72 |
| 20 | 37 | 35 | 38 | 32 | 39 | 28 | 40 | 24 | 41 | 21 | 42 | 17 | 43 | 14 | 44 | 10 | 45 | 6 | 46 | 3 | 46 | 59 | 47 | 56 | 48 | 52 | 70 |
| 22 | 37 | 5 | 38 | 1 | 38 | 57 | 39 | 52 | 40 | 48 | 41 | 43 | 42 | 39 | 43 | 39 | 44 | 30 | 45 | 26 | 46 | 22 | 47 | 17 | 48 | 13 | 68 |
| 24 | 36 | 33 | 37 | 27 | 38 | 22 | 39 | 17 | 40 | 12 | 41 | 7 | 42 | 2 | 42 | 56 | 43 | 51 | 44 | 46 | 45 | 41 | 46 | 36 | 47 | 30 | 66 |
| 26 | 35 | 57 | 36 | 51 | 37 | 45 | 38 | 39 | 39 | 33 | 40 | 27 | 41 | 21 | 42 | 15 | 43 | 9 | 44 | 3 | 44 | 57 | 45 | 51 | 46 | 45 | 64 |
| 28 | 35 | 19 | 36 | 12 | 37 | 5 | 38 | 58 | 38 | 51 | 39 | 44 | 40 | 37 | 41 | 30 | 42 | 23 | 43 | 16 | 44 | 9 | 45 | 2 | 45 | 55 | 62 |
| 30 | 34 | 39 | 35 | 31 | 36 | 23 | 37 | 15 | 38 | 7 | 38 | 58 | 39 | 50 | 40 | 42 | 41 | 34 | 42 | 26 | 43 | 18 | 44 | 10 | 45 | 2 | 60 |
| 32 | 33 | 55 | 34 | 46 | 35 | 37 | 36 | 28 | 37 | 19 | 38 | 10 | 39 | 1 | 39 | 52 | 40 | 42 | 41 | 33 | 42 | 24 | 43 | 15 | 44 | 6 | 58 |
| 34 | 33 | 9 | 33 | 59 | 34 | 49 | 35 | 39 | 36 | 28 | 37 | 18 | 38 | 8 | 38 | 57 | 39 | 47 | 40 | 37 | 41 | 27 | 42 | 16 | 43 | 6 | 56 |
| 36 | 32 | 21 | 33 | 10 | 33 | 58 | 34 | 47 | 35 | 35 | 36 | 24 | 37 | 15 | 38 | 1 | 38 | 50 | 39 | 38 | 40 | 27 | 41 | 15 | 42 | 4 | 54 |
| 38 | 31 | 31 | 32 | 19 | 32 | 8 | 33 | 53 | 34 | 40 | 35 | 28 | 36 | 5 | 37 | 2 | 37 | 50 | 38 | 37 | 39 | 24 | 40 | 11 | 40 | 59 | 52 |
| 40 | 30 | 29 | 31 | 25 | 32 | 11 | 32 | 57 | 33 | 43 | 34 | 28 | 35 | 14 | 36 | 1 | 36 | 46 | 37 | 32 | 38 | 18 | 39 | 4 | 39 | 50 | 50 |
| 42 | 29 | 43 | 30 | 28 | 31 | 12 | 31 | 57 | 32 | 42 | 33 | 26 | 34 | 11 | 34 | 55 | 35 | 40 | 36 | 25 | 37 | 9 | 37 | 54 | 38 | 38 | 48 |
| 44 | 28 | 47 | 29 | 30 | 30 | 13 | 30 | 56 | 31 | 39 | 32 | 22 | 33 | 6 | 33 | 49 | 34 | 32 | 35 | 15 | 35 | 58 | 36 | 41 | 37 | 25 | 46 |
| 46 | 27 | 47 | 28 | 29 | 29 | 11 | 29 | 52 | 30 | 34 | 31 | 16 | 31 | 57 | 32 | 39 | 33 | 21 | 34 | 2 | 34 | 44 | 35 | 26 | 36 | 8 | 44 |
| 48 | 26 | 46 | 27 | 26 | 28 | 6 | 28 | 46 | 29 | 27 | 30 | 7 | 30 | 47 | 31 | 27 | 32 | 7 | 32 | 47 | 33 | 27 | 34 | 8 | 34 | 48 | 42 |
| 50 | 25 | 43 | 26 | 21 | 27 | 0 | 27 | 38 | 28 | 17 | 28 | 55 | 29 | 34 | 30 | 13 | 30 | 51 | 31 | 30 | 32 | 8 | 32 | 47 | 33 | 25 | 40 |
| 52 | 24 | 37 | 25 | 14 | 25 | 51 | 26 | 28 | 27 | 5 | 27 | 42 | 28 | 19 | 28 | 56 | 29 | 13 | 30 | 10 | 30 | 47 | 31 | 24 | 32 | 1 | 38 |
| 54 | 23 | 31 | 24 | 6 | 24 | 41 | 25 | 6 | 25 | 52 | 26 | 27 | 27 | 2 | 27 | 38 | 28 | 13 | 28 | 48 | 29 | 23 | 29 | 59 | 30 | 34 | 36 |
| 56 | 22 | 22 | 22 | 56 | 23 | 29 | 24 | 3 | 24 | 36 | 25 | 10 | 25 | 43 | 26 | 17 | 26 | 50 | 27 | 24 | 27 | 57 | 28 | 31 | 29 | 5 | 34 |
| 58 | 21 | 12 | 21 | 44 | 22 | 16 | 22 | 47 | 23 | 19 | 23 | 51 | 24 | 23 | 24 | 55 | 25 | 26 | 25 | 58 | 26 | 30 | 27 | 2 | 27 | 34 | 32 |
| 59 | 20 | 36 | 20 | 7 | 21 | 38 | 22 | 9 | 22 | 40 | 23 | 10 | 23 | 41 | 24 | 12 | 24 | 43 | 25 | 14 | 25 | 45 | 26 | 16 | 26 | 47 | 31 |
| 60 | 20 | 0 | 20 | 30 | 21 | 0 | 21 | 30 | 22 | 0 | 22 | 30 | 23 | 0 | 23 | 30 | 24 | 0 | 24 | 30 | 25 | 0 | 25 | 30 | 26 | 0 | 30 |
| 61 | 19 | 23 | 19 | 52 | 20 | 21 | 20 | 51 | 21 | 20 | 21 | 49 | 22 | 18 | 22 | 47 | 23 | 16 | 23 | 45 | 24 | 14 | 24 | 43 | 25 | 12 | 29 |
| 62 | 18 | 47 | 19 | 15 | 19 | 43 | 20 | 11 | 20 | 39 | 21 | 7 | 21 | 36 | 22 | 4 | 22 | 32 | 23 | 0 | 23 | 28 | 23 | 56 | 24 | 25 | 28 |
| 63 | 18 | 9 | 18 | 37 | 19 | 4 | 19 | 31 | 19 | 58 | 20 | 25 | 20 | 53 | 21 | 20 | 21 | 47 | 22 | 14 | 22 | 42 | 23 | 9 | 23 | 36 | 27 |
| 64 | 17 | 32 | 17 | 58 | 18 | 25 | 18 | 51 | 19 | 17 | 19 | 43 | 20 | 10 | 20 | 36 | 21 | 2 | 21 | 29 | 21 | 55 | 22 | 21 | 22 | 48 | 26 |
| 65 | 16 | 55 | 17 | 20 | 17 | 45 | 18 | 11 | 18 | 36 | 19 | 1 | 19 | 27 | 19 | 52 | 20 | 18 | 20 | 43 | 21 | 8 | 21 | 43 | 21 | 59 | 25 |
| 66 | 16 | 16 | 16 | 40 | 17 | 5 | 17 | 29 | 17 | 54 | 18 | 18 | 18 | 42 | 19 | 7 | 19 | 31 | 19 | 56 | 20 | 20 | 20 | 44 | 21 | 9 | 24 |
| 67 | 15 | 37 | 16 | 1 | 16 | 24 | 16 | 48 | 17 | 11 | 17 | 34 | 17 | 58 | 18 | 21 | 18 | 45 | 19 | 8 | 19 | 32 | 19 | 55 | 20 | 19 | 23 |
| 68 | 14 | 59 | 15 | 21 | 15 | 44 | 16 | 6 | 16 | 29 | 16 | 51 | 17 | 13 | 17 | 36 | 17 | 58 | 18 | 21 | 18 | 43 | 19 | 6 | 19 | 28 | 22 |
| 69 | 14 | 20 | 14 | 41 | 15 | 3 | 15 | 24 | 15 | 46 | 16 | 7 | 16 | 29 | 16 | 50 | 17 | 12 | 17 | 23 | 17 | 55 | 18 | 16 | 18 | 38 | 21 |
| 70 | 13 | 41 | 14 | 1 | 14 | 22 | 14 | 42 | 15 | 3 | 15 | 23 | 15 | 44 | 16 | 4 | 16 | 25 | 16 | 45 | 17 | 6 | 17 | 26 | 17 | 47 | 20 |
| 71 | 13 | 1 | 13 | 21 | 13 | 40 | 14 | 0 | 14 | 19 | 14 | 39 | 14 | 59 | 15 | 18 | 15 | 38 | 15 | 57 | 16 | 17 | 16 | 36 | 16 | 56 | 19 |
| 72 | 12 | 21 | 12 | 40 | 12 | 58 | 13 | 17 | 13 | 35 | 13 | 54 | 14 | 13 | 14 | 31 | 14 | 50 | 15 | 8 | 15 | 27 | 15 | 45 | 16 | 4 | 18 |
| 73 | 11 | 41 | 11 | 59 | 12 | 16 | 12 | 34 | 12 | 51 | 13 | 9 | 13 | 17 | 13 | 44 | 14 | 2 | 14 | 19 | 14 | 37 | 14 | 54 | 15 | 12 | 17 |
| 74 | 11 | 1 | 11 | 18 | 11 | 34 | 11 | 51 | 12 | 7 | 12 | 24 | 12 | 41 | 12 | 57 | 13 | 14 | 13 | 30 | 13 | 47 | 14 | 3 | 14 | 20 | 16 |
| 75 | 10 | 21 | 10 | 36 | 10 | 52 | 11 | 7 | 11 | 23 | 11 | 38 | 11 | 54 | 12 | 9 | 12 | 15 | 12 | 40 | 12 | 56 | 13 | 11 | 13 | 27 | 15 |
| 76 | 9 | 41 | 9 | 55 | 10 | 10 | 10 | 24 | 10 | 39 | 10 | 53 | 11 | 8 | 11 | 22 | 11 | 37 | 11 | 51 | 12 | 6 | 12 | 20 | 12 | 35 | 14 |
| 77 | 9 | 0 | 9 | 13 | 9 | 27 | 9 | 40 | 9 | 54 | 10 | 7 | 10 | 21 | 10 | 34 | 10 | 48 | 11 | 1 | 11 | 15 | 11 | 28 | 11 | 42 | 13 |
| 78 | 8 | 19 | 8 | 31 | 8 | 44 | 8 | 56 | 9 | 9 | 9 | 21 | 9 | 33 | 9 | 46 | 9 | 58 | 10 | 11 | 10 | 23 | 10 | 36 | 10 | 48 | 12 |
| 79 | 7 | 38 | 7 | 49 | 8 | 1 | 8 | 12 | 8 | 24 | 8 | 35 | 8 | 47 | 8 | 58 | 9 | 10 | 9 | 21 | 9 | 32 | 9 | 44 | 9 | 55 | 11 |
| 80 | 6 | 57 | 7 | 7 | 7 | 17 | 7 | 28 | 7 | 38 | 7 | 49 | 7 | 59 | 8 | 10 | 8 | 20 | 8 | 30 | 8 | 41 | 8 | 51 | 9 | 2 | 10 |
| 81 | 6 | 15 | 6 | 25 | 6 | 34 | 6 | 43 | 6 | 53 | 7 | 2 | 7 | 12 | 7 | 21 | 7 | 30 | 7 | 40 | 7 | 49 | 7 | 59 | 8 | 8 | 9 |
| 82 | 5 | 34 | 5 | 42 | 5 | 51 | 5 | 59 | 6 | 7 | 6 | 16 | 6 | 24 | 6 | 32 | 6 | 41 | 6 | 49 | 6 | 57 | 7 | 6 | 7 | 14 | 8 |
| 83 | 4 | 53 | 5 | 0 | 5 | 7 | 5 | 15 | 5 | 22 | 5 | 29 | 5 | 37 | 5 | 44 | 5 | 51 | 5 | 59 | 6 | 6 | 6 | 13 | 6 | 20 | 7 |
| 84 | 4 | 11 | 4 | 17 | 4 | 23 | 4 | 29 | 4 | 36 | 4 | 42 | 4 | 48 | 4 | 55 | 5 | 1 | 5 | 7 | 5 | 13 | 5 | 20 | 5 | 26 | 6 |
| 85 | 3 | 29 | 3 | 35 | 3 | 40 | 3 | 45 | 3 | 50 | 3 | 55 | 4 | 1 | 4 | 6 | 4 | 11 | 4 | 16 | 4 | 22 | 4 | 27 | 4 | 32 | 5 |
| 86 | 2 | 47 | 2 | 52 | 2 | 56 | 3 | 0 | 3 | 4 | 3 | 8 | 3 | 12 | 3 | 17 | 3 | 21 | 3 | 25 | 3 | 29 | 3 | 33 | 3 | 38 | 4 |
| 87 | 2 | 5 | 2 | 8 | 2 | 12 | 2 | 15 | 2 | 18 | 2 | 21 | 2 | 24 | 2 | 27 | 2 | 30 | 2 | 34 | 2 | 37 | 2 | 40 | 2 | 43 | 3 |
| 88 | 1 | 24 | 1 | 25 | 1 | 26 | 1 | 30 | 1 | 32 | 1 | 34 | 1 | 36 | 1 | 38 | 1 | 40 | 1 | 42 | 1 | 44 | 1 | 46 | 1 | 48 | 2 |
| 89 | 0 | 42 | 0 | 43 | 0 | 44 | 0 | 45 | 0 | 46 | 0 | 47 | 0 | 48 | 0 | 49 | 0 | 50 | 0 | 51 | 0 | 52 | 0 | 54 | 0 | 55 | 1 |
| 90 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 |

Nonagesimi Altitudo.

PARAL-

*Residuum TAB. 56. Parallaxeos Mecoplatica.*

| Latitud. latus. | Minuta Parallaxeos Horizontalis. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Lõgitud. latus. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 53 | | 54 | | 55 | | 56 | | 57 | | 58 | | 59 | | 60 | | 61 | | 62 | | 63 | | 64 | | 65 | | 66 | | | |
| G. | ′ | ″ | ′ | ″ | ′ | ″ | ′ | ″ | ′ | ″ | ′ | ″ | ′ | ″ | ′ | ″ | ′ | ″ | ′ | ″ | ′ | ″ | ′ | ″ | ′ | ″ | ′ | ″ | | G. |
| 0 | 52 | 58 | 53 | 58 | 54 | 58 | 55 | 58 | 56 | 58 | 57 | 58 | 58 | 58 | 59 | 58 | 60 | 58 | 61 | 58 | 62 | 58 | 63 | 58 | 64 | 58 | 65 | 58 | | 90 |
| 2 | 52 | 58 | 53 | 58 | 54 | 58 | 55 | 58 | 56 | 58 | 57 | 58 | 58 | 58 | 59 | 58 | 60 | 58 | 61 | 58 | 62 | 58 | 63 | 58 | 64 | 58 | 65 | 58 | | 88 |
| 4 | 52 | 52 | 53 | 52 | 54 | 52 | 55 | 52 | 56 | 50 | 57 | 50 | 58 | 50 | 59 | 50 | 60 | 50 | 61 | 50 | 62 | 50 | 63 | 50 | 64 | 50 | 65 | 50 | | 86 |
| 6 | 52 | 42 | 53 | 42 | 54 | 42 | 55 | 41 | 56 | 41 | 57 | 41 | 58 | 40 | 59 | 40 | 60 | 40 | 61 | 40 | 62 | 39 | 63 | 39 | 64 | 38 | 65 | 38 | | 84 |
| 8 | 52 | 29 | 53 | 28 | 54 | 28 | 55 | 27 | 56 | 27 | 57 | 26 | 58 | 26 | 59 | 25 | 60 | 24 | 61 | 24 | 62 | 23 | 63 | 23 | 64 | 22 | 65 | 21 | | 82 |
| 10 | 52 | 11 | 53 | 10 | 54 | 10 | 55 | 9 | 56 | 8 | 57 | 7 | 58 | 6 | 59 | 5 | 60 | 4 | 61 | 2 | 62 | 2 | 63 | 1 | 64 | 0 | 64 | 59 | | 80 |
| 12 | 51 | 50 | 52 | 49 | 53 | 48 | 54 | 46 | 55 | 45 | 56 | 44 | 57 | 42 | 58 | 41 | 59 | 40 | 60 | 38 | 61 | 37 | 62 | 36 | 63 | 34 | 64 | 33 | | 78 |
| 14 | 51 | 26 | 52 | 25 | 53 | 23 | 54 | 21 | 55 | 19 | 56 | 18 | 57 | 16 | 58 | 14 | 59 | 12 | 60 | 10 | 61 | 10 | 62 | 7 | 63 | 5 | 64 | 3 | | 76 |
| 16 | 50 | 57 | 51 | 55 | 52 | 53 | 53 | 5 | 54 | 48 | 55 | 46 | 56 | 43 | 56 | 41 | 58 | 39 | 59 | 36 | 60 | 34 | 61 | 32 | 62 | 29 | 63 | 27 | | 74 |
| 18 | 50 | 25 | 51 | 22 | 52 | 19 | 53 | 16 | 54 | 13 | 55 | 10 | 56 | 7 | 57 | 4 | 58 | 1 | 58 | 58 | 59 | 55 | 60 | 52 | 61 | 49 | 62 | 46 | | 72 |
| 20 | 49 | 48 | 50 | 45 | 51 | 41 | 52 | 37 | 53 | 34 | 54 | 30 | 55 | 27 | 56 | 24 | 57 | 20 | 58 | 16 | 59 | 14 | 60 | 11 | 61 | 5 | 62 | 2 | | 70 |
| 22 | 49 | 9 | 50 | 4 | 51 | 0 | 51 | 55 | 52 | 51 | 53 | 47 | 54 | 42 | 55 | 38 | 56 | 34 | 57 | 28 | 58 | 25 | 59 | 21 | 60 | 16 | 61 | 12 | | 68 |
| 24 | 48 | 25 | 49 | 20 | 50 | 15 | 51 | 10 | 52 | 5 | 52 | 59 | 53 | 54 | 54 | 49 | 55 | 44 | 56 | 46 | 57 | 33 | 58 | 28 | 59 | 23 | 60 | 18 | | 66 |
| 26 | 47 | 38 | 48 | 32 | 49 | 26 | 50 | 20 | 51 | 14 | 52 | 8 | 53 | 2 | 53 | 56 | 54 | 50 | 55 | 44 | 56 | 38 | 57 | 32 | 58 | 26 | 59 | 20 | | 64 |
| 28 | 46 | 48 | 47 | 41 | 48 | 34 | 49 | 27 | 50 | 20 | 51 | 13 | 52 | 6 | 52 | 59 | 53 | 52 | 54 | 44 | 55 | 38 | 56 | 31 | 57 | 24 | 58 | 17 | | 62 |
| 30 | 45 | 54 | 46 | 46 | 47 | 38 | 48 | 30 | 49 | 22 | 50 | 14 | 51 | 6 | 51 | 58 | 52 | 50 | 53 | 42 | 54 | 34 | 55 | 26 | 56 | 18 | 57 | 10 | | 60 |
| 32 | 44 | 57 | 45 | 48 | 46 | 39 | 47 | 29 | 48 | 20 | 49 | 11 | 50 | 2 | 50 | 53 | 51 | 44 | 52 | 34 | 53 | 26 | 54 | 17 | 55 | 7 | 55 | 58 | | 58 |
| 34 | 43 | 56 | 44 | 46 | 45 | 25 | 46 | 25 | 47 | 15 | 48 | 5 | 48 | 54 | 49 | 44 | 50 | 34 | 51 | 22 | 52 | 13 | 53 | 3 | 53 | 53 | 54 | 42 | | 56 |
| 36 | 42 | 52 | 43 | 41 | 44 | 29 | 45 | 18 | 46 | 6 | 46 | 55 | 47 | 43 | 48 | 32 | 49 | 21 | 50 | 8 | 50 | 58 | 51 | 46 | 52 | 35 | 53 | 23 | | 54 |
| 38 | 41 | 46 | 42 | 33 | 43 | 21 | 44 | 8 | 44 | 56 | 45 | 43 | 46 | 30 | 47 | 17 | 48 | 4 | 48 | 50 | 49 | 39 | 50 | 26 | 51 | 13 | 52 | 1 | | 52 |
| 40 | 40 | 36 | 41 | 22 | 42 | 8 | 42 | 54 | 43 | 40 | 44 | 26 | 45 | 12 | 45 | 58 | 46 | 44 | 47 | 30 | 48 | 16 | 49 | 2 | 49 | 48 | 50 | 34 | | 50 |
| 42 | 39 | 23 | 40 | 7 | 40 | 49 | 41 | 37 | 42 | 21 | 43 | 16 | 43 | 55 | 44 | 35 | 45 | 20 | 46 | 4 | 46 | 48 | 47 | 33 | 48 | 18 | 49 | 2 | | 48 |
| 44 | 38 | 8 | 38 | 51 | 39 | 38 | 40 | 17 | 41 | 0 | 41 | 44 | 42 | 27 | 43 | 10 | 43 | 53 | 44 | 36 | 45 | 19 | 46 | 3 | 46 | 46 | 47 | 29 | | 46 |
| 46 | 36 | 49 | 37 | 31 | 38 | 13 | 38 | 54 | 39 | 36 | 40 | 18 | 40 | 59 | 41 | 41 | 42 | 23 | 43 | 4 | 43 | 46 | 44 | 28 | 45 | 9 | 45 | 51 | | 44 |
| 48 | 35 | 28 | 36 | 8 | 36 | 48 | 37 | 29 | 38 | 9 | 38 | 49 | 32 | 29 | 40 | 9 | 40 | 49 | 41 | 28 | 42 | 9 | 42 | 50 | 43 | 30 | 44 | 10 | | 42 |
| 50 | 34 | 4 | 34 | 43 | 35 | 23 | 36 | 0 | 36 | 38 | 37 | 17 | 37 | 55 | 38 | 34 | 39 | 13 | 39 | 50 | 40 | 30 | 41 | 8 | 41 | 47 | 42 | 25 | | 40 |
| 52 | 32 | 37 | 33 | 14 | 33 | 48 | 34 | 28 | 35 | 5 | 35 | 42 | 36 | 19 | 36 | 56 | 37 | 33 | 38 | 10 | 38 | 47 | 39 | 24 | 40 | 1 | 40 | 38 | | 38 |
| 54 | 31 | 9 | 31 | 44 | 32 | 20 | 32 | 55 | 33 | 30 | 34 | 5 | 34 | 41 | 35 | 16 | 35 | 51 | 36 | 26 | 37 | 2 | 37 | 37 | 38 | 12 | 38 | 48 | | 36 |
| 56 | 29 | 38 | 30 | 12 | 30 | 45 | 31 | 19 | 31 | 52 | 32 | 26 | 32 | 59 | 33 | 33 | 34 | 7 | 34 | 40 | 35 | 14 | 35 | 47 | 36 | 21 | 36 | 54 | | 34 |
| 58 | 28 | 5 | 28 | 37 | 29 | 9 | 28 | 41 | 29 | 41 | 30 | 44 | 31 | 16 | 31 | 48 | 32 | 20 | 32 | 52 | 33 | 23 | 33 | 55 | 34 | 27 | 34 | 59 | | 32 |
| 59 | 27 | 18 | 27 | 49 | 28 | 19 | 28 | 50 | 29 | 21 | 29 | 52 | 30 | 23 | 30 | 54 | 31 | 25 | 31 | 56 | 32 | 27 | 32 | 58 | 33 | 28 | 33 | 59 | | 31 |
| 60 | 26 | 30 | 27 | 0 | 27 | 30 | 28 | 0 | 28 | 30 | 29 | 0 | 29 | 30 | 30 | 0 | 30 | 30 | 31 | 0 | 31 | 30 | 32 | 0 | 32 | 30 | 33 | 0 | | 30 |
| 61 | 25 | 41 | 26 | 10 | 26 | 40 | 27 | 9 | 27 | 38 | 28 | 7 | 28 | 36 | 29 | 5 | 29 | 34 | 30 | 2 | 30 | 32 | 31 | 1 | 31 | 30 | 31 | 59 | | 29 |
| 62 | 24 | 53 | 25 | 21 | 25 | 49 | 26 | 17 | 26 | 45 | 27 | 14 | 27 | 42 | 28 | 10 | 28 | 38 | 29 | 6 | 29 | 34 | 30 | 3 | 30 | 31 | 30 | 59 | | 28 |
| 63 | 24 | 3 | 24 | 3 | 24 | 58 | 25 | 25 | 25 | 52 | 26 | 20 | 26 | 47 | 27 | 14 | 27 | 41 | 28 | 8 | 28 | 36 | 29 | 3 | 29 | 30 | 29 | 57 | | 27 |
| 64 | 23 | 14 | 23 | 40 | 24 | 6 | 24 | 33 | 24 | 59 | 25 | 25 | 25 | 52 | 26 | 18 | 26 | 44 | 27 | 10 | 27 | 37 | 28 | 3 | 28 | 29 | 28 | 56 | | 26 |
| 65 | 22 | 44 | 22 | 50 | 23 | 15 | 23 | 41 | 24 | 6 | 24 | 31 | 24 | 57 | 25 | 22 | 25 | 47 | 26 | 12 | 26 | 38 | 27 | 3 | 27 | 29 | 27 | 54 | | 25 |
| 66 | 21 | 33 | 21 | 58 | 22 | 22 | 22 | 56 | 23 | 11 | 23 | 35 | 24 | 10 | 24 | 24 | 24 | 28 | 25 | 12 | 25 | 38 | 26 | 2 | 26 | 26 | 26 | 50 | | 24 |
| 67 | 20 | 42 | 21 | 5 | 21 | 29 | 21 | 52 | 22 | 16 | 22 | 39 | 23 | 3 | 23 | 26 | 23 | 49 | 24 | 12 | 24 | 36 | 25 | 10 | 25 | 23 | 25 | 47 | | 23 |
| 68 | 19 | 51 | 20 | 13 | 20 | 36 | 20 | 58 | 21 | 21 | 21 | 43 | 22 | 6 | 22 | 28 | 22 | 50 | 23 | 12 | 23 | 35 | 23 | 58 | 24 | 40 | 24 | 43 | | 22 |
| 69 | 18 | 59 | 19 | 21 | 19 | 42 | 20 | 4 | 20 | 25 | 20 | 47 | 21 | 8 | 21 | 30 | 21 | 51 | 22 | 12 | 22 | 34 | 22 | 56 | 23 | 17 | 23 | 39 | | 21 |
| 70 | 18 | 7 | 18 | 28 | 18 | 48 | 19 | 9 | 19 | 29 | 19 | 50 | 20 | 10 | 20 | 31 | 20 | 52 | 21 | 10 | 21 | 33 | 21 | 53 | 22 | 14 | 22 | 34 | | 20 |
| 71 | 17 | 15 | 17 | 35 | 17 | 54 | 18 | 14 | 18 | 33 | 18 | 53 | 19 | 12 | 19 | 32 | 19 | 52 | 20 | 10 | 20 | 31 | 20 | 50 | 21 | 10 | 21 | 29 | | 19 |
| 72 | 16 | 22 | 16 | 41 | 16 | 59 | 17 | 18 | 18 | 6 | 17 | 39 | 18 | 13 | 18 | 32 | 18 | 51 | 19 | 8 | 19 | 28 | 19 | 46 | 20 | 5 | 20 | 23 | | 18 |
| 73 | 15 | 29 | 15 | 47 | 16 | 4 | 16 | 22 | 16 | 34 | 16 | 57 | 17 | 14 | 17 | 32 | 17 | 50 | 18 | 6 | 18 | 25 | 18 | 42 | 19 | 0 | 19 | 17 | | 17 |
| 74 | 14 | 36 | 14 | 53 | 15 | 9 | 15 | 26 | 15 | 42 | 15 | 59 | 16 | 15 | 16 | 32 | 16 | 49 | 17 | 4 | 17 | 22 | 17 | 38 | 17 | 55 | 18 | 11 | | 16 |
| 75 | 13 | 42 | 13 | 58 | 14 | 4 | 14 | 29 | 14 | 44 | 15 | 0 | 15 | 15 | 15 | 31 | 15 | 47 | 16 | 2 | 16 | 18 | 16 | 33 | 16 | 49 | 17 | 4 | | 15 |
| 76 | 12 | 49 | 13 | 4 | 13 | 18 | 13 | 33 | 13 | 47 | 14 | 2 | 14 | 16 | 14 | 31 | 14 | 46 | 15 | 0 | 15 | 15 | 15 | 29 | 15 | 44 | 15 | 58 | | 14 |
| 77 | 11 | 55 | 12 | 9 | 12 | 22 | 12 | 36 | 12 | 49 | 13 | 3 | 13 | 16 | 13 | 30 | 13 | 43 | 13 | 53 | 14 | 9 | 14 | 24 | 14 | 37 | 14 | 51 | | 13 |
| 78 | 11 | 1 | 11 | 13 | 11 | 26 | 11 | 38 | 11 | 51 | 12 | 3 | 12 | 16 | 12 | 28 | 12 | 40 | 12 | 52 | 13 | 5 | 13 | 18 | 13 | 30 | 13 | 43 | | 12 |
| 79 | 10 | 7 | 10 | 18 | 10 | 30 | 10 | 41 | 10 | 53 | 11 | 4 | 11 | 16 | 11 | 27 | 11 | 38 | 11 | 50 | 12 | 1 | 12 | 13 | 12 | 24 | 12 | 36 | | 11 |
| 80 | 9 | 12 | 9 | 22 | 9 | 33 | 9 | 43 | 9 | 54 | 10 | 4 | 10 | 15 | 10 | 25 | 10 | 35 | 10 | 46 | 10 | 56 | 11 | 7 | 11 | 17 | 11 | 27 | | 10 |
| 81 | 8 | 17 | 8 | 27 | 8 | 36 | 8 | 45 | 8 | 55 | 9 | 4 | 9 | 14 | 9 | 23 | 9 | 32 | 9 | 42 | 9 | 51 | 10 | 1 | 10 | 10 | 10 | 19 | | 9 |
| 82 | 7 | 23 | 7 | 31 | 7 | 39 | 7 | 48 | 7 | 56 | 8 | 44 | 8 | 13 | 8 | 21 | 8 | 29 | 8 | 38 | 8 | 46 | 8 | 54 | 9 | 3 | 9 | 11 | | 8 |
| 83 | 6 | 28 | 6 | 35 | 6 | 42 | 6 | 50 | 6 | 57 | 7 | 4 | 7 | 13 | 7 | 19 | 7 | 26 | 7 | 34 | 7 | 41 | 7 | 48 | 7 | 56 | 8 | 3 | | 7 |
| 84 | 5 | 32 | 5 | 38 | 5 | 45 | 5 | 51 | 5 | 57 | 6 | 3 | 6 | 10 | 6 | 16 | 6 | 22 | 6 | 28 | 6 | 35 | 6 | 41 | 6 | 47 | 6 | 54 | | 6 |
| 85 | 4 | 37 | 4 | 43 | 4 | 48 | 4 | 53 | 4 | 58 | 5 | 4 | 5 | 9 | 5 | 14 | 5 | 19 | 5 | 24 | 5 | 30 | 5 | 35 | 5 | 40 | 5 | 45 | | 5 |
| 86 | 3 | 42 | 3 | 46 | 3 | 50 | 3 | 54 | 3 | 58 | 4 | 3 | 4 | 7 | 4 | 11 | 4 | 15 | 4 | 18 | 4 | 24 | 4 | 28 | 4 | 32 | 4 | 36 | | 4 |
| 87 | 2 | 46 | 2 | 49 | 2 | 52 | 2 | 55 | 2 | 59 | 3 | 2 | 3 | 5 | 3 | 8 | 3 | 11 | 3 | 14 | 3 | 17 | 3 | 21 | 3 | 24 | 3 | 27 | | 3 |
| 88 | 1 | 50 | 1 | 52 | 1 | 55 | 1 | 57 | 1 | 59 | 2 | 1 | 2 | 3 | 2 | 5 | 2 | 7 | 2 | 8 | 2 | 10 | 2 | 12 | 2 | 14 | 2 | 17 | | 2 |
| 89 | 0 | 56 | 0 | 57 | 0 | 58 | 0 | 59 | 1 | 0 | 1 | 1 | 1 | 2 | 1 | 3 | 1 | 4 | 1 | 5 | 1 | 6 | 1 | 7 | 1 | 8 | 1 | 9 | | 1 |
| 90 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 |

Nonagesimi Altitudo.

DIGITI

## TABVLA 57. DIGITORVM ECLIPTICORVM.

| Scrupula Deficientia. | Scrupula Diametri Solis, aut Lunæ. | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 30′ | 30 ½ | 31′ | 31 ½ | 32 | 32 ½ | 33 | 33 ½ | 34 | 34 ½ | 35 | 35 ½ | 36 |
| | Digit. ′ | Digit. ′ | Digit. ′ | Digit. ′ | Digit. ′ | Digit. ′ | Digit. ′ | Digit. ′ | Digit. ′ | Digit. ′ | Digit. ′ | Digit. ′ | Digit. ′ |
| 1 | 0 24 | 0 24 | 0 23 | 0 23 | 0 23 | 0 22 | 0 22 | 0 22 | 0 21 | 0 21 | 0 21 | 0 20 | 0 20 |
| 2 | 0 48 | 0 47 | 0 46 | 0 46 | 0 45 | 0 44 | 0 44 | 0 43 | 0 42 | 0 42 | 0 41 | 0 41 | 0 40 |
| 3 | 1 12 | 1 11 | 1 10 | 1 9 | 1 8 | 1 6 | 1 5 | 1 4 | 1 4 | 1 3 | 1 2 | 1 1 | |
| 4 | 1 36 | 1 34 | 1 33 | 1 31 | 1 30 | 1 29 | 1 27 | 1 26 | 1 25 | 1 23 | 1 22 | 1 21 | 1 20 |
| 5 | 2 0 | 1 58 | 1 56 | 1 54 | 1 53 | 1 51 | 1 49 | 1 47 | 1 46 | 1 44 | 1 43 | 1 41 | 1 40 |
| 6 | 2 24 | 2 22 | 2 19 | 2 17 | 2 15 | 2 13 | 2 11 | 2 9 | 2 7 | 2 5 | 2 3 | 2 2 | 2 0 |
| 7 | 2 48 | 2 45 | 2 43 | 2 40 | 2 38 | 2 35 | 2 33 | 2 30 | 2 28 | 2 26 | 2 24 | 2 22 | 2 21 |
| 8 | 3 12 | 3 9 | 3 6 | 3 3 | 3 0 | 2 57 | 2 55 | 2 52 | 2 49 | 2 47 | 2 45 | 2 42 | 2 40 |
| 9 | 3 36 | 3 32 | 3 29 | 3 26 | 3 23 | 3 19 | 3 16 | 3 13 | 3 11 | 3 8 | 3 5 | 3 3 | 3 0 |
| 10 | 4 0 | 3 56 | 3 52 | 3 49 | 3 45 | 3 42 | 3 38 | 3 35 | 3 32 | 3 29 | 3 26 | 3 23 | 3 20 |
| 12 | 4 48 | 4 43 | 4 38 | 4 34 | 4 30 | 4 26 | 4 22 | 4 18 | 4 14 | 4 10 | 4 7 | 4 3 | 4 0 |
| 14 | 5 36 | 5 30 | 5 25 | 5 20 | 5 15 | 5 10 | 5 6 | 5 1 | 4 57 | 4 52 | 4 48 | 4 44 | 4 40 |
| 16 | 6 24 | 6 18 | 6 12 | 6 6 | 6 10 | 5 55 | 5 49 | 5 44 | 5 39 | 5 34 | 5 29 | 5 25 | 5 20 |
| 18 | 7 12 | 7 5 | 6 58 | 6 52 | 6 45 | 6 39 | 6 33 | 6 27 | 6 21 | 6 16 | 6 10 | 6 5 | 6 0 |
| 20 | 8 0 | 7 52 | 7 45 | 7 37 | 7 30 | 7 23 | 7 16 | 7 10 | 7 4 | 6 57 | 6 51 | 6 46 | 6 40 |
| 22 | 8 48 | 8 40 | 8 31 | 8 23 | 8 15 | 8 7 | 8 0 | 7 53 | 7 46 | 7 39 | 7 32 | 7 26 | 7 20 |
| 24 | 9 36 | 9 26 | 9 17 | 9 8 | 9 0 | 8 52 | 8 44 | 8 37 | 8 29 | 8 21 | 8 13 | 8 7 | 8 0 |
| 26 | 10 24 | 10 14 | 10 4 | 9 54 | 9 45 | 9 36 | 9 27 | 9 19 | 9 11 | 9 2 | 8 54 | 8 47 | 8 40 |
| 28 | 11 12 | 11 1 | 10 50 | 10 40 | 10 30 | 10 21 | 10 11 | 10 2 | 9 53 | 9 44 | 9 36 | 9 28 | 9 20 |
| 30 | 12 0 | 11 48 | 11 37 | 11 26 | 11 15 | 11 5 | 10 55 | 10 45 | 10 35 | 10 26 | 10 17 | 10 8 | 10 0 |
| 32 | 12 48 | 12 35 | 12 23 | 12 11 | 12 0 | 11 49 | 11 38 | 11 28 | 11 18 | 11 8 | 10 58 | 10 49 | 10 40 |
| 34 | 13 36 | 13 23 | 13 10 | 12 57 | 12 45 | 12 33 | 12 22 | 12 11 | 12 1 | 11 50 | 11 39 | 11 29 | 11 20 |
| 36 | 14 24 | 14 10 | 13 56 | 13 43 | 13 30 | 13 18 | 13 6 | 12 54 | 12 43 | 12 32 | 12 20 | 12 10 | 12 0 |
| 38 | 15 12 | 14 57 | 14 43 | 14 29 | 14 15 | 14 2 | 13 49 | 13 37 | 13 25 | 13 13 | 13 2 | 12 50 | 12 40 |
| 40 | 16 0 | 15 44 | 15 29 | 15 14 | 15 0 | 14 46 | 14 33 | 14 20 | 14 7 | 13 55 | 13 43 | 13 31 | 13 20 |
| 42 | 16 48 | 16 31 | 16 15 | 16 0 | 15 45 | 15 31 | 15 17 | 15 3 | 14 49 | 14 37 | 14 24 | 14 11 | 14 0 |
| 44 | 17 36 | 17 19 | 17 2 | 16 46 | 16 30 | 16 15 | 16 0 | 15 46 | 15 32 | 15 19 | 15 5 | 14 52 | 14 40 |
| 46 | 18 24 | 18 6 | 17 48 | 17 31 | 17 15 | 17 0 | 16 44 | 16 29 | 16 14 | 16 0 | 15 46 | 15 33 | 15 20 |
| 48 | 19 12 | 18 53 | 18 35 | 18 17 | 18 0 | 17 44 | 17 28 | 17 12 | 16 57 | 16 42 | 16 28 | 16 13 | 16 0 |
| 50 | 20 0 | 19 40 | 19 21 | 19 3 | 18 45 | 18 28 | 18 11 | 17 55 | 17 39 | 17 24 | 17 9 | 16 54 | 16 40 |
| 52 | 20 48 | 20 27 | 20 8 | 19 48 | 19 30 | 19 12 | 18 55 | 18 38 | 18 21 | 18 6 | 17 50 | 17 34 | 17 20 |
| 54 | 21 36 | 21 15 | 20 54 | 20 34 | 20 15 | 19 57 | 19 39 | 19 21 | 19 4 | 18 48 | 18 31 | 18 15 | 18 0 |
| 56 | 22 2 | 22 2 | 21 41 | 21 20 | 21 0 | 20 41 | 20 22 | 20 4 | 19 46 | 19 29 | 19 12 | 18 55 | 18 40 |
| 58 | 23 12 | 22 49 | 22 27 | 22 6 | 21 45 | 21 26 | 21 6 | 20 47 | 20 28 | 20 11 | 19 53 | 19 36 | 19 20 |
| 60 | 24 0 | 23 36 | 23 14 | 22 51 | 22 30 | 22 9 | 21 49 | 21 30 | 21 11 | 20 52 | 20 34 | 20 17 | 20 0 |
| 62 | 24 48 | 24 24 | 24 0 | 23 37 | 23 14 | 22 53 | 22 33 | 22 14 | 21 54 | 21 34 | 21 15 | 20 57 | 20 40 |
| 64 | 25 36 | 25 11 | 24 47 | 24 23 | 24 0 | 23 38 | 23 16 | 22 56 | 22 36 | 22 15 | 21 56 | 21 38 | 21 20 |
| 66 | 26 24 | 25 35 | 25 33 | 25 9 | 24 45 | 24 22 | 24 0 | 23 39 | 23 18 | 22 57 | 22 37 | 22 18 | 22 0 |



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*TAB. 58. Scrupula Incidentiæ in Eclipsi ☉, aut Semimoræ in Eclipsi ☾.*

Differentia Semidiametrorum ☾, & Vmbræ, vel summa Semidiametror. ☉, & ☾.

| Scrupula latitudinis ☾ veræ, aut apparentis. Latit. | 21′ | | 22′ | | 23′ | | 24′ | | 25′ | | 26′ | | 27′ | | 28′ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ′ | ′ | ″ | ′ | ″ | ′ | ″ | ′ | ″ | ′ | ″ | ′ | ″ | ′ | ″ | ′ | ″ |
| 0 | 21 | 0 | 22 | 0 | 23 | 0 | 24 | 0 | 25 | 0 | 26 | 0 | 27 | 0 | 28 | 0 |
| 1 | 20 | 59 | 21 | 59 | 22 | 59 | 23 | 59 | 24 | 59 | 25 | 59 | 26 | 59 | 27 | 59 |
| 2 | 20 | 54 | 21 | 55 | 22 | 55 | 23 | 55 | 24 | 55 | 25 | 55 | 26 | 56 | 27 | 56 |
| 3 | 20 | 47 | 21 | 48 | 22 | 48 | 23 | 49 | 24 | 49 | 25 | 50 | 26 | 50 | 27 | 50 |
| 4 | 20 | 37 | 21 | 38 | 22 | 39 | 23 | 40 | 24 | 41 | 25 | 41 | 26 | 42 | 27 | 43 |
| 5 | 20 | 24 | 21 | 25 | 22 | 27 | 23 | 28 | 24 | 30 | 25 | 31 | 26 | 32 | 27 | 33 |
| 6 | 20 | 7 | 21 | 10 | 22 | 12 | 23 | 14 | 24 | 16 | 25 | 18 | 26 | 20 | 27 | 21 |
| 7 | 19 | 48 | 20 | 51 | 21 | 55 | 22 | 57 | 24 | 0 | 25 | 2 | 26 | 5 | 27 | 7 |
| 8 | 19 | 25 | 20 | 30 | 21 | 34 | 22 | 38 | 23 | 41 | 24 | 44 | 25 | 47 | 26 | 50 |
| 9 | 18 | 58 | 20 | 4 | 21 | 10 | 22 | 15 | 23 | 19 | 24 | 24 | 25 | 28 | 26 | 31 |
| 10 | 18 | 28 | 19 | 36 | 20 | 43 | 21 | 49 | 22 | 55 | 24 | 0 | 25 | 5 | 26 | 9 |
| 11 | 17 | 53 | 19 | 3 | 20 | 12 | 21 | 20 | 22 | 27 | 23 | 34 | 24 | 39 | 25 | 45 |
| 12 | 17 | 14 | 18 | 26 | 19 | 37 | 20 | 47 | 21 | 56 | 23 | 4 | 24 | 11 | 25 | 18 |
| 13 | 16 | 30 | 17 | 45 | 18 | 58 | 20 | 10 | 21 | 21 | 22 | 31 | 23 | 40 | 24 | 48 |
| 14 | 15 | 39 | 16 | 58 | 18 | 15 | 19 | 30 | 20 | 43 | 21 | 55 | 23 | 6 | 24 | 15 |
| 15 | 14 | 42 | 16 | 6 | 17 | 26 | 18 | 44 | 20 | 0 | 21 | 14 | 22 | 27 | 23 | 39 |
| 16 | 13 | 36 | 15 | 6 | 16 | 31 | 17 | 53 | 19 | 13 | 20 | 30 | 21 | 45 | 22 | 59 |
| 17 | 12 | 20 | 13 | 58 | 15 | 30 | 16 | 56 | 18 | 20 | 19 | 40 | 20 | 59 | 22 | 15 |
| 18 | 10 | 49 | 12 | 39 | 14 | 19 | 15 | 52 | 17 | 21 | 18 | 46 | 20 | 7 | 21 | 27 |
| 19 | 8 | 57 | 11 | 5 | 12 | 58 | 14 | 40 | 16 | 15 | 17 | 45 | 19 | 11 | 20 | 34 |
| 20 | 6 | 24 | 9 | 10 | 11 | 21 | 13 | 16 | 15 | 0 | 16 | 37 | 18 | 8 | 19 | 36 |
| 21 | 0 | 0 | 6 | 33 | 9 | 23 | 11 | 37 | 13 | 34 | 15 | 20 | 16 | 59 | 18 | 32 |
| 22 | | | 0 | 0 | 6 | 43 | 9 | 36 | 11 | 52 | 13 | 51 | 15 | 39 | 17 | 19 |
| 23 | | | | | 0 | 0 | 6 | 51 | 9 | 48 | 12 | 7 | 14 | 9 | 15 | 59 |
| 24 | | | | | | | 0 | 0 | 7 | 0 | 10 | 0 | 12 | 22 | 14 | 25 |
| 25 | | | | | | | | | 0 | 0 | 7 | 9 | 10 | 12 | 12 | 37 |
| 26 | | | | | | | | | | | 0 | 0 | 7 | 17 | 10 | 24 |
| 27 | | | | | | | | | | | | | 0 | 0 | 7 | 26 |
| 28 | | | | | | | | | | | | | | | 0 | 0 |

*Residuum TAB. 58. Scrupula Incidentiæ in Eclipsi ☉, aut Semimoræ in Eclipsi ☾.*

Differentia Semidiametror. ☾, & Vmbræ; vel summa Semidiametror. ☉, & ☾.

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

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*TABVLA 59. Scrupula Incidentiæ, & Semimora in Eclipsi Lunæ.*

| Latitudo Vera ☽ | Summa Semidiametrorum ☉, & Vmbræ. | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 52′ | | 54′ | | 55′ | | 56′ | | 57′ | | 58′ | | 59′ | | 60′ | |
| | I | II | I | II | I | II | I | II | I | II | I | II | I | II | I | II |
| 0 | 54 | 0 | 54 | 0 | 55 | 0 | 56 | 0 | 57 | 0 | 58 | 0 | 59 | 0 | 60 | 0 |
| 1 | | | 53 | 59 | 54 | 59 | 55 | 59 | 56 | 59 | 57 | 59 | 58 | 59 | 59 | 59 |
| 2 | | | 53 | 58 | 54 | 58 | 55 | 58 | 56 | 57 | 57 | 57 | 58 | 57 | 59 | 58 |
| 3 | | | 53 | 55 | 54 | 55 | 55 | 55 | 56 | 55 | 57 | 55 | 58 | 55 | 59 | 56 |
| 4 | | | 53 | 51 | 54 | 51 | 55 | 51 | 56 | 52 | 57 | 52 | 58 | 52 | 59 | 53 |
| 5 | | | 53 | 46 | 54 | 46 | 55 | 46 | 56 | 47 | 57 | 47 | 58 | 48 | 59 | 48 |
| 6 | | | 53 | 40 | 54 | 40 | 55 | 40 | 56 | 41 | 57 | 41 | 58 | 42 | 59 | 42 |
| 7 | | | 53 | 33 | 54 | 33 | 55 | 33 | 56 | 34 | 57 | 34 | 58 | 35 | 59 | 35 |
| 8 | | | 53 | 25 | 54 | 25 | 55 | 25 | 56 | 26 | 57 | 26 | 58 | 27 | 59 | 27 |
| 9 | | | 53 | 15 | 54 | 16 | 55 | 16 | 56 | 17 | 57 | 18 | 58 | 19 | 59 | 19 |
| 10 | | | 53 | 4 | 54 | 6 | 55 | 6 | 56 | 7 | 57 | 8 | 58 | 9 | 59 | 10 |
| 11 | | | 52 | 52 | 53 | 54 | 54 | 55 | 55 | 56 | 56 | 57 | 57 | 58 | 59 | 0 |
| 12 | | | 52 | 39 | 53 | 41 | 54 | 42 | 55 | 44 | 56 | 45 | 57 | 46 | 58 | 48 |
| 13 | | | 52 | 25 | 53 | 27 | 54 | 28 | 55 | 30 | 56 | 32 | 57 | 33 | 58 | 35 |
| 14 | | | 52 | 9 | 53 | 12 | 54 | 13 | 55 | 15 | 56 | 18 | 57 | 19 | 58 | 21 |
| 15 | | | 51 | 52 | 52 | 55 | 53 | 57 | 54 | 59 | 56 | 2 | 57 | 4 | 58 | 6 |
| 16 | | | 51 | 34 | 52 | 37 | 53 | 40 | 54 | 42 | 55 | 45 | 56 | 48 | 57 | 50 |
| 17 | | | 51 | 15 | 52 | 18 | 53 | 22 | 54 | 24 | 55 | 27 | 56 | 30 | 57 | 33 |
| 18 | | | 50 | 55 | 51 | 58 | 53 | 2 | 54 | 5 | 55 | 8 | 56 | 11 | 57 | 14 |
| 19 | | | 50 | 33 | 51 | 37 | 52 | 41 | 53 | 44 | 54 | 48 | 55 | 51 | 56 | 54 |
| 20 | | | 50 | 10 | 51 | 14 | 52 | 19 | 53 | 22 | 54 | 27 | 55 | 30 | 56 | 33 |
| 21 | | | 49 | 45 | 50 | 50 | 51 | 55 | 52 | 19 | 54 | 4 | 55 | 8 | 56 | 12 |
| 22 | | | 49 | 19 | 50 | 24 | 51 | 30 | 52 | 35 | 53 | 40 | 54 | 45 | 55 | 49 |
| 23 | | | 48 | 51 | 49 | 57 | 51 | 4 | 52 | 9 | 53 | 15 | 54 | 20 | 55 | 25 |
| 24 | | | 48 | 22 | 49 | 29 | 50 | 36 | 51 | 42 | 52 | 48 | 53 | 54 | 54 | 59 |
| 25 | | | 47 | 52 | 48 | 59 | 50 | 7 | 51 | 14 | 52 | 20 | 53 | 27 | 54 | 32 |
| 26 | | | 47 | 20 | 48 | 28 | 49 | 36 | 50 | 44 | 51 | 51 | 52 | 58 | 54 | 4 |
| 27 | | | 46 | 46 | 47 | 55 | 49 | 4 | 50 | 12 | 51 | 20 | 52 | 28 | 53 | 35 |
| 28 | | | 46 | 10 | 47 | 20 | 48 | 30 | 49 | 39 | 50 | 48 | 51 | 56 | 53 | 4 |
| 29 | | | 45 | 33 | 46 | 44 | 47 | 55 | 49 | 5 | 50 | 14 | 51 | 23 | 52 | 32 |
| 30 | | | 44 | 54 | 46 | 6 | 47 | 18 | 48 | 29 | 49 | 39 | 50 | 48 | 51 | 58 |
| 31 | | | 44 | 13 | 45 | 26 | 46 | 39 | 47 | 51 | 49 | 2 | 50 | 12 | 51 | 23 |
| 32 | | | 43 | 30 | 44 | 44 | 45 | 58 | 47 | 11 | 48 | 23 | 49 | 34 | 50 | 46 |
| 33 | | | 42 | 45 | 44 | 0 | 45 | 15 | 46 | 29 | 47 | 43 | 48 | 55 | 50 | 7 |
| 34 | | | 41 | 57 | 43 | 14 | 44 | 30 | 45 | 45 | 47 | 1 | 48 | 14 | 49 | 26 |
| 35 | | | 41 | 7 | 42 | 26 | 43 | 43 | 44 | 59 | 46 | 16 | 47 | 31 | 48 | 44 |
| 36 | | | 40 | 15 | 41 | 35 | 42 | 54 | 44 | 12 | 45 | 29 | 46 | 45 | 48 | 0 |
| 37 | | | 39 | 20 | 40 | 42 | 42 | 2 | 43 | 22 | 44 | 40 | 45 | 58 | 47 | 14 |
| 38 | | | 38 | 22 | 39 | 46 | 41 | 8 | 42 | 29 | 43 | 49 | 45 | 9 | 46 | 26 |
| 39 | | | 37 | 21 | 38 | 47 | 40 | 11 | 41 | 34 | 42 | 56 | 44 | 17 | 45 | 36 |
| 40 | | | 36 | 17 | 37 | 45 | 39 | 11 | 40 | 37 | 42 | 0 | 43 | 23 | 44 | 44 |
| 41 | | | 35 | 9 | 36 | 40 | 38 | 8 | 39 | 36 | 41 | 1 | 42 | 26 | 43 | 49 |
| 42 | | | 33 | 57 | 35 | 31 | 37 | 2 | 38 | 32 | 40 | 0 | 41 | 26 | 42 | 51 |
| 43 | | | 32 | 40 | 34 | 18 | 35 | 52 | 37 | 24 | 38 | 55 | 40 | 24 | 41 | 52 |
| 44 | | | 31 | 18 | 33 | 0 | 34 | 38 | 36 | 14 | 37 | 48 | 39 | 18 | 40 | 48 |
| 45 | | | 29 | 51 | 31 | 37 | 33 | 19 | 34 | 59 | 36 | 36 | 38 | 9 | 39 | 42 |
| 46 | | | 28 | 17 | 30 | 9 | 31 | 56 | 33 | 40 | 35 | 20 | 36 | 57 | 38 | 31 |
| 47 | | | 26 | 35 | 28 | 34 | 30 | 27 | 32 | 15 | 33 | 59 | 35 | 40 | 37 | 18 |
| 48 | | | 24 | 44 | 26 | 51 | 28 | 51 | 30 | 45 | 32 | 34 | 34 | 18 | 36 | 0 |
| 49 | | | 22 | 42 | 24 | 59 | 27 | 7 | 29 | 7 | 31 | 2 | 32 | 52 | 34 | 38 |
| 50 | | | 20 | 24 | 22 | 55 | 25 | 13 | 27 | 22 | 29 | 24 | 31 | 19 | 33 | 10 |
| 51 | | | 17 | 46 | 20 | 35 | 23 | 8 | 25 | 27 | 27 | 37 | 29 | 40 | 31 | 37 |
| 52 | | | 14 | 34 | 17 | 57 | 20 | 47 | 23 | 21 | 25 | 41 | 27 | 53 | 29 | 56 |
| 53 | | | 10 | 21 | 14 | 22 | 18 | 5 | 20 | 58 | 23 | 46 | 25 | 56 | 28 | 7 |
| 54 | | | 0 | 0 | 10 | 27 | 14 | 51 | 18 | 15 | 21 | 13 | 23 | 46 | 26 | 9 |
| 55 | | | | | 0 | 0 | 10 | 33 | 14 | 58 | 18 | 25 | 21 | 21 | 23 | 59 |
| 56 | | | | | | | 0 | 0 | 10 | 38 | 15 | 6 | 18 | 34 | 21 | 32 |
| 57 | | | | | | | | | 9 | 0 | 10 | 43 | 15 | 14 | 18 | 44 |
| 58 | | | | | | | | | | | 0 | 0 | 10 | 49 | 15 | 22 |
| 59 | | | | | | | | | | | | | 0 | 0 | 10 | 55 |
| 60 | | | | | | | | | | | | | | | 0 | 0 |

Latitudo vera ☽

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*Reliqua Scrupula Incidentiæ, & Semimora in Eclipsi Lunæ.*

| Latitudo Vera ☽ | Reliqua Summa Semidiametrorum ☽, & Vmbræ. | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 61′ | | 62′ | | 63′ | | 64′ | | 65′ | | 66′ | | 67′ | | 68′ | |
| | I | II | I | II | I | II | I | II | I | II | I | II | I | II | I | II |
| 0 | 61 | 0 | 62 | 0 | 63 | 0 | 64 | 0 | 65 | 0 | 66 | 0 | 67 | 0 | 68 | 0 |
| 1 | 60 | 59 | 61 | 59 | 62 | 59 | 63 | 59 | 64 | 59 | 65 | 59 | 66 | 59 | 67 | 59 |
| 2 | 60 | 58 | 61 | 58 | 62 | 58 | 63 | 58 | 64 | 58 | 65 | 58 | 66 | 58 | 67 | 58 |
| 3 | 60 | 56 | 61 | 56 | 62 | 56 | 63 | 56 | 64 | 56 | 65 | 56 | 66 | 56 | 67 | 56 |
| 4 | 60 | 53 | 61 | 53 | 62 | 53 | 63 | 53 | 64 | 53 | 65 | 53 | 66 | 53 | 67 | 53 |
| 5 | 60 | 48 | 61 | 48 | 62 | 49 | 63 | 49 | 64 | 49 | 65 | 49 | 66 | 49 | 67 | 49 |
| 6 | 60 | 42 | 61 | 42 | 62 | 43 | 63 | 43 | 64 | 43 | 65 | 44 | 66 | 44 | 67 | 44 |
| 7 | 60 | 35 | 61 | 35 | 62 | 36 | 63 | 36 | 64 | 37 | 65 | 38 | 66 | 38 | 67 | 38 |
| 8 | 60 | 28 | 61 | 28 | 62 | 29 | 63 | 29 | 64 | 30 | 65 | 31 | 66 | 31 | 67 | 31 |
| 9 | 60 | 20 | 61 | 20 | 62 | 21 | 63 | 21 | 64 | 22 | 65 | 23 | 66 | 24 | 67 | 24 |
| 10 | 60 | 11 | 61 | 11 | 62 | 12 | 63 | 12 | 64 | 13 | 65 | 14 | 66 | 15 | 67 | 16 |
| 11 | 60 | 1 | 61 | 6 | 62 | 2 | 63 | 2 | 64 | 3 | 65 | 4 | 66 | 5 | 67 | 6 |
| 12 | 59 | 49 | 60 | 50 | 61 | 51 | 62 | 52 | 63 | 53 | 64 | 54 | 65 | 55 | 66 | 56 |
| 13 | 59 | 36 | 60 | 37 | 61 | 38 | 62 | 40 | 63 | 41 | 64 | 43 | 65 | 44 | 66 | 45 |
| 14 | 59 | 22 | 60 | 23 | 61 | 25 | 62 | 27 | 63 | 28 | 64 | 30 | 65 | 32 | 66 | 33 |
| 15 | 59 | 2 | 60 | 9 | 61 | 11 | 62 | 13 | 63 | 14 | 64 | 16 | 65 | 18 | 66 | 20 |
| 16 | 58 | 52 | 59 | 54 | 60 | 56 | 61 | 58 | 62 | 59 | 64 | 1 | 65 | 3 | 66 | 5 |
| 17 | 58 | 35 | 59 | 38 | 60 | 40 | 61 | 42 | 62 | 44 | 63 | 46 | 64 | 48 | 65 | 50 |
| 18 | 58 | 17 | 59 | 20 | 60 | 23 | 61 | 25 | 62 | 28 | 63 | 30 | 64 | 32 | 65 | 34 |
| 19 | 57 | 57 | 59 | 1 | 60 | 5 | 61 | 7 | 62 | 10 | 63 | 13 | 64 | 15 | 65 | 18 |
| 20 | 57 | 37 | 58 | 41 | 59 | 45 | 60 | 48 | 61 | 51 | 62 | 54 | 63 | 57 | 65 | 0 |
| 21 | 57 | 16 | 58 | 20 | 59 | 24 | 60 | 28 | 61 | 31 | 62 | 34 | 63 | 37 | 64 | 41 |
| 22 | 56 | 54 | 57 | 58 | 59 | 2 | 60 | 7 | 61 | 10 | 62 | 13 | 63 | 16 | 64 | 21 |
| 23 | 56 | 30 | 57 | 35 | 58 | 39 | 59 | 44 | 60 | 48 | 61 | 51 | 62 | 55 | 64 | 0 |
| 24 | 56 | 5 | 57 | 10 | 58 | 15 | 59 | 20 | 60 | 25 | 61 | 29 | 62 | 33 | 63 | 38 |
| 25 | 55 | 39 | 56 | 44 | 57 | 50 | 58 | 55 | 60 | 1 | 61 | 5 | 62 | 10 | 63 | 15 |
| 26 | 55 | 11 | 56 | 17 | 57 | 24 | 58 | 29 | 59 | 35 | 60 | 40 | 61 | 45 | 62 | 51 |
| 27 | 54 | 42 | 55 | 49 | 56 | 56 | 58 | 2 | 59 | 8 | 60 | 14 | 61 | 19 | 62 | 25 |
| 28 | 54 | 12 | 55 | 19 | 56 | 27 | 57 | 35 | 58 | 40 | 59 | 47 | 60 | 52 | 61 | 58 |
| 29 | 53 | 40 | 54 | 48 | 55 | 56 | 57 | 3 | 58 | 11 | 59 | 18 | 60 | 24 | 61 | 30 |
| 30 | 53 | 7 | 54 | 16 | 55 | 24 | 56 | 32 | 57 | 40 | 58 | 48 | 59 | 55 | 61 | 1 |
| 31 | 52 | 32 | 53 | 42 | 54 | 51 | 55 | 59 | 57 | 8 | 58 | 17 | 59 | 24 | 60 | 31 |
| 32 | 51 | 56 | 53 | 6 | 54 | 16 | 55 | 25 | 56 | 35 | 57 | 44 | 58 | 52 | 60 | 0 |
| 33 | 51 | 18 | 52 | 29 | 53 | 40 | 54 | 50 | 56 | 0 | 57 | 10 | 58 | 19 | 59 | 27 |
| 34 | 50 | 39 | 51 | 51 | 53 | 2 | 54 | 13 | 55 | 24 | 56 | 34 | 57 | 44 | 58 | 53 |
| 35 | 49 | 58 | 51 | 11 | 52 | 23 | 53 | 35 | 54 | 46 | 55 | 57 | 57 | 8 | 58 | 18 |
| 36 | 49 | 15 | 50 | 29 | 51 | 42 | 52 | 55 | 54 | 7 | 55 | 19 | 56 | 30 | 57 | 42 |
| 37 | 48 | 30 | 49 | 45 | 50 | 59 | 52 | 13 | 53 | 26 | 54 | 39 | 55 | 51 | 57 | 4 |
| 38 | 47 | 43 | 48 | 59 | 50 | 15 | 51 | 30 | 52 | 44 | 53 | 58 | 55 | 11 | 56 | 24 |
| 39 | 46 | 55 | 48 | 12 | 49 | 29 | 50 | 45 | 52 | 0 | 53 | 15 | 54 | 29 | 55 | 43 |
| 40 | 46 | 4 | 47 | 23 | 48 | 41 | 49 | 58 | 51 | 14 | 52 | 30 | 53 | 45 | 55 | 0 |
| 41 | 45 | 10 | 46 | 33 | 47 | 51 | 49 | 9 | 50 | 26 | 51 | 43 | 52 | 59 | 54 | 15 |
| 42 | 44 | 14 | 45 | 36 | 46 | 58 | 48 | 18 | 49 | 37 | 50 | 55 | 52 | 12 | 53 | 29 |
| 43 | 43 | 16 | 44 | 39 | 46 | 3 | 47 | 25 | 48 | 46 | 50 | 5 | 51 | 23 | 52 | 41 |
| 44 | 42 | 15 | 43 | 40 | 45 | 6 | 46 | 29 | 47 | 52 | 49 | 12 | 50 | 32 | 51 | 51 |
| 45 | 41 | 11 | 42 | 39 | 44 | 6 | 45 | 31 | 46 | 55 | 48 | 17 | 49 | 38 | 50 | 59 |
| 46 | 40 | 4 | 41 | 34 | 43 | 3 | 44 | 31 | 45 | 56 | 47 | 20 | 48 | 42 | 50 | 5 |
| 47 | 38 | 53 | 40 | 26 | 41 | 57 | 43 | 27 | 44 | 54 | 46 | 20 | 47 | 44 | 49 | 9 |
| 48 | 37 | 39 | 39 | 15 | 40 | 48 | 42 | 20 | 43 | 50 | 45 | 18 | 46 | 44 | 48 | 10 |
| 49 | 36 | 20 | 37 | 59 | 39 | 36 | 41 | 20 | 42 | 43 | 44 | 12 | 45 | 41 | 47 | 9 |
| 50 | 34 | 57 | 36 | 39 | 38 | 20 | 39 | 57 | 41 | 32 | 43 | 4 | 44 | 35 | 46 | 5 |
| 51 | 33 | 28 | 35 | 15 | 36 | 59 | 38 | 40 | 40 | 18 | 41 | 53 | 43 | 27 | 44 | 59 |
| 52 | 31 | 53 | 33 | 46 | 35 | 34 | 37 | 59 | 39 | 1 | 40 | 39 | 42 | 15 | 43 | 50 |
| 53 | 30 | 12 | 32 | 11 | 34 | 4 | 35 | 53 | 37 | 39 | 39 | 21 | 41 | 0 | 42 | 37 |
| 54 | 28 | 22 | 30 | 23 | 32 | 27 | 34 | 21 | 36 | 11 | 37 | 57 | 39 | 40 | 41 | 20 |
| 55 | 26 | 23 | 28 | 37 | 30 | 43 | 32 | 44 | 34 | 38 | 36 | 29 | 38 | 16 | 39 | 59 |
| 56 | 24 | 11 | 26 | 37 | 28 | 52 | 30 | 59 | 33 | 0 | 34 | 56 | 36 | 47 | 38 | 35 |
| 57 | 21 | 44 | 24 | 24 | 26 | 50 | 29 | 6 | 31 | 15 | 33 | 16 | 35 | 13 | 37 | 5 |
| 58 | 18 | 54 | 21 | 55 | 24 | 36 | 27 | 3 | 29 | 11 | 31 | 30 | 33 | 32 | 35 | 30 |
| 59 | 15 | 30 | 19 | 3 | 22 | 6 | 24 | 48 | 27 | 17 | 29 | 35 | 31 | 45 | 33 | 49 |
| 60 | 11 | 0 | 15 | 37 | 19 | 13 | 22 | 16 | 25 | 0 | 27 | 30 | 29 | 49 | 32 | 0 |
| 61 | 0 | 0 | 11 | 6 | 15 | 45 | 19 | 22 | 22 | 37 | 25 | 12 | 27 | 43 | 30 | 3 |
| 62 | | | 0 | 0 | 11 | 11 | 15 | 53 | 19 | 32 | 22 | 38 | 25 | 24 | 27 | 56 |
| 63 | | | | | 0 | 0 | 11 | 16 | 16 | 0 | 19 | 40 | 22 | 48 | 25 | 35 |
| 64 | | | | | | | 0 | 0 | 11 | 22 | 16 | 8 | 19 | 49 | 22 | 59 |
| 65 | | | | | | | | | 0 | 0 | 11 | 27 | 16 | 35 | 19 | 59 |
| 66 | | | | | | | | | | | 0 | 0 | 11 | 32 | 16 | 22 |
| 67 | | | | | | | | | | | | | 0 | 0 | 11 | 37 |
| 1 | | | | | | | | | | | | | | | 0 | 0 |

Latitudo vera ☽

*TABVLA 60. Distantia Centrorum vtriusq; Luminaris.*

| Scrup. | 0′ | | | 10′ | | | 20′ | | | 30′ | | | 40′ | | | 50′ | | | 60′ | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| I | G. | I | II | G. | I | II | G. | I | II | G. | I | II | G. | I | II | G. | I | II | G. | I | II |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 2 | 0 | 0 | 3 | 0 | 0 | 4 |
| 1 | 0 | 0 | 4 | 0 | 0 | 6 | 0 | 0 | 8 | 0 | 0 | 10 | 0 | 0 | 12 | 0 | 0 | 14 | 0 | 0 | 17 |
| 2 | 0 | 0 | 17 | 0 | 0 | 20 | 0 | 0 | 23 | 0 | 0 | 26 | 0 | 0 | 30 | 0 | 0 | 34 | 0 | 0 | 38 |
| 4 | 0 | 1 | 8 | 0 | 1 | 13 | 0 | 1 | 19 | 0 | 1 | 26 | 0 | 1 | 32 | 0 | 1 | 39 | 0 | 1 | 46 |
| 6 | 0 | 2 | 32 | 0 | 2 | 41 | 0 | 2 | 50 | 0 | 2 | 59 | 0 | 3 | 8 | 0 | 3 | 18 | 0 | 3 | 27 |
| 8 | 0 | 4 | 31 | 0 | 4 | 42 | 0 | 4 | 54 | 0 | 5 | 6 | 0 | 5 | 18 | 0 | 5 | 30 | 0 | 5 | 43 |
| 10 | 0 | 7 | 3 | 0 | 7 | 17 | 0 | 7 | 32 | 0 | 7 | 46 | 0 | 8 | 1 | 0 | 8 | 17 | 0 | 8 | 32 |
| 12 | 0 | 10 | 9 | 0 | 10 | 26 | 0 | 10 | 44 | 0 | 11 | 1 | 0 | 11 | 19 | 0 | 11 | 33 | 0 | 11 | 55 |
| 14 | 0 | 13 | 49 | 0 | 14 | 9 | 0 | 14 | 29 | 0 | 14 | 49 | 0 | 15 | 10 | 0 | 15 | 31 | 0 | 15 | 52 |
| 16 | 0 | 18 | 3 | 0 | 18 | 26 | 0 | 18 | 49 | 0 | 19 | 12 | 0 | 19 | 35 | 0 | 19 | 59 | 0 | 20 | 23 |
| 18 | 0 | 22 | 51 | 0 | 23 | 16 | 0 | 23 | 42 | 0 | 24 | 8 | 0 | 24 | 34 | 0 | 25 | 1 | 0 | 25 | 27 |
| 20 | 0 | 28 | 12 | 0 | 28 | 41 | 0 | 29 | 9 | 0 | 29 | 38 | 0 | 30 | 7 | 0 | 30 | 36 | 0 | 31 | 6 |
| 22 | 0 | 34 | 8 | 0 | 34 | 39 | 0 | 35 | 10 | 0 | 35 | 42 | 0 | 36 | 14 | 0 | 36 | 46 | 0 | 37 | 18 |
| 24 | 0 | 40 | 37 | 0 | 41 | 11 | 0 | 41 | 45 | 0 | 42 | 20 | 0 | 42 | 54 | 0 | 43 | 29 | 0 | 44 | 4 |
| 26 | 0 | 47 | 40 | 0 | 48 | 17 | 0 | 48 | 54 | 0 | 49 | 31 | 0 | 50 | 9 | 0 | 50 | 46 | 0 | 51 | 24 |
| 28 | 0 | 55 | 17 | 0 | 55 | 57 | 0 | 56 | 36 | 0 | 57 | 16 | 0 | 57 | 57 | 0 | 58 | 37 | 0 | 59 | 18 |
| 30 | 1 | 3 | 27 | 1 | 4 | 10 | 1 | 4 | 53 | 1 | 5 | 36 | 1 | 6 | 19 | 1 | 7 | 2 | 1 | 7 | 46 |
| 32 | 1 | 12 | 12 | 1 | 12 | 58 | 1 | 13 | 43 | 1 | 14 | 29 | 1 | 15 | 15 | 1 | 16 | 1 | 1 | 16 | 47 |
| 34 | 1 | 21 | 31 | 1 | 22 | 19 | 1 | 23 | 7 | 1 | 23 | 56 | 1 | 24 | 44 | 1 | 25 | 33 | 1 | 26 | 23 |
| 36 | 1 | 31 | 23 | 1 | 32 | 14 | 1 | 33 | 5 | 1 | 33 | 56 | 1 | 34 | 48 | 1 | 35 | 40 | 1 | 36 | 32 |
| 38 | 1 | 41 | 49 | 1 | 42 | 43 | 1 | 43 | 37 | 1 | 44 | 31 | 1 | 45 | 25 | 1 | 46 | 20 | 1 | 47 | 15 |
| 40 | 1 | 52 | 49 | 1 | 53 | 46 | 1 | 54 | 42 | 1 | 55 | 39 | 1 | 56 | 37 | 1 | 57 | 34 | 1 | 58 | 32 |
| 42 | 2 | 4 | 23 | 2 | 5 | 22 | 2 | 6 | 22 | 2 | 7 | 22 | 2 | 8 | 22 | 2 | 9 | 22 | 2 | 10 | 23 |
| 44 | 2 | 16 | 31 | 2 | 17 | 33 | 2 | 18 | 35 | 2 | 19 | 38 | 2 | 20 | 41 | 2 | 21 | 44 | 2 | 22 | 47 |
| 46 | 2 | 19 | 2 | 2 | 30 | 17 | 2 | 31 | 22 | 2 | 32 | 28 | 2 | 33 | 34 | 2 | 34 | 40 | 2 | 33 | 46 |
| 48 | 2 | 42 | 28 | 2 | 43 | 36 | 2 | 44 | 44 | 2 | 45 | 52 | 2 | 47 | 1 | 2 | 48 | 9 | 2 | 49 | 19 |
| 50 | 2 | 56 | 18 | 2 | 57 | 28 | 2 | 58 | 39 | 2 | 59 | 50 | 3 | 1 | 1 | 3 | 2 | 13 | 3 | 3 | 25 |
| 52 | 3 | 10 | 41 | 3 | 11 | 55 | 3 | 13 | 9 | 3 | 14 | 23 | 3 | 15 | 37 | 3 | 16 | 51 | 3 | 18 | 5 |
| 54 | 3 | 25 | 39 | 3 | 26 | 55 | 3 | 28 | 11 | 3 | 29 | 28 | 3 | 30 | 45 | 3 | 32 | 2 | 3 | 33 | 19 |
| 56 | 3 | 41 | 8 | 3 | 42 | 27 | 3 | 43 | 46 | 3 | 45 | 6 | 3 | 46 | 26 | 3 | 47 | 46 | 3 | 49 | 7 |
| 58 | 3 | 57 | 13 | 3 | 58 | 35 | 3 | 59 | 57 | 4 | 1 | 19 | 4 | 2 | 42 | 4 | 4 | 5 | 4 | 5 | 28 |
| 60 | 4 | 13 | 52 | 4 | 15 | 17 | 4 | 16 | 42 | 4 | 18 | 7 | 4 | 19 | 32 | 4 | 20 | 58 | 4 | 22 | 24 |
| 62 | 4 | 31 | 4 | 4 | 32 | 32 | 4 | 34 | 0 | 4 | 35 | 28 | 4 | 36 | 56 | 4 | 38 | 24 | 4 | 39 | 53 |
| 64 | 4 | 48 | 50 | 4 | 50 | 20 | 4 | 51 | 51 | 4 | 53 | 22 | 4 | 54 | 53 | 4 | 56 | 24 | 4 | 57 | 56 |
| 66 | 5 | 7 | 11 | 5 | 8 | 44 | 5 | 10 | 17 | 5 | 11 | 51 | 5 | 13 | 25 | 5 | 14 | 59 | 5 | 16 | 33 |
| 68 | 5 | 26 | 4 | 5 | 27 | 40 | 5 | 29 | 16 | 5 | 30 | 53 | 5 | 32 | 30 | 5 | 34 | 7 | 5 | 35 | 44 |
| 70 | 5 | 45 | 32 | 5 | 47 | 11 | 5 | 48 | 50 | 5 | 50 | 29 | 5 | 52 | 9 | 5 | 53 | 49 | 5 | 55 | 29 |
| 72 | 6 | 5 | 34 | 6 | 7 | 16 | 6 | 8 | 58 | 6 | 10 | 40 | 6 | 12 | 22 | 6 | 14 | 5 | 6 | 15 | 48 |
| 74 | 6 | 26 | 10 | 6 | 27 | 54 | 6 | 29 | 39 | 6 | 31 | 24 | 6 | 33 | 9 | 6 | 34 | 54 | 6 | 36 | 40 |
| 76 | 6 | 47 | 19 | 6 | 49 | 6 | 6 | 50 | 54 | 6 | 52 | 42 | 6 | 54 | 30 | 6 | 56 | 18 | 6 | 58 | 7 |
| 78 | 7 | 9 | 3 | 7 | 10 | 53 | 7 | 12 | 43 | 7 | 14 | 34 | 7 | 16 | 25 | 7 | 18 | 16 | 7 | 20 | 7 |
| 80 | 7 | 31 | 20 | 7 | 33 | 13 | 7 | 35 | 6 | 7 | 37 | 0 | 7 | 38 | 54 | 7 | 40 | 48 | 7 | 42 | 43 |
| 82 | 7 | 54 | 12 | 7 | 56 | 7 | 7 | 58 | 3 | 7 | 59 | 59 | 8 | 1 | 55 | 8 | 3 | 52 | 8 | 5 | 49 |
| 84 | 8 | 17 | 35 | 8 | 19 | 33 | 8 | 21 | 32 | 8 | 23 | 31 | 8 | 25 | 30 | 8 | 27 | 30 | 8 | 29 | 30 |
| 86 | 8 | 41 | 34 | 8 | 43 | 36 | 8 | 45 | 38 | 8 | 47 | 40 | 8 | 49 | 42 | 8 | 51 | 44 | 8 | 53 | 47 |
| 88 | 9 | 6 | 8 | 9 | 8 | 12 | 9 | 10 | 17 | 9 | 12 | 22 | 9 | 14 | 27 | 9 | 16 | 32 | 9 | 18 | 37 |
| 90 | 9 | 31 | 14 | 9 | 33 | 21 | 9 | 35 | 28 | 9 | 37 | 35 | 9 | 39 | 43 | 9 | 41 | 51 | 9 | 43 | 59 |
| 92 | 9 | 56 | 54 | 9 | 59 | 4 | 10 | 1 | 14 | 10 | 3 | 24 | 10 | 5 | 35 | 10 | 7 | 46 | 10 | 9 | 57 |
| 94 | 10 | 23 | 8 | 10 | 25 | 21 | 10 | 27 | 34 | 10 | 29 | 47 | 10 | 32 | 0 | 10 | 34 | 14 | 10 | 36 | 28 |
| 96 | 10 | 49 | 56 | 10 | 52 | 11 | 10 | 54 | 27 | 10 | 56 | 43 | 10 | 59 | 0 | 11 | 1 | 16 | 11 | 3 | 33 |
| 98 | 11 | 17 | 19 | 11 | 19 | 37 | 11 | 21 | 56 | 11 | 24 | 14 | 11 | 26 | 33 | 11 | 28 | 52 | 11 | 31 | 12 |
| 99 | 11 | 31 | 12 | 11 | 33 | 32 | 11 | 35 | 52 | 11 | 38 | 13 | 11 | 40 | 33 | 11 | 42 | 54 | 11 | 45 | 15 |

PARAL-

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# PARALLAXES LVNÆ IN ALTITVDINEM.

*TAB. 61. Parallaxes Lunæ in Circulo Altitudinis Veræ, sub data distantia à centro Terræ.*

Distantia ☾ à centro Terræ in semidiametris Terræ.

| Alt. | 52 | | 53 | | 54 | | 55 | | 56 | | 57 | | 58 | | 59 | | 60 | | 61 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Gr. | ′ | ″ | ′ | ″ | ′ | ″ | ′ | ″ | ′ | ″ | ′ | ″ | ′ | ″ | ′ | ″ | ′ | ″ | ′ | ″ |
| 0 | 66 | 6 | 64 | 51 | 63 | 39 | 62 | 30 | 61 | 23 | 60 | 20 | 59 | 17 | 58 | 16 | 57 | 18 | 56 | 21 |
| 1 | 66 | 6 | 64 | 51 | 63 | 39 | 62 | 29 | 61 | 23 | 60 | 19 | 59 | 17 | 58 | 16 | 57 | 18 | 56 | 21 |
| 2 | 66 | 5 | 64 | 50 | 63 | 38 | 62 | 28 | 61 | 22 | 60 | 18 | 59 | 16 | 58 | 15 | 57 | 17 | 56 | 19 |
| 3 | 66 | 4 | 64 | 49 | 63 | 37 | 62 | 27 | 61 | 21 | 60 | 17 | 59 | 15 | 58 | 14 | 57 | 16 | 56 | 18 |
| 4 | 66 | 1 | 64 | 47 | 63 | 35 | 62 | 25 | 61 | 18 | 60 | 15 | 59 | 12 | 58 | 11 | 57 | 13 | 56 | 16 |
| 5 | 65 | 57 | 64 | 43 | 63 | 31 | 62 | 21 | 61 | 14 | 60 | 11 | 59 | 8 | 58 | 7 | 57 | 9 | 56 | 13 |
| 6 | 65 | 52 | 64 | 38 | 63 | 26 | 62 | 16 | 61 | 10 | 60 | 7 | 59 | 3 | 58 | 3 | 57 | 5 | 56 | 9 |
| 7 | 65 | 46 | 64 | 32 | 63 | 20 | 62 | 10 | 61 | 4 | 60 | 1 | 58 | 57 | 57 | 58 | 57 | 0 | 56 | 4 |
| 8 | 65 | 38 | 64 | 24 | 63 | 12 | 62 | 3 | 60 | 57 | 59 | 54 | 58 | 50 | 57 | 51 | 56 | 53 | 55 | 57 |
| 9 | 65 | 29 | 64 | 15 | 63 | 3 | 61 | 54 | 60 | 48 | 59 | 46 | 58 | 42 | 57 | 43 | 56 | 44 | 55 | 48 |
| 10 | 65 | 19 | 64 | 5 | 62 | 53 | 61 | 45 | 60 | 39 | 59 | 37 | 58 | 33 | 57 | 34 | 56 | 35 | 55 | 39 |
| 11 | 65 | 8 | 63 | 54 | 62 | 42 | 61 | 34 | 60 | 28 | 59 | 27 | 58 | 23 | 57 | 24 | 56 | 25 | 55 | 29 |
| 12 | 64 | 55 | 63 | 41 | 62 | 30 | 61 | 22 | 60 | 16 | 59 | 16 | 58 | 12 | 57 | 13 | 56 | 14 | 55 | 18 |
| 13 | 64 | 41 | 63 | 28 | 62 | 17 | 61 | 9 | 60 | 3 | 59 | 3 | 57 | 59 | 57 | 1 | 56 | 2 | 55 | 6 |
| 14 | 64 | 26 | 63 | 14 | 62 | 3 | 60 | 55 | 59 | 49 | 58 | 48 | 57 | 45 | 56 | 47 | 55 | 49 | 54 | 52 |
| 15 | 64 | 10 | 62 | 57 | 61 | 47 | 60 | 39 | 59 | 34 | 58 | 32 | 57 | 30 | 56 | 32 | 55 | 35 | 54 | 37 |
| 16 | 63 | 53 | 62 | 40 | 61 | 31 | 60 | 22 | 59 | 18 | 58 | 16 | 57 | 14 | 56 | 16 | 55 | 20 | 54 | 22 |
| 17 | 63 | 35 | 62 | 22 | 61 | 13 | 60 | 4 | 59 | 1 | 57 | 59 | 56 | 57 | 56 | 0 | 55 | 4 | 54 | 6 |
| 18 | 63 | 15 | 62 | 3 | 60 | 54 | 59 | 46 | 58 | 42 | 57 | 40 | 56 | 39 | 55 | 43 | 54 | 47 | 53 | 49 |
| 19 | 62 | 54 | 61 | 43 | 60 | 34 | 59 | 27 | 58 | 22 | 57 | 21 | 56 | 21 | 55 | 24 | 54 | 29 | 53 | 32 |
| 20 | 62 | 31 | 61 | 21 | 60 | 13 | 59 | 6 | 58 | 1 | 57 | 1 | 56 | 1 | 55 | 4 | 54 | 10 | 53 | 14 |
| 21 | 62 | 8 | 60 | 58 | 59 | 51 | 58 | 44 | 57 | 40 | 56 | 40 | 55 | 40 | 54 | 44 | 53 | 50 | 52 | 55 |
| 22 | 61 | 44 | 60 | 34 | 59 | 27 | 58 | 21 | 57 | 18 | 56 | 18 | 55 | 18 | 54 | 22 | 53 | 28 | 52 | 35 |
| 23 | 61 | 19 | 60 | 9 | 59 | 2 | 57 | 57 | 56 | 54 | 55 | 54 | 54 | 54 | 53 | 59 | 53 | 4 | 52 | 13 |
| 24 | 60 | 52 | 59 | 42 | 58 | 36 | 57 | 31 | 56 | 29 | 55 | 29 | 54 | 29 | 53 | 34 | 52 | 40 | 51 | 50 |
| 25 | 60 | 24 | 59 | 15 | 58 | 9 | 57 | 5 | 56 | 3 | 55 | 4 | 54 | 4 | 53 | 9 | 52 | 15 | 51 | 27 |
| 26 | 59 | 55 | 58 | 47 | 57 | 41 | 56 | 38 | 55 | 36 | 54 | 38 | 53 | 39 | 52 | 44 | 51 | 50 | 51 | 3 |
| 27 | 59 | 25 | 58 | 7 | 57 | 12 | 56 | 10 | 55 | 8 | 54 | 11 | 53 | 13 | 52 | 18 | 51 | 25 | 50 | 38 |
| 28 | 58 | 54 | 57 | 46 | 56 | 42 | 55 | 40 | 54 | 39 | 53 | 42 | 52 | 45 | 51 | 51 | 50 | 59 | 50 | 11 |
| 29 | 58 | 22 | 57 | 14 | 56 | 11 | 55 | 9 | 54 | 9 | 53 | 12 | 52 | 16 | 51 | 23 | 50 | 32 | 49 | 43 |
| 30 | 57 | 48 | 56 | 42 | 55 | 39 | 54 | 37 | 53 | 38 | 52 | 42 | 51 | 47 | 50 | 54 | 50 | 5 | 49 | 13 |
| 31 | 57 | 13 | 56 | 9 | 55 | 6 | 54 | 4 | 53 | 6 | 52 | 10 | 51 | 16 | 50 | 24 | 49 | 37 | 48 | 43 |
| 32 | 56 | 38 | 55 | 34 | 54 | 32 | 53 | 30 | 52 | 33 | 51 | 37 | 50 | 44 | 49 | 52 | 49 | 7 | 48 | 13 |
| 33 | 56 | 2 | 54 | 58 | 53 | 57 | 52 | 55 | 51 | 59 | 51 | 4 | 50 | 10 | 49 | 19 | 48 | 34 | 47 | 42 |
| 34 | 55 | 25 | 54 | 21 | 53 | 21 | 52 | 20 | 51 | 24 | 50 | 30 | 49 | 35 | 48 | 46 | 48 | 0 | 47 | 10 |
| 35 | 54 | 46 | 53 | 43 | 52 | 43 | 51 | 44 | 50 | 48 | 49 | 55 | 48 | 59 | 48 | 12 | 47 | 25 | 46 | 37 |
| 36 | 54 | 5 | 53 | 4 | 52 | 4 | 51 | 7 | 50 | 11 | 49 | 18 | 48 | 22 | 47 | 37 | 46 | 50 | 46 | 2 |
| 37 | 53 | 24 | 52 | 24 | 51 | 24 | 50 | 29 | 49 | 33 | 48 | 41 | 47 | 46 | 47 | 1 | 46 | 14 | 45 | 27 |
| 38 | 52 | 42 | 51 | 43 | 50 | 44 | 49 | 49 | 48 | 54 | 48 | 3 | 47 | 9 | 46 | 24 | 45 | 38 | 44 | 51 |
| 39 | 52 | 0 | 51 | 1 | 50 | 3 | 49 | 8 | 48 | 15 | 47 | 24 | 46 | 31 | 45 | 46 | 45 | 0 | 44 | 15 |
| 40 | 51 | 17 | 50 | 18 | 49 | 21 | 48 | 27 | 47 | 35 | 46 | 44 | 45 | 53 | 45 | 8 | 44 | 22 | 43 | 38 |
| 41 | 50 | 32 | 49 | 34 | 48 | 38 | 47 | 45 | 46 | 53 | 46 | 3 | 45 | 14 | 44 | 28 | 43 | 43 | 43 | 0 |
| 42 | 49 | 46 | 48 | 49 | 47 | 54 | 47 | 2 | 46 | 10 | 45 | 21 | 44 | 34 | 43 | 47 | 43 | 4 | 42 | 21 |
| 43 | 48 | 59 | 48 | 3 | 47 | 9 | 46 | 18 | 45 | 27 | 44 | 38 | 43 | 52 | 43 | 6 | 42 | 24 | 41 | 41 |
| 44 | 48 | 11 | 47 | 16 | 46 | 23 | 45 | 33 | 44 | 43 | 43 | 55 | 43 | 9 | 42 | 24 | 41 | 43 | 41 | 0 |
| 45 | 47 | 23 | 46 | 29 | 45 | 36 | 44 | 46 | 43 | 58 | 43 | 12 | 42 | 25 | 41 | 41 | 41 | 1 | 40 | 19 |
| 46 | 46 | 34 | 45 | 41 | 44 | 48 | 43 | 59 | 43 | 12 | 42 | 28 | 41 | 41 | 40 | 58 | 40 | 18 | 39 | 37 |
| 47 | 45 | 44 | 44 | 52 | 44 | 0 | 43 | 11 | 42 | 25 | 41 | 43 | 40 | 56 | 40 | 14 | 39 | 35 | 38 | 54 |
| 48 | 44 | 53 | 44 | 1 | 43 | 11 | 42 | 23 | 41 | 38 | 40 | 57 | 40 | 10 | 39 | 29 | 38 | 50 | 38 | 10 |
| 49 | 44 | 1 | 43 | 10 | 42 | 21 | 41 | 34 | 40 | 50 | 40 | 9 | 39 | 24 | 38 | 44 | 38 | 5 | 37 | 26 |
| 50 | 43 | 8 | 42 | 18 | 41 | 30 | 40 | 44 | 40 | 1 | 39 | 20 | 38 | 37 | 37 | 58 | 37 | 19 | 36 | 41 |
| 51 | 42 | 14 | 41 | 26 | 40 | 39 | 39 | 54 | 39 | 11 | 38 | 30 | 37 | 49 | 37 | 11 | 36 | 32 | 35 | 55 |
| 52 | 41 | 20 | 40 | 33 | 39 | 47 | 39 | 3 | 38 | 20 | 37 | 40 | 37 | 10 | 36 | 23 | 35 | 45 | 35 | 9 |
| 53 | 40 | 21 | 39 | 39 | 38 | 54 | 38 | 11 | 37 | 28 | 36 | 49 | 36 | 10 | 35 | 34 | 34 | 57 | 34 | 22 |
| 54 | 39 | 29 | 38 | 43 | 38 | 0 | 37 | 18 | 36 | 37 | 35 | 58 | 35 | 20 | 34 | 44 | 34 | 9 | 33 | 34 |
| 55 | 38 | 32 | 37 | 47 | 37 | 5 | 36 | 24 | 35 | 45 | 35 | 7 | 34 | 29 | 33 | 54 | 33 | 20 | 32 | 46 |
| 56 | 37 | 34 | 36 | 50 | 36 | 10 | 35 | 30 | 34 | 52 | 34 | 15 | 33 | 38 | 33 | 4 | 32 | 30 | 31 | 57 |
| 57 | 36 | 36 | 35 | 52 | 35 | 14 | 34 | 35 | 33 | 57 | 33 | 23 | 32 | 47 | 32 | 13 | 31 | 40 | 31 | 8 |
| 58 | 35 | 37 | 34 | 54 | 34 | 17 | 33 | 39 | 33 | 2 | 32 | 29 | 31 | 55 | 31 | 21 | 30 | 49 | 30 | 18 |
| 59 | 34 | 37 | 33 | 56 | 33 | 19 | 32 | 43 | 32 | 7 | 31 | 34 | 31 | 1 | 30 | 28 | 29 | 57 | 29 | 27 |
| 60 | 33 | 37 | 32 | 58 | 32 | 21 | 31 | 46 | 31 | 11 | 30 | 38 | 30 | 6 | 29 | 35 | 29 | 5 | 28 | 35 |

Distantia ☾ in semidiam. Terræ.

| Alt. | 52 | | 53 | | 54 | | 55 | | 56 | |
|---|---|---|---|---|---|---|---|---|---|---|
| Gr. | ′ | ″ | ′ | ″ | ′ | ″ | ′ | ″ | ′ | ″ |
| 60 | 33 | 37 | 32 | 58 | 32 | 21 | 31 | 46 | 31 | 11 |
| 61 | 32 | 36 | 31 | 58 | 31 | 22 | 30 | 48 | 30 | 14 |
| 62 | 31 | 34 | 30 | 58 | 30 | 23 | 29 | 49 | 29 | 17 |
| 63 | 30 | 31 | 29 | 57 | 29 | 23 | 28 | 50 | 28 | 19 |
| 64 | 29 | 29 | 28 | 56 | 28 | 23 | 27 | 50 | 27 | 21 |
| 65 | 28 | 26 | 27 | 54 | 27 | 22 | 26 | 50 | 26 | 22 |
| 66 | 27 | 22 | 26 | 51 | 26 | 23 | 25 | 50 | 25 | 23 |
| 67 | 26 | 18 | 25 | 48 | 25 | 19 | 24 | 50 | 24 | 23 |
| 68 | 25 | 13 | 24 | 44 | 24 | 16 | 23 | 49 | 23 | 23 |
| 69 | 24 | 8 | 23 | 40 | 23 | 13 | 22 | 48 | 22 | 22 |
| 70 | 23 | 2 | 22 | 35 | 22 | 10 | 21 | 46 | 21 | 21 |
| 71 | 21 | 56 | 21 | 30 | 21 | 6 | 20 | 43 | 20 | 20 |
| 72 | 20 | 49 | 20 | 25 | 20 | 2 | 19 | 40 | 19 | 19 |
| 73 | 19 | 41 | 19 | 19 | 18 | 58 | 18 | 36 | 18 | 18 |
| 74 | 18 | 32 | 18 | 13 | 17 | 54 | 17 | 32 | 17 | 16 |
| 75 | 17 | 24 | 17 | 6 | 16 | 49 | 16 | 28 | 16 | 13 |
| 76 | 16 | 16 | 15 | 59 | 15 | 43 | 15 | 24 | 15 | 10 |
| 77 | 15 | 8 | 14 | 52 | 14 | 36 | 14 | 19 | 14 | 6 |
| 78 | 14 | 0 | 13 | 45 | 13 | 29 | 13 | 14 | 13 | 2 |
| 79 | 12 | 51 | 12 | 37 | 12 | 23 | 12 | 9 | 11 | 57 |
| 80 | 11 | 42 | 11 | 29 | 11 | 16 | 11 | 4 | 10 | 52 |
| 81 | 10 | 33 | 10 | 21 | 10 | 9 | 9 | 58 | 9 | 47 |
| 82 | 9 | 23 | 9 | 13 | 9 | 2 | 8 | 53 | 8 | 42 |
| 83 | 8 | 13 | 8 | 5 | 7 | 55 | 7 | 48 | 7 | 37 |
| 84 | 7 | 3 | 6 | 57 | 6 | 48 | 6 | 42 | 6 | 32 |
| 85 | 5 | 52 | 5 | 47 | 5 | 40 | 5 | 36 | 5 | 27 |
| 86 | 4 | 42 | 4 | 37 | 4 | 32 | 4 | 29 | 4 | 22 |
| 87 | 3 | 32 | 3 | 28 | 3 | 24 | 3 | 22 | 3 | 17 |
| 88 | 2 | 21 | 2 | 18 | 2 | 16 | 2 | 17 | 2 | 11 |
| 89 | 1 | 10 | 1 | 9 | 1 | 8 | 1 | 7 | 1 | 5 |

| Alt. | 57 | | 58 | | 59 | | 60 | | 61 | |
|---|---|---|---|---|---|---|---|---|---|---|
| G. | ′ | ″ | ′ | ″ | ′ | ″ | ′ | ″ | ′ | ″ |
| 60 | 30 | 38 | 30 | 6 | 29 | 35 | 29 | 5 | 28 | 35 |
| 61 | 29 | 42 | 29 | 11 | 28 | 41 | 28 | 12 | 27 | 43 |
| 62 | 28 | 46 | 28 | 16 | 27 | 47 | 27 | 19 | 26 | 51 |
| 63 | 27 | 49 | 28 | 20 | 26 | 52 | 26 | 25 | 25 | 58 |
| 64 | 26 | 52 | 26 | 24 | 25 | 57 | 25 | 31 | 25 | 5 |
| 65 | 25 | 54 | 25 | 27 | 25 | 1 | 24 | 36 | 24 | 11 |
| 66 | 24 | 56 | 24 | 29 | 24 | 4 | 23 | 40 | 23 | 17 |
| 67 | 23 | 57 | 23 | 32 | 23 | 7 | 22 | 44 | 22 | 22 |
| 68 | 22 | 58 | 22 | 34 | 22 | 10 | 21 | 48 | 21 | 27 |
| 69 | 21 | 59 | 21 | 36 | 21 | 13 | 20 | 52 | 20 | 31 |
| 70 | 20 | 59 | 20 | 37 | 20 | 15 | 19 | 55 | 19 | 35 |
| 71 | 19 | 59 | 19 | 38 | 19 | 17 | 18 | 58 | 18 | 39 |
| 72 | 18 | 58 | 18 | 39 | 18 | 18 | 18 | 0 | 17 | 42 |
| 73 | 17 | 57 | 17 | 38 | 17 | 19 | 17 | 2 | 16 | 45 |
| 74 | 16 | 55 | 16 | 37 | 16 | 20 | 16 | 4 | 15 | 47 |
| 75 | 15 | 53 | 15 | 36 | 15 | 20 | 15 | 5 | 14 | 49 |
| 76 | 14 | 50 | 14 | 35 | 14 | 20 | 14 | 7 | 13 | 51 |
| 77 | 13 | 47 | 13 | 34 | 13 | 20 | 13 | 8 | 12 | 53 |
| 78 | 12 | 44 | 12 | 33 | 12 | 20 | 12 | 9 | 11 | 55 |
| 79 | 11 | 42 | 11 | 31 | 11 | 19 | 11 | 9 | 10 | 56 |
| 80 | 10 | 39 | 10 | 29 | 10 | 18 | 10 | 8 | 9 | 57 |
| 81 | 9 | 36 | 9 | 26 | 9 | 17 | 9 | 8 | 8 | 58 |
| 82 | 8 | 33 | 8 | 24 | 8 | 15 | 8 | 7 | 7 | 59 |
| 83 | 7 | 29 | 7 | 21 | 7 | 13 | 7 | 7 | 7 | 0 |
| 84 | 6 | 25 | 6 | 18 | 6 | 11 | 6 | 6 | 6 | 0 |
| 85 | 5 | 21 | 5 | 16 | 5 | 9 | 5 | 5 | 5 | 0 |
| 86 | 4 | 17 | 4 | 13 | 4 | 7 | 4 | 4 | 4 | 0 |
| 87 | 3 | 13 | 3 | 10 | 3 | 5 | 3 | 3 | 3 | 0 |
| 88 | 2 | 8 | 2 | 6 | 2 | 3 | 2 | 2 | 2 | 0 |
| 89 | 1 | 4 | 1 | 3 | 1 | 1 | 1 | 1 | 1 | 0 |

## TABVLA 62. MEDIORVM MOTVVM SATVRNI ♄.

### EPOCHÆ, seu RADICES MOTVVM.

| Anni Cõpleti ante Christũ | Longit. ab ♈ Sig. | G. | I | II | Apogæi. Sig. | G. | I | II | Nodi Bor. Sig. | G. | I | II |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6000 | 3 | 15 | 41 | 13 | 0 | 24 | 58 | 55 | 1 | 25 | 46 | 6 |
| 5000 | 3 | 10 | 15 | 18 | 1 | 26 | 41 | 40 | 2 | 2 | 58 | 18 |
| 4000 | 3 | 4 | 49 | 23 | 2 | 28 | 24 | 25 | 2 | 10 | 10 | 30 |
| 3000 | 2 | 29 | 23 | 28 | 4 | 0 | 7 | 10 | 2 | 17 | 22 | 42 |
| 2000 | 2 | 23 | 57 | 33 | 5 | 1 | 49 | 55 | 2 | 24 | 34 | 54 |
| 1000 | 2 | 18 | 31 | 38 | 6 | 3 | 32 | 40 | 3 | 1 | 47 | 6 |
| 900 | 7 | 11 | 59 | 2 | 6 | 6 | 42 | 56 | 3 | 2 | 30 | 19 |
| 800 | 0 | 5 | 26 | 26 | 6 | 9 | 53 | 12 | 3 | 3 | 13 | 32 |
| 700 | 4 | 28 | 53 | 50 | 6 | 13 | 3 | 28 | 3 | 3 | 56 | 45 |
| 600 | 9 | 22 | 21 | 14 | 6 | 16 | 13 | 44 | 3 | 4 | 39 | 58 |
| 500 | 2 | 15 | 48 | 38 | 6 | 19 | 24 | 0 | 3 | 5 | 23 | 11 |
| 400 | 7 | 9 | 16 | 2 | 6 | 22 | 34 | 16 | 3 | 6 | 6 | 24 |
| 300 | 0 | 2 | 43 | 26 | 6 | 25 | 44 | 32 | 3 | 6 | 49 | 37 |
| 200 | 4 | 26 | 10 | 50 | 6 | 28 | 54 | 48 | 3 | 7 | 32 | 50 |
| 100 | 9 | 19 | 38 | 18 | 7 | 2 | 5 | 0 | 3 | 8 | 16 | 3 |
| A. Chri. | 2 | 13 | 5 | 45 | 7 | 5 | 15 | 28 | 3 | 8 | 59 | 18 |
| 100 | 7 | 6 | 33 | 8 | 7 | 8 | 25 | 30 | 3 | 9 | 42 | 30 |
| 200 | 0 | 0 | 0 | 33 | 7 | 11 | 35 | 57 | 3 | 10 | 25 | 43 |
| 300 | 4 | 23 | 27 | 58 | 7 | 14 | 46 | 13 | 3 | 11 | 8 | 57 |
| 400 | 9 | 16 | 55 | 22 | 7 | 17 | 56 | 30 | 3 | 11 | 52 | 10 |
| 500 | 2 | 10 | 22 | 47 | 7 | 21 | 6 | 46 | 3 | 12 | 35 | 24 |
| 600 | 7 | 3 | 50 | 11 | 7 | 24 | 17 | 2 | 3 | 13 | 18 | 37 |
| 700 | 11 | 27 | 17 | 36 | 7 | 27 | 27 | 20 | 3 | 14 | 1 | 50 |
| 800 | 4 | 20 | 45 | 0 | 8 | 0 | 37 | 37 | 3 | 14 | 45 | 4 |
| 900 | 9 | 14 | 12 | 25 | 8 | 3 | 47 | 53 | 3 | 15 | 28 | 17 |
| 1000 | 2 | 7 | 39 | 50 | 8 | 6 | 58 | 10 | 3 | 16 | 11 | 30 |
| 1100 | 7 | 1 | 7 | 14 | 8 | 10 | 8 | 26 | 3 | 16 | 54 | 43 |
| 1200 | 11 | 24 | 34 | 38 | 8 | 13 | 18 | 42 | 3 | 17 | 37 | 56 |
| Sty. veteris 1300 | 4 | 18 | 2 | 2 | 8 | 16 | 28 | 58 | 3 | 18 | 21 | 9 |
| 1400 | 9 | 11 | 29 | 26 | 8 | 19 | 39 | 14 | 3 | 19 | 4 | 22 |
| 1500 | 2 | 4 | 56 | 50 | 8 | 22 | 49 | 30 | 3 | 19 | 47 | 35 |
| 1600 | 6 | 28 | 24 | 14 | 8 | 25 | 59 | 46 | 3 | 20 | 30 | 48 |
| Sty. Gregoriano: 1600 | 6 | 28 | 4 | 10 | 8 | 25 | 59 | 43 | 3 | 20 | 30 | 47 |
| 1700 | 11 | 21 | 29 | 34 | 8 | 29 | 10 | 0 | 3 | 21 | 14 | 2 |
| 1800 | 4 | 14 | 54 | 58 | 9 | 2 | 20 | 17 | 3 | 21 | 57 | 15 |
| 1900 | 9 | 8 | 20 | 22 | 9 | 5 | 30 | 32 | 3 | 22 | 40 | 32 |
| 2000 | 2 | 1 | 47 | 46 | 9 | 8 | 40 | 49 | 3 | 23 | 23 | 45 |
| 2100 | 6 | 25 | 15 | 10 | 9 | 11 | 51 | 5 | 3 | 24 | 6 | 58 |
| 2200 | 11 | 18 | 42 | 34 | 9 | 15 | 1 | 21 | 3 | 24 | 50 | 31 |
| 2300 | 4 | 12 | 8 | 56 | 9 | 18 | 11 | 36 | 3 | 25 | 33 | 24 |

### ANNI EXPANSI, & COLLECTI.

| Motus Anni | Longit. ab ♈ Sig. | G. | I | II | Apogæi. Sig. | G. | I | II | Nodi Bor. Gr. | I | II |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 12 | 13 | 34 | 0 | 0 | 1 | 54 | 0 | 0 | 26 |
| 2 | 0 | 24 | 27 | 9 | 0 | 0 | 3 | 48 | 0 | 0 | 52 |
| 3 | 1 | 6 | 40 | 43 | 0 | 0 | 5 | 43 | 0 | 1 | 18 |
| B. 4 | 1 | 18 | 56 | 18 | 0 | 0 | 7 | 37 | 0 | 1 | 44 |
| 5 | 2 | 1 | 9 | 52 | 0 | 0 | 9 | 31 | 0 | 2 | 10 |
| 6 | 2 | 13 | 23 | 26 | 0 | 0 | 11 | 25 | 0 | 2 | 35 |
| 7 | 2 | 25 | 37 | 1 | 0 | 0 | 13 | 19 | 0 | 3 | 1 |
| B. 8 | 3 | 7 | 52 | 36 | 0 | 0 | 15 | 13 | 0 | 3 | 27 |
| 9 | 3 | 20 | 6 | 10 | 0 | 0 | 17 | 7 | 0 | 3 | 53 |
| 10 | 4 | 2 | 19 | 44 | 0 | 0 | 19 | 1 | 0 | 4 | 19 |
| 11 | 4 | 14 | 33 | 18 | 0 | 0 | 20 | 56 | 0 | 4 | 45 |
| B. 12 | 4 | 26 | 48 | 53 | 0 | 0 | 22 | 50 | 0 | 5 | 11 |
| 13 | 5 | 9 | 2 | 28 | 0 | 0 | 24 | 44 | 0 | 5 | 37 |
| 14 | 5 | 21 | 16 | 2 | 0 | 0 | 26 | 38 | 0 | 6 | 3 |
| 15 | 6 | 3 | 29 | 36 | 0 | 0 | 28 | 32 | 0 | 6 | 29 |
| B. 16 | 6 | 15 | 45 | 11 | 0 | 0 | 30 | 26 | 0 | 6 | 55 |
| 17 | 6 | 27 | 58 | 45 | 0 | 0 | 32 | 21 | 0 | 7 | 21 |
| 18 | 7 | 10 | 12 | 20 | 0 | 0 | 34 | 15 | 0 | 7 | 46 |
| 19 | 7 | 22 | 25 | 54 | 0 | 0 | 36 | 9 | 0 | 8 | 12 |
| B. 20 | 8 | 4 | 41 | 29 | 0 | 0 | 38 | 3 | 0 | 8 | 38 |

Radices affixæ sunt Meridiano Bononiensi, in meridie vltimo Decembris præcedentis. Anni præter 1. Christi, qui est iniens, sunt completi, tam sursum numerando ante Christum, quam deorsum post Christum.

### ANNI COLLECTI.

| Motus Anni | Long. ab ♈ Sig. | G. | I | II | Apogei. Sig. | G. | I | II | Nodi Bor. Sig. | G. | I | II |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 40 | 4 | 9 | 22 | 58 | 0 | 1 | 16 | 7 | 0 | 0 | 17 | 17 |
| 60 | 0 | 14 | 4 | 27 | 0 | 1 | 54 | 10 | 0 | 0 | 25 | 56 |
| 80 | 8 | 18 | 45 | 55 | 0 | 2 | 32 | 13 | 0 | 0 | 34 | 34 |
| 100 | 4 | 23 | 27 | 24 | 0 | 3 | 10 | 16 | 0 | 0 | 43 | 13 |
| 200 | 9 | 16 | 54 | 49 | 0 | 6 | 20 | 33 | 0 | 1 | 26 | 26 |
| 300 | 2 | 10 | 22 | 14 | 0 | 9 | 30 | 49 | 0 | 2 | 9 | 40 |
| 400 | 7 | 3 | 49 | 38 | 0 | 12 | 41 | 6 | 0 | 2 | 52 | 53 |
| 500 | 11 | 27 | 17 | 3 | 0 | 15 | 51 | 22 | 0 | 3 | 36 | 6 |
| 600 | 4 | 20 | 44 | 27 | 0 | 19 | 1 | 39 | 0 | 4 | 19 | 19 |
| 700 | 9 | 14 | 11 | 52 | 0 | 22 | 11 | 55 | 0 | 5 | 2 | 32 |
| 800 | 2 | 7 | 39 | 16 | 0 | 25 | 22 | 12 | 0 | 5 | 45 | 46 |
| 900 | 7 | 1 | 6 | 41 | 0 | 28 | 32 | 28 | 0 | 6 | 28 | 59 |
| 1000 | 11 | 24 | 34 | 8 | 1 | 1 | 42 | 45 | 0 | 7 | 12 | 12 |
| 2000 | 11 | 19 | 8 | 11 | 2 | 3 | 25 | 30 | 0 | 14 | 24 | 24 |
| 3000 | 11 | 13 | 42 | 16 | 3 | 5 | 8 | 15 | 0 | 21 | 36 | 36 |
| 4000 | 11 | 8 | 16 | 22 | 4 | 6 | 51 | 0 | 0 | 28 | 48 | 48 |
| 5000 | 11 | 2 | 50 | 27 | 5 | 8 | 33 | 45 | 1 | 6 | 1 | 0 |
| 6000 | 10 | 27 | 24 | 32 | 6 | 10 | 16 | 30 | 1 | 13 | 13 | 12 |

### MENSES ANNI

| Mens. | Communis. Long. ab ♈ Gr. | I | II | Bissextilis. Long. ab ♈ Gr. | I | II | Apogei. I | II |
|---|---|---|---|---|---|---|---|---|
| Ianuar. | 1 | 2 | 18 | 1 | 2 | 18 | 0 | 10 |
| Febr. | 1 | 58 | 35 | 2 | 0 | 36 | 0 | 19 |
| Martij | 3 | 0 | 55 | 3 | 2 | 54 | 0 | 28 |
| Aprilis | 4 | 1 | 10 | 4 | 3 | 11 | 0 | 37 |
| Maij | 5 | 3 | 29 | 5 | 5 | 30 | 0 | 48 |
| Iunij | 6 | 3 | 46 | 6 | 5 | 47 | 0 | 56 |
| Iulij | 7 | 6 | 4 | 7 | 8 | 5 | 1 | 6 |
| Augusti | 8 | 8 | 23 | 8 | 10 | 24 | 1 | 17 |
| Septẽb. | 9 | 8 | 40 | 9 | 10 | 41 | 1 | 25 |
| Octob. | 10 | 10 | 58 | 10 | 12 | 59 | 1 | 35 |
| Nouẽb. | 11 | 11 | 6 | 11 | 13 | 7 | 1 | 45 |
| Decẽb. | 12 | 13 | 34 | 12 | 15 | 35 | 1 | 54 |

### DIES.

| Mot. Dies | Long. ab ♈ G. | I | II | Apog. II |
|---|---|---|---|---|
| 1 | 0 | 2 | 1 | 0 |
| 2 | 0 | 4 | 1 | 0 |
| 3 | 0 | 6 | 2 | 1 |
| 4 | 0 | 8 | 2 | 1 |
| 5 | 0 | 10 | 3 | 2 |
| 6 | 0 | 12 | 4 | 2 |
| 7 | 0 | 14 | 4 | 2 |
| 8 | 0 | 16 | 5 | 3 |
| 9 | 0 | 18 | 5 | 3 |
| 10 | 0 | 20 | 6 | 3 |
| 11 | 0 | 22 | 7 | 4 |
| 12 | 0 | 24 | 7 | 4 |
| 13 | 0 | 26 | 8 | 4 |
| 14 | 0 | 28 | 8 | 5 |
| 15 | 0 | 30 | 9 | 5 |
| 16 | 0 | 32 | 9 | 5 |
| 17 | 0 | 34 | 10 | 6 |
| 18 | 0 | 36 | 11 | 6 |
| 19 | 0 | 38 | 11 | 6 |
| 20 | 0 | 40 | 12 | 7 |
| 21 | 0 | 42 | 12 | 7 |
| 22 | 0 | 44 | 13 | 7 |
| 23 | 0 | 46 | 14 | 8 |
| 24 | 0 | 48 | 14 | 8 |
| 25 | 0 | 50 | 15 | 8 |
| 26 | 0 | 52 | 15 | 9 |
| 27 | 0 | 54 | 16 | 9 |
| 28 | 0 | 56 | 17 | 9 |
| 29 | 0 | 58 | 17 | 10 |
| 30 | 1 | 0 | 18 | 10 |
| 31 | 1 | 2 | 18 | 10 |
| 32 | 1 | 4 | 19 | 11 |

### HORÆ.

| Mot. Horæ | Long. ab ♈ I | II |
|---|---|---|
| 1 | 0 | 5 |
| 2 | 0 | 10 |
| 3 | 0 | 15 |
| 4 | 0 | 20 |
| 5 | 0 | 25 |
| 6 | 0 | 30 |
| 7 | 0 | 35 |
| 8 | 0 | 40 |
| 9 | 0 | 45 |
| 10 | 0 | 50 |
| 11 | 0 | 55 |
| 12 | 1 | 0 |
| 13 | 1 | 5 |
| 14 | 1 | 10 |
| 15 | 1 | 15 |
| 16 | 1 | 20 |
| 17 | 1 | 25 |
| 18 | 1 | 30 |
| 19 | 1 | 35 |
| 20 | 1 | 40 |
| 21 | 1 | 45 |
| 22 | 1 | 50 |
| 23 | 1 | 55 |
| 24 | 2 | 0 |
| 25 | 2 | 5 |
| 26 | 2 | 10 |
| 27 | 2 | 15 |
| 28 | 2 | 20 |
| 29 | 2 | 25 |
| 30 | 2 | 30 |
| 40 | 3 | 20 |
| 60 | 5 | 0 |

ÆQVA-

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TABVLA 63. *Æquatio Prima Inæqualitatis Saturni.*

| Anom. simpl. Gr. | Signa Anomaliæ simplicis. SVBTRAHE. O G. | I | II | I G. | I | II | II G. | I | II | III G. | I | II | IV G. | I | II | V G. | I | II | Anom. simpl. Gr. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 0 | 0 | 0 | 3 | 6 | 17 | 5 | 31 | 12 | 6 | 36 | 13 | 5 | 55 | 48 | 3 | 31 | 3 | 30 |
| 1 | 0 | 6 | 33 | 3 | 12 | 1 | 5 | 34 | 47 | 6 | 36 | 40 | 5 | 52 | 36 | 3 | 24 | 42 | 29 |
| 2 | 0 | 12 | 56 | 3 | 17 | 43 | 5 | 38 | 19 | 6 | 37 | 0 | 5 | 49 | 17 | 3 | 18 | 19 | 28 |
| 3 | 0 | 19 | 28 | 3 | 23 | 23 | 5 | 41 | 48 | 6 | 37 | 10 | 5 | 45 | 51 | 3 | 11 | 55 | 27 |
| 4 | 0 | 25 | 48 | 3 | 28 | 58 | 5 | 45 | 12 | 6 | 37 | 9 | 5 | 42 | 18 | 3 | 5 | 23 | 26 |
| 5 | 0 | 32 | 11 | 3 | 34 | 29 | 5 | 48 | 29 | 6 | 37 | 7 | 5 | 38 | 37 | 2 | 58 | 46 | 25 |
| 6 | 0 | 38 | 47 | 3 | 39 | 56 | 5 | 51 | 39 | 6 | 37 | 52 | 5 | 34 | 48 | 2 | 52 | 04 | 24 |
| 7 | 0 | 45 | 32 | 3 | 45 | 22 | 5 | 54 | 43 | 6 | 36 | 40 | 5 | 30 | 58 | 2 | 45 | 21 | 23 |
| 8 | 0 | 51 | 37 | 3 | 50 | 43 | 5 | 57 | 41 | 6 | 36 | 10 | 5 | 26 | 49 | 2 | 38 | 35 | 22 |
| 9 | 0 | 57 | 50 | 3 | 56 | 2 | 6 | 01 | 32 | 6 | 35 | 34 | 5 | 22 | 41 | 2 | 31 | 47 | 21 |
| 10 | 1 | 4 | 8 | 4 | 1 | 16 | 6 | 3 | 18 | 6 | 34 | 56 | 5 | 18 | 25 | 2 | 24 | 57 | 20 |
| 11 | 1 | 10 | 27 | 4 | 6 | 26 | 6 | 5 | 58 | 6 | 34 | 13 | 5 | 14 | 1 | 2 | 18 | 6 | 19 |
| 12 | 1 | 16 | 46 | 4 | 11 | 32 | 6 | 8 | 32 | 6 | 33 | 25 | 5 | 9 | 29 | 2 | 11 | 16 | 18 |
| 13 | 1 | 23 | 5 | 4 | 16 | 34 | 6 | 11 | 1 | 6 | 32 | 29 | 5 | 4 | 51 | 2 | 4 | 18 | 17 |
| 14 | 1 | 29 | 25 | 4 | 21 | 33 | 6 | 13 | 23 | 6 | 31 | 22 | 5 | 0 | 8 | 1 | 57 | 17 | 16 |
| 15 | 1 | 35 | 44 | 4 | 26 | 29 | 6 | 15 | 37 | 6 | 30 | 48 | 4 | 55 | 19 | 1 | 56 | 10 | 15 |
| 16 | 1 | 42 | 1 | 4 | 31 | 19 | 6 | 17 | 46 | 6 | 28 | 38 | 4 | 50 | 23 | 1 | 53 | 0 | 14 |
| 17 | 1 | 48 | 18 | 4 | 36 | 4 | 6 | 19 | 50 | 6 | 27 | 4 | 4 | 45 | 19 | 1 | 45 | 47 | 13 |
| 18 | 1 | 54 | 34 | 4 | 40 | 45 | 6 | 21 | 48 | 6 | 25 | 22 | 4 | 40 | 9 | 1 | 38 | 32 | 12 |
| 19 | 2 | 0 | 44 | 4 | 45 | 22 | 6 | 23 | 40 | 6 | 23 | 34 | 4 | 34 | 54 | 1 | 21 | 16 | 11 |
| 20 | 2 | 6 | 54 | 4 | 50 | 56 | 6 | 25 | 24 | 6 | 21 | 40 | 4 | 29 | 34 | 1 | 13 | 59 | 10 |
| 21 | 2 | 13 | 2 | 4 | 54 | 25 | 6 | 26 | 59 | 6 | 19 | 39 | 4 | 24 | 7 | 1 | 6 | 40 | 9 |
| 22 | 2 | 19 | 8 | 4 | 58 | 49 | 6 | 28 | 28 | 6 | 17 | 30 | 4 | 18 | 32 | 0 | 59 | 20 | 8 |
| 23 | 2 | 25 | 7 | 5 | 3 | 8 | 6 | 29 | 50 | 6 | 15 | 12 | 4 | 13 | 52 | 0 | 51 | 59 | 7 |
| 24 | 2 | 31 | 2 | 5 | 7 | 28 | 6 | 31 | 26 | 6 | 12 | 46 | 4 | 7 | 10 | 0 | 44 | 37 | 6 |
| 25 | 2 | 36 | 59 | 5 | 11 | 34 | 6 | 32 | 51 | 6 | 10 | 13 | 4 | 1 | 16 | 0 | 37 | 15 | 5 |
| 26 | 2 | 42 | 55 | 5 | 15 | 39 | 6 | 33 | 15 | 6 | 7 | 33 | 3 | 51 | 25 | 0 | 29 | 52 | 4 |
| 27 | 2 | 48 | 51 | 5 | 19 | 39 | 6 | 34 | 10 | 6 | 4 | 47 | 3 | 49 | 32 | 0 | 22 | 27 | 3 |
| 28 | 2 | 54 | 43 | 5 | 23 | 34 | 6 | 34 | 58 | 6 | 2 | 53 | 3 | 43 | 39 | 0 | 15 | 0 | 2 |
| 29 | 3 | 0 | 32 | 5 | 27 | 24 | 6 | 35 | 39 | 5 | 58 | 53 | 3 | 37 | 20 | 0 | 7 | 31 | 1 |
| 30 | 3 | 6 | 17 | 5 | 31 | 12 | 6 | 36 | 13 | 5 | 55 | 48 | 3 | 31 | 3 | 0 | 0 | 0 | 0 |
| | XI | | | X | | | IX | | | VIII | | | VII | | | VI | | | |
| | | | | | | | | | | ADDE | | | | | | | | | |

TAB. 64. *Anomalia Æquata Saturni, respondens Anomaliæ simplici.*

| Anom. simpl. Gr. | O Sig. | G. | I | II | I Sig. | G. | I | II | II Sig. | G. | I | II | III Sig. | G. | I | II | IV Sig. | G. | I | II | V Sig. | G. | I | II | Anom. simpl. G. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 0 | 0 | 0 | 0 | 0 | 28 | 20 | 44 | 1 | 27 | 18 | 0 | 2 | 26 | 41 | 22 | 3 | 27 | 8 | 0 | 4 | 28 | 20 | 44 | 30 |
| 1 | 0 | 0 | 56 | 32 | 0 | 29 | 17 | 45 | 1 | 28 | 6 | 17 | 2 | 27 | 41 | 25 | 3 | 28 | 9 | 0 | 4 | 29 | 23 | 45 | 29 |
| 2 | 0 | 1 | 53 | 5 | 1 | 0 | 14 | 48 | 1 | 29 | 4 | 38 | 2 | 28 | 41 | 31 | 3 | 29 | 11 | 33 | 5 | 0 | 26 | 49 | 28 |
| 3 | 0 | 2 | 49 | 38 | 1 | 1 | 11 | 52 | 2 | 0 | 3 | 2 | 2 | 29 | 41 | 39 | 4 | 0 | 13 | 25 | 5 | 1 | 29 | 54 | 27 |
| 4 | 0 | 3 | 46 | 10 | 1 | 2 | 8 | 59 | 2 | 1 | 1 | 29 | 3 | 0 | 41 | 53 | 4 | 1 | 15 | 19 | 5 | 2 | 33 | 1 | 26 |
| 5 | 0 | 4 | 42 | 43 | 1 | 3 | 6 | 8 | 2 | 2 | 0 | 0 | 3 | 1 | 42 | 10 | 4 | 2 | 17 | 18 | 5 | 3 | 36 | 9 | 25 |
| 6 | 0 | 5 | 39 | 15 | 1 | 4 | 3 | 19 | 2 | 2 | 58 | 34 | 3 | 2 | 42 | 21 | 4 | 3 | 19 | 20 | 5 | 4 | 39 | 19 | 24 |
| 7 | 0 | 6 | 35 | 47 | 1 | 5 | 0 | 32 | 2 | 3 | 57 | 12 | 3 | 3 | 42 | 36 | 4 | 4 | 21 | 25 | 5 | 5 | 42 | 29 | 23 |
| 8 | 0 | 7 | 32 | 21 | 1 | 5 | 57 | 47 | 2 | 4 | 55 | 53 | 3 | 4 | 43 | 23 | 4 | 5 | 23 | 35 | 5 | 6 | 45 | 41 | 22 |
| 9 | 0 | 8 | 28 | 56 | 1 | 6 | 55 | 4 | 2 | 5 | 54 | 37 | 3 | 5 | 43 | 53 | 4 | 6 | 25 | 45 | 5 | 7 | 49 | 53 | 21 |
| 10 | 0 | 9 | 25 | 31 | 1 | 7 | 52 | 22 | 2 | 6 | 53 | 23 | 3 | 6 | 44 | 28 | 4 | 7 | 27 | 55 | 5 | 8 | 52 | 8 | 20 |
| 11 | 0 | 10 | 22 | 7 | 1 | 8 | 49 | 44 | 2 | 7 | 52 | 13 | 3 | 7 | 45 | 5 | 4 | 8 | 30 | 9 | 5 | 9 | 55 | 23 | 19 |
| 12 | 0 | 11 | 18 | 43 | 1 | 9 | 47 | 8 | 2 | 8 | 51 | 7 | 3 | 8 | 45 | 46 | 4 | 9 | 32 | 27 | 5 | 10 | 58 | 41 | 18 |
| 13 | 0 | 12 | 15 | 21 | 1 | 10 | 44 | 35 | 2 | 9 | 50 | 3 | 3 | 9 | 46 | 30 | 4 | 10 | 34 | 48 | 5 | 12 | 1 | 59 | 17 |
| 14 | 0 | 13 | 11 | 59 | 1 | 11 | 42 | 5 | 2 | 10 | 49 | 6 | 3 | 10 | 47 | 18 | 4 | 11 | 37 | 10 | 5 | 13 | 5 | 18 | 16 |
| 15 | 0 | 14 | 8 | 37 | 1 | 12 | 39 | 36 | 2 | 11 | 48 | 10 | 3 | 11 | 48 | 10 | 4 | 12 | 39 | 36 | 5 | 14 | 8 | 37 | 15 |
| 16 | 0 | 15 | 5 | 18 | 1 | 13 | 37 | 10 | 2 | 12 | 47 | 18 | 3 | 12 | 49 | 6 | 4 | 13 | 42 | 5 | 5 | 15 | 11 | 59 | 14 |
| 17 | 0 | 16 | 1 | 59 | 1 | 14 | 34 | 48 | 2 | 13 | 46 | 30 | 3 | 13 | 50 | 5 | 4 | 14 | 44 | 35 | 5 | 16 | 15 | 21 | 13 |
| 18 | 0 | 16 | 58 | 41 | 1 | 15 | 32 | 27 | 2 | 14 | 45 | 46 | 3 | 14 | 51 | 7 | 4 | 15 | 47 | 8 | 5 | 17 | 18 | 43 | 12 |
| 19 | 0 | 17 | 55 | 23 | 1 | 16 | 29 | 9 | 2 | 15 | 45 | 5 | 3 | 15 | 52 | 13 | 4 | 16 | 49 | 44 | 5 | 18 | 22 | 7 | 11 |
| 20 | 0 | 18 | 52 | 8 | 1 | 17 | 27 | 55 | 2 | 16 | 44 | 28 | 3 | 16 | 53 | 23 | 4 | 17 | 52 | 22 | 5 | 19 | 25 | 31 | 10 |
| 21 | 0 | 19 | 48 | 53 | 1 | 18 | 25 | 43 | 2 | 17 | 43 | 53 | 3 | 17 | 54 | 37 | 4 | 18 | 55 | 4 | 5 | 20 | 28 | 56 | 9 |
| 22 | 0 | 20 | 45 | 41 | 1 | 19 | 23 | 33 | 2 | 18 | 43 | 23 | 3 | 18 | 55 | 53 | 4 | 19 | 57 | 47 | 5 | 21 | 32 | 21 | 8 |
| 23 | 0 | 21 | 42 | 29 | 1 | 20 | 21 | 25 | 2 | 19 | 42 | 56 | 3 | 19 | 57 | 12 | 4 | 21 | 0 | 32 | 5 | 22 | 35 | 47 | 7 |
| 24 | 0 | 22 | 39 | 19 | 1 | 21 | 19 | 20 | 2 | 20 | 42 | 31 | 3 | 20 | 58 | 34 | 4 | 22 | 3 | 18 | 5 | 23 | 39 | 15 | 6 |
| 25 | 0 | 23 | 36 | 9 | 1 | 22 | 17 | 18 | 2 | 21 | 42 | 10 | 3 | 22 | 0 | 0 | 4 | 23 | 6 | 8 | 5 | 24 | 42 | 43 | 5 |
| 26 | 0 | 24 | 33 | 1 | 1 | 23 | 15 | 19 | 2 | 22 | 41 | 53 | 3 | 23 | 1 | 29 | 4 | 24 | 8 | 59 | 5 | 25 | 46 | 10 | 4 |
| 27 | 0 | 25 | 29 | 54 | 1 | 24 | 13 | 25 | 2 | 23 | 41 | 39 | 3 | 24 | 3 | 2 | 4 | 25 | 11 | 52 | 5 | 26 | 49 | 38 | 3 |
| 28 | 0 | 26 | 26 | 44 | 1 | 25 | 11 | 33 | 2 | 24 | 41 | 31 | 3 | 25 | 4 | 38 | 4 | 26 | 14 | 48 | 5 | 27 | 53 | 5 | 2 |
| 29 | 0 | 27 | 23 | 45 | 1 | 26 | 9 | 45 | 2 | 25 | 41 | 25 | 3 | 26 | 6 | 17 | 4 | 27 | 17 | 45 | 5 | 28 | 56 | 32 | 1 |
| 30 | 0 | 28 | 20 | 44 | 1 | 27 | 8 | 0 | 2 | 26 | 41 | 22 | 3 | 27 | 8 | 0 | 4 | 28 | 20 | 44 | 5 | 30 | 0 | 0 | 0 |
| G. | XI | | | X | | | IX | | | | | | VIII | | | | VII | | | | VI | | | | |

ÆQVA-

TABVLA 65. Maximarum Æquationum, seu Parallaxium Orbis annui pro Saturno.

Signa, & quindeni Gradus Anomaliæ Solis Æquatæ.

| | O | | | I | | II | | III | | IV | | V | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| An. ♄ | 0 | 15 | 30 | 15 | 30 | 15 | 30 | 15 | 30 | 15 | 30 | 15 | 30 | An. ♄ |
| Sig. G. | G. ′ | G. ′ | G. ′ | G. ′ | G. ′ | G. ′ | G. ′ | G. ′ | G. ′ | G. ′ | G. ′ | G. ′ | G. ′ | G. Sig. |
| 0 0 | 5 47 | 5 47 | 5 46 | 5 46 | 5 44 | 5 45 | 5 41 | 5 40 | 5 38 | 5 37 | 5 36 | 5 35 | 5 35 | 0 12 |
| 3 | 47 | 47 | 46 | 46 | 44 | 43 | 41 | 40 | 38 | 37 | 36 | 35 | 35 | 27 |
| 6 | 47 | 47 | 47 | 46 | 44 | 43 | 41 | 40 | 38 | 37 | 36 | 35 | 35 | 24 |
| 9 | 47 | 47 | 47 | 46 | 44 | 43 | 41 | 40 | 38 | 37 | 36 | 36 | 35 | 21 |
| 12 | 48 | 47 | 47 | 46 | 45 | 43 | 42 | 40 | 38 | 37 | 36 | 36 | 35 | 18 |
| 15 | 5 48 | 5 48 | 5 47 | 5 46 | 5 45 | 5 44 | 5 42 | 5 41 | 5 39 | 5 37 | 5 36 | 5 36 | 5 35 | 15 11 |
| 0 18 | 5 48 | 5 48 | 5 47 | 5 47 | 5 45 | 5 44 | 5 42 | 5 41 | 5 39 | 5 38 | 5 37 | 5 36 | 5 35 | 12 |
| 21 | 49 | 48 | 48 | 47 | 45 | 44 | 42 | 41 | 39 | 38 | 37 | 36 | 36 | 9 |
| 24 | 49 | 49 | 48 | 47 | 46 | 45 | 43 | 42 | 40 | 39 | 37 | 36 | 36 | 6 |
| 27 | 49 | 49 | 48 | 48 | 46 | 45 | 43 | 42 | 40 | 39 | 38 | 37 | 37 | 3 |
| 30 | 5 50 | 5 50 | 5 49 | 5 48 | 5 47 | 5 46 | 5 44 | 5 42 | 5 41 | 5 40 | 5 38 | 5 38 | 5 37 | 0 11 |
| 1 3 | 5 50 | 5 50 | 5 50 | 5 49 | 5 47 | 5 46 | 5 44 | 5 43 | 5 41 | 5 40 | 5 39 | 5 38 | 5 38 | 27 |
| 6 | 51 | 51 | 50 | 49 | 48 | 5 47 | 45 | 43 | 42 | 41 | 39 | 39 | 39 | 24 |
| 9 | 52 | 52 | 51 | 50 | 48 | 47 | 45 | 44 | 42 | 41 | 41 | 39 | 39 | 21 |
| 12 | 52 | 52 | 51 | 51 | 49 | 48 | 46 | 44 | 43 | 42 | 41 | 40 | 40 | 18 |
| 15 | 5 53 | 5 53 | 5 52 | 5 51 | 5 50 | 5 49 | 5 47 | 5 45 | 5 44 | 5 43 | 5 41 | 5 41 | 5 40 | 15 10 |
| 1 18 | 5 54 | 5 53 | 5 53 | 5 52 | 5 50 | 5 49 | 5 47 | 5 46 | 5 44 | 5 43 | 5 42 | 5 42 | 5 41 | 12 |
| 21 | 55 | 54 | 54 | 53 | 51 | 50 | 48 | 47 | 45 | 44 | 43 | 43 | 42 | 9 |
| 24 | 55 | 55 | 54 | 54 | 52 | 51 | 49 | 48 | 46 | 45 | 44 | 43 | 42 | 6 |
| 27 | 56 | 56 | 55 | 54 | 53 | 52 | 50 | 49 | 47 | 46 | 44 | 44 | 43 | 3 |
| 30 | 5 57 | 5 57 | 5 56 | 5 55 | 5 54 | 5 53 | 5 51 | 5 49 | 5 48 | 5 47 | 5 45 | 5 45 | 5 44 | 0 10 |
| 2 3 | 5 58 | 5 58 | 5 57 | 5 56 | 5 55 | 5 54 | 5 52 | 5 50 | 5 48 | 5 47 | 5 46 | 5 46 | 5 45 | 27 |
| 6 | 59 | 59 | 58 | 57 | 56 | 55 | 53 | 51 | 49 | 48 | 47 | 47 | 46 | 24 |
| 9 | 6 0 | 6 0 | 59 | 58 | 57 | 56 | 54 | 52 | 50 | 49 | 48 | 48 | 47 | 21 |
| 12 | 1 | 1 | 6 0 | 59 | 58 | 57 | 55 | 53 | 51 | 50 | 49 | 49 | 48 | 18 |
| 15 | 6 2 | 6 2 | 6 1 | 6 0 | 5 59 | 5 58 | 5 56 | 5 54 | 5 52 | 5 51 | 5 50 | 5 50 | 5 49 | 15 9 |
| 2 18 | 6 3 | 6 3 | 6 2 | 6 1 | 6 0 | 5 59 | 5 57 | 5 55 | 5 53 | 5 52 | 5 51 | 5 51 | 5 50 | 12 |
| 21 | 4 | 4 | 3 | 2 | 1 | 6 0 | 58 | 56 | 54 | 53 | 52 | 52 | 51 | 9 |
| 24 | 5 | 5 | 4 | 3 | 2 | 1 | 59 | 57 | 56 | 54 | 53 | 53 | 52 | 6 |
| 27 | 6 | 6 | 5 | 5 | 3 | 2 | 6 0 | 58 | 57 | 55 | 54 | 54 | 53 | 3 |
| 30 | 6 7 | 6 7 | 6 7 | 6 6 | 6 4 | 6 3 | 6 1 | 5 59 | 5 58 | 5 57 | 5 55 | 5 55 | 5 54 | 0 9 |
| 3 3 | 6 8 | 6 8 | 6 8 | 6 7 | 6 5 | 6 4 | 6 2 | 6 1 | 5 59 | 5 58 | 5 56 | 5 56 | 5 55 | 27 |
| 6 | 10 | 10 | 9 | 8 | 6 | 5 | 3 | 2 | 6 0 | 59 | 58 | 57 | 56 | 24 |
| 9 | 11 | 11 | 10 | 9 | 7 | 6 | 4 | 3 | 1 | 6 0 | 59 | 58 | 58 | 21 |
| 12 | 12 | 12 | 11 | 10 | 9 | 7 | 5 | 4 | 2 | 1 | 6 0 | 59 | 59 | 18 |
| 15 | 6 13 | 6 13 | 6 12 | 6 11 | 6 10 | 6 8 | 6 6 | 6 5 | 6 3 | 6 2 | 6 1 | 6 0 | 6 0 | 15 8 |
| 3 18 | 6 14 | 6 14 | 6 13 | 6 12 | 6 11 | 6 10 | 6 8 | 6 6 | 6 4 | 6 3 | 6 2 | 6 1 | 6 1 | 12 |
| 21 | 15 | 15 | 14 | 13 | 12 | 11 | 9 | 7 | 5 | 4 | 3 | 2 | 2 | 9 |
| 24 | 16 | 16 | 15 | 15 | 13 | 12 | 10 | 8 | 6 | 5 | 4 | 3 | 3 | 6 |
| 27 | 17 | 17 | 16 | 16 | 14 | 13 | 11 | 9 | 7 | 6 | 5 | 4 | 4 | 3 |
| 30 | 6 19 | 6 18 | 6 18 | 6 17 | 6 15 | 6 14 | 6 12 | 6 10 | 6 8 | 6 7 | 6 6 | 6 5 | 6 5 | 0 8 |
| 4 3 | 6 20 | 6 19 | 6 19 | 6 18 | 6 16 | 6 15 | 6 13 | 6 11 | 6 9 | 6 8 | 6 7 | 6 6 | 6 6 | 27 |
| 6 | 21 | 20 | 20 | 19 | 17 | 16 | 14 | 12 | 10 | 9 | 8 | 7 | 7 | 24 |
| 9 | 22 | 21 | 21 | 20 | 18 | 17 | 15 | 13 | 11 | 10 | 9 | 8 | 8 | 21 |
| 12 | 22 | 22 | 21 | 21 | 19 | 18 | 16 | 14 | 12 | 11 | 10 | 9 | 9 | 18 |
| 15 | 6 23 | 6 23 | 6 22 | 6 22 | 6 20 | 6 19 | 6 17 | 6 15 | 6 13 | 6 12 | 6 11 | 6 10 | 6 10 | 15 7 |
| 4 18 | 6 24 | 6 24 | 6 23 | 6 23 | 6 21 | 6 20 | 6 17 | 6 16 | 6 14 | 6 13 | 6 12 | 6 11 | 6 11 | 12 |
| 21 | 25 | 25 | 24 | 24 | 22 | 20 | 18 | 17 | 15 | 14 | 13 | 12 | 12 | 9 |
| 24 | 26 | 26 | 25 | 25 | 23 | 21 | 18 | 18 | 16 | 15 | 14 | 13 | 13 | 6 |
| 27 | 26 | 26 | 26 | 25 | 24 | 22 | 19 | 19 | 16 | 15 | 14 | 13 | 13 | 3 |
| 30 | 6 27 | 6 27 | 6 26 | 6 26 | 6 24 | 6 22 | 6 20 | 6 19 | 6 17 | 6 16 | 6 15 | 6 14 | 6 13 | 0 7 |
| 5 6 | 6 28 | 6 28 | 6 27 | 6 27 | 6 25 | 6 23 | 6 21 | 6 20 | 6 18 | 6 16 | 6 15 | 6 15 | 6 14 | 24 |
| 12 | 29 | 29 | 28 | 27 | 26 | 24 | 22 | 21 | 19 | 17 | 16 | 15 | 15 | 18 |
| 18 | 29 | 29 | 28 | 28 | 27 | 24 | 23 | 21 | 19 | 18 | 17 | 16 | 15 | 12 |
| 24 | 30 | 30 | 29 | 28 | 27 | 25 | 23 | 22 | 20 | 18 | 17 | 17 | 16 | 6 |
| 6 0 | 6 30 | 30 | 6 29 | 6 29 | 6 27 | 6 25 | 6 23 | 6 22 | 6 20 | 6 19 | 6 17 | 6 17 | 6 16 | 0 6 |
| | 30 | 15 | 30 | 15 | 30 | 15 | 30 | 15 | 30 | 15 | 30 | 15 | 0 | |
| | XI | | X | | IX | | VIII | | VII | | VI | | | |

Anomalia Æquata Saturni.

Anomalia Æquata Saturni.

Signa, & seni Gradus Anomaliæ Solis Æquatæ.

LATI-

*TABVLA 66. Scrupula Proportionalia Latitudinis Saturni.*

Anomalia Æquata Excentrici Saturni.

Anomalia Orbis Saturni.

| | Sign. O | | | | | | | | | Sign. I | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Gr. 0 | | | Gr. 15 | | | Gr. 30 | | | Gr. 15 | | | Gr. 30 | | | | | | |
| Anom. orbis ♄ | Scrupula proportionalia. | | Decr. in ☌ | Scrupula proportionalia. | | Decr. in ☌ | Scrupula proportionalia. | | Decr. in ☌ | Scrupula proportionalia. | | Decr. in ☌ | Scrupula proportionalia. | | Decr. in ☌ | Incr. in ☍ | Scrup. Proport. Increm. & Decrem. | | | Anom. orbis ♄ | |
| Sig. G. | G. | ′ | ′ | G. | ′ | ′ | G. | ′ | ′ | G. | ′ | ′ | G. | ′ | ′ | ′ | G. | ′ | | G. | Sig |
| 0 0 | 48 | 20 | 0 | 48 | 20 | 0 | 48 | 19 | 1 | 48 | 17 | 2 | 48 | 15 | 4 | 0 | 60 | 0 | A. | 0 | 1 |
| 6 | 48 | 20 | 0 | 48 | 20 | 0 | 48 | 20 | 1 | 48 | 19 | 2 | 48 | 17 | 4 | 0 | 59 | 25 | | 24 | |
| 12 | 48 | 23 | 0 | 48 | 23 | 0 | 48 | 23 | 1 | 48 | 22 | 2 | 48 | 20 | 4 | 0 | 58 | 26 | | 18 | |
| 18 | 48 | 38 | 0 | 48 | 38 | 0 | 48 | 38 | 1 | 48 | 37 | 2 | 48 | 35 | 4 | 0 | 55 | 40 | | 12 | |
| 24 | 48 | 54 | 0 | 48 | 54 | 0 | 48 | 54 | 1 | 48 | 53 | 2 | 48 | 51 | 4 | 1 | 52 | 20 | | 6 | |
| 30 | 49 | 11 | 0 | 49 | 11 | 0 | 49 | 11 | 1 | 49 | 10 | 2 | 49 | 8 | 4 | 1 | 48 | 47 | | 0 | 1 |
| 1 6 | 49 | 31 | 0 | 49 | 31 | 0 | 49 | 31 | 1 | 49 | 31 | 3 | 49 | 30 | 4 | 2 | 44 | 39 | | 24 | |
| 12 | 49 | 51 | 0 | 49 | 51 | 0 | 49 | 51 | 1 | 49 | 51 | 3 | 49 | 50 | 4 | 2 | 40 | 41 | | 18 | |
| 18 | 50 | 13 | 0 | 50 | 13 | 0 | 50 | 13 | 1 | 50 | 13 | 3 | 50 | 12 | 4 | 2 | 36 | 12 | | 12 | |
| 24 | 50 | 35 | 0 | 50 | 35 | 0 | 50 | 35 | 1 | 50 | 35 | 3 | 50 | 34 | 4 | 3 | 31 | 52 | | 6 | |
| 30 | 50 | 59 | 0 | 50 | 59 | 0 | 50 | 59 | 1 | 50 | 59 | 3 | 50 | 58 | 4 | 3 | 26 | 57 | | 0 | 1 |
| 2 6 | 51 | 23 | 0 | 51 | 23 | 0 | 51 | 23 | 1 | 51 | 23 | 3 | 51 | 22 | 4 | 4 | 22 | 16 | | 24 | |
| 12 | 51 | 48 | 0 | 51 | 48 | 0 | 51 | 48 | 1 | 51 | 48 | 3 | 51 | 48 | 5 | 5 | 17 | 7 | | 18 | |
| 18 | 52 | 14 | 0 | 52 | 14 | 0 | 52 | 14 | 1 | 52 | 14 | 3 | 52 | 14 | 5 | 5 | 11 | 48 | | 12 | |
| 24 | 52 | 40 | 0 | 52 | 40 | 0 | 52 | 40 | 1 | 52 | 40 | 3 | 52 | 40 | 5 | 6 | 6 | 41 | | 6 | |
| 30 | 53 | 6 | 0 | 53 | 6 | 0 | 53 | 6 | 1 | 53 | 6 | 3 | 53 | 6 | 5 | 7 | 1 | 34 | | 0 | |
| 3 6 | 53 | 33 | 0 | 53 | 33 | 0 | 53 | 33 | 1 | 53 | 33 | 3 | 53 | 33 | 5 | 7 | 3 | 9 | B. | 24 | |
| 12 | 54 | 0 | 0 | 54 | 0 | 0 | 54 | 0 | 1 | 54 | 0 | 3 | 54 | 1 | 5 | 8 | 7 | 43 | | 18 | |
| 18 | 54 | 30 | 0 | 54 | 30 | 1 | 54 | 30 | 1 | 54 | 31 | 3 | 54 | 32 | 6 | 8 | 12 | 45 | | 12 | |
| 24 | 55 | 0 | 0 | 55 | 0 | 1 | 55 | 1 | 1 | 55 | 2 | 3 | 55 | 3 | 6 | 9 | 17 | 48 | | 6 | |
| 30 | 55 | 31 | 0 | 55 | 31 | 1 | 55 | 32 | 1 | 55 | 33 | 3 | 55 | 35 | 6 | 10 | 23 | 0 | | 0 | |
| 4 6 | 56 | 3 | 0 | 56 | 3 | 1 | 56 | 4 | 1 | 56 | 6 | 3 | 56 | 8 | 6 | 10 | 28 | 25 | | 24 | |
| 12 | 56 | 36 | 0 | 56 | 37 | 1 | 56 | 38 | 1 | 56 | 40 | 3 | 56 | 42 | 6 | 11 | 33 | 51 | | 18 | |
| 18 | 57 | 10 | 0 | 57 | 11 | 1 | 57 | 12 | 2 | 57 | 14 | 4 | 57 | 17 | 6 | 12 | 37 | 45 | | 12 | |
| 24 | 57 | 38 | 0 | 57 | 39 | 1 | 57 | 41 | 2 | 57 | 44 | 4 | 57 | 47 | 6 | 12 | 44 | 25 | | 6 | |
| 30 | 58 | 0 | 0 | 58 | 1 | 1 | 58 | 3 | 2 | 58 | 6 | 4 | 58 | 10 | 6 | 13 | 48 | 1 | | 0 | |
| 5 6 | 58 | 19 | 0 | 58 | 20 | 1 | 58 | 22 | 2 | 58 | 25 | 4 | 58 | 29 | 6 | 13 | 51 | 20 | | 24 | |
| 12 | 58 | 37 | 0 | 58 | 38 | 1 | 58 | 40 | 2 | 58 | 43 | 4 | 58 | 48 | 6 | 13 | 54 | 19 | | 18 | |
| 18 | 58 | 51 | 0 | 58 | 52 | 1 | 58 | 54 | 2 | 58 | 58 | 4 | 59 | 2 | 6 | 13 | 56 | 42 | | 12 | |
| 24 | 59 | 3 | 0 | 59 | 4 | 1 | 59 | 7 | 2 | 59 | 10 | 4 | 59 | 14 | 7 | 14 | 58 | 44 | | 6 | |
| 30 | 59 | 10 | 0 | 59 | 11 | 1 | 59 | 14 | 2 | 59 | 18 | 4 | 59 | 23 | 7 | 14 | 60 | 0 | | 0 | |
| | G. 30 | | | G. 15 | | | G. 30 | | | G. 15 | | | G. 0 | | | | | | | | |
| | XI | | | | | | X | | | X | | | | | | | | | | | |

Anomalia Æquata Excentrici Saturni.

*Residuum Tab. 66. Scrupula Proportionalia Latitudinis Saturni.*

Anomalia Æquata Excentrici Saturni.

Anomalia Orbis Saturni.

| | Signa II | | | | | | | | | Sign. III | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Gr. 0 | | | G. 15 | | | Gr. 30 | | | Gr. 15 | | | Gr. 30 | | | | | | |
| Anom. orbis ♄ | Scrupula proportionalia. | | Decr. in ☌ | Scrupula proportionalia. | | Decr. in ☌ | Scrupula proportionalia. | | Decr. in ☌ | Scrupula proportionalia. | | Decr. in ☌ | Scrupula proportionalia. | | Decr. in ☌ | Incr. in ☍ | Scrup. proport. Increm. & Decrem. | | | Anom. orbis ♄ | |
| Sig. G. | G. | ′ | ′ | G. | ′ | ′ | G. | ′ | ′ | G. | ′ | ′ | G. | ′ | ′ | ′ | G. | ′ | | G. | Sig |
| 0 0 | 48 | 15 | 4 | 48 | 12 | 5 | 48 | 8 | 7 | 48 | 3 | 9 | 47 | 58 | 10 | 0 | 6 | 0 | A. | 0 | 1 |
| 6 | 48 | 17 | 4 | 48 | 14 | 5 | 48 | 11 | 7 | 48 | 5 | 9 | 47 | 59 | 10 | 0 | 59 | 25 | | 24 | |
| 12 | 48 | 20 | 4 | 48 | 18 | 5 | 48 | 14 | 7 | 48 | 8 | 9 | 48 | 2 | 10 | 0 | 58 | 26 | | 18 | |
| 18 | 48 | 35 | 4 | 48 | 34 | 5 | 48 | 30 | 7 | 48 | 24 | 9 | 48 | 19 | 10 | 0 | 55 | 40 | | 12 | |
| 24 | 48 | 51 | 4 | 48 | 48 | 5 | 48 | 47 | 7 | 48 | 41 | 9 | 48 | 36 | 11 | 1 | 52 | 20 | | 6 | |
| 30 | 49 | 8 | 4 | 49 | 6 | 5 | 49 | 5 | 7 | 49 | 0 | 9 | 48 | 56 | 11 | 1 | 48 | 47 | | 0 | 1 |
| 1 6 | 49 | 30 | 4 | 49 | 28 | 5 | 49 | 26 | 7 | 49 | 22 | 9 | 49 | 18 | 11 | 2 | 44 | 39 | | 24 | |
| 12 | 49 | 50 | 4 | 49 | 48 | 6 | 49 | 46 | 8 | 49 | 42 | 10 | 49 | 38 | 12 | 2 | 40 | 41 | | 18 | |
| 18 | 50 | 12 | 4 | 50 | 10 | 6 | 50 | 9 | 8 | 50 | 5 | 10 | 50 | 2 | 12 | 3 | 36 | 12 | | 12 | |
| 24 | 50 | 34 | 4 | 50 | 32 | 6 | 50 | 31 | 8 | 50 | 27 | 10 | 50 | 24 | 12 | 3 | 31 | 52 | | 6 | |
| 30 | 50 | 58 | 4 | 50 | 56 | 6 | 50 | 56 | 9 | 50 | 53 | 11 | 50 | 50 | 13 | 4 | 26 | 57 | | 0 | 1 |
| 2 6 | 51 | 22 | 4 | 51 | 21 | 6 | 51 | 20 | 9 | 51 | 17 | 11 | 51 | 15 | 13 | 4 | 22 | 16 | | 24 | |
| 12 | 51 | 48 | 5 | 51 | 46 | 6 | 51 | 46 | 9 | 51 | 44 | 11 | 51 | 42 | 14 | 5 | 17 | 7 | | 18 | |
| 18 | 52 | 14 | 5 | 52 | 14 | 7 | 52 | 13 | 9 | 52 | 11 | 11 | 52 | 10 | 14 | 5 | 11 | 48 | | 12 | |
| 24 | 52 | 40 | 5 | 52 | 39 | 8 | 52 | 39 | 10 | 52 | 38 | 12 | 52 | 37 | 15 | 6 | 6 | 41 | | 6 | |
| 30 | 53 | 6 | 5 | 53 | 5 | 8 | 53 | 5 | 10 | 53 | 5 | 12 | 53 | 5 | 15 | 7 | 1 | 34 | | 0 | |
| 3 6 | 53 | 33 | 5 | 53 | 33 | 8 | 53 | 33 | 10 | 53 | 33 | 13 | 53 | 33 | 16 | 7 | 3 | 9 | B. | 24 | |
| 12 | 54 | 1 | 5 | 54 | 2 | 8 | 54 | 2 | 11 | 54 | 2 | 14 | 54 | 3 | 16 | 8 | 7 | 43 | | 18 | |
| 18 | 54 | 32 | 6 | 54 | 34 | 8 | 54 | 34 | 11 | 54 | 35 | 14 | 54 | 36 | 17 | 8 | 12 | 45 | | 12 | |
| 24 | 55 | 3 | 6 | 55 | 5 | 8 | 55 | 6 | 11 | 55 | 8 | 15 | 55 | 9 | 17 | 9 | 17 | 48 | | 6 | |
| 30 | 55 | 35 | 6 | 55 | 37 | 9 | 55 | 39 | 12 | 55 | 41 | 15 | 55 | 43 | 18 | 10 | 23 | 0 | | 0 | |
| 4 6 | 56 | 8 | 6 | 56 | 10 | 9 | 56 | 13 | 12 | 56 | 16 | 15 | 56 | 19 | 18 | 10 | 28 | 25 | | 24 | |
| 12 | 56 | 42 | 6 | 56 | 45 | 9 | 56 | 48 | 12 | 56 | 51 | 15 | 56 | 54 | 18 | 11 | 33 | 51 | | 18 | |
| 18 | 57 | 17 | 6 | 57 | 20 | 9 | 57 | 24 | 12 | 57 | 28 | 15 | 57 | 32 | 18 | 12 | 37 | 45 | | 12 | |
| 24 | 57 | 47 | 6 | 57 | 51 | 9 | 57 | 55 | 12 | 57 | 59 | 15 | 58 | 3 | 18 | 12 | 44 | 25 | | 6 | |
| 30 | 58 | 10 | 6 | 58 | 14 | 9 | 58 | 18 | 13 | 58 | 23 | 16 | 58 | 27 | 19 | 13 | 48 | 1 | | 0 | |
| 5 6 | 58 | 29 | 6 | 58 | 34 | 9 | 58 | 39 | 13 | 58 | 45 | 16 | 58 | 50 | 19 | 13 | 51 | 20 | | 24 | |
| 12 | 58 | 48 | 6 | 58 | 53 | 9 | 58 | 59 | 13 | 59 | 5 | 16 | 59 | 10 | 19 | 13 | 54 | 19 | | 18 | |
| 18 | 59 | 2 | 6 | 59 | 7 | 9 | 59 | 13 | 13 | 59 | 19 | 16 | 59 | 25 | 19 | 13 | 56 | 43 | | 12 | |
| 24 | 59 | 14 | 7 | 59 | 20 | 10 | 59 | 26 | 13 | 59 | 32 | 16 | 59 | 37 | 19 | 14 | 58 | 44 | | 6 | |
| 30 | 59 | 23 | 7 | 59 | 28 | 10 | 59 | 34 | 13 | 59 | 40 | 16 | 59 | 46 | 19 | 14 | 60 | 0 | | 0 | |
| | G. 30 | | | G. 15 | | | G. 30 | | | G. 15 | | | G. 0 | | | | | | | | |
| | Sign. IX | | | | | | VIII | | | VIII | | | | | | | | | | | |

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*Residuum TAB. 66. Scrupula Proportionalia Latitudinis Saturni.*

Anomalia Æquata Excentrici Saturni.

| Anom. orbis ♄ Sig. | G. | Signa IV Gr. 0 Scrupula proportionalia G. | ′ | Decr. in ☌ ′ | Gr. 15 Scrupula proportionalia G. | ′ | Decr. in ☌ ′ | Gr. 30 Scrupula proportionalia G. | ′ | Decr. in ☌ ′ | Sign. V Gr. 15 Scrupula proportionalia G. | ′ | Decr. in ☌ ′ | Gr. 30 Scrupula proportionalia G. | ′ | Decr. in ☌ ′ | Incr. in ☍ ′ | Scrup. proport. Increm. & Decrem. G. | ′ | Anom. orbis ♄ G. | Sig. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 0 | 47 | 58 | 10 | 47 | 54 | 12 | 47 | 51 | 13 | 47 | 49 | 14 | 47 | 48 | 14 | 0 | 6 | 0 A. | 0 | 12 |
| | 6 | 47 | 59 | 10 | 47 | 55 | 12 | 47 | 52 | 13 | 47 | 50 | 14 | 47 | 49 | 14 | 0 | 59 | 25 | 24 | |
| | 12 | 48 | 2 | 10 | 47 | 58 | 12 | 47 | 55 | 13 | 47 | 53 | 14 | 47 | 52 | 14 | 0 | 58 | 26 | 18 | |
| | 18 | 48 | 19 | 10 | 48 | 15 | 12 | 48 | 12 | 13 | 48 | 10 | 14 | 48 | 9 | 14 | 0 | 55 | 40 | 12 | |
| | 24 | 48 | 36 | 11 | 48 | 32 | 13 | 48 | 29 | 14 | 48 | 28 | 15 | 48 | 27 | 15 | 1 | 52 | 20 | 6 | |
| | 30 | 48 | 56 | 11 | 48 | 52 | 13 | 48 | 49 | 14 | 48 | 47 | 15 | 48 | 46 | 15 | 1 | 48 | 47 | 0 | 11 |
| 1 | 6 | 49 | 18 | 11 | 49 | 14 | 13 | 49 | 11 | 14 | 49 | 9 | 15 | 49 | 8 | 16 | 2 | 44 | 39 | 24 | |
| | 12 | 49 | 38 | 12 | 49 | 35 | 14 | 49 | 33 | 15 | 49 | 31 | 16 | 49 | 30 | 16 | 2 | 40 | 41 | 18 | |
| | 18 | 50 | 2 | 12 | 50 | 0 | 14 | 50 | 58 | 15 | 49 | 56 | 16 | 49 | 15 | 16 | 3 | 36 | 12 | 12 | |
| | 24 | 50 | 24 | 12 | 50 | 22 | 14 | 50 | 20 | 15 | 50 | 19 | 17 | 50 | 18 | 17 | 3 | 31 | 52 | 6 | |
| | 30 | 50 | 50 | 13 | 50 | 48 | 15 | 50 | 47 | 16 | 50 | 47 | 17 | 50 | 45 | 17 | 4 | 26 | 57 | 0 | 10 |
| 2 | 6 | 51 | 15 | 13 | 51 | 13 | 15 | 51 | 12 | 16 | 51 | 11 | 18 | 51 | 10 | 18 | 4 | 22 | 16 | 24 | |
| | 12 | 51 | 42 | 14 | 51 | 41 | 16 | 51 | 40 | 17 | 51 | 39 | 18 | 51 | 38 | 18 | 5 | 17 | 7 | 18 | |
| | 18 | 52 | 10 | 14 | 52 | 9 | 16 | 52 | 8 | 17 | 52 | 7 | 19 | 52 | 7 | 19 | 5 | 11 | 48 | 12 | |
| | 24 | 52 | 37 | 15 | 52 | 36 | 17 | 52 | 35 | 18 | 52 | 35 | 19 | 52 | 35 | 19 | 6 | 6 | 41 | 6 | |
| | 30 | 53 | 5 | 15 | 53 | 5 | 17 | 53 | 5 | 18 | 53 | 5 | 20 | 53 | 5 | 20 | 7 | 1 | 34 | 0 | 9 |
| 3 | 6 | 53 | 33 | 16 | 53 | 33 | 18 | 53 | 33 | 19 | 53 | 33 | 20 | 53 | 33 | 20 | 7 | 3 | 9 B. | 24 | |
| | 12 | 54 | 3 | 17 | 54 | 3 | 19 | 54 | 4 | 19 | 54 | 4 | 21 | 54 | 4 | 21 | 8 | 7 | 43 | 18 | |
| | 18 | 54 | 36 | 17 | 54 | 37 | 19 | 54 | 37 | 20 | 54 | 38 | 21 | 54 | 38 | 21 | 8 | 12 | 45 | 12 | |
| | 24 | 55 | 9 | 18 | 55 | 10 | 19 | 55 | 11 | 20 | 55 | 12 | 22 | 55 | 12 | 22 | 9 | 17 | 48 | 6 | |
| | 30 | 55 | 43 | 18 | 55 | 44 | 20 | 55 | 45 | 21 | 55 | 46 | 22 | 55 | 47 | 22 | 10 | 23 | 0 | 0 | 8 |
| 4 | 6 | 56 | 19 | 18 | 56 | 21 | 20 | 56 | 22 | 21 | 56 | 23 | 23 | 56 | 24 | 23 | 10 | 28 | 25 | 24 | |
| | 12 | 56 | 54 | 18 | 56 | 57 | 20 | 56 | 59 | 21 | 57 | 0 | 23 | 57 | 1 | 23 | 11 | 33 | 51 | 18 | |
| | 18 | 57 | 32 | 18 | 57 | 35 | 20 | 57 | 37 | 22 | 57 | 38 | 23 | 57 | 39 | 24 | 12 | 37 | 45 | 12 | |
| | 24 | 58 | 3 | 18 | 58 | 6 | 21 | 58 | 8 | 22 | 58 | 10 | 24 | 58 | 12 | 24 | 12 | 44 | 25 | 6 | |
| | 30 | 58 | 27 | 19 | 58 | 31 | 21 | 58 | 34 | 23 | 58 | 36 | 24 | 58 | 37 | 25 | 13 | 48 | 1 | 0 | 7 |
| 5 | 6 | 58 | 50 | 19 | 58 | 54 | 21 | 58 | 57 | 23 | 58 | 59 | 24 | 59 | 0 | 25 | 13 | 51 | 20 | 24 | |
| | 12 | 59 | 10 | 19 | 59 | 14 | 21 | 59 | 17 | 23 | 59 | 20 | 24 | 59 | 22 | 25 | 13 | 54 | 19 | 18 | |
| | 18 | 59 | 25 | 19 | 59 | 29 | 21 | 59 | 32 | 23 | 59 | 35 | 25 | 59 | 37 | 25 | 13 | 56 | 43 | 12 | |
| | 24 | 59 | 37 | 19 | 59 | 42 | 22 | 59 | 46 | 24 | 59 | 49 | 25 | 59 | 51 | 26 | 14 | 58 | 44 | 6 | |
| | 30 | 59 | 46 | 19 | 59 | 51 | 22 | 59 | 55 | 24 | 59 | 50 | 25 | 60 | 0 | 26 | 14 | 60 | 0 | 0 | 6 |
| | | G. 30 | | | G. 15 | | | G. 30 | | | G. 15 | | | G. 0 | | | | | | | |
| | | Sign. VII | | | | | | Sign. VI | | | | | | | | | | | | | |

Anomalia Orbis Saturni.

Anomalia Orbis Saturni.

*TABVLA 67. Latitudinis, Reductionis, & Curtationis Saturni.*

Signa Distantiæ Saturni à Nodo Boreali.

| Gr. Dist. à ☊ | 0 Bor. & 6 Austr. Latitudo G. | ′ | Reductio ′ | ″ | Curtatio ″ | 1 Bor. & 7 Austr. Latitudo G. | ′ | Reductio ′ | ″ | Curtatio ″ | 2 Bor. & 8 Austr. Latitudo G. | ′ | Reductio ′ | ″ | Curtatio ″ | Gr. Dist. à ☊ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 0 | 0 | 0 | 0 | 0 | 1 | 29 | 1 | 27 | 10 | 2 | 33 | 1 | 27 | | 30 |
| 1 | 0 | 3 | 0 | 4 | 0 | 1 | 32 | 1 | 29 | 10 | 2 | 35 | 1 | 25 | | 29 |
| 2 | 0 | 6 | 0 | 8 | 1 | 1 | 34 | 1 | 30 | 11 | 2 | 36 | 1 | 23 | | 28 |
| 3 | 0 | 9 | 0 | 11 | 1 | 1 | 37 | 1 | 32 | 11 | 2 | 38 | 1 | 21 | | 27 |
| 4 | 0 | 12 | 0 | 15 | 1 | 1 | 39 | 1 | 34 | 11 | 2 | 39 | 1 | 19 | | 26 |
| 5 | 0 | 16 | 0 | 18 | 2 | 1 | 42 | 1 | 35 | 12 | 2 | 41 | 1 | 17 | | 25 |
| 6 | 0 | 19 | 0 | 22 | 2 | 1 | 44 | 1 | 36 | 12 | 2 | 42 | 1 | 15 | | 24 |
| 7 | 0 | 22 | 0 | 25 | 2 | 1 | 47 | 1 | 37 | 12 | 2 | 43 | 1 | 13 | | 23 |
| 8 | 0 | 25 | 0 | 28 | 3 | 1 | 49 | 1 | 38 | 12 | 2 | 44 | 1 | 11 | | 22 |
| 9 | 0 | 28 | 0 | 32 | 3 | 1 | 52 | 1 | 38 | 13 | 2 | 46 | 1 | 8 | | 21 |
| 10 | 0 | 31 | 0 | 35 | 3 | 1 | 54 | 1 | 39 | 13 | 2 | 47 | 1 | 5 | | 20 |
| 11 | 0 | 34 | 0 | 38 | 4 | 1 | 56 | 1 | 39 | 13 | 2 | 48 | 1 | 3 | | 19 |
| 12 | 0 | 37 | 0 | 42 | 4 | 1 | 58 | 1 | 40 | 13 | 2 | 49 | 1 | 0 | | 18 |
| 13 | 0 | 40 | 0 | 45 | 4 | 2 | 1 | 1 | 40 | 14 | 2 | 49 | 0 | 57 | | 17 |
| 14 | 0 | 43 | 0 | 48 | 5 | 2 | 3 | 1 | 41 | 14 | 2 | 50 | 0 | 54 | | 16 |
| 15 | 0 | 46 | 0 | 51 | 5 | 2 | 5 | 1 | 41 | 14 | 2 | 51 | 0 | 51 | | 15 |
| 16 | 0 | 49 | 0 | 54 | 6 | 2 | 7 | 1 | 41 | 14 | 2 | 51 | 0 | 48 | | 14 |
| 17 | 0 | 52 | 0 | 58 | 6 | 2 | 9 | 1 | 40 | 15 | 2 | 52 | 0 | 45 | | 13 |
| 18 | 0 | 55 | 1 | 0 | 6 | 2 | 11 | 1 | 40 | 15 | 2 | 53 | 0 | 42 | | 12 |
| 19 | 0 | 58 | 1 | 3 | 7 | 2 | 14 | 1 | 39 | 15 | 2 | 53 | 0 | 38 | | 11 |
| 20 | 1 | 0 | 1 | 5 | 7 | 2 | 16 | 1 | 39 | 15 | 2 | 54 | 0 | 35 | | 10 |
| 21 | 1 | 3 | 1 | 8 | 7 | 2 | 18 | 1 | 38 | 16 | 2 | 54 | 0 | 32 | | 9 |
| 22 | 1 | 6 | 1 | 11 | 7 | 2 | 20 | 1 | 38 | 16 | 2 | 55 | 0 | 28 | | 8 |
| 23 | 1 | 9 | 1 | 13 | 8 | 2 | 22 | 1 | 37 | 16 | 2 | 55 | 0 | 25 | | 7 |
| 24 | 1 | 12 | 1 | 15 | 8 | 2 | 23 | 1 | 36 | 16 | 2 | 56 | 0 | 22 | | 6 |
| 25 | 1 | 15 | 1 | 18 | 8 | 2 | 25 | 1 | 35 | 16 | 2 | 56 | 0 | 18 | | 5 |
| 26 | 1 | 18 | 1 | 19 | 9 | 2 | 26 | 1 | 34 | 16 | 2 | 57 | 0 | 15 | | 4 |
| 27 | 1 | 21 | 1 | 21 | 9 | 2 | 28 | 1 | 32 | 17 | 2 | 57 | 0 | 11 | | 3 |
| 28 | 1 | 23 | 1 | 23 | 9 | 2 | 30 | 1 | 30 | 17 | 2 | 57 | 0 | 8 | | 2 |
| 29 | 1 | 26 | 1 | 25 | 10 | 2 | 32 | 1 | 29 | 17 | 2 | 57 | 0 | 4 | | 1 |
| 30 | 1 | 29 | 1 | 28 | 10 | 2 | 33 | 1 | 27 | 17 | 2 | 57 | 0 | 0 | | 0 |
| | 5 Bor. & 11 Austr. | | | | | 4 Bor. & 10 Austr. | | | | | 3 Bor. & 9 Austr. | | | | | |

Signa Distantiæ Saturni à Nodo Boreali.

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## TABVLA 68. MEDIORVM MOTVVM IOVIS ♃.

### EPOCHÆ, seu RADICES MOTVVM.

| Anni Cõpleti ante Christũ | Longit. ab ♈ Sig. | G. | I | II | Apogæi. G. | I | II | Nodi Bor. Sig. | G. | I | II |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 6000 | 5 | 11 | 29 | 30 | 11 | 29 | 55 | 33 | 1 | 16 | 37 | 39 |
| 5000 | 9 | 14 | 32 | 52 | 0 | 24 | 40 | 32 | 1 | 23 | 28 | 7 |
| 4000 | 1 | 17 | 36 | 14 | 1 | 19 | 25 | 31 | 2 | 0 | 18 | 35 |
| 3000 | 5 | 20 | 39 | 36 | 2 | 14 | 10 | 30 | 2 | 7 | 9 | 1 |
| 2000 | 9 | 23 | 42 | 58 | 3 | 8 | 55 | 29 | 2 | 13 | 59 | 29 |
| 1000 | 1 | 26 | 46 | 20 | 4 | 3 | 40 | 28 | 2 | 20 | 49 | 57 |
| 900 | 7 | 3 | 4 | 40 | 4 | 6 | 8 | 58 | 2 | 21 | 31 | 0 |
| 800 | 0 | 9 | 23 | 0 | 4 | 8 | 37 | 28 | 2 | 22 | 12 | 3 |
| 700 | 5 | 15 | 41 | 20 | 4 | 11 | 5 | 58 | 2 | 22 | 53 | 6 |
| 600 | 10 | 21 | 59 | 40 | 4 | 13 | 34 | 28 | 2 | 23 | 34 | 9 |
| 500 | 3 | 28 | 18 | 0 | 4 | 16 | 2 | 58 | 2 | 24 | 15 | 12 |
| 400 | 9 | 4 | 36 | 21 | 4 | 18 | 31 | 28 | 2 | 24 | 56 | 15 |
| 300 | 2 | 10 | 54 | 42 | 4 | 20 | 59 | 57 | 2 | 25 | 37 | 18 |
| 200 | 7 | 17 | 13 | 3 | 4 | 23 | 28 | 26 | 2 | 26 | 18 | 20 |
| 100 | 0 | 23 | 31 | 24 | 4 | 25 | 56 | 55 | 2 | 26 | 59 | 22 |
| Christi | 5 | 29 | 49 | 45 | 4 | 28 | 25 | 24 | 2 | 27 | 40 | 25 |
| 100 | 11 | 6 | 8 | 8 | 5 | 0 | 53 | 56 | 2 | 28 | 21 | 29 |
| 200 | 4 | 12 | 26 | 28 | 5 | 3 | 22 | 26 | 2 | 29 | 2 | 32 |
| 300 | 9 | 18 | 44 | 49 | 5 | 5 | 50 | 56 | 2 | 29 | 43 | 34 |
| 400 | 2 | 25 | 3 | 9 | 5 | 8 | 19 | 25 | 3 | 0 | 24 | 37 |
| 500 | 8 | 1 | 21 | 29 | 5 | 10 | 47 | 55 | 3 | 1 | 5 | 40 |
| 600 | 1 | 7 | 39 | 49 | 5 | 13 | 16 | 25 | 3 | 1 | 46 | 43 |
| 700 | 6 | 13 | 58 | 10 | 5 | 15 | 44 | 55 | 3 | 2 | 27 | 45 |
| 800 | 11 | 20 | 16 | 30 | 5 | 18 | 13 | 25 | 3 | 3 | 8 | 48 |
| 900 | 4 | 26 | 4 | 50 | 5 | 20 | 41 | 55 | 3 | 3 | 49 | 51 |
| 1000 | 10 | 2 | 53 | 10 | 5 | 23 | 10 | 25 | 3 | 4 | 30 | 54 |
| 1100 | 3 | 9 | 11 | 30 | 5 | 25 | 38 | 55 | 3 | 5 | 11 | 57 |
| 1200 | 8 | 15 | 29 | 50 | 5 | 26 | 7 | 25 | 3 | 5 | 53 | 0 |
| St. veteri. 1300 | 1 | 21 | 48 | 10 | 5 | 28 | 35 | 55 | 3 | 6 | 34 | 3 |
| 1400 | 6 | 28 | 6 | 30 | 6 | 1 | 4 | 25 | 3 | 7 | 15 | 6 |
| 1500 | 0 | 4 | 24 | 50 | 6 | 3 | 32 | 55 | 3 | 7 | 56 | 9 |
| 1600 | 5 | 10 | 43 | 10 | 6 | 5 | 51 | 25 | 3 | 8 | 37 | 12 |
| Stylo Gregoriano. 1600 | 5 | 9 | 53 | 18 | 6 | 8 | 1 | 22 | 3 | 8 | 37 | 11 |
| 1700 | 10 | 16 | 6 | 39 | 6 | 10 | 29 | 52 | 3 | 9 | 18 | 16 |
| 1800 | 3 | 22 | 19 | 59 | 6 | 12 | 58 | 22 | 3 | 9 | 59 | 21 |
| 1900 | 8 | 28 | 33 | 22 | 6 | 15 | 26 | 51 | 3 | 10 | 40 | 26 |
| 2000 | 2 | 4 | 51 | 42 | 6 | 17 | 55 | 21 | 3 | 11 | 21 | 30 |
| 2100 | 7 | 11 | 5 | 2 | 6 | 20 | 23 | 51 | 3 | 12 | 2 | 21 |
| 2200 | 0 | 17 | 18 | 22 | 6 | 22 | 52 | 21 | 3 | 12 | 43 | 12 |
| 2300 | 5 | 23 | 31 | 42 | 6 | 25 | 20 | 51 | 3 | 13 | 24 | 3 |

### ANNI EXPANSI, & COLLECTI.

| Motus Anni | Longit. ab ♈ Sig. | G. | I | II | Apogæi. G. | I | II | Nodi Bor. G. | I | II |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1 | 0 | 20 | 32 | 0 | 1 | 29 | 0 | 0 | 25 |
| 2 | 2 | 0 | 41 | 4 | 0 | 2 | 58 | 0 | 0 | 49 |
| 3 | 3 | 1 | 1 | 36 | 0 | 4 | 27 | 0 | 1 | 14 |
| B. 4 | 4 | 1 | 27 | 8 | 0 | 5 | 56 | 0 | 1 | 38 |
| 5 | 5 | 1 | 47 | 40 | 0 | 7 | 25 | 0 | 2 | 3 |
| 6 | 6 | 2 | 8 | 12 | 0 | 8 | 54 | 0 | 2 | 28 |
| 7 | 7 | 2 | 28 | 44 | 0 | 10 | 24 | 0 | 2 | 52 |
| B. 8 | 8 | 2 | 54 | 16 | 0 | 11 | 53 | 0 | 3 | 17 |
| 9 | 9 | 3 | 14 | 48 | 0 | 13 | 22 | 0 | 3 | 42 |
| 10 | 10 | 3 | 35 | 20 | 0 | 14 | 51 | 0 | 4 | 6 |
| 11 | 11 | 3 | 55 | 53 | 0 | 16 | 20 | 0 | 4 | 31 |
| B. 12 | 0 | 4 | 21 | 24 | 0 | 17 | 49 | 0 | 4 | 55 |
| 13 | 1 | 4 | 41 | 56 | 0 | 19 | 18 | 0 | 5 | 20 |
| 14 | 2 | 5 | 2 | 28 | 0 | 20 | 47 | 0 | 5 | 45 |
| 15 | 3 | 5 | 23 | 1 | 0 | 22 | 16 | 0 | 6 | 9 |
| B. 16 | 4 | 5 | 48 | 32 | 0 | 23 | 46 | 0 | 6 | 34 |
| 17 | 5 | 6 | 9 | 4 | 0 | 25 | 15 | 0 | 6 | 59 |
| 18 | 6 | 6 | 29 | 37 | 0 | 26 | 44 | 0 | 7 | 23 |
| 19 | 7 | 6 | 50 | 9 | 0 | 28 | 13 | 0 | 7 | 48 |
| B. 20 | 8 | 7 | 15 | 40 | 0 | 29 | 42 | 0 | 8 | 13 |

Radices affixæ sunt Meridiano Bononiensi, in meridie vltimo Decembris præcedentis. Anni præter 1. Christi, qui est iniens, sunt Completi, tam numerando sursum ante Christum, quàm deorsum post Christum.

### ANNI COLLECTI IVLIANI.

| Motus Anni | Long. ab ♈ Sig. | G. | I | II | Apogei. Sig. | G. | I | II | Nodi Bor. Sig. | G. | I | II |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 40 | 4 | 14 | 31 | 20 | 0 | 0 | 59 | 24 | 0 | 0 | 16 | 25 |
| 60 | 0 | 21 | 47 | 0 | 0 | 1 | 29 | 6 | 0 | 0 | 24 | 38 |
| 80 | 8 | 29 | 21 | 40 | 0 | 1 | 58 | 48 | 0 | 0 | 32 | 50 |
| 100 | 5 | 6 | 18 | 20 | 0 | 2 | 28 | 30 | 0 | 0 | 41 | 3 |
| 200 | 10 | 12 | 36 | 40 | 0 | 4 | 57 | 0 | 0 | 1 | 22 | 6 |
| 300 | 3 | 18 | 55 | 1 | 0 | 7 | 25 | 30 | 0 | 2 | 3 | 8 |
| 400 | 8 | 25 | 13 | 21 | 0 | 9 | 53 | 59 | 0 | 2 | 44 | 11 |
| 500 | 2 | 1 | 31 | 41 | 0 | 12 | 22 | 29 | 0 | 3 | 25 | 14 |
| 600 | 7 | 7 | 50 | 1 | 0 | 14 | 50 | 59 | 0 | 4 | 6 | 17 |
| 700 | 0 | 14 | 8 | 22 | 0 | 17 | 19 | 29 | 0 | 4 | 47 | 19 |
| 800 | 5 | 20 | 26 | 42 | 0 | 19 | 47 | 59 | 0 | 5 | 28 | 22 |
| 900 | 10 | 26 | 45 | 2 | 0 | 22 | 16 | 29 | 0 | 6 | 9 | 25 |
| 1000 | 4 | 3 | 3 | 22 | 0 | 24 | 44 | 59 | 0 | 6 | 50 | 28 |
| 2000 | 8 | 6 | 6 | 45 | 1 | 19 | 29 | 57 | 0 | 13 | 40 | 56 |
| 3000 | 0 | 9 | 10 | 7 | 2 | 14 | 14 | 56 | 0 | 20 | 30 | 23 |
| 4000 | 4 | 12 | 13 | 30 | 3 | 8 | 59 | 54 | 0 | 27 | 21 | 51 |
| 5000 | 8 | 15 | 16 | 52 | 4 | 3 | 44 | 53 | 1 | 4 | 12 | 18 |
| 6000 | 0 | 18 | 20 | 15 | 4 | 28 | 29 | 51 | 1 | 11 | 21 | 46 |

### MENSES ANNI

| Mens. | Communis. Long. ab ♈ G. | I | II | Bissextilis. Long. ab ♈ G. | I | II | Apog. I | II | Nodi. II |
|---|---|---|---|---|---|---|---|---|---|
| Ianuar. | 2 | 34 | 37 | 2 | 39 | 36 | 0 | 0 | 0 |
| Febr. | 4 | 54 | 17 | 4 | 59 | 16 | 0 | 7 | 2 |
| Martij | 7 | 28 | 54 | 7 | 13 | 53 | 0 | 15 | 4 |
| Aprilis | 9 | 58 | 32 | 10 | 3 | 31 | 0 | 22 | 6 |
| Maij | 12 | 33 | 9 | 12 | 38 | 8 | 0 | 29 | 8 |
| Iunij | 15 | 2 | 47 | 15 | 7 | 46 | 0 | 37 | 10 |
| Iulij | 17 | 37 | 24 | 17 | 42 | 23 | 0 | 44 | 12 |
| Augusti | 20 | 12 | 2 | 20 | 17 | 1 | 0 | 52 | 14 |
| Septẽb. | 22 | 41 | 40 | 22 | 46 | 39 | 1 | 0 | 16 |
| Octob. | 25 | 16 | 17 | 25 | 21 | 16 | 1 | 7 | 18 |
| Nouẽb. | 27 | 45 | 55 | 27 | 50 | 54 | 1 | 15 | 20 |
| Decẽb. | 30 | 20 | 32 | 30 | 25 | 31 | 1 | 22 | 22 |

### DIES.

| Mot. Dies | Long. ab ♈ G. | I | II | Apog. II |
|---|---|---|---|---|
| 1 | 0 | 4 | 59 | 0 |
| 2 | 0 | 9 | 59 | 0 |
| 3 | 0 | 14 | 58 | 0 |
| 4 | 0 | 19 | 57 | 1 |
| 5 | 0 | 24 | 56 | 1 |
| 6 | 0 | 29 | 56 | 1 |
| 7 | 0 | 34 | 55 | 1 |
| 8 | 0 | 39 | 54 | 1 |
| 9 | 0 | 44 | 53 | 2 |
| 10 | 0 | 49 | 53 | 2 |
| 11 | 0 | 54 | 52 | 2 |
| 12 | 0 | 59 | 51 | 2 |
| 13 | 1 | 4 | 50 | 3 |
| 14 | 1 | 9 | 50 | 3 |
| 15 | 1 | 14 | 49 | 3 |
| 16 | 1 | 19 | 48 | 3 |
| 17 | 1 | 24 | 48 | 4 |
| 18 | 1 | 29 | 47 | 4 |
| 19 | 1 | 34 | 46 | 4 |
| 20 | 1 | 39 | 45 | 4 |
| 21 | 1 | 44 | 45 | 5 |
| 22 | 1 | 49 | 44 | 5 |
| 23 | 1 | 54 | 43 | 5 |
| 24 | 1 | 59 | 42 | 5 |
| 25 | 2 | 4 | 42 | 6 |
| 26 | 2 | 9 | 41 | 6 |
| 27 | 2 | 14 | 40 | 6 |
| 28 | 2 | 19 | 39 | 6 |
| 29 | 2 | 24 | 39 | 7 |
| 30 | 2 | 29 | 38 | 7 |
| 31 | 2 | 34 | 37 | 7 |
| 32 | 2 | 39 | 36 | 7 |

### HORÆ.

| Mot. Horæ | Long. ab ♈ I | II |
|---|---|---|
| 1 | 0 | 12 |
| 2 | 0 | 25 |
| 3 | 0 | 37 |
| 4 | 0 | 50 |
| 5 | 1 | 2 |
| 6 | 1 | 15 |
| 7 | 1 | 27 |
| 8 | 1 | 38 |
| 9 | 1 | 52 |
| 10 | 2 | 5 |
| 11 | 2 | 17 |
| 12 | 2 | 30 |
| 13 | 2 | 42 |
| 14 | 2 | 55 |
| 15 | 3 | 7 |
| 16 | 3 | 20 |
| 17 | 3 | 32 |
| 18 | 3 | 44 |
| 19 | 3 | 57 |
| 20 | 4 | 9 |
| 21 | 4 | 22 |
| 22 | 4 | 34 |
| 23 | 4 | 47 |
| 24 | 4 | 59 |
| 25 | 5 | 12 |
| 26 | 5 | 24 |
| 27 | 5 | 37 |
| 28 | 5 | 49 |
| 29 | 6 | 2 |
| 30 | 6 | 14 |
| 40 | 8 | 19 |
| 60 | 12 | 28 |



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*TABVLA 69. Æquatio Prima Inæqualitatis Iouis.*

| Anom. simpl. Gr. | Signa Anomaliæ simplicis. SVBTRAHE. O G. | O I | O II | I G. | I I | I II | II G. | II I | II II | III G. | III I | III II | IV G. | IV I | IV II | V G. | V I | V II | Anom. simpl. Gr. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 0 | 0 | 0 | 2 | 38 | 20 | 4 | 40 | 23 | 5 | 33 | 28 | 4 | 57 | 50 | 2 | 56 | 0 | 30 |
| 1 | 0 | 5 | 30 | 2 | 43 | 15 | 4 | 43 | 23 | 5 | 33 | 46 | 4 | 55 | 4 | 2 | 50 | 45 | 29 |
| 2 | 0 | 11 | 0 | 2 | 48 | 4 | 4 | 46 | 17 | 5 | 33 | 57 | 4 | 52 | 13 | 2 | 45 | 24 | 28 |
| 3 | 0 | 16 | 31 | 2 | 52 | 49 | 4 | 49 | 6 | 5 | 34 | 0 | 4 | 49 | 16 | 2 | 40 | 0 | 27 |
| 4 | 0 | 22 | 0 | 2 | 57 | 32 | 4 | 51 | 48 | 5 | 33 | 59 | 4 | 46 | 12 | 2 | 34 | 33 | 26 |
| 5 | 0 | 27 | 29 | 3 | 2 | 9 | 4 | 54 | 27 | 5 | 33 | 19 | 4 | 43 | 2 | 2 | 29 | 3 | 25 |
| 6 | 0 | 32 | 57 | 3 | 6 | 45 | 4 | 57 | 1 | 5 | 33 | 40 | 4 | 39 | 45 | 2 | 23 | 30 | 24 |
| 7 | 0 | 38 | 24 | 3 | 11 | 22 | 4 | 59 | 34 | 5 | 33 | 22 | 4 | 36 | 22 | 2 | 17 | 56 | 23 |
| 8 | 0 | 43 | 52 | 3 | 15 | 54 | 5 | 2 | 4 | 5 | 32 | 59 | 4 | 32 | 54 | 2 | 12 | 17 | 22 |
| 9 | 0 | 49 | 18 | 3 | 20 | 22 | 5 | 4 | 30 | 5 | 32 | 31 | 4 | 29 | 20 | 2 | 6 | 34 | 21 |
| 10 | 0 | 54 | 42 | 3 | 24 | 47 | 5 | 6 | 50 | 5 | 31 | 58 | 4 | 25 | 41 | 2 | 0 | 49 | 20 |
| 11 | 1 | 0 | 5 | 3 | 29 | 6 | 5 | 9 | 5 | 5 | 31 | 21 | 4 | 21 | 55 | 1 | 55 | 2 | 19 |
| 12 | 1 | 5 | 28 | 3 | 33 | 23 | 5 | 11 | 14 | 5 | 30 | 24 | 4 | 18 | 5 | 1 | 49 | 11 | 18 |
| 13 | 1 | 10 | 50 | 3 | 37 | 38 | 5 | 13 | 18 | 5 | 29 | 22 | 4 | 14 | 11 | 1 | 43 | 20 | 17 |
| 14 | 1 | 16 | 11 | 3 | 41 | 50 | 5 | 15 | 15 | 5 | 28 | 15 | 4 | 10 | 13 | 1 | 37 | 27 | 16 |
| 15 | 1 | 21 | 31 | 3 | 45 | 59 | 5 | 17 | 6 | 5 | 27 | 8 | 4 | 6 | 11 | 1 | 31 | 32 | 15 |
| 16 | 1 | 26 | 49 | 3 | 50 | 6 | 5 | 18 | 49 | 5 | 25 | 54 | 4 | 2 | 5 | 1 | 25 | 34 | 14 |
| 17 | 1 | 32 | 6 | 3 | 54 | 7 | 5 | 20 | 27 | 5 | 24 | 32 | 3 | 57 | 54 | 1 | 19 | 35 | 13 |
| 18 | 1 | 37 | 21 | 3 | 58 | 3 | 5 | 22 | 2 | 5 | 23 | 2 | 3 | 53 | 37 | 1 | 13 | 34 | 12 |
| 19 | 1 | 42 | 34 | 4 | 1 | 54 | 5 | 23 | 34 | 5 | 21 | 29 | 3 | 49 | 14 | 1 | 7 | 31 | 11 |
| 20 | 1 | 47 | 46 | 4 | 5 | 41 | 5 | 24 | 58 | 5 | 19 | 49 | 3 | 44 | 44 | 1 | 1 | 28 | 10 |
| 21 | 1 | 52 | 55 | 4 | 9 | 24 | 5 | 26 | 20 | 5 | 18 | 3 | 3 | 40 | 10 | 0 | 55 | 25 | 9 |
| 22 | 1 | 58 | 4 | 4 | 13 | 3 | 5 | 27 | 33 | 5 | 16 | 13 | 3 | 35 | 31 | 0 | 49 | 20 | 8 |
| 23 | 2 | 3 | 13 | 4 | 16 | 50 | 5 | 28 | 38 | 5 | 14 | 16 | 3 | 30 | 48 | 0 | 43 | 12 | 7 |
| 24 | 2 | 8 | 21 | 4 | 20 | 25 | 5 | 29 | 36 | 5 | 12 | 13 | 3 | 36 | 1 | 0 | 37 | 2 | 6 |
| 25 | 2 | 13 | 26 | 4 | 23 | 56 | 5 | 30 | 28 | 5 | 10 | 4 | 3 | 21 | 10 | 0 | 30 | 52 | 5 |
| 26 | 2 | 18 | 29 | 4 | 27 | 23 | 5 | 31 | 15 | 5 | 7 | 50 | 3 | 16 | 16 | 0 | 24 | 42 | 4 |
| 27 | 2 | 23 | 28 | 4 | 30 | 45 | 5 | 31 | 56 | 5 | 5 | 30 | 3 | 11 | 18 | 0 | 18 | 32 | 3 |
| 28 | 2 | 28 | 26 | 4 | 34 | 2 | 5 | 32 | 32 | 5 | 3 | 4 | 3 | 6 | 15 | 0 | 12 | 22 | 2 |
| 29 | 2 | 33 | 23 | 4 | 37 | 16 | 5 | 33 | 2 | 5 | 0 | 32 | 3 | 1 | 8 | 0 | 6 | 11 | 1 |
| 30 | 2 | 38 | 20 | 4 | 40 | 23 | 5 | 33 | 28 | 4 | 57 | 50 | 2 | 56 | 0 | 0 | 0 | 0 | 0 |
| G. | XI | | | X | | | IX | | | VIII | | | VII | | | VI | | | |

Signa Anomaliæ simplicis. ADDE.

*TAB. 70. Anomalia Æquata Iouis, respondens Anomaliæ simplici.*

| Anom. simpl. Gr. | O Sig. | O G. | O I | O II | I Sig. | I G. | I I | I II | II Sig. | II G. | II I | II II | III Sig. | III G. | III I | III II | IV Sig. | IV G. | IV I | IV II | V Sig. | V G. | V I | V II | Anom. simpl. G. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 0 | 0 | 0 | 0 | 0 | 28 | 36 | 31 | 1 | 27 | 35 | 21 | 2 | 27 | 13 | 0 | 3 | 27 | 35 | 21 | 4 | 28 | 36 | 31 | 30 |
| 1 | 0 | 0 | 57 | 5 | 0 | 29 | 34 | 0 | 1 | 28 | 33 | 56 | 2 | 28 | 13 | 1 | 3 | 28 | 36 | 49 | 4 | 29 | 39 | 2 | 29 |
| 2 | 0 | 1 | 54 | 10 | 1 | 0 | 31 | 31 | 1 | 29 | 32 | 33 | 2 | 29 | 13 | 6 | 3 | 29 | 38 | 21 | 5 | 0 | 41 | 38 | 28 |
| 3 | 0 | 2 | 51 | 16 | 1 | 1 | 29 | 3 | 2 | 0 | 31 | 12 | 3 | 0 | 13 | 13 | 4 | 0 | 39 | 55 | 5 | 1 | 44 | 13 | 27 |
| 4 | 0 | 3 | 48 | 21 | 1 | 2 | 26 | 37 | 2 | 1 | 29 | 54 | 3 | 1 | 13 | 24 | 4 | 1 | 41 | 32 | 5 | 2 | 46 | 50 | 26 |
| 5 | 0 | 4 | 45 | 27 | 1 | 3 | 24 | 13 | 2 | 2 | 28 | 39 | 3 | 2 | 13 | 38 | 4 | 2 | 43 | 12 | 5 | 3 | 49 | 28 | 25 |
| 6 | 0 | 5 | 42 | 33 | 1 | 4 | 21 | 51 | 2 | 3 | 27 | 26 | 3 | 3 | 13 | 55 | 4 | 3 | 44 | 54 | 5 | 4 | 52 | 7 | 24 |
| 7 | 0 | 6 | 39 | 39 | 1 | 5 | 19 | 30 | 2 | 4 | 26 | 17 | 3 | 4 | 14 | 15 | 4 | 4 | 46 | 38 | 5 | 5 | 54 | 48 | 23 |
| 8 | 0 | 7 | 36 | 45 | 1 | 6 | 17 | 11 | 2 | 5 | 25 | 11 | 3 | 5 | 14 | 38 | 4 | 5 | 48 | 25 | 5 | 6 | 57 | 30 | 22 |
| 9 | 0 | 8 | 33 | 53 | 1 | 7 | 14 | 54 | 2 | 6 | 24 | 6 | 3 | 6 | 15 | 4 | 4 | 6 | 50 | 14 | 5 | 8 | 0 | 13 | 21 |
| 10 | 0 | 9 | 31 | 1 | 1 | 8 | 12 | 40 | 2 | 7 | 23 | 5 | 3 | 7 | 15 | 33 | 4 | 7 | 52 | 6 | 5 | 9 | 2 | 58 | 20 |
| 11 | 0 | 10 | 28 | 10 | 1 | 9 | 10 | 28 | 2 | 8 | 22 | 7 | 3 | 8 | 16 | 3 | 4 | 8 | 54 | 0 | 5 | 10 | 5 | 43 | 19 |
| 12 | 0 | 11 | 25 | 19 | 1 | 10 | 8 | 17 | 2 | 9 | 21 | 11 | 3 | 9 | 16 | 39 | 4 | 9 | 55 | 56 | 5 | 11 | 8 | 29 | 18 |
| 13 | 0 | 12 | 22 | 29 | 1 | 11 | 6 | 7 | 2 | 10 | 20 | 19 | 3 | 10 | 17 | 17 | 4 | 10 | 57 | 54 | 5 | 12 | 11 | 15 | 17 |
| 14 | 0 | 13 | 19 | 40 | 1 | 12 | 4 | 1 | 2 | 11 | 19 | 30 | 3 | 11 | 17 | 58 | 4 | 11 | 59 | 54 | 5 | 13 | 14 | 2 | 16 |
| 15 | 0 | 14 | 16 | 50 | 1 | 13 | 1 | 56 | 2 | 12 | 18 | 42 | 3 | 12 | 18 | 42 | 4 | 12 | 1 | 56 | 5 | 14 | 16 | 50 | 15 |
| 16 | 0 | 15 | 14 | 2 | 1 | 13 | 59 | 54 | 2 | 13 | 17 | 58 | 3 | 13 | 19 | 30 | 4 | 13 | 4 | 1 | 5 | 15 | 19 | 40 | 14 |
| 17 | 0 | 16 | 11 | 15 | 1 | 14 | 57 | 54 | 2 | 14 | 17 | 17 | 3 | 14 | 20 | 19 | 4 | 14 | 6 | 7 | 5 | 16 | 22 | 29 | 13 |
| 18 | 0 | 17 | 8 | 29 | 1 | 15 | 55 | 56 | 2 | 15 | 16 | 39 | 3 | 15 | 21 | 11 | 4 | 15 | 8 | 17 | 5 | 17 | 25 | 19 | 12 |
| 19 | 0 | 18 | 5 | 43 | 1 | 16 | 54 | 0 | 2 | 16 | 16 | 3 | 3 | 16 | 22 | 7 | 4 | 16 | 10 | 28 | 5 | 18 | 28 | 10 | 11 |
| 20 | 0 | 19 | 2 | 58 | 1 | 17 | 52 | 6 | 2 | 17 | 15 | 33 | 3 | 17 | 23 | 5 | 4 | 17 | 12 | 40 | 5 | 19 | 31 | 1 | 10 |
| 21 | 0 | 20 | 0 | 13 | 1 | 18 | 50 | 14 | 2 | 18 | 15 | 4 | 3 | 18 | 24 | 6 | 4 | 18 | 14 | 54 | 5 | 20 | 33 | 53 | 9 |
| 22 | 0 | 20 | 57 | 30 | 1 | 19 | 48 | 25 | 2 | 19 | 14 | 38 | 3 | 19 | 25 | 11 | 4 | 19 | 17 | 11 | 5 | 21 | 36 | 45 | 8 |
| 23 | 0 | 21 | 54 | 48 | 1 | 20 | 46 | 38 | 2 | 20 | 14 | 15 | 3 | 20 | 26 | 17 | 4 | 20 | 19 | 30 | 5 | 22 | 39 | 39 | 7 |
| 24 | 0 | 22 | 52 | 7 | 1 | 21 | 44 | 54 | 2 | 21 | 13 | 55 | 3 | 21 | 27 | 26 | 4 | 21 | 21 | 51 | 5 | 23 | 42 | 33 | 6 |
| 25 | 0 | 23 | 49 | 28 | 1 | 22 | 43 | 12 | 2 | 22 | 13 | 38 | 3 | 22 | 28 | 39 | 4 | 22 | 24 | 13 | 5 | 24 | 45 | 27 | 5 |
| 26 | 0 | 24 | 46 | 50 | 1 | 23 | 41 | 32 | 2 | 23 | 13 | 24 | 3 | 23 | 29 | 54 | 4 | 23 | 26 | 37 | 5 | 25 | 48 | 21 | 4 |
| 27 | 0 | 25 | 44 | 13 | 1 | 24 | 39 | 55 | 2 | 24 | 13 | 13 | 3 | 24 | 31 | 12 | 4 | 24 | 29 | 3 | 5 | 26 | 51 | 16 | 3 |
| 28 | 0 | 26 | 41 | 38 | 1 | 25 | 38 | 21 | 2 | 25 | 13 | 6 | 3 | 25 | 32 | 33 | 4 | 26 | 31 | 31 | 5 | 27 | 54 | 10 | 2 |
| 29 | 0 | 27 | 39 | 2 | 1 | 26 | 36 | 49 | 2 | 26 | 13 | 1 | 3 | 26 | 33 | 56 | 4 | 27 | 34 | 0 | 5 | 28 | 57 | 0 | 1 |
| 30 | 0 | 28 | 36 | 31 | 1 | 27 | 35 | 21 | 2 | 27 | 13 | 0 | 3 | 27 | 35 | 21 | 4 | 28 | 36 | 31 | 5 | 30 | 0 | 0 | 0 |
| | XI | | | | X | | | | IX | | | | VIII | | | | VII | | | | VI | | | | |

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*TABVLA 71. Maximarum Aequationum, seu Parallaxium Orbis annui pro Iove.*

Signa, & quindeni Gradus Anomaliæ Solis Æquatæ.

| Signa | O | | | I | | II | | III | | IV | | V | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Gr. | 0 | 15 | 30 | 15 | 30 | 15 | 30 | 15 | 30 | 15 | 30 | 15 | 30 | Gr. |
| Sig. G. | G. ′ | G. ′ | G. ′ | G. ′ | G. ′ | G. ′ | G. ′ | G. ′ | G. ′ | G. ′ | G. ′ | G. ′ | G. ′ | G. Sig. |
| 0 0 | 10 43 | 10 42 | 10 41 | 10 40 | 10 37 | 10 34 | 10 31 | 10 29 | 10 25 | 10 23 | 10 21 | 10 20 | 10 20 | 0 12 |
| 3 | 43 | 42 | 41 | 40 | 37 | 34 | 31 | 29 | 25 | 23 | 21 | 20 | 20 | 27 |
| 6 | 43 | 42 | 41 | 40 | 37 | 34 | 31 | 29 | 25 | 23 | 21 | 20 | 20 | 24 |
| 9 | 43 | 42 | 41 | 40 | 37 | 34 | 32 | 29 | 26 | 24 | 21 | 21 | 20 | 21 |
| 12 | 43 | 42 | 42 | 40 | 37 | 34 | 32 | 29 | 26 | 24 | 22 | 21 | 20 | 18 |
| 15 | 10 44 | 10 43 | 10 42 | 10 40 | 10 38 | 10 35 | 10 32 | 10 30 | 10 26 | 10 24 | 10 22 | 10 21 | 10 21 | 15 11 |
| 0 18 | 10 44 | 10 44 | 10 42 | 10 41 | 10 38 | 10 36 | 10 33 | 10 30 | 10 27 | 10 25 | 10 23 | 10 22 | 10 21 | 12 |
| 21 | 45 | 44 | 43 | 42 | 39 | 36 | 33 | 31 | 27 | 25 | 23 | 22 | 22 | 9 |
| 24 | 45 | 45 | 44 | 42 | 39 | 37 | 34 | 31 | 28 | 26 | 24 | 23 | 22 | 6 |
| 27 | 46 | 45 | 44 | 43 | 40 | 37 | 34 | 32 | 29 | 27 | 24 | 23 | 23 | 3 |
| 30 | 10 47 | 10 46 | 10 45 | 10 44 | 10 41 | 10 38 | 10 35 | 10 33 | 10 29 | 10 27 | 10 25 | 10 24 | 10 23 | 0 11 |
| 1 3 | 10 47 | 10 47 | 10 46 | 10 44 | 10 42 | 10 39 | 10 36 | 10 34 | 10 30 | 10 28 | 10 26 | 10 25 | 10 24 | 27 |
| 6 | 48 | 48 | 47 | 45 | 43 | 40 | 37 | 34 | 31 | 29 | 27 | 26 | 25 | 24 |
| 9 | 49 | 49 | 48 | 46 | 44 | 41 | 38 | 35 | 32 | 30 | 28 | 27 | 26 | 21 |
| 12 | 50 | 50 | 49 | 47 | 45 | 42 | 39 | 36 | 33 | 31 | 29 | 28 | 27 | 18 |
| 15 | 10 51 | 10 51 | 10 50 | 10 48 | 10 46 | 10 43 | 10 40 | 10 37 | 10 34 | 10 32 | 10 30 | 10 29 | 10 28 | 15 10 |
| 1 18 | 10 53 | 10 52 | 10 51 | 10 50 | 10 47 | 10 44 | 10 41 | 10 38 | 10 35 | 10 33 | 10 31 | 10 30 | 10 29 | 12 |
| 21 | 54 | 53 | 52 | 51 | 48 | 46 | 42 | 39 | 36 | 34 | 32 | 31 | 30 | 9 |
| 24 | 55 | 55 | 54 | 52 | 49 | 47 | 43 | 41 | 37 | 36 | 33 | 32 | 31 | 6 |
| 27 | 56 | 56 | 55 | 53 | 51 | 48 | 45 | 42 | 39 | 37 | 34 | 34 | 33 | 3 |
| 30 | 10 58 | 10 58 | 10 56 | 10 55 | 10 52 | 10 50 | 10 46 | 10 43 | 10 40 | 10 38 | 10 36 | 10 35 | 10 34 | 0 10 |
| 2 3 | 10 59 | 10 59 | 10 58 | 10 56 | 10 53 | 10 51 | 10 48 | 10 45 | 10 42 | 10 40 | 10 37 | 10 36 | 10 36 | 27 |
| 6 | 11 1 | 11 0 | 59 | 58 | 55 | 53 | 49 | 47 | 43 | 41 | 39 | 38 | 37 | 24 |
| 9 | 2 | 2 | 11 1 | 59 | 56 | 54 | 51 | 48 | 45 | 43 | 40 | 39 | 39 | 21 |
| 12 | 4 | 4 | 1 | 11 1 | 58 | 56 | 52 | 50 | 46 | 44 | 42 | 41 | 40 | 18 |
| 15 | 11 6 | 11 5 | 11 4 | 11 2 | 11 0 | 10 57 | 10 54 | 10 51 | 10 48 | 10 46 | 10 43 | 10 42 | 10 42 | 15 9 |
| 2 18 | 11 7 | 11 7 | 11 6 | 11 4 | 11 1 | 10 59 | 10 55 | 10 53 | 10 49 | 10 47 | 10 45 | 10 44 | 10 44 | 12 |
| 21 | 9 | 9 | 7 | 6 | 3 | 11 1 | 57 | 54 | 51 | 49 | 47 | 46 | 45 | 9 |
| 24 | 10 | 10 | 9 | 7 | 5 | 2 | 10 59 | 56 | 53 | 51 | 48 | 47 | 47 | 6 |
| 27 | 12 | 12 | 11 | 9 | 6 | 4 | 11 0 | 10 58 | 54 | 52 | 50 | 49 | 48 | 3 |
| 30 | 11 14 | 11 13 | 11 12 | 11 11 | 11 8 | 11 6 | 11 2 | 11 0 | 10 56 | 10 54 | 10 52 | 10 51 | 10 50 | 0 9 |
| 3 3 | 11 16 | 11 15 | 11 14 | 11 12 | 11 10 | 11 7 | 11 4 | 11 1 | 10 58 | 10 56 | 10 53 | 10 52 | 10 52 | 27 |
| 6 | 17 | 17 | 16 | 14 | 11 | 9 | 5 | 3 | 10 59 | 57 | 55 | 54 | 53 | 24 |
| 9 | 19 | 19 | 17 | 16 | 13 | 11 | 7 | 5 | 11 1 | 59 | 57 | 56 | 55 | 21 |
| 12 | 21 | 20 | 19 | 18 | 15 | 12 | 9 | 6 | 3 | 11 1 | 10 58 | 57 | 57 | 18 |
| 15 | 11 22 | 11 22 | 11 21 | 11 19 | 11 16 | 11 14 | 11 10 | 11 8 | 11 4 | 11 2 | 11 0 | 10 59 | 10 58 | 15 8 |
| 3 18 | 11 24 | 11 24 | 11 23 | 11 21 | 11 18 | 11 16 | 11 12 | 11 10 | 11 6 | 11 4 | 11 2 | 11 1 | 11 0 | 12 |
| 21 | 26 | 26 | 24 | 23 | 20 | 17 | 14 | 11 | 8 | 6 | 3 | 2 | 2 | 9 |
| 24 | 28 | 27 | 26 | 24 | 21 | 19 | 15 | 13 | 9 | 7 | 5 | 4 | 3 | 6 |
| 27 | 29 | 29 | 28 | 26 | 23 | 21 | 17 | 15 | 11 | 9 | 7 | 5 | 5 | 3 |
| 30 | 11 31 | 11 30 | 11 29 | 11 28 | 11 25 | 11 22 | 11 19 | 11 16 | 11 12 | 11 10 | 11 8 | 11 7 | 11 6 | 0 8 |
| 4 3 | 11 32 | 11 32 | 11 31 | 11 29 | 11 26 | 11 24 | 11 20 | 11 18 | 11 14 | 11 12 | 11 10 | 11 8 | 11 8 | 27 |
| 6 | 34 | 33 | 32 | 31 | 28 | 25 | 22 | 19 | 15 | 13 | 11 | 10 | 9 | 24 |
| 9 | 35 | 35 | 34 | 32 | 29 | 27 | 23 | 21 | 17 | 15 | 12 | 11 | 11 | 21 |
| 12 | 37 | 36 | 35 | 33 | 31 | 28 | 24 | 22 | 18 | 16 | 14 | 13 | 12 | 18 |
| 15 | 11 38 | 11 38 | 11 36 | 11 35 | 11 32 | 11 30 | 11 26 | 11 23 | 11 20 | 11 17 | 11 15 | 11 14 | 11 13 | 15 7 |
| 4 18 | 11 39 | 11 39 | 11 38 | 11 36 | 11 33 | 11 31 | 11 27 | 11 24 | 11 21 | 11 19 | 11 16 | 11 15 | 11 15 | 12 |
| 21 | 40 | 40 | 39 | 37 | 34 | 32 | 28 | 26 | 22 | 20 | 18 | 16 | 16 | 9 |
| 24 | 42 | 41 | 40 | 38 | 35 | 33 | 29 | 27 | 23 | 21 | 19 | 18 | 17 | 6 |
| 27 | 43 | 42 | 41 | 39 | 36 | 34 | 30 | 28 | 24 | 22 | 20 | 19 | 18 | 3 |
| 30 | 11 44 | 11 43 | 11 42 | 11 40 | 11 37 | 11 35 | 11 31 | 11 29 | 11 25 | 11 23 | 11 21 | 11 20 | 11 19 | 0 7 |
| 5 6 | 11 45 | 11 45 | 11 44 | 11 42 | 11 39 | 11 37 | 11 33 | 11 31 | 11 27 | 11 25 | 11 22 | 11 21 | 11 21 | 24 |
| 12 | 47 | 46 | 45 | 44 | 41 | 38 | 34 | 32 | 28 | 26 | 24 | 23 | 22 | 18 |
| 18 | 48 | 47 | 46 | 45 | 42 | 39 | 35 | 33 | 29 | 27 | 24 | 24 | 23 | 12 |
| 24 | 48 | 48 | 47 | 45 | 42 | 40 | 36 | 34 | 30 | 28 | 25 | 24 | 24 | 6 |
| 30 | 11 49 | 11 48 | 11 47 | 11 45 | 11 42 | 11 40 | 11 36 | 11 34 | 11 30 | 11 28 | 11 25 | 11 24 | 11 24 | 0 6 |
| | 30 | 15 | 30 | 15 | 30 | 15 | 30 | 15 | 30 | 15 | 30 | 15 | 0 | |
| | XI | | X | | IX | | VIII | | VII | | VI | | | |

Signa, & quindeni Gradus Anomaliæ Solis Æquatæ.

Anomalia Æquata Iovis.

Anomalia Æquata Iovis.

## TABVLA 72. *Scrupulorum Proportionalium Latitudinis Iouis.*

Signa, & quindeni Gradus Anomaliæ Æquatæ Excentrici Iouis.

| Anom. Cómut. ♃ Sig. | G. | Signa O G. 0 / | O 15 G. / | O 30 G. / | I 15 G. / | I 30 G. / | II 15 G. / | II 30 G. / | III 15 G. / | III 30 G. / | IV 15 G. / | IV 30 G. / | V 15 G. / | V 30 G. / | Anom. Cómut. ♃ G. | Sig. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 0 | 40 16 | 40 16 | 40 14 | 40 12 | 40 9 | 40 5 | 40 1 | 39 56 | 39 51 | 39 47 | 39 44 | 39 41 | 39 40 | 0 | 12 |
| | 6 | 40 23 | 40 23 | 40 21 | 40 19 | 40 16 | 40 12 | 40 8 | 40 3 | 39 58 | 39 54 | 39 51 | 39 48 | 39 47 | 24 | |
| | 12 | 40 30 | 40 30 | 40 28 | 40 26 | 40 23 | 40 19 | 40 15 | 40 11 | 40 6 | 40 2 | 39 59 | 39 56 | 39 55 | 18 | |
| | 18 | 40 38 | 40 38 | 40 36 | 40 34 | 40 31 | 40 27 | 40 23 | 40 19 | 40 14 | 40 10 | 40 7 | 40 4 | 40 3 | 12 | |
| | 24 | 40 48 | 40 48 | 40 47 | 40 45 | 40 42 | 40 38 | 40 34 | 40 30 | 40 25 | 40 21 | 40 18 | 40 16 | 40 14 | 6 | |
| | 30 | 41 6 | 41 6 | 41 5 | 41 3 | 41 1 | 40 58 | 40 54 | 40 49 | 40 44 | 40 40 | 40 37 | 40 34 | 40 33 | 0 | 11 |
| 1 | 6 | 41 27 | 41 27 | 41 26 | 41 24 | 41 21 | 41 18 | 41 14 | 41 10 | 41 5 | 41 1 | 41 58 | 40 56 | 40 55 | 24 | |
| | 12 | 41 49 | 41 49 | 41 48 | 41 46 | 41 43 | 41 40 | 41 37 | 41 33 | 41 29 | 41 25 | 41 22 | 41 20 | 41 19 | 18 | |
| | 18 | 42 14 | 42 14 | 42 13 | 42 12 | 42 9 | 42 6 | 42 3 | 41 59 | 41 55 | 41 52 | 41 49 | 41 47 | 41 46 | 12 | |
| | 24 | 42 44 | 42 44 | 42 43 | 42 41 | 42 39 | 42 37 | 42 34 | 42 30 | 42 26 | 42 23 | 42 21 | 42 19 | 42 18 | 6 | |
| | 30 | 43 22 | 43 22 | 43 21 | 43 20 | 43 18 | 43 15 | 43 13 | 43 10 | 43 6 | 43 3 | 43 1 | 42 59 | 42 58 | 0 | 10 |
| 2 | 6 | 43 59 | 43 59 | 43 58 | 43 57 | 43 56 | 43 54 | 43 51 | 43 48 | 43 45 | 43 42 | 43 40 | 43 38 | 43 37 | 24 | |
| | 12 | 44 42 | 44 42 | 44 42 | 44 41 | 44 40 | 44 38 | 44 55 | 44 32 | 44 29 | 44 27 | 44 25 | 44 24 | 44 23 | 18 | |
| | 18 | 45 32 | 45 32 | 45 32 | 45 31 | 45 30 | 45 28 | 45 26 | 45 23 | 45 21 | 45 19 | 45 18 | 45 17 | 45 16 | 12 | |
| | 24 | 46 27 | 46 27 | 46 27 | 46 26 | 46 25 | 46 24 | 46 23 | 46 21 | 46 19 | 46 18 | 46 17 | 46 16 | 46 15 | 6 | |
| | 30 | 47 23 | 47 23 | 47 23 | 47 22 | 47 22 | 47 22 | 47 21 | 47 19 | 47 17 | 47 16 | 47 16 | 47 15 | 47 15 | 0 | 9 |
| 3 | 6 | 48 20 | 48 20 | 48 20 | 48 20 | 48 20 | 48 19 | 48 20 | 48 18 | 48 18 | 48 17 | 48 17 | 48 16 | 48 16 | 24 | |
| | 12 | 49 17 | 49 17 | 49 17 | 49 17 | 49 17 | 49 17 | 49 18 | 49 17 | 49 17 | 49 17 | 49 17 | 49 17 | 49 17 | 18 | |
| | 18 | 50 15 | 50 15 | 50 16 | 50 16 | 50 17 | 50 18 | 50 18 | 50 20 | 50 21 | 50 22 | 50 23 | 50 24 | 50 24 | 12 | |
| | 24 | 51 12 | 51 12 | 51 13 | 51 14 | 51 16 | 51 18 | 51 20 | 51 23 | 51 26 | 51 28 | 51 29 | 51 30 | 51 30 | 6 | |
| | 30 | 52 9 | 52 10 | 52 12 | 52 13 | 52 15 | 52 19 | 52 21 | 52 25 | 52 28 | 52 31 | 52 33 | 52 35 | 52 36 | 0 | 8 |
| 4 | 6 | 53 7 | 53 8 | 53 10 | 53 13 | 53 16 | 53 20 | 53 24 | 53 28 | 53 33 | 53 36 | 53 38 | 53 41 | 53 42 | 24 | |
| | 12 | 54 7 | 54 8 | 54 11 | 54 14 | 54 18 | 54 23 | 54 28 | 54 33 | 54 38 | 54 43 | 54 47 | 54 50 | 54 51 | 18 | |
| | 18 | 55 6 | 55 7 | 55 10 | 55 14 | 55 19 | 55 25 | 55 30 | 55 39 | 55 46 | 55 52 | 55 56 | 55 58 | 55 59 | 12 | |
| | 24 | 55 53 | 55 55 | 55 59 | 56 3 | 56 8 | 56 14 | 56 22 | 56 30 | 56 38 | 56 44 | 56 49 | 56 52 | 56 53 | 6 | |
| | 30 | 56 37 | 56 39 | 56 43 | 56 48 | 56 54 | 57 1 | 57 9 | 57 17 | 57 25 | 57 32 | 57 38 | 57 42 | 57 44 | 0 | 7 |
| 5 | 6 | 57 16 | 57 18 | 57 23 | 57 28 | 57 35 | 57 42 | 57 50 | 57 58 | 58 7 | 58 15 | 58 22 | 58 27 | 58 29 | 24 | |
| | 12 | 57 52 | 57 54 | 57 59 | 58 4 | 58 11 | 58 19 | 58 28 | 58 37 | 58 47 | 58 56 | 59 3 | 59 8 | 59 10 | 18 | |
| | 18 | 58 15 | 58 17 | 58 22 | 58 27 | 58 34 | 58 43 | 58 52 | 59 1 | 59 11 | 59 19 | 59 26 | 59 33 | 59 36 | 12 | |
| | 24 | 58 25 | 58 27 | 58 32 | 58 38 | 58 45 | 58 54 | 59 4 | 59 14 | 59 25 | 59 34 | 59 41 | 59 47 | 59 49 | 6 | |
| | 30 | 58 35 | 58 37 | 58 42 | 58 48 | 58 55 | 59 4 | 59 14 | 59 24 | 59 35 | 59 44 | 59 51 | 59 57 | 60 0 | 0 | 6 |
| | | 30 | 15 | 30 | 15 | 30 | 15 | 30 | 15 | 30 | 15 | 30 | 15 | 0 | | |
| | | XI | | X | | IX | | VIII | | VII | | | VI | | | |

Anomalia Æquata Computationis Iouis.

### *Residuum TAB. 72.*

| Anom. Cómut. ♃ Sig. | G. | Incremétum in ♂ / | Decremétum in ♀ / | Scrup. proport. incr. & decr. Gr. | / | Anom. æq. Có. ♃ G. | Sig. |
|---|---|---|---|---|---|---|---|
| 0 | 0 | 0 | 0 | 60 A. | 0 | 0 | 12 |
| | 6 | 0 | 0 | 59 | 6 | 24 | |
| | 12 | 0 | 0 | 58 | 11 | 18 | |
| | 18 | 0 | 1 | 57 | 9 | 12 | |
| | 24 | 1 | 1 | 55 | 44 | 6 | |
| | 30 | 1 | 2 | 53 | 9 | 0 | 11 |
| 1 | 6 | 1 | 2 | 50 | 34 | 24 | |
| | 12 | 2 | 3 | 47 | 35 | 18 | |
| | 18 | 2 | 5 | 44 | 13 | 12 | |
| | 24 | 2 | 6 | 40 | 13 | 6 | |
| | 30 | 3 | 7 | 35 | 10 | 0 | 10 |
| 2 | 6 | 3 | 8 | 30 | 16 | 24 | |
| | 12 | 4 | 9 | 24 | 34 | 18 | |
| | 18 | 5 | 11 | 17 | 58 | 12 | |
| | 24 | 5 | 12 | 10 | 36 | 6 | |
| | 30 | 6 | 13 | 3 | 6 | 0 | 9 |
| 3 | 6 | 7 | 14 | 2 B. | 58 | 24 | |
| | 12 | 7 | 15 | 8 | 1 | 18 | |
| | 18 | 8 | 17 | 13 | 25 | 12 | |
| | 24 | 8 | 18 | 18 | 47 | 6 | |
| | 30 | 9 | 19 | 24 | 7 | 9 | 8 |
| 4 | 6 | 10 | 20 | 29 | 31 | 24 | |
| | 12 | 10 | 21 | 35 | 6 | 18 | |
| | 18 | 11 | 22 | 40 | 40 | 12 | |
| | 24 | 11 | 23 | 45 | 1 | 6 | |
| | 30 | 12 | 24 | 49 | 7 | 0 | 7 |
| 5 | 6 | 12 | 25 | 52 | 41 | 24 | |
| | 12 | 13 | 25 | 56 | 0 | 18 | |
| | 18 | 13 | 26 | 58 | 5 | 12 | |
| | 24 | 13 | 26 | 59 | 16 | 6 | |
| | 30 | 13 | 26 | 60 | 0 | 0 | 6 |

## TAB. 73. *Latitudinis, Reductionis, & Curtationis Iouis.*

Signa Distantiæ Iouis à Nodo Boreali.

| Dist. Gr. | 0 Bor. 6 Austr. Latit. G. / | Red. // | Curt. // | 1 Bor. 7 Austr. Latit. G. / | Red. // | Curt. // | 2 Bor. 8 Austr. Latit. G. / | Red. // | Curt. // | Dist. Gr. |
|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 0 0 | 0 | 0 | 0 54 | 25 | 5 | 1 34 | 25 | 10 | 30 |
| 1 | 0 2 | 2 | 0 | 0 56 | 26 | 5 | 1 35 | 25 | 10 | 29 |
| 2 | 0 4 | 3 | 0 | 0 57 | 26 | 5 | 1 36 | 24 | 10 | 28 |
| 3 | 0 6 | 4 | 0 | 0 59 | 27 | 5 | 1 37 | 24 | 10 | 27 |
| 4 | 0 7 | 5 | 0 | 1 0 | 27 | 5 | 1 37 | 23 | 10 | 26 |
| 5 | 0 9 | 6 | 1 | 1 2 | 27 | 5 | 1 38 | 23 | 10 | 25 |
| 6 | 0 11 | 7 | 1 | 1 3 | 28 | 6 | 1 39 | 22 | 10 | 24 |
| 7 | 0 13 | 8 | 1 | 1 5 | 28 | 6 | 1 40 | 21 | 10 | 23 |
| 8 | 0 15 | 9 | 1 | 1 7 | 28 | 6 | 1 41 | 21 | 10 | 22 |
| 9 | 0 17 | 10 | 1 | 1 8 | 29 | 6 | 1 41 | 20 | 10 | 21 |
| 10 | 0 18 | 11 | 2 | 1 10 | 29 | 6 | 1 42 | 19 | 10 | 20 |
| 11 | 0 20 | 12 | 2 | 1 11 | 29 | 6 | 1 42 | 19 | 10 | 19 |
| 12 | 0 22 | 13 | 2 | 1 13 | 29 | 6 | 1 43 | 18 | 10 | 18 |
| 13 | 0 24 | 14 | 2 | 1 14 | 29 | 6 | 1 43 | 17 | 10 | 17 |
| 14 | 0 26 | 15 | 2 | 1 15 | 29 | 6 | 1 44 | 16 | 10 | 16 |
| 15 | 0 27 | 15 | 3 | 1 16 | 30 | 7 | 1 44 | 15 | 10 | 15 |
| 16 | 0 29 | 16 | 3 | 1 18 | 29 | 7 | 1 45 | 15 | 10 | 14 |
| 17 | 0 31 | 17 | 3 | 1 19 | 29 | 7 | 1 45 | 14 | 10 | 13 |
| 18 | 0 33 | 18 | 3 | 1 20 | 29 | 7 | 1 46 | 13 | 10 | 12 |
| 19 | 0 35 | 19 | 3 | 1 21 | 29 | 7 | 1 46 | 12 | 10 | 11 |
| 20 | 0 36 | 19 | 3 | 1 23 | 29 | 8 | 1 46 | 11 | 11 | 10 |
| 21 | 0 38 | 20 | 3 | 1 24 | 29 | 8 | 1 47 | 10 | 11 | 9 |
| 22 | 0 40 | 21 | 3 | 1 25 | 28 | 8 | 1 47 | 9 | 11 | 8 |
| 23 | 0 42 | 21 | 3 | 1 26 | 28 | 8 | 1 47 | 8 | 11 | 7 |
| 24 | 0 44 | 22 | 3 | 1 27 | 28 | 8 | 1 47 | 7 | 11 | 6 |
| 25 | 0 45 | 23 | 4 | 1 29 | 27 | 9 | 1 48 | 6 | 11 | 5 |
| 26 | 0 47 | 23 | 4 | 1 30 | 27 | 9 | 1 48 | 5 | 11 | 4 |
| 27 | 0 49 | 24 | 5 | 1 31 | 27 | 9 | 1 48 | 4 | 11 | 3 |
| 28 | 0 51 | 24 | 5 | 1 32 | 26 | 9 | 1 48 | 3 | 11 | 2 |
| 29 | 0 52 | 25 | 5 | 1 33 | 26 | 9 | 1 48 | 2 | 11 | 1 |
| 30 | 0 54 | 25 | 5 | 1 34 | 25 | 10 | 1 48 | 0 | 12 | 0 |
| | Sig. 5 Bor. 11 Austr. | | | 4 Bor. 10 Austr. | | | 3 Bor. 9 Austr. | | | |

MOTVS

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## TABVLA 74. MEDIORVM MOTVVM MARTIS ♂.

### EPOCHÆ, seu RADICES.

| Anni Cõpleti ante Christũ | Longit. ab ♈ Sig. | G. | I | II | Apogæi. Sig. | G. | I | II | Nodi Bor. Sig. | G. | I | II |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6000 | 10 | 0 | 32 | 40 | 11 | 12 | 50 | 10 | 10 | 3 | 45 | 38 |
| 5000 | 6 | 17 | 8 | 38 | 0 | 4 | 43 | 40 | 10 | 17 | 9 | 29 |
| 4000 | 3 | 3 | 44 | 39 | 0 | 26 | 37 | 12 | 11 | 0 | 33 | 21 |
| 3000 | 11 | 20 | 20 | 39 | 1 | 18 | 30 | 44 | 11 | 13 | 57 | 13 |
| 2000 | 8 | 6 | 56 | 39 | 2 | 10 | 24 | 16 | 11 | 27 | 21 | 5 |
| 1000 | 4 | 23 | 32 | 40 | 3 | 2 | 17 | 48 | 0 | 10 | 44 | 57 |
| 900 | 6 | 25 | 12 | 16 | 3 | 4 | 29 | 9 | 0 | 12 | 5 | 20 |
| 800 | 8 | 26 | 51 | 52 | 3 | 6 | 40 | 30 | 0 | 13 | 25 | 43 |
| 700 | 10 | 28 | 31 | 28 | 3 | 8 | 51 | 51 | 0 | 14 | 46 | 6 |
| 600 | 1 | 0 | 11 | 4 | 3 | 11 | 3 | 12 | 0 | 16 | 6 | 29 |
| 500 | 3 | 1 | 50 | 40 | 3 | 13 | 14 | 33 | 0 | 17 | 26 | 52 |
| 400 | 5 | 3 | 30 | 16 | 3 | 15 | 25 | 54 | 0 | 18 | 47 | 15 |
| 300 | 7 | 5 | 9 | 52 | 3 | 17 | 37 | 15 | 0 | 20 | 7 | 38 |
| 200 | 9 | 6 | 49 | 28 | 3 | 19 | 48 | 36 | 0 | 21 | 28 | 1 |
| 100 | 11 | 8 | 29 | 5 | 3 | 21 | 59 | 57 | 0 | 22 | 48 | 24 |
| Christi | 1 | 10 | 8 | 41 | 3 | 24 | 11 | 18 | 0 | 24 | 8 | 47 |
| 100 | 3 | 11 | 50 | 1 | 3 | 26 | 22 | 39 | 0 | 25 | 29 | 10 |
| 200 | 5 | 13 | 29 | 37 | 3 | 28 | 34 | 0 | 0 | 26 | 49 | 33 |
| 300 | 7 | 15 | 9 | 13 | 4 | 0 | 45 | 21 | 0 | 28 | 9 | 56 |
| 400 | 9 | 16 | 48 | 49 | 4 | 2 | 56 | 42 | 0 | 29 | 30 | 19 |
| 500 | 11 | 18 | 28 | 25 | 4 | 5 | 8 | 3 | 1 | 0 | 50 | 42 |
| 600 | 1 | 20 | 8 | 1 | 4 | 7 | 19 | 24 | 1 | 2 | 11 | 5 |
| 700 | 3 | 21 | 47 | 37 | 4 | 9 | 30 | 45 | 1 | 3 | 31 | 28 |
| 800 | 5 | 23 | 27 | 13 | 4 | 11 | 42 | 6 | 1 | 4 | 51 | 51 |
| 900 | 7 | 25 | 6 | 49 | 4 | 13 | 53 | 27 | 1 | 6 | 12 | 14 |
| 1000 | 9 | 26 | 46 | 25 | 4 | 16 | 4 | 48 | 1 | 7 | 32 | 37 |
| 1100 | 11 | 28 | 26 | 1 | 4 | 18 | 16 | 9 | 1 | 8 | 53 | 0 |
| 1200 | 2 | 0 | 5 | 37 | 4 | 20 | 27 | 30 | 1 | 10 | 13 | 23 |
| St. veteri. 1300 | 4 | 1 | 45 | 13 | 4 | 22 | 38 | 51 | 1 | 11 | 33 | 46 |
| 1400 | 6 | 3 | 24 | 49 | 4 | 24 | 50 | 12 | 1 | 12 | 54 | 9 |
| 1500 | 8 | 5 | 2 | 25 | 4 | 27 | 1 | 33 | 1 | 14 | 14 | 32 |
| 1600 | 10 | 6 | 42 | 1 | 4 | 29 | 12 | 54 | 1 | 15 | 34 | 55 |
| St. nouo. 1600 | 10 | 1 | 27 | 34 | 4 | 29 | 12 | 52 | 1 | 15 | 34 | 53 |
| 1700 | 0 | 2 | 36 | 43 | 5 | 1 | 24 | 13 | 1 | 16 | 55 | 16 |
| 1800 | 2 | 3 | 44 | 50 | 5 | 3 | 35 | 34 | 1 | 18 | 15 | 39 |
| 1900 | 4 | 4 | 52 | 58 | 5 | 5 | 46 | 55 | 1 | 19 | 36 | 2 |
| 2000 | 6 | 6 | 31 | 24 | 5 | 7 | 58 | 16 | 1 | 20 | 56 | 25 |
| 2100 | 8 | 7 | 40 | 33 | 5 | 10 | 9 | 37 | 1 | 22 | 16 | 48 |
| 2200 | 10 | 8 | 48 | 42 | 5 | 12 | 21 | 0 | 1 | 23 | 37 | 12 |
| 2300 | 0 | 9 | 56 | 51 | 5 | 14 | 32 | 21 | 1 | 24 | 57 | 35 |

### ANNI IVLIANI EXPANSI, & COLLECTI.

| Motus Anni | | Longit. ab ♈ Sig. | G. | I | II | Apogæi. I | II | Nodi Bor. I | II |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 6 | 11 | 17 | 8 | 1 | 19 | 0 | 48 |
| | 2 | 0 | 22 | 34 | 16 | 2 | 38 | 1 | 36 |
| | 3 | 7 | 3 | 51 | 24 | 3 | 56 | 2 | 25 |
| B. | 4 | 1 | 15 | 39 | 59 | 5 | 15 | 3 | 13 |
| | 5 | 7 | 26 | 57 | 6 | 6 | 34 | 4 | 1 |
| | 6 | 2 | 8 | 14 | 15 | 7 | 53 | 4 | 49 |
| | 7 | 8 | 19 | 31 | 22 | 9 | 11 | 5 | 37 |
| B. | 8 | 3 | 1 | 19 | 58 | 10 | 30 | 6 | 26 |
| | 9 | 9 | 12 | 37 | 6 | 11 | 50 | 7 | 14 |
| | 10 | 3 | 23 | 54 | 14 | 13 | 8 | 8 | 2 |
| | 11 | 10 | 5 | 11 | 22 | 14 | 26 | 8 | 50 |
| B. | 12 | 4 | 16 | 59 | 57 | 15 | 45 | 9 | 38 |
| | 13 | 10 | 28 | 17 | 5 | 17 | 4 | 10 | 27 |
| | 14 | 5 | 9 | 34 | 13 | 18 | 23 | 11 | 16 |
| | 15 | 11 | 20 | 51 | 21 | 19 | 41 | 12 | 4 |
| B. | 16 | 6 | 2 | 39 | 56 | 21 | 1 | 12 | 52 |
| | 17 | 0 | 13 | 57 | 4 | 22 | 20 | 13 | 40 |
| | 18 | 6 | 25 | 14 | 12 | 23 | 39 | 14 | 29 |
| | 19 | 1 | 6 | 31 | 20 | 24 | 57 | 15 | 17 |
| B. | 20 | 7 | 18 | 19 | 55 | 26 | 16 | 16 | 5 |

Radices affixæ sunt Meridiano Bononiensi, in meridie vltimo Decembris præcedentis. Anni Completi sunt numerando tam sursum ante, quam deorsum post Christum.

### ANNI IVLIANI COLLECTI.

| Motus Anni | Long. ab ♈ Sig. | G. | I | II | Apogei. Sig. | G. | I | II | Nodi Bor. Sig. | G. | I | II |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 40 | 3 | 6 | 39 | 50 | 0 | 0 | 52 | 32 | 0 | 0 | 32 | 9 |
| 60 | 10 | 24 | 59 | 46 | 0 | 1 | 18 | 49 | 0 | 0 | 48 | 14 |
| 80 | 6 | 13 | 19 | 40 | 0 | 1 | 45 | 5 | 0 | 1 | 4 | 19 |
| 100 | 2 | 1 | 39 | 36 | 0 | 2 | 11 | 21 | 0 | 1 | 20 | 23 |
| 200 | 4 | 3 | 19 | 12 | 0 | 4 | 22 | 42 | 0 | 2 | 40 | 46 |
| 300 | 6 | 4 | 58 | 48 | 0 | 6 | 34 | 4 | 0 | 4 | 1 | 10 |
| 400 | 8 | 6 | 38 | 24 | 0 | 8 | 45 | 25 | 0 | 5 | 21 | 33 |
| 500 | 10 | 8 | 18 | 0 | 0 | 10 | 56 | 46 | 0 | 6 | 41 | 56 |
| 600 | 0 | 9 | 57 | 36 | 0 | 13 | 8 | 7 | 0 | 8 | 2 | 19 |
| 700 | 2 | 11 | 37 | 12 | 0 | 15 | 19 | 28 | 0 | 9 | 22 | 42 |
| 800 | 4 | 13 | 16 | 48 | 0 | 17 | 30 | 49 | 0 | 10 | 43 | 5 |
| 900 | 6 | 14 | 56 | 24 | 0 | 19 | 42 | 11 | 0 | 12 | 3 | 29 |
| 1000 | 8 | 16 | 36 | 0 | 0 | 21 | 53 | 32 | 0 | 13 | 23 | 52 |
| 2000 | 5 | 3 | 12 | 1 | 1 | 13 | 47 | 4 | 0 | 26 | 47 | 43 |
| 3000 | 1 | 19 | 48 | 1 | 2 | 5 | 40 | 35 | 1 | 10 | 11 | 35 |
| 4000 | 10 | 6 | 24 | 2 | 2 | 27 | 34 | 8 | 1 | 23 | 35 | 26 |
| 5000 | 6 | 23 | 0 | 2 | 3 | 19 | 27 | 39 | 2 | 6 | 59 | 18 |
| 6000 | 3 | 9 | 36 | 3 | 4 | 11 | 21 | 10 | 2 | 20 | 23 | 10 |

### MENSES ANNI

| Mot. Mens. | Communis. Long. ab ♈ Sig. | G. | I | II | Bissextilis. Long. ab ♈ Sig. | Gr. | I | II | Apog. I | II | Nodi. II |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ianuar. | 0 | 16 | 14 | 46 | 0 | 16 | 14 | 46 | 0 | 7 | 4 |
| Febr. | 1 | 0 | 55 | 13 | 1 | 1 | 26 | 40 | 0 | 13 | 8 |
| Martij | 1 | 17 | 9 | 59 | 1 | 17 | 41 | 26 | 0 | 20 | 12 |
| Aprilis | 2 | 2 | 53 | 18 | 2 | 3 | 24 | 45 | 0 | 26 | 16 |
| Maij | 2 | 19 | 8 | 5 | 2 | 19 | 39 | 32 | 0 | 33 | 20 |
| Iunij | 3 | 4 | 51 | 24 | 3 | 5 | 22 | 51 | 0 | 39 | 24 |
| Iulij | 3 | 21 | 6 | 11 | 3 | 21 | 37 | 38 | 0 | 45 | 28 |
| Augusti | 4 | 7 | 20 | 57 | 4 | 7 | 52 | 4 | 0 | 52 | 32 |
| Septẽb. | 4 | 23 | 4 | 16 | 4 | 23 | 35 | 43 | 0 | 59 | 36 |
| Octob. | 5 | 9 | 19 | 3 | 5 | 9 | 50 | 30 | 1 | 7 | 40 |
| Nouẽb. | 5 | 25 | 2 | 22 | 5 | 25 | 33 | 49 | 1 | 13 | 44 |
| Decẽb. | 6 | 11 | 17 | 8 | 6 | 11 | 48 | 35 | 1 | 20 | 48 |

### DIES.

| Mot. Dies | Long. ab ♈ G. | I | II | Apog. II |
|---|---|---|---|---|
| 1 | 0 | 31 | 27 | 0 |
| 2 | 1 | 2 | 53 | 0 |
| 3 | 1 | 34 | 20 | 0 |
| 4 | 2 | 5 | 46 | 1 |
| 5 | 2 | 37 | 16 | 1 |
| 6 | 3 | 8 | 40 | 1 |
| 7 | 3 | 40 | 6 | 1 |
| 8 | 4 | 11 | 33 | 2 |
| 9 | 4 | 43 | 0 | 2 |
| 10 | 5 | 14 | 27 | 2 |
| 11 | 5 | 45 | 53 | 2 |
| 12 | 6 | 17 | 20 | 3 |
| 13 | 6 | 48 | 46 | 3 |
| 14 | 7 | 20 | 13 | 3 |
| 15 | 7 | 51 | 40 | 3 |
| 16 | 8 | 23 | 6 | 4 |
| 17 | 8 | 54 | 3 | 4 |
| 18 | 9 | 26 | 0 | 4 |
| 19 | 9 | 57 | 27 | 4 |
| 20 | 10 | 28 | 53 | 5 |
| 21 | 11 | 0 | 20 | 5 |
| 22 | 11 | 31 | 46 | 5 |
| 23 | 12 | 3 | 13 | 5 |
| 24 | 12 | 34 | 40 | 6 |
| 25 | 13 | 6 | 6 | 6 |
| 26 | 13 | 37 | 33 | 6 |
| 27 | 14 | 9 | 0 | 6 |
| 28 | 14 | 40 | 27 | 7 |
| 29 | 15 | 11 | 5 | 7 |
| 30 | 15 | 43 | 20 | 7 |
| 31 | 16 | 14 | 46 | 7 |
| 32 | 16 | 46 | 23 | 8 |

### HORÆ.

| Horæ | Long. ab ♈ I | II |
|---|---|---|
| 1 | 1 | 19 |
| 2 | 2 | 37 |
| 3 | 3 | 56 |
| 4 | 5 | 14 |
| 5 | 6 | 31 |
| 6 | 7 | 52 |
| 7 | 9 | 10 |
| 8 | 10 | 29 |
| 9 | 11 | 48 |
| 10 | 13 | 6 |
| 11 | 14 | 25 |
| 12 | 15 | 43 |
| 13 | 17 | 2 |
| 14 | 18 | 21 |
| 15 | 19 | 39 |
| 16 | 20 | 58 |
| 17 | 22 | 16 |
| 18 | 23 | 35 |
| 19 | 24 | 54 |
| 20 | 26 | 12 |
| 21 | 27 | 31 |
| 22 | 28 | 49 |
| 23 | 30 | 8 |
| 24 | 31 | 27 |
| 25 | 32 | 45 |
| 26 | 34 | 4 |
| 27 | 35 | 22 |
| 28 | 36 | 41 |
| 29 | 38 | 0 |
| 30 | 39 | 18 |
| 40 | 52 | 24 |
| 60 | 78 | 36 |

ÆQVA-

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*TABVLA 75. Æquatio Prima Inæqualitatis Martis.*

| Anom. simpl. | Anomaliæ simplicis, seu Mediæ Signa. | | | | | | | | | | | | | | | | | | | | | Anom. simpl. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | O Subtr. | | | I Subtr. | | | II Subtr. | | | III Subtr. | | | IV Subtr. | | | V Subtr. | | | | | |
| Gr. | G. | I | II | G. | I | II | G. | I | II | G. | I | II | G. | I | II | G. | I | II | | | | Gr. |
| 0 | 0 | 0 | 0 | 4 | 48 | 59 | 8 | 39 | 20 | 10 | 33 | 22 | 9 | 42 | 35 | 5 | 53 | 16 | | | | 30 |
| 1 | 0 | 9 | 57 | 4 | 57 | 56 | 8 | 45 | 19 | 10 | 34 | 33 | 9 | 37 | 45 | 5 | 42 | 54 | | | | 29 |
| 2 | 0 | 19 | 54 | 5 | 6 | 50 | 8 | 51 | 11 | 10 | 35 | 32 | 9 | 32 | 42 | 5 | 32 | 25 | | | | 28 |
| 3 | 0 | 29 | 51 | 5 | 15 | 40 | 8 | 56 | 55 | 10 | 36 | 20 | 9 | 27 | 27 | 5 | 21 | 49 | | | | 27 |
| 4 | 0 | 39 | 48 | 5 | 24 | 45 | 9 | 2 | 31 | 10 | 36 | 57 | 9 | 22 | 0 | 5 | 11 | 44 | | | | 26 |
| 5 | 0 | 49 | 45 | 5 | 33 | 6 | 9 | 7 | 59 | 10 | 37 | 21 | 9 | 16 | 20 | 5 | 0 | 12 | | | | 25 |
| 6 | 0 | 59 | 41 | 5 | 41 | 43 | 9 | 13 | 18 | 10 | 37 | 33 | 9 | 10 | 28 | 4 | 49 | 13 | | | | 24 |
| 7 | 1 | 9 | 37 | 5 | 50 | 15 | 9 | 18 | 27 | 10 | 37 | 33 | 9 | 4 | 23 | 4 | 38 | 6 | | | | 23 |
| 8 | 1 | 19 | 31 | 5 | 58 | 42 | 9 | 23 | 26 | 10 | 37 | 32 | 8 | 58 | 6 | 4 | 26 | 54 | | | | 22 |
| 9 | 1 | 29 | 24 | 6 | 7 | 3 | 9 | 28 | 19 | 10 | 36 | 59 | 8 | 51 | 37 | 4 | 15 | 35 | | | | 21 |
| 10 | 1 | 39 | 16 | 6 | 15 | 19 | 9 | 33 | 3 | 10 | 36 | 25 | 8 | 44 | 58 | 4 | 4 | 10 | | | | 20 |
| 11 | 1 | 49 | 7 | 6 | 23 | 29 | 9 | 37 | 37 | 10 | 35 | 34 | 8 | 38 | 6 | 3 | 52 | 37 | | | | 19 |
| 12 | 1 | 58 | 56 | 6 | 31 | 35 | 9 | 42 | 2 | 10 | 34 | 41 | 8 | 31 | 3 | 3 | 40 | 57 | | | | 18 |
| 13 | 2 | 8 | 44 | 6 | 39 | 34 | 9 | 46 | 19 | 10 | 33 | 32 | 8 | 23 | 49 | 3 | 29 | 13 | | | | 17 |
| 14 | 2 | 18 | 29 | 6 | 47 | 37 | 9 | 50 | 26 | 10 | 32 | 12 | 8 | 16 | 22 | 3 | 17 | 23 | | | | 16 |
| 15 | 2 | 28 | 12 | 6 | 55 | 22 | 9 | 54 | 23 | 10 | 30 | 39 | 8 | 8 | 44 | 3 | 5 | 27 | | | | 15 |
| 16 | 2 | 37 | 53 | 7 | 3 | 0 | 9 | 58 | 11 | 10 | 28 | 56 | 8 | 0 | 56 | 2 | 53 | 28 | | | | 14 |
| 17 | 2 | 47 | 33 | 7 | 10 | 32 | 10 | 1 | 49 | 10 | 27 | 0 | 7 | 52 | 56 | 2 | 41 | 25 | | | | 13 |
| 18 | 2 | 57 | 11 | 7 | 17 | 59 | 10 | 5 | 16 | 10 | 24 | 49 | 7 | 44 | 46 | 2 | 29 | 17 | | | | 12 |
| 19 | 3 | 6 | 46 | 7 | 25 | 22 | 10 | 8 | 33 | 10 | 22 | 26 | 7 | 36 | 24 | 2 | 17 | 4 | | | | 11 |
| 20 | 3 | 16 | 18 | 7 | 32 | 40 | 10 | 11 | 41 | 10 | 19 | 50 | 7 | 27 | 52 | 2 | 4 | 48 | | | | 10 |
| 21 | 3 | 25 | 48 | 7 | 39 | 52 | 10 | 14 | 39 | 10 | 17 | 1 | 7 | 19 | 8 | 1 | 52 | 30 | | | | 9 |
| 22 | 3 | 35 | 16 | 7 | 46 | 57 | 10 | 17 | 27 | 10 | 14 | 2 | 7 | 10 | 16 | 1 | 40 | 7 | | | | 8 |
| 23 | 3 | 44 | 42 | 7 | 53 | 55 | 10 | 20 | 3 | 10 | 10 | 50 | 7 | 1 | 13 | 1 | 27 | 41 | | | | 7 |
| 24 | 3 | 54 | 4 | 8 | 0 | 46 | 10 | 22 | 29 | 10 | 7 | 26 | 6 | 52 | 0 | 1 | 15 | 13 | | | | 6 |
| 25 | 4 | 3 | 21 | 8 | 7 | 31 | 10 | 24 | 44 | 10 | 4 | 48 | 6 | 42 | 36 | 1 | 2 | 43 | | | | 5 |
| 26 | 4 | 12 | 35 | 8 | 14 | 9 | 10 | 26 | 50 | 9 | 59 | 57 | 6 | 33 | 4 | 0 | 50 | 12 | | | | 4 |
| 27 | 4 | 21 | 46 | 8 | 20 | 38 | 10 | 28 | 44 | 9 | 55 | 56 | 6 | 23 | 22 | 0 | 37 | 40 | | | | 3 |
| 28 | 4 | 30 | 54 | 8 | 26 | 59 | 10 | 30 | 27 | 9 | 51 | 41 | 6 | 13 | 29 | 0 | 25 | 8 | | | | 2 |
| 29 | 4 | 39 | 58 | 8 | 33 | 13 | 10 | 32 | 0 | 9 | 47 | 15 | 6 | 3 | 27 | 0 | 12 | 35 | | | | 1 |
| 30 | 4 | 48 | 59 | 8 | 39 | 20 | 10 | 33 | 22 | 9 | 42 | 35 | 5 | 53 | 16 | 0 | 0 | 0 | | | | 0 |
| G. | Adde XI | | | Adde X | | | Adde IX | | | Adde VIII | | | Adde VII | | | Adde VI | | | | | | G. |

Anomaliæ simplicis, seu Mediæ Signa.

*TAB. 76. Anomalia Æquata Martis, respondens Anomaliæ simplici.*

| Anom. simpl. | Anomaliæ simplicis, seu Mediæ Signa. | | | | | | | | | | | | | | | | | | | | | | | | Anom. simpl. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | O | | | | I | | | | II | | | | III | | | | IV | | | | V | | | | |
| Gr. | Sig. | G. | I | II | Sig. | G. | I | II | Sig. | G. | I | II | Sig. | G. | I | II | Sig. | G. | I | II | Sig. | G. | I | II | G. |
| 0 | 0 | 0 | 0 | 0 | 0 | 27 | 20 | 54 | 1 | 25 | 24 | 28 | 2 | 24 | 41 | 56 | 3 | 25 | 24 | 28 | 4 | 27 | 20 | 54 | 30 |
| 1 | 0 | 0 | 54 | 26 | 0 | 28 | 16 | 7 | 1 | 26 | 21 | 45 | 2 | 25 | 41 | 58 | 3 | 26 | 27 | 17 | 4 | 28 | 25 | 45 | 29 |
| 2 | 0 | 1 | 48 | 53 | 0 | 29 | 11 | 21 | 1 | 27 | 19 | 6 | 2 | 26 | 42 | 7 | 3 | 27 | 30 | 11 | 4 | 29 | 30 | 39 | 28 |
| 3 | 0 | 2 | 43 | 21 | 1 | 0 | 6 | 38 | 1 | 28 | 16 | 32 | 2 | 27 | 42 | 22 | 3 | 28 | 33 | 11 | 5 | 0 | 35 | 34 | 27 |
| 4 | 0 | 3 | 37 | 48 | 1 | 1 | 2 | 0 | 1 | 29 | 14 | 4 | 2 | 28 | 42 | 42 | 3 | 29 | 36 | 15 | 5 | 1 | 40 | 33 | 26 |
| 5 | 0 | 4 | 32 | 15 | 1 | 1 | 57 | 24 | 2 | 0 | 11 | 41 | 2 | 29 | 43 | 8 | 4 | 0 | 39 | 24 | 5 | 2 | 45 | 34 | 25 |
| 6 | 0 | 5 | 26 | 43 | 1 | 2 | 52 | 52 | 2 | 1 | 9 | 22 | 3 | 0 | 43 | 39 | 4 | 1 | 42 | 36 | 5 | 3 | 50 | 36 | 24 |
| 7 | 0 | 6 | 21 | 12 | 1 | 3 | 48 | 24 | 2 | 2 | 7 | 9 | 3 | 1 | 44 | 17 | 4 | 2 | 45 | 54 | 5 | 4 | 55 | 41 | 23 |
| 8 | 0 | 7 | 15 | 41 | 1 | 4 | 44 | 1 | 2 | 3 | 5 | 2 | 3 | 2 | 45 | 0 | 4 | 3 | 49 | 17 | 5 | 6 | 0 | 48 | 22 |
| 9 | 0 | 8 | 10 | 11 | 1 | 5 | 39 | 40 | 2 | 4 | 3 | 0 | 3 | 3 | 45 | 49 | 4 | 4 | 52 | 45 | 5 | 7 | 5 | 58 | 21 |
| 10 | 0 | 9 | 4 | 42 | 1 | 6 | 35 | 23 | 2 | 5 | 1 | 4 | 3 | 4 | 46 | 44 | 4 | 5 | 56 | 18 | 5 | 8 | 11 | 7 | 20 |
| 11 | 0 | 9 | 59 | 15 | 1 | 7 | 31 | 11 | 2 | 5 | 59 | 12 | 3 | 5 | 47 | 44 | 4 | 6 | 59 | 54 | 5 | 9 | 16 | 23 | 19 |
| 12 | 0 | 10 | 53 | 48 | 1 | 8 | 27 | 2 | 2 | 6 | 57 | 26 | 3 | 6 | 48 | 50 | 4 | 8 | 3 | 35 | 5 | 10 | 21 | 39 | 18 |
| 13 | 0 | 11 | 48 | 23 | 1 | 9 | 22 | 58 | 2 | 7 | 55 | 46 | 3 | 7 | 50 | 2 | 4 | 9 | 7 | 19 | 5 | 11 | 26 | 56 | 17 |
| 14 | 0 | 12 | 43 | 0 | 1 | 10 | 18 | 57 | 2 | 8 | 54 | 12 | 3 | 8 | 51 | 19 | 4 | 10 | 11 | 8 | 5 | 12 | 32 | 16 | 16 |
| 15 | 0 | 13 | 37 | 37 | 1 | 11 | 15 | 1 | 2 | 9 | 52 | 43 | 3 | 9 | 52 | 43 | 4 | 11 | 15 | 1 | 5 | 13 | 37 | 37 | 15 |
| 16 | 0 | 14 | 32 | 16 | 1 | 12 | 11 | 8 | 2 | 10 | 51 | 19 | 3 | 10 | 54 | 12 | 4 | 12 | 18 | 57 | 5 | 14 | 43 | 0 | 14 |
| 17 | 0 | 15 | 26 | 56 | 1 | 13 | 7 | 19 | 2 | 11 | 50 | 2 | 3 | 11 | 55 | 46 | 4 | 13 | 22 | 58 | 5 | 15 | 48 | 23 | 13 |
| 18 | 0 | 16 | 21 | 39 | 1 | 14 | 3 | 55 | 2 | 12 | 48 | 50 | 3 | 12 | 57 | 26 | 4 | 14 | 27 | 2 | 5 | 16 | 53 | 48 | 12 |
| 19 | 0 | 17 | 16 | 23 | 1 | 14 | 59 | 54 | 2 | 13 | 47 | 44 | 3 | 13 | 59 | 12 | 4 | 15 | 31 | 11 | 5 | 17 | 59 | 15 | 11 |
| 20 | 0 | 18 | 11 | 7 | 1 | 15 | 56 | 18 | 2 | 14 | 46 | 44 | 3 | 15 | 1 | 4 | 4 | 16 | 35 | 23 | 5 | 19 | 4 | 42 | 10 |
| 21 | 0 | 19 | 5 | 58 | 1 | 16 | 52 | 45 | 2 | 15 | 45 | 49 | 3 | 16 | 3 | 0 | 4 | 17 | 39 | 40 | 5 | 20 | 10 | 11 | 9 |
| 22 | 0 | 20 | 0 | 48 | 1 | 17 | 49 | 17 | 2 | 16 | 45 | 0 | 3 | 17 | 5 | 2 | 4 | 18 | 44 | 1 | 5 | 21 | 15 | 41 | 8 |
| 23 | 0 | 20 | 55 | 41 | 1 | 18 | 45 | 54 | 2 | 17 | 44 | 17 | 3 | 18 | 7 | 9 | 4 | 19 | 48 | 24 | 5 | 22 | 21 | 12 | 7 |
| 24 | 0 | 21 | 50 | 36 | 1 | 19 | 42 | 36 | 2 | 18 | 43 | 39 | 3 | 19 | 9 | 22 | 4 | 20 | 52 | 52 | 5 | 23 | 26 | 43 | 6 |
| 25 | 0 | 22 | 45 | 34 | 1 | 20 | 39 | 24 | 2 | 19 | 43 | 8 | 3 | 20 | 11 | 41 | 4 | 21 | 57 | 24 | 5 | 24 | 32 | 15 | 5 |
| 26 | 0 | 23 | 40 | 33 | 1 | 21 | 36 | 15 | 2 | 20 | 42 | 42 | 3 | 21 | 14 | 4 | 4 | 23 | 2 | 0 | 5 | 25 | 47 | 48 | 4 |
| 27 | 0 | 24 | 35 | 34 | 1 | 22 | 33 | 11 | 2 | 21 | 42 | 22 | 3 | 22 | 16 | 32 | 4 | 24 | 6 | 38 | 5 | 26 | 43 | 21 | 3 |
| 28 | 0 | 25 | 30 | 39 | 1 | 23 | 30 | 11 | 2 | 22 | 42 | 7 | 3 | 23 | 19 | 6 | 4 | 25 | 11 | 21 | 5 | 27 | 48 | 53 | 2 |
| 29 | 0 | 26 | 25 | 45 | 1 | 24 | 27 | 17 | 2 | 23 | 41 | 58 | 3 | 24 | 21 | 45 | 4 | 26 | 16 | 7 | 5 | 28 | 54 | 26 | 1 |
| 30 | 0 | 27 | 20 | 54 | 1 | 25 | 24 | 28 | 2 | 24 | 41 | 56 | 3 | 25 | 24 | 28 | 4 | 27 | 20 | 54 | 6 | 0 | 0 | 0 | 0 |
| | XI | | | | X | | | | IX | | | | VIII | | | | VII | | | | VI | | | | G. |

Anomaliæ simplicis Signa.

*TABVLA 77. Maximarum Æquationum, seu Parallaxium Orbis Annui pro Marte.*

Signa Anomaliæ Solis Æquatæ Completa.

| | | O | | I | | II | | III | | IV | | V | | VI | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sig. | G. | G. | ′ | G. | ′ | G. | ′ | G. | ′ | G. | ′ | G. | ′ | G. | ′ | G. | Sig. |
| 0 | 0 | 37 | 42 | 37 | 36 | 37 | 19 | 36 | 56 | 36 | 33 | 36 | 16 | 36 | 10 | 0 | 12 |
| | 6 | 37 | 43 | 37 | 37 | 37 | 20 | 36 | 57 | 36 | 34 | 36 | 17 | 36 | 11 | 24 | |
| | 12 | 37 | 47 | 37 | 41 | 37 | 24 | 37 | 1 | 36 | 38 | 36 | 21 | 36 | 15 | 18 | |
| | 18 | 37 | 53 | 37 | 47 | 37 | 30 | 37 | 7 | 36 | 44 | 36 | 27 | 36 | 20 | 12 | |
| | 24 | 38 | 2 | 37 | 56 | 37 | 38 | 37 | 15 | 36 | 52 | 36 | 35 | 36 | 29 | 6 | |
| | 30 | 38 | 13 | 38 | 6 | 37 | 49 | 37 | 26 | 37 | 2 | 36 | 45 | 36 | 39 | 0 | 11 |
| 1 | 3 | 38 | 19 | 38 | 13 | 37 | 55 | 37 | 32 | 37 | 8 | 36 | 51 | 36 | 45 | 27 | |
| | 6 | 38 | 26 | 38 | 20 | 38 | 2 | 37 | 39 | 37 | 15 | 36 | 58 | 36 | 52 | 24 | |
| | 9 | 38 | 34 | 38 | 27 | 38 | 10 | 37 | 46 | 37 | 22 | 37 | 5 | 36 | 59 | 21 | |
| | 12 | 38 | 42 | 38 | 35 | 38 | 18 | 37 | 54 | 37 | 30 | 37 | 13 | 37 | 6 | 18 | |
| | 15 | 38 | 50 | 38 | 45 | 38 | 26 | 38 | 2 | 37 | 38 | 37 | 21 | 37 | 14 | 15 | 10 |
| 1 | 18 | 39 | 0 | 38 | 53 | 38 | 35 | 38 | 11 | 37 | 47 | 37 | 30 | 37 | 23 | 12 | |
| | 21 | 39 | 9 | 39 | 3 | 38 | 45 | 38 | 20 | 37 | 50 | 37 | 39 | 37 | 32 | 9 | |
| | 24 | 39 | 19 | 39 | 13 | 38 | 54 | 38 | 30 | 38 | 6 | 37 | 48 | 37 | 42 | 6 | |
| | 27 | 39 | 30 | 39 | 23 | 39 | 5 | 38 | 40 | 38 | 16 | 37 | 58 | 37 | 52 | 3 | |
| | 30 | 39 | 41 | 39 | 34 | 39 | 16 | 38 | 50 | 38 | 27 | 38 | 9 | 38 | 3 | 0 | 10 |
| 2 | 2 | 39 | 49 | 39 | 42 | 39 | 24 | 38 | 59 | 38 | 34 | 38 | 16 | 38 | 10 | 28 | |
| | 4 | 39 | 57 | 39 | 50 | 39 | 32 | 39 | 7 | 38 | 42 | 38 | 24 | 38 | 17 | 26 | |
| | 6 | 40 | 5 | 39 | 58 | 39 | 40 | 39 | 15 | 38 | 50 | 38 | 31 | 38 | 25 | 24 | |
| | 8 | 40 | 13 | 40 | 6 | 39 | 48 | 39 | 23 | 38 | 58 | 38 | 39 | 38 | 33 | 22 | |
| | 10 | 40 | 21 | 40 | 14 | 39 | 56 | 39 | 31 | 39 | 6 | 38 | 47 | 38 | 41 | 20 | 9 |
| 2 | 12 | 40 | 30 | 40 | 23 | 40 | 5 | 39 | 39 | 39 | 14 | 38 | 56 | 38 | 49 | 18 | |
| | 14 | 40 | 39 | 40 | 32 | 40 | 13 | 39 | 48 | 39 | 22 | 39 | 4 | 38 | 57 | 16 | |
| | 16 | 40 | 48 | 40 | 41 | 40 | 22 | 39 | 57 | 39 | 31 | 39 | 13 | 39 | 6 | 14 | |
| | 18 | 40 | 57 | 40 | 50 | 40 | 31 | 40 | 5 | 39 | 40 | 39 | 21 | 39 | 14 | 12 | |
| | 20 | 41 | 7 | 40 | 59 | 40 | 40 | 40 | 14 | 39 | 49 | 39 | 30 | 39 | 23 | 10 | 9 |
| 2 | 22 | 41 | 16 | 41 | 8 | 40 | 49 | 40 | 23 | 39 | 58 | 39 | 39 | 39 | 32 | 8 | |
| | 24 | 41 | 25 | 41 | 18 | 40 | 59 | 40 | 33 | 40 | 7 | 39 | 48 | 39 | 41 | 6 | |
| | 26 | 41 | 35 | 41 | 27 | 41 | 8 | 40 | 42 | 40 | 16 | 39 | 57 | 39 | 50 | 4 | |
| | 28 | 41 | 45 | 41 | 37 | 41 | 18 | 40 | 52 | 40 | 23 | 40 | 6 | 39 | 59 | 2 | |
| | 30 | 41 | 55 | 41 | 47 | 41 | 28 | 41 | 1 | 40 | 34 | 40 | 15 | 40 | 8 | 0 | 9 |
| 3 | 2 | 42 | 5 | 41 | 57 | 41 | 38 | 41 | 11 | 40 | 44 | 40 | 25 | 40 | 18 | 28 | |
| | 4 | 42 | 15 | 42 | 7 | 41 | 48 | 41 | 21 | 40 | 54 | 40 | 34 | 40 | 27 | 26 | |
| | 6 | 42 | 26 | 42 | 18 | 41 | 58 | 41 | 31 | 41 | 4 | 40 | 44 | 40 | 37 | 24 | |
| | 8 | 42 | 36 | 42 | 28 | 42 | 8 | 41 | 41 | 41 | 14 | 40 | 54 | 40 | 47 | 22 | |
| | 10 | 42 | 46 | 42 | 38 | 42 | 18 | 41 | 51 | 41 | 23 | 41 | 4 | 40 | 56 | 20 | 8 |
| 3 | 12 | 42 | 56 | 42 | 48 | 42 | 28 | 42 | 1 | 41 | 33 | 41 | 15 | 41 | 6 | 18 | |
| | 14 | 43 | 6 | 42 | 59 | 42 | 38 | 42 | 10 | 41 | 43 | 41 | 23 | 41 | 15 | 16 | |
| | 16 | 43 | 16 | 43 | 9 | 42 | 48 | 42 | 20 | 41 | 53 | 41 | 35 | 41 | 25 | 14 | |
| | 18 | 43 | 27 | 43 | 19 | 42 | 58 | 42 | 30 | 42 | 3 | 41 | 42 | 41 | 35 | 12 | |
| | 20 | 43 | 37 | 43 | 29 | 43 | 8 | 42 | 40 | 42 | 13 | 41 | 52 | 41 | 45 | 10 | 8 |
| 3 | 22 | 43 | 47 | 43 | 40 | 43 | 19 | 42 | 50 | 42 | 22 | 42 | 2 | 41 | 54 | 8 | |
| | 24 | 43 | 57 | 43 | 50 | 43 | 29 | 43 | 0 | 42 | 32 | 42 | 12 | 42 | 4 | 6 | |
| | 26 | 44 | 8 | 44 | 0 | 43 | 39 | 43 | 10 | 42 | 41 | 42 | 21 | 42 | 13 | 4 | |
| | 28 | 44 | 18 | 44 | 10 | 43 | 49 | 43 | 20 | 42 | 51 | 42 | 30 | 42 | 22 | 2 | |
| | 30 | 44 | 28 | 44 | 20 | 43 | 58 | 43 | 29 | 43 | 0 | 42 | 39 | 42 | 31 | 0 | 8 |
| 4 | 3 | 44 | 42 | 44 | 34 | 44 | 13 | 43 | 43 | 43 | 14 | 42 | 53 | 42 | 45 | 27 | |
| | 6 | 44 | 57 | 44 | 49 | 44 | 27 | 43 | 57 | 43 | 28 | 43 | 7 | 42 | 59 | 24 | |
| | 9 | 45 | 11 | 45 | 3 | 44 | 41 | 44 | 11 | 43 | 41 | 43 | 20 | 43 | 12 | 21 | |
| | 12 | 45 | 24 | 45 | 16 | 44 | 54 | 44 | 24 | 43 | 54 | 43 | 33 | 43 | 24 | 18 | |
| | 15 | 45 | 37 | 45 | 29 | 45 | 7 | 44 | 36 | 44 | 6 | 43 | 45 | 43 | 36 | 15 | 7 |
| 4 | 18 | 45 | 50 | 45 | 41 | 45 | 19 | 44 | 49 | 44 | 18 | 43 | 56 | 43 | 48 | 12 | |
| | 21 | 46 | 2 | 45 | 53 | 45 | 31 | 45 | 0 | 44 | 30 | 44 | 8 | 43 | 59 | 9 | |
| | 24 | 46 | 13 | 46 | 5 | 45 | 42 | 45 | 11 | 44 | 40 | 44 | 18 | 44 | 10 | 6 | |
| | 27 | 46 | 24 | 46 | 15 | 45 | 53 | 45 | 21 | 44 | 51 | 44 | 28 | 44 | 20 | 3 | |
| | 30 | 46 | 34 | 46 | 25 | 46 | 2 | 45 | 31 | 45 | 0 | 44 | 38 | 44 | 29 | 0 | 7 |
| 5 | 6 | 46 | 51 | 46 | 43 | 46 | 19 | 45 | 48 | 45 | 17 | 44 | 54 | 44 | 45 | 24 | |
| | 12 | 47 | 5 | 46 | 57 | 46 | 33 | 46 | 1 | 45 | 30 | 45 | 7 | 44 | 58 | 18 | |
| | 18 | 47 | 15 | 47 | 7 | 46 | 43 | 46 | 11 | 45 | 39 | 45 | 16 | 45 | 8 | 12 | |
| | 24 | 47 | 22 | 47 | 13 | 46 | 49 | 46 | 17 | 45 | 45 | 45 | 22 | 45 | 14 | 6 | |
| | 30 | 47 | 24 | 47 | 15 | 46 | 51 | 46 | 19 | 45 | 47 | 45 | 24 | 45 | 16 | 0 | 6 |
| | | XII | | XI | | X | | IX | | VIII | | VII | | VI | | | |

Anomalia Æquata Martis.

Anomalia Æquata Martis.

Signa Anomaliæ Solis Æquatæ Completa.

LATI-

*TABVLA 78. Scrupulorum Proportionalium Latitudinis Martis.*

| Anomal. orb. seu cómut. ♂ | | Scrup. proport. increm. & decrem. | | Signa Completa Anomaliæ Æquatæ Excentrici Martis. O | | I | | II | | III | | IV | | V | | VI | | Scrup. proport. increm. & decrem. | | Scrup. incrm. ♂ | Anomal. orb. ♂ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sig. | G | G | ′ | G. | ′ | G. | ′ | G. | ′ | G. | ′ | G. | ′ | G. | ′ | G. | ′ | G. | ′ | ′ | G. | Sig. |
| ♂ | 0 | 60 A. | 0 | 9 | 46 | 9 | 46 | 9 | 41 | 9 | 31 | 9 | 21 | 9 | 11 | 9 | 6 | 60 A. | 0 | 8 | 30 | 12 |
| | 12 | 59 | 57 | | 47 | | 47 | | 42 | 9 | 32 | | 22 | | 12 | | 7 | 59 | 51 | 8 | 18 | |
| | 24 | 58 | 40 | | 55 | | 55 | | 50 | | 40 | | 30 | | 19 | | 14 | 58 | 48 | 8 | 6 | 11 |
| 1 | 6 | 56 | 0 | 10 | 11 | 10 | 11 | 10 | 6 | | 56 | | 46 | | 35 | | 30 | 56 | 25 | 7 | 24 | |
| | 18 | 50 | 50 | | 34 | | 34 | 10 | 29 | 10 | 20 | 10 | 10 | 10 | 0 | | 55 | 52 | 41 | 7 | 12 | |
| | 30 | 45 | 25 | 11 | 13 | 11 | 13 | 11 | 8 | | 58 | | 47 | | 36 | 10 | 29 | 47 | 37 | 6 | 0 | 10 |
| 2 | 6 | 42 | 40 | 11 | 32 | 11 | 32 | 11 | 29 | 11 | 20 | 11 | 9 | 10 | 58 | 10 | 52 | 44 | 11 | 6 | 24 | |
| | 12 | 39 | 20 | | 55 | | 55 | | 53 | | 43 | | 32 | 11 | 22 | 11 | 16 | 40 | 36 | 5 | 18 | |
| | 18 | 35 | 20 | 12 | 18 | 12 | 18 | 12 | 18 | 12 | 8 | | 58 | | 49 | | 44 | 36 | 25 | 5 | 12 | |
| | 24 | 30 | 20 | | 48 | | 48 | | 48 | | 38 | 12 | 28 | 12 | 18 | 12 | 13 | 32 | 5 | 5 | 6 | |
| | 30 | 24 | 30 | 13 | 21 | 13 | 21 | 13 | 22 | 13 | 12 | 13 | 1 | | 51 | | 46 | 27 | 10 | 4 | 0 | 9 |
| 3 | 6 | 16 | 50 | 14 | 3 | 14 | 3 | 14 | 3 | 13 | 53 | 13 | 42 | 13 | 31 | 13 | 26 | 21 | 12 | 4 | 24 | |
| | 12 | 8 | 40 | | 53 | | 53 | 14 | 49 | 14 | 42 | 14 | 31 | 14 | 21 | 14 | 15 | 13 | 53 | 3 | 18 | |
| | 18 | 0 B. | 0 | 15 | 48 | 15 | 48 | 15 | 48 | 15 | 38 | 15 | 28 | 15 | 18 | 15 | 12 | 5 | 22 | 3 | 12 | |
| | 24 | 2 | 30 | 16 | 50 | 16 | 50 | 16 | 49 | 16 | 40 | 16 | 30 | 16 | 22 | 16 | 17 | 0 B. | 39 | 2 | 6 | |
| | 30 | 5 | 26 | 18 | 3 | 18 | 3 | 18 | 2 | 17 | 56 | 17 | 49 | 17 | 42 | 17 | 39 | 2 | 31 | 2 | 0 | 8 |
| 4 | 6 | 8 | 44 | 19 | 25 | 19 | 25 | 19 | 24 | 19 | 23 | 19 | 21 | 19 | 19 | 19 | 18 | 4 | 45 | 2 | 24 | |
| | 12 | 13 | 0 | 21 | 11 | 21 | 11 | 21 | 11 | 21 | 10 | 21 | 11 | 21 | 11 | 21 | 11 | 7 | 18 | 1 | 18 | |
| | 18 | 17 | 34 | 23 | 5 | 23 | 8 | 23 | 18 | 23 | 32 | 23 | 34 | 23 | 36 | 23 | 37 | 10 | 37 | 1 | 12 | |
| | 24 | 23 | 10 | 25 | 24 | 25 | 30 | 25 | 45 | 26 | 15 | 26 | 27 | 26 | 40 | 26 | 45 | 14 | 52 | 1 | 6 | |
| | 30 | 29 | 21 | 28 | 0 | 28 | 12 | 28 | 42 | 29 | 38 | 30 | 8 | 30 | 36 | 30 | 49 | 20 | 23 | 1 | 0 | 7 |
| 5 | 3 | 33 | 3 | 29 | 30 | 29 | 42 | 30 | 14 | 31 | 10 | 31 | 56 | 32 | 38 | 33 | 2 | 23 | 24 | 0 | 27 | |
| | 6 | 36 | 53 | 31 | 5 | 31 | 20 | 31 | 59 | 34 | 9 | 34 | 15 | 35 | 17 | 35 | 42 | 26 | 59 | 0 | 24 | |
| | 9 | 40 | 44 | 32 | 41 | 33 | 0 | 33 | 52 | 35 | 22 | 36 | 46 | 38 | 8 | 38 | 43 | 31 | 7 | 0 | 21 | |
| | 12 | 44 | 33 | 34 | 16 | 34 | 40 | 35 | 47 | 37 | 37 | 39 | 29 | 41 | 18 | 42 | 5 | 35 | 41 | 0 | 18 | |
| | 15 | 48 | 28 | 35 | 53 | 36 | 23 | 37 | 42 | 40 | 1 | 42 | 27 | 44 | 46 | 45 | 45 | 40 | 39 | 0 | 15 | 6 |
| 5 | 18 | 52 | 7 | 37 | 24 | 37 | 59 | 39 | 34 | 42 | 21 | 45 | 26 | 48 | 25 | 49 | 41 | 46 | 0 | 0 | 12 | |
| | 21 | 55 | 23 | 38 | 45 | 39 | 25 | 41 | 10 | 44 | 20 | 48 | 9 | 51 | 52 | 53 | 29 | 51 | 9 | 0 | 9 | |
| | 24 | 57 | 47 | 39 | 45 | 40 | 31 | 42 | 34 | 46 | 4 | 50 | 34 | 54 | 56 | 56 | 53 | 55 | 46 | 0 | 6 | |
| | 27 | 59 | 21 | 40 | 24 | 41 | 13 | 43 | 26 | 47 | 10 | 52 | 10 | 57 | 0 | 59 | 8 | 58 | 49 | 0 | 3 | |
| | 30 | 60 | 0 | 40 | 40 | 41 | 30 | 43 | 48 | 47 | 34 | 52 | 47 | 57 | 49 | 60 | 0 | 60 | 0 | 0 | 0 | 6 |
| | | | | XII | | XI | | X | | IX | | VIII | | VII | | VI | | | | | | |

Signa Completa Anomaliæ Excentrici Martis.

*TAB. 79. Decrements Scrupul. Propori. Lat. ♂*

| An. exc. ♂ eq. | | Signa Anomaliæ Solis Æquatæ Completa. O | | I | | II | | III | | IV | | V | | VI | | An. excē. ♂ eq. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Si. | G. | G. | ′ | G. | ′ | G. | ′ | G. | ′ | G. | ′ | G. | ′ | G. | ′ | G. | Si. |
| 0 | 0 | 0 | 5 | 0 | 20 | 0 | 40 | 1 | 3 | 1 | 18 | 1 | 24 | | | 0 | 12 |
| | 6 | 0 | 5 | 0 | 20 | 0 | 40 | 1 | 3 | 1 | 19 | 1 | 25 | | | 24 | |
| | 12 | 0 | 5 | 0 | 20 | 0 | 41 | 1 | 5 | 1 | 21 | 1 | 27 | | | 18 | |
| | 18 | 0 | 5 | 0 | 21 | 0 | 42 | 1 | 7 | 1 | 23 | 1 | 29 | | | 12 | |
| | 24 | 0 | 6 | 0 | 21 | 0 | 43 | 1 | 9 | 1 | 25 | 1 | 31 | | | 6 | |
| | 30 | 0 | 6 | 0 | 22 | 0 | 45 | 1 | 11 | 1 | 28 | 1 | 34 | | | 0 | 11 |
| 1 | 6 | 0 | 6 | 0 | 23 | 0 | 47 | 1 | 13 | 1 | 32 | 1 | 38 | | | 24 | |
| | 12 | 0 | 6 | 0 | 24 | 0 | 49 | 1 | 16 | 1 | 36 | 1 | 43 | | | 18 | |
| | 18 | 0 | 7 | 0 | 25 | 0 | 51 | 1 | 20 | 1 | 41 | 1 | 48 | | | 12 | |
| | 24 | 0 | 7 | 0 | 27 | 0 | 54 | 1 | 24 | 1 | 47 | 1 | 54 | | | 6 | |
| | 30 | 0 | 7 | 0 | 29 | 0 | 57 | 1 | 30 | 1 | 53 | 2 | 1 | | | 0 | 10 |
| 2 | 6 | 0 | 8 | 0 | 31 | 1 | 1 | 1 | 36 | 1 | 59 | 2 | 9 | | | 24 | |
| | 12 | 0 | 8 | 0 | 33 | 1 | 5 | 1 | 42 | 2 | 6 | 2 | 17 | | | 18 | |
| | 18 | 0 | 9 | 0 | 35 | 1 | 9 | 1 | 49 | 2 | 15 | 2 | 26 | | | 12 | |
| | 24 | 0 | 9 | 0 | 37 | 1 | 14 | 1 | 57 | 2 | 25 | 2 | 36 | | | 6 | |
| | 30 | 0 | 10 | 0 | 40 | 1 | 20 | 2 | 6 | 2 | 35 | 2 | 47 | | | 0 | 9 |
| 3 | 6 | 0 | 11 | 0 | 43 | 1 | 26 | 2 | 15 | 2 | 46 | 2 | 59 | | | 24 | |
| | 12 | 0 | 12 | 0 | 46 | 1 | 31 | 2 | 25 | 2 | 58 | 3 | 11 | | | 18 | |
| | 18 | 0 | 13 | 0 | 50 | 1 | 39 | 2 | 35 | 3 | 9 | 3 | 24 | | | 12 | |
| | 24 | 0 | 14 | 0 | 53 | 1 | 46 | 2 | 45 | 3 | 22 | 3 | 37 | | | 6 | |
| | 30 | 0 | 15 | 0 | 56 | 1 | 52 | 2 | 55 | 3 | 34 | 3 | 50 | | | 0 | 8 |
| 4 | 6 | 0 | 16 | 0 | 59 | 1 | 59 | 3 | 6 | 3 | 47 | 4 | 3 | | | 24 | |
| | 12 | 0 | 17 | 1 | 3 | 2 | 6 | 3 | 16 | 4 | 0 | 4 | 16 | | | 18 | |
| | 18 | 0 | 18 | 1 | 6 | 2 | 12 | 3 | 26 | 4 | 13 | 4 | 29 | | | 12 | |
| | 24 | 0 | 18 | 1 | 9 | 2 | 17 | 3 | 35 | 4 | 24 | 4 | 41 | | | 6 | |
| | 30 | 0 | 19 | 1 | 11 | 2 | 22 | 3 | 43 | 4 | 35 | 4 | 52 | | | 0 | 7 |
| 5 | 6 | 0 | 19 | 1 | 13 | 2 | 26 | 3 | 50 | 4 | 43 | 5 | 0 | | | 24 | |
| | 12 | 0 | 19 | 1 | 15 | 2 | 29 | 3 | 55 | 4 | 50 | 5 | 7 | | | 18 | |
| | 18 | 0 | 19 | 1 | 16 | 2 | 32 | 4 | 0 | 4 | 56 | 5 | 13 | | | 12 | |
| | 24 | 0 | 20 | 1 | 17 | 2 | 34 | 4 | 2 | 4 | 58 | 5 | 16 | | | 6 | |
| | 30 | 0 | 20 | 1 | 18 | 2 | 35 | 4 | 3 | 5 | 0 | 5 | 18 | | | 0 | 6 |
| | | XII | | XI | | X | | IX | | VIII | | VII | | VI | | | |

Signa Completa Anomaliæ Solis Æquatæ.

*TAB. 80. Latitudinis, Reductionis, & Curtationis ♂.*

Signa Distantiæ à Nodo Boreali.

| Distant. | 0 Bor. 6 Austr. Latit. | | Red. | Curt. | 1 Bor. 7 Austr. Latit. | | Red. | Curt | 2 Bor. 8 Austr. Latit. | | Red. | Curt. | Distant. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Gr. | G. | ′ | ′′ | ′′ | G. | ′ | ′′ | ′′ | G. | ′ | ′′ | ′′ | Gr. |
| 0 | 0 | 0 | 1 | 0 | 3 | 40 | 47 | 35 | 6 | 22 | 47 | 61 | 30 |
| 1 | 0 | 8 | 3 | 1 | 3 | 47 | 48 | 36 | 6 | 30 | 46 | 61 | 29 |
| 2 | 0 | 15 | 5 | 2 | 3 | 54 | 48 | 37 | 6 | 34 | 45 | 62 | 28 |
| 3 | 0 | 23 | 7 | 3 | 4 | 1 | 49 | 38 | 6 | 37 | 44 | 62 | 27 |
| 4 | 0 | 30 | 9 | 5 | 4 | 7 | 49 | 39 | 6 | 40 | 43 | 63 | 26 |
| 5 | 0 | 38 | 11 | 6 | 4 | 13 | 49 | 40 | 6 | 43 | 42 | 63 | 25 |
| 6 | 0 | 45 | 13 | 7 | 4 | 19 | 50 | 41 | 6 | 46 | 41 | 64 | 24 |
| 7 | 0 | 53 | 15 | 9 | 4 | 26 | 50 | 42 | 6 | 49 | 39 | 64 | 23 |
| 8 | 1 | 1 | 16 | 10 | 4 | 32 | 51 | 43 | 6 | 51 | 38 | 65 | 22 |
| 9 | 1 | 9 | 18 | 11 | 4 | 38 | 51 | 44 | 6 | 54 | 37 | 65 | 21 |
| 10 | 1 | 17 | 20 | 12 | 4 | 44 | 52 | 45 | 6 | 57 | 36 | 66 | 20 |
| 11 | 1 | 24 | 22 | 14 | 4 | 50 | 52 | 46 | 6 | 59 | 34 | 67 | 19 |
| 12 | 1 | 31 | 24 | 15 | 4 | 55 | 52 | 47 | 7 | 2 | 33 | 67 | 18 |
| 13 | 1 | 39 | 26 | 16 | 5 | 1 | 52 | 48 | 7 | 4 | 32 | 67 | 17 |
| 14 | 1 | 47 | 28 | 17 | 5 | 7 | 53 | 49 | 7 | 6 | 30 | 68 | 16 |
| 15 | 1 | 55 | 30 | 18 | 5 | 12 | 53 | 50 | 7 | 8 | 28 | 68 | 15 |
| 16 | 2 | 2 | 32 | 19 | 5 | 17 | 53 | 50 | 7 | 10 | 26 | 68 | 14 |
| 17 | 2 | 9 | 33 | 21 | 5 | 23 | 52 | 51 | 7 | 12 | 24 | 68 | 13 |
| 18 | 2 | 16 | 34 | 22 | 5 | 28 | 52 | 52 | 7 | 14 | 22 | 69 | 12 |
| 19 | 2 | 24 | 36 | 23 | 5 | 33 | 52 | 53 | 7 | 15 | 20 | 69 | 11 |
| 20 | 2 | 31 | 37 | 24 | 5 | 38 | 52 | 54 | 7 | 16 | 18 | 69 | 10 |
| 21 | 2 | 38 | 38 | 25 | 5 | 43 | 51 | 55 | 7 | 17 | 16 | 69 | 9 |
| 22 | 2 | 45 | 39 | 26 | 5 | 48 | 51 | 55 | 7 | 18 | 15 | 69 | 8 |
| 23 | 2 | 52 | 41 | 27 | 5 | 53 | 50 | 56 | 7 | 18 | 13 | 70 | 7 |
| 24 | 2 | 59 | 42 | 28 | 5 | 57 | 50 | 57 | 7 | 19 | 11 | 70 | 6 |
| 25 | 3 | 6 | 43 | 30 | 6 | 1 | 49 | 58 | 7 | 19 | 9 | 70 | 5 |
| 26 | 3 | 13 | 44 | 31 | 6 | 5 | 49 | 58 | 7 | 20 | 7 | 70 | 4 |
| 27 | 3 | 20 | 45 | 32 | 6 | 10 | 49 | 59 | 7 | 20 | 5 | 70 | 3 |
| 28 | 3 | 27 | 46 | 33 | 6 | 14 | 48 | 60 | 7 | 20 | 3 | 70 | 2 |
| 29 | 3 | 34 | 47 | 34 | 6 | 18 | 48 | 60 | 7 | 21 | 1 | 70 | 1 |
| 30 | 3 | 40 | 48 | 35 | 6 | 22 | 47 | 61 | 7 | 21 | 0 | 70 | 0 |
| | 5 Bor. 11 Austr. | | | | 4 Bor. 10 Austr. | | | | 3 Bor. 9 Austr. | | | | |

Signa Distantiæ à Nodo Boreali.

MO-

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## TABVLA 81. MEDIORVM MOTVVM VENERIS ♀.

### EPOCHÆ, seu RADICES MOTVVM.

| Anni Cõpleti ante Christũ | Longit. ab ♈ Sig. | G. | I | II | Apogæi. Sig. | G. | I | II | Nodi Bor. Sig. | G. | I | II |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6000 | 10 | 19 | 46 | 19 | 6 | 18 | 19 | 21 | 0 | 10 | 26 | 49 |
| 5000 | 5 | 3 | 19 | 49 | 7 | 2 | 24 | 35 | 0 | 18 | 49 | 33 |
| 4000 | 11 | 16 | 53 | 19 | 7 | 16 | 29 | 49 | 0 | 27 | 12 | 17 |
| 3000 | 6 | 0 | 26 | 49 | 8 | 0 | 35 | 3 | 1 | 5 | 35 | 1 |
| 2000 | 0 | 14 | 0 | 19 | 8 | 14 | 40 | 17 | 1 | 13 | 57 | 45 |
| 1000 | 6 | 27 | 33 | 49 | 8 | 28 | 45 | 31 | 1 | 22 | 20 | 29 |
| 900 | 1 | 16 | 55 | 10 | 9 | 0 | 10 | 2 | 1 | 23 | 10 | 45 |
| 800 | 8 | 6 | 16 | 31 | 9 | 1 | 34 | 33 | 1 | 24 | 1 | 1 |
| 700 | 2 | 25 | 37 | 52 | 9 | 2 | 59 | 4 | 1 | 24 | 51 | 17 |
| 600 | 9 | 14 | 59 | 13 | 9 | 4 | 23 | 35 | 1 | 25 | 41 | 33 |
| 500 | 4 | 4 | 20 | 34 | 9 | 5 | 48 | 6 | 1 | 26 | 31 | 49 |
| 400 | 10 | 23 | 41 | 55 | 9 | 7 | 12 | 37 | 1 | 27 | 22 | 5 |
| 300 | 5 | 13 | 3 | 16 | 9 | 8 | 37 | 8 | 1 | 28 | 12 | 21 |
| 200 | 0 | 2 | 24 | 37 | 9 | 10 | 1 | 39 | 1 | 29 | 2 | 39 |
| 100 | 6 | 21 | 45 | 57 | 9 | 11 | 26 | 11 | 1 | 29 | 52 | 57 |
| Christi | 1 | 11 | 7 | 17 | 9 | 12 | 50 | 43 | 2 | 0 | 43 | 15 |
| 100 | 8 | 0 | 28 | 38 | 9 | 14 | 15 | 14 | 2 | 1 | 33 | 31 |
| 200 | 2 | 19 | 49 | 59 | 9 | 15 | 39 | 45 | 2 | 2 | 23 | 47 |
| 300 | 9 | 9 | 11 | 20 | 9 | 17 | 4 | 16 | 2 | 3 | 14 | 3 |
| 400 | 3 | 28 | 32 | 41 | 9 | 18 | 28 | 47 | 2 | 4 | 4 | 19 |
| 500 | 10 | 7 | 54 | 2 | 9 | 19 | 53 | 18 | 2 | 4 | 54 | 35 |
| 600 | 5 | 7 | 15 | 23 | 9 | 21 | 17 | 49 | 2 | 5 | 44 | 51 |
| 700 | 11 | 26 | 36 | 44 | 9 | 22 | 42 | 20 | 2 | 6 | 35 | 7 |
| 800 | 6 | 15 | 58 | 5 | 9 | 24 | 6 | 52 | 2 | 7 | 25 | 25 |
| 900 | 1 | 5 | 19 | 26 | 9 | 25 | 31 | 24 | 2 | 8 | 15 | 41 |
| 1000 | 7 | 24 | 40 | 47 | 9 | 26 | 55 | 57 | 2 | 9 | 5 | 59 |
| 1100 | 2 | 14 | 2 | 8 | 9 | 28 | 20 | 28 | 2 | 9 | 56 | 15 |
| 1200 | 9 | 3 | 23 | 9 | 9 | 29 | 44 | 59 | 2 | 10 | 46 | 31 |
| St. veteri. 1300 | 3 | 22 | 44 | 30 | 10 | 1 | 9 | 30 | 2 | 11 | 36 | 47 |
| 1400 | 10 | 12 | 6 | 11 | 10 | 2 | 34 | 2 | 2 | 12 | 27 | 4 |
| 1500 | 5 | 1 | 27 | 32 | 10 | 3 | 58 | 33 | 2 | 13 | 17 | 20 |
| 1600 | 11 | 20 | 48 | 53 | 10 | 5 | 23 | 5 | 2 | 14 | 7 | 38 |
| St. novo. 1600 | 11 | 4 | 47 | 35 | 10 | 5 | 23 | 4 | 2 | 14 | 7 | 37 |
| 1700 | 5 | 22 | 32 | 48 | 10 | 6 | 47 | 36 | 2 | 14 | 57 | 54 |
| 1800 | 0 | 10 | 18 | 1 | 10 | 8 | 12 | 7 | 2 | 15 | 48 | 10 |
| 1900 | 6 | 28 | 5 | 14 | 10 | 9 | 36 | 38 | 2 | 16 | 38 | 26 |
| 2000 | 1 | 17 | 24 | 35 | 10 | 11 | 1 | 9 | 2 | 17 | 28 | 43 |
| 2100 | 8 | 5 | 9 | 48 | 10 | 12 | 25 | 40 | 2 | 18 | 18 | 59 |
| 2200 | 2 | 22 | 55 | 1 | 10 | 13 | 50 | 11 | 2 | 19 | 9 | 15 |
| 2300 | 9 | 10 | 40 | 14 | 10 | 15 | 14 | 41 | 2 | 19 | 59 | 30 |

### ANNI IVLIANI EXPANSI, & COLLECTI.

| Motus Anni | Longit. ab ♈ Sig. | G. | I | II | Apogæi. I | II | Nodi Bor. I | II |
|---|---|---|---|---|---|---|---|---|
| 1 | 7 | 14 | 47 | 35 | 0 | 51 | 0 | 30 |
| 2 | 2 | 29 | 35 | 10 | 1 | 41 | 1 | 0 |
| 3 | 10 | 14 | 22 | 45 | 2 | 32 | 1 | 30 |
| B. 4 | 6 | 0 | 46 | 27 | 3 | 23 | 2 | 1 |
| 5 | 1 | 15 | 34 | 2 | 4 | 13 | 2 | 31 |
| 6 | 9 | 0 | 21 | 37 | 5 | 4 | 3 | 1 |
| 7 | 4 | 15 | 9 | 12 | 5 | 55 | 3 | 31 |
| B. 8 | 0 | 1 | 32 | 54 | 6 | 45 | 4 | 1 |
| 9 | 7 | 16 | 20 | 29 | 7 | 36 | 4 | 31 |
| 10 | 3 | 1 | 8 | 4 | 8 | 27 | 5 | 1 |
| 11 | 10 | 15 | 55 | 39 | 9 | 17 | 5 | 32 |
| B. 12 | 6 | 2 | 19 | 22 | 10 | 8 | 6 | 2 |
| 13 | 1 | 17 | 6 | 57 | 10 | 59 | 6 | 32 |
| 14 | 9 | 1 | 54 | 31 | 11 | 50 | 7 | 2 |
| 15 | 4 | 16 | 42 | 6 | 12 | 40 | 7 | 32 |
| B. 16 | 0 | 3 | 5 | 49 | 13 | 31 | 8 | 2 |
| 17 | 7 | 17 | 53 | 24 | 14 | 22 | 8 | 32 |
| 18 | 3 | 2 | 40 | 59 | 15 | 12 | 9 | 3 |
| 19 | 10 | 17 | 28 | 34 | 16 | 3 | 9 | 33 |
| B. 20 | 6 | 3 | 52 | 16 | 16 | 54 | 10 | 3 |

Radices affixæ sunt Meridiano Bononiensi, in meridie vltimo Decembris præcedentis. Anni sunt Completi, tam sursum ante, quàm deorsum numerando post Christum.

### ANNI IVLIANI COLLECTI.

| Motus Anni | Long. ab ♈ Sig. | G. | I | II | Apogei. Sig. | G. | I | II | Nodi Bor. Sig. | G. | I | II |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 40 | 0 | 7 | 44 | 32 | 0 | 0 | 33 | 49 | 0 | 0 | 20 | 7 |
| 60 | 6 | 11 | 36 | 49 | 0 | 0 | 50 | 43 | 0 | 0 | 30 | 10 |
| 80 | 0 | 15 | 29 | 5 | 0 | 1 | 7 | 37 | 0 | 0 | 40 | 13 |
| 100 | 6 | 19 | 21 | 21 | 0 | 1 | 24 | 31 | 0 | 0 | 50 | 16 |
| 200 | 1 | 8 | 42 | 42 | 0 | 2 | 49 | 3 | 0 | 1 | 40 | 33 |
| 300 | 7 | 28 | 4 | 3 | 0 | 4 | 13 | 34 | 0 | 2 | 30 | 49 |
| 400 | 2 | 17 | 25 | 24 | 0 | 5 | 38 | 6 | 0 | 3 | 21 | 6 |
| 500 | 9 | 6 | 46 | 45 | 0 | 7 | 2 | 37 | 0 | 4 | 11 | 22 |
| 600 | 3 | 26 | 8 | 6 | 0 | 8 | 27 | 8 | 0 | 5 | 1 | 39 |
| 700 | 10 | 15 | 29 | 27 | 0 | 9 | 51 | 40 | 0 | 5 | 51 | 55 |
| 800 | 5 | 4 | 50 | 47 | 0 | 11 | 16 | 11 | 0 | 6 | 42 | 12 |
| 900 | 11 | 24 | 12 | 9 | 0 | 12 | 40 | 42 | 0 | 7 | 32 | 28 |
| 1000 | 6 | 13 | 33 | 30 | 0 | 14 | 5 | 14 | 0 | 8 | 22 | 44 |
| 2000 | 0 | 27 | 6 | 59 | 0 | 28 | 10 | 28 | 0 | 16 | 45 | 29 |
| 3000 | 7 | 10 | 40 | 29 | 1 | 12 | 15 | 41 | 0 | 25 | 8 | 13 |
| 4000 | 1 | 24 | 13 | 58 | 1 | 26 | 20 | 56 | 1 | 3 | 30 | 58 |
| 5000 | 8 | 7 | 47 | 28 | 2 | 10 | 26 | 9 | 1 | 11 | 53 | 42 |
| 6000 | 2 | 21 | 20 | 58 | 2 | 24 | 31 | 22 | 1 | 20 | 16 | 26 |

### MENSES ANNI

| Mot. Mens. | Communis. Long. ab ♈ Sig. | G. | I | II | Bissextilis. Long. ab ♈ Sig. | G. | I | II | Apog. II | Nodi. II |
|---|---|---|---|---|---|---|---|---|---|---|
| Ianuar. | 1 | 19 | 40 | 3 | 1 | 19 | 40 | 3 | 0 | 0 |
| Febr. | 3 | 4 | 31 | 42 | 3 | 6 | 7 | 50 | 4 | 3 |
| Martij | 4 | 24 | 11 | 44 | 4 | 25 | 47 | 52 | 8 | 5 |
| Aprilis | 6 | 12 | 15 | 39 | 6 | 13 | 51 | 47 | 13 | 8 |
| Maij | 8 | 1 | 55 | 42 | 8 | 3 | 31 | 50 | 17 | 10 |
| Iunij | 9 | 19 | 57 | 37 | 9 | 21 | 33 | 45 | 21 | 13 |
| Iulij | 11 | 9 | 39 | 39 | 11 | 11 | 15 | 47 | 25 | 15 |
| Augusti | 0 | 29 | 19 | 42 | 1 | 0 | 55 | 50 | 29 | 18 |
| Septẽb. | 2 | 17 | 23 | 37 | 2 | 19 | 1 | 45 | 33 | 20 |
| Octob. | 4 | 7 | 3 | 39 | 4 | 8 | 39 | 47 | 38 | 22 |
| Nouẽb. | 5 | 21 | 7 | 34 | 5 | 22 | 43 | 42 | 42 | 25 |
| Decẽb. | 7 | 14 | 47 | 35 | 7 | 16 | 23 | 43 | 46 | 27 |

### DIES.

| Mor. Dies | Long. ab ♈ Sig. | G. | I | II | Apog. II |
|---|---|---|---|---|---|
| 1 | 0 | 1 | 36 | 8 | 0 |
| 2 | 0 | 3 | 12 | 16 | 0 |
| 3 | 0 | 4 | 48 | 23 | 0 |
| 4 | 0 | 6 | 24 | 31 | 0 |
| 5 | 0 | 8 | 0 | 39 | 0 |
| 6 | 0 | 9 | 36 | 47 | 0 |
| 7 | 0 | 11 | 12 | 55 | 1 |
| 8 | 0 | 12 | 49 | 3 | 1 |
| 9 | 0 | 14 | 25 | 10 | 1 |
| 10 | 0 | 16 | 1 | 18 | 1 |
| 11 | 0 | 17 | 37 | 26 | 1 |
| 12 | 0 | 19 | 13 | 34 | 1 |
| 13 | 0 | 20 | 49 | 42 | 1 |
| 14 | 0 | 22 | 25 | 50 | 2 |
| 15 | 0 | 24 | 1 | 57 | 2 |
| 16 | 0 | 25 | 58 | 5 | 2 |
| 17 | 0 | 27 | 14 | 13 | 2 |
| 18 | 0 | 28 | 50 | 21 | 2 |
| 19 | 1 | 0 | 26 | 29 | 2 |
| 20 | 1 | 2 | 2 | 37 | 2 |
| 21 | 1 | 3 | 38 | 44 | 3 |
| 22 | 1 | 5 | 14 | 52 | 3 |
| 23 | 1 | 6 | 51 | 0 | 3 |
| 24 | 1 | 8 | 27 | 8 | 3 |
| 25 | 1 | 10 | 3 | 16 | 3 |
| 26 | 1 | 11 | 39 | 23 | 3 |
| 27 | 1 | 13 | 15 | 31 | 3 |
| 28 | 1 | 14 | 51 | 39 | 4 |
| 29 | 1 | 16 | 27 | 47 | 4 |
| 30 | 1 | 18 | 3 | 55 | 4 |
| 31 | 1 | 19 | 40 | 3 | 4 |
| 32 | 1 | 21 | 16 | 11 | 4 |

### HORÆ.

| Mor. Horæ | Long. ab ♈ G. | I | II |
|---|---|---|---|
| 1 | 0 | 4 | 0 |
| 2 | 0 | 8 | 1 |
| 3 | 0 | 12 | 1 |
| 4 | 0 | 16 | 2 |
| 5 | 0 | 20 | 2 |
| 6 | 0 | 24 | 2 |
| 7 | 0 | 28 | 3 |
| 8 | 0 | 32 | 3 |
| 9 | 0 | 36 | 3 |
| 10 | 0 | 40 | 4 |
| 11 | 0 | 44 | 4 |
| 12 | 0 | 48 | 5 |
| 13 | 0 | 52 | 5 |
| 14 | 0 | 56 | 5 |
| 15 | 1 | 0 | 6 |
| 16 | 1 | 4 | 6 |
| 17 | 1 | 8 | 6 |
| 18 | 1 | 12 | 7 |
| 19 | 1 | 16 | 7 |
| 20 | 1 | 20 | 8 |
| 21 | 1 | 24 | 8 |
| 22 | 1 | 28 | 8 |
| 23 | 1 | 32 | 9 |
| 24 | 1 | 36 | 9 |
| 25 | 1 | 40 | 9 |
| 26 | 1 | 44 | 10 |
| 27 | 1 | 48 | 10 |
| 28 | 1 | 52 | 11 |
| 29 | 1 | 56 | 12 |
| 30 | 2 | 0 | 11 |
| 40 | 2 | 40 | 16 |
| 60 | 4 | 0 | 22 |

*TABVLA 82. Æquationum Primæ Inæqualitatis Veneris.*

| Anom. simpl. G. | Signa Anomaliæ simplicis, seu Mediæ. O Subtr. I | O Subtr. II | I Subtr. I | I Subtr. II | II Subtr. I | II Subtr. II | III Subtr. I | III Subtr. II | IV Subtr. I | IV Subtr. II | V Subtr. I | V Subtr. II | Anom. simpl. G. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 0 | 0 | 27 | 0 | 47 | 10 | 54 | 36 | 47 | 34 | 27 | 20 | 30 |
| 1 | 0 | 58 | 27 | 46 | 47 | 38 | 54 | 36 | 47 | 5 | 26 | 31 | 29 |
| 2 | 1 | 55 | 28 | 34 | 48 | 5 | 54 | 35 | 46 | 15 | 25 | 41 | 28 |
| 3 | 2 | 51 | 29 | 22 | 48 | 31 | 54 | 34 | 46 | 4 | 24 | 52 | 27 |
| 4 | 3 | 48 | 30 | 10 | 48 | 55 | 54 | 31 | 45 | 32 | 24 | 2 | 26 |
| 5 | 4 | 44 | 30 | 58 | 49 | 18 | 54 | 27 | 44 | 58 | 23 | 32 | 25 |
| 6 | 5 | 41 | 31 | 45 | 49 | 40 | 54 | 22 | 44 | 24 | 22 | 22 | 24 |
| 7 | 6 | 37 | 32 | 31 | 50 | 2 | 54 | 15 | 43 | 49 | 21 | 30 | 23 |
| 8 | 7 | 32 | 33 | 17 | 50 | 24 | 54 | 8 | 43 | 13 | 20 | 37 | 22 |
| 9 | 8 | 28 | 34 | 2 | 50 | 46 | 54 | 0 | 42 | 37 | 19 | 45 | 21 |
| 10 | 9 | 23 | 34 | 46 | 51 | 7 | 53 | 52 | 42 | 0 | 18 | 52 | 20 |
| 11 | 10 | 18 | 35 | 31 | 51 | 28 | 53 | 43 | 41 | 23 | 17 | 55 | 19 |
| 12 | 11 | 14 | 36 | 15 | 51 | 49 | 53 | 33 | 40 | 45 | 17 | 0 | 18 |
| 13 | 12 | 10 | 36 | 58 | 52 | 5 | 53 | 22 | 40 | 7 | 16 | 5 | 17 |
| 14 | 13 | 5 | 37 | 38 | 52 | 20 | 53 | 8 | 39 | 27 | 15 | 9 | 16 |
| 15 | 14 | 0 | 38 | 18 | 52 | 35 | 52 | 53 | 38 | 47 | 14 | 13 | 15 |
| 16 | 14 | 55 | 38 | 58 | 52 | 51 | 52 | 35 | 38 | 6 | 13 | 17 | 14 |
| 17 | 15 | 49 | 39 | 37 | 53 | 6 | 52 | 19 | 37 | 25 | 12 | 21 | 13 |
| 18 | 16 | 44 | 40 | 16 | 53 | 20 | 52 | 3 | 36 | 42 | 11 | 25 | 12 |
| 19 | 17 | 38 | 40 | 54 | 53 | 32 | 51 | 46 | 35 | 58 | 10 | 29 | 11 |
| 20 | 18 | 33 | 41 | 32 | 53 | 43 | 51 | 28 | 35 | 13 | 9 | 33 | 10 |
| 21 | 19 | 28 | 42 | 9 | 53 | 52 | 51 | 7 | 34 | 28 | 8 | 36 | 9 |
| 22 | 20 | 22 | 42 | 46 | 53 | 0 | 50 | 45 | 33 | 42 | 7 | 39 | 8 |
| 23 | 21 | 14 | 43 | 23 | 54 | 14 | 50 | 23 | 32 | 56 | 6 | 43 | 7 |
| 24 | 22 | 5 | 43 | 58 | 54 | 8 | 50 | 1 | 32 | 9 | 5 | 46 | 6 |
| 25 | 22 | 55 | 44 | 33 | 54 | 15 | 49 | 38 | 31 | 22 | 4 | 49 | 5 |
| 26 | 23 | 45 | 45 | 6 | 54 | 21 | 49 | 15 | 30 | 35 | 3 | 52 | 4 |
| 27 | 24 | 35 | 45 | 38 | 54 | 26 | 48 | 51 | 29 | 47 | 2 | 54 | 3 |
| 28 | 25 | 24 | 46 | 11 | 54 | 31 | 48 | 26 | 28 | 59 | 1 | 56 | 2 |
| 29 | 26 | 12 | 46 | 41 | 54 | 34 | 48 | 0 | 28 | 10 | 0 | 58 | 1 |
| 30 | 27 | 0 | 47 | 10 | 54 | 36 | 47 | 34 | 27 | 20 | 0 | 0 | 0 |
| | Adde XI | | Adde X | | Adde IX | | Adde VIII | | Adde VII | | Adde VI | | |

Signa Anomaliæ simplicis.

*TAB. 83. Anomalia Æquata Veneris, respondens Anomaliæ simplici.*

| Anom. Gr. | Signa Anomaliæ simplicis. O Sig. | O G. | O I | O II | I Sig. | I G. | I I | I II | II Sig. | II G. | II I | II II | III Sig. | III G. | III I | III II | IV Sig. | IV G. | IV I | IV II | V Sig. | V G. | V I | V II | Anom. Gr. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 0 | 0 | 0 | 0 | 0 | 29 | 46 | 25 | 1 | 29 | 36 | 19 | 2 | 29 | 32 | 42 | 3 | 29 | 36 | 19 | 4 | 29 | 46 | 25 | 30 |
| 1 | 0 | 0 | 59 | 31 | 0 | 0 | 46 | 1 | 2 | 0 | 36 | 5 | 3 | 0 | 32 | 42 | 4 | 0 | 36 | 34 | 5 | 0 | 46 | 50 | 29 |
| 2 | 0 | 1 | 59 | 2 | 1 | 1 | 45 | 37 | 2 | 1 | 35 | 52 | 3 | 1 | 32 | 43 | 4 | 1 | 36 | 49 | 5 | 1 | 47 | 14 | 28 |
| 3 | 0 | 2 | 58 | 34 | 1 | 2 | 45 | 13 | 2 | 2 | 35 | 40 | 3 | 2 | 32 | 44 | 4 | 2 | 36 | 5 | 5 | 2 | 47 | 38 | 27 |
| 4 | 0 | 3 | 58 | 5 | 1 | 3 | 44 | 49 | 2 | 3 | 35 | 27 | 3 | 3 | 32 | 46 | 4 | 3 | 37 | 21 | 5 | 3 | 48 | 3 | 26 |
| 5 | 0 | 4 | 57 | 36 | 1 | 4 | 44 | 25 | 2 | 4 | 35 | 15 | 3 | 4 | 32 | 48 | 4 | 4 | 37 | 38 | 5 | 4 | 48 | 29 | 25 |
| 6 | 0 | 5 | 57 | 8 | 1 | 5 | 44 | 1 | 2 | 5 | 35 | 4 | 3 | 5 | 32 | 50 | 4 | 5 | 37 | 55 | 5 | 5 | 48 | 54 | 24 |
| 7 | 0 | 6 | 56 | 40 | 1 | 6 | 43 | 38 | 2 | 6 | 34 | 53 | 3 | 6 | 32 | 54 | 4 | 6 | 37 | 12 | 5 | 6 | 49 | 20 | 23 |
| 8 | 0 | 7 | 56 | 12 | 1 | 7 | 43 | 15 | 2 | 7 | 34 | 42 | 3 | 7 | 32 | 58 | 4 | 7 | 38 | 30 | 5 | 7 | 49 | 46 | 22 |
| 9 | 0 | 8 | 55 | 44 | 1 | 8 | 42 | 52 | 2 | 8 | 34 | 31 | 3 | 8 | 33 | 2 | 4 | 8 | 38 | 48 | 5 | 8 | 50 | 12 | 21 |
| 10 | 0 | 9 | 55 | 16 | 1 | 9 | 42 | 30 | 2 | 9 | 34 | 21 | 3 | 9 | 33 | 6 | 4 | 9 | 38 | 7 | 5 | 9 | 50 | 39 | 20 |
| 11 | 0 | 10 | 54 | 48 | 1 | 10 | 42 | 8 | 2 | 10 | 34 | 11 | 3 | 10 | 33 | 11 | 4 | 10 | 39 | 26 | 5 | 10 | 51 | 7 | 19 |
| 12 | 0 | 11 | 54 | 20 | 1 | 11 | 41 | 46 | 2 | 11 | 34 | 2 | 3 | 11 | 33 | 17 | 4 | 11 | 39 | 45 | 5 | 11 | 51 | 34 | 18 |
| 13 | 0 | 12 | 53 | 52 | 1 | 12 | 41 | 25 | 2 | 12 | 33 | 54 | 3 | 12 | 33 | 23 | 4 | 12 | 39 | 4 | 5 | 12 | 52 | 2 | 17 |
| 14 | 0 | 13 | 53 | 24 | 1 | 13 | 41 | 4 | 2 | 13 | 33 | 46 | 3 | 13 | 33 | 30 | 4 | 13 | 40 | 24 | 5 | 13 | 52 | 29 | 16 |
| 15 | 0 | 14 | 52 | 56 | 1 | 14 | 40 | 44 | 2 | 14 | 33 | 38 | 3 | 14 | 33 | 38 | 4 | 14 | 40 | 44 | 5 | 14 | 52 | 56 | 15 |
| 16 | 0 | 15 | 52 | 29 | 1 | 15 | 40 | 24 | 2 | 15 | 33 | 30 | 3 | 15 | 33 | 46 | 4 | 15 | 40 | 4 | 5 | 15 | 53 | 24 | 14 |
| 17 | 0 | 16 | 52 | 2 | 1 | 16 | 40 | 4 | 2 | 16 | 33 | 23 | 3 | 16 | 33 | 54 | 4 | 16 | 41 | 25 | 5 | 16 | 53 | 52 | 13 |
| 18 | 0 | 17 | 51 | 34 | 1 | 17 | 39 | 45 | 2 | 17 | 33 | 17 | 3 | 17 | 34 | 2 | 4 | 17 | 41 | 46 | 5 | 17 | 54 | 20 | 12 |
| 19 | 0 | 18 | 51 | 7 | 1 | 18 | 39 | 26 | 2 | 18 | 33 | 11 | 3 | 18 | 34 | 11 | 4 | 18 | 41 | 8 | 5 | 18 | 54 | 48 | 11 |
| 20 | 0 | 19 | 50 | 39 | 1 | 19 | 39 | 7 | 2 | 19 | 33 | 6 | 3 | 19 | 34 | 21 | 4 | 19 | 42 | 30 | 5 | 19 | 55 | 16 | 10 |
| 21 | 0 | 20 | 50 | 12 | 1 | 20 | 38 | 48 | 2 | 20 | 33 | 2 | 3 | 20 | 34 | 31 | 4 | 20 | 42 | 52 | 5 | 20 | 55 | 44 | 9 |
| 22 | 0 | 21 | 49 | 46 | 1 | 21 | 38 | 50 | 2 | 21 | 32 | 58 | 3 | 21 | 34 | 42 | 4 | 21 | 42 | 15 | 5 | 21 | 56 | 12 | 8 |
| 23 | 0 | 22 | 49 | 20 | 1 | 22 | 38 | 12 | 2 | 22 | 32 | 54 | 3 | 22 | 34 | 53 | 4 | 22 | 43 | 38 | 5 | 22 | 56 | 40 | 7 |
| 24 | 0 | 23 | 48 | 54 | 1 | 23 | 37 | 55 | 2 | 23 | 32 | 50 | 3 | 23 | 35 | 40 | 4 | 23 | 43 | 1 | 5 | 23 | 57 | 8 | 6 |
| 25 | 0 | 24 | 48 | 29 | 1 | 24 | 37 | 38 | 2 | 24 | 32 | 48 | 3 | 24 | 35 | 15 | 4 | 24 | 44 | 25 | 5 | 24 | 57 | 36 | 5 |
| 26 | 0 | 25 | 48 | 3 | 1 | 25 | 37 | 21 | 2 | 25 | 32 | 46 | 3 | 25 | 35 | 27 | 4 | 25 | 44 | 49 | 5 | 25 | 58 | 5 | 4 |
| 27 | 0 | 26 | 47 | 38 | 1 | 26 | 37 | 5 | 2 | 26 | 32 | 44 | 3 | 26 | 35 | 40 | 4 | 26 | 44 | 13 | 5 | 26 | 58 | 34 | 3 |
| 28 | 0 | 27 | 47 | 14 | 1 | 27 | 36 | 49 | 2 | 27 | 32 | 43 | 3 | 27 | 35 | 52 | 4 | 27 | 45 | 37 | 5 | 27 | 59 | 2 | 2 |
| 29 | 0 | 28 | 46 | 50 | 1 | 28 | 36 | 34 | 2 | 28 | 32 | 42 | 3 | 28 | 36 | 5 | 4 | 28 | 45 | 1 | 5 | 28 | 59 | 31 | 1 |
| 30 | 0 | 29 | 46 | 25 | 1 | 29 | 36 | 19 | 2 | 29 | 32 | 42 | 3 | 29 | 36 | 19 | 4 | 29 | 46 | 25 | 6 | 0 | 0 | 0 | 0 |
| | XI | | | | X | | | | IX | | | | VIII | | | | VII | | | | VI | | | | |

Signa Anomaliæ simplicis.



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*TABVLA 84. Maximarum Aequationum, seu Parallaxeon Orbis annui Veneris.*

Signa Anomaliæ Veneris Æquatæ Completa.

| | | O | | I | | II | | III | | IV | | V | | VI | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sig. | G. | G. | ′ | G. | ′ | G. | ′ | G. | ′ | G. | ′ | G. | ′ | G. | ′ | G. | Sig. |
| ♈ | 0 | 45 | 48 | 45 | 44 | 45 | 34 | 45 | 20 | 45 | 7 | 44 | 57 | 44 | 53 | 0 | 12 |
| | 3 | | 48 | | 45 | | 34 | | 20 | | 7 | | 57 | | 53 | 27 | |
| | 6 | | 49 | | 45 | | 35 | | 20 | | 7 | | 57 | | 53 | 24 | |
| | 9 | | 49 | | 46 | | 35 | | 21 | | 8 | | 58 | | 54 | 21 | |
| | 12 | | 50 | | 46 | | 36 | | 22 | | 8 | | 58 | | 54 | 18 | |
| | 15 | | 50 | | 47 | | 36 | | 23 | | 9 | | 59 | | 55 | 15 | 11 |
| ♉ | 18 | 45 | 51 | 45 | 48 | 45 | 37 | 45 | 24 | 45 | 10 | 45 | 0 | 44 | 56 | 12 | |
| | 21 | | 52 | | 49 | | 38 | | 25 | | 11 | | 1 | | 57 | 9 | |
| | 24 | | 53 | | 50 | | 39 | | 26 | | 12 | | 2 | | 58 | 6 | |
| | 27 | | 55 | | 51 | | 41 | | 27 | | 13 | | 3 | | 59 | 3 | |
| | 30 | | 57 | | 53 | | 43 | | 29 | | 15 | | 5 | 45 | 1 | 0 | 11 |
| ♊ | 3 | 45 | 58 | 45 | 55 | 45 | 44 | 45 | 30 | 45 | 17 | 45 | 7 | 45 | 3 | 27 | |
| | 6 | 46 | 0 | | 57 | | 46 | | 32 | | 19 | | 8 | | 5 | 24 | |
| | 9 | | 2 | | 59 | | 48 | | 34 | | 21 | | 10 | | 7 | 18 | |
| | 12 | | 4 | 46 | 1 | | 50 | | 36 | | 23 | | 13 | | 9 | 12 | |
| | 15 | | 6 | | 3 | | 52 | | 38 | | 25 | | 15 | | 11 | 15 | 10 |
| ♋ | 18 | 46 | 9 | 46 | 5 | 45 | 55 | 45 | 41 | 45 | 27 | 45 | 17 | 45 | 13 | 12 | |
| | 21 | | 12 | | 8 | | 58 | | 44 | | 29 | | 19 | | 15 | 9 | |
| | 24 | | 14 | | 10 | 46 | 0 | | 46 | | 32 | | 22 | | 18 | 6 | |
| | 27 | | 17 | | 13 | | 2 | | 48 | | 35 | | 24 | | 21 | 3 | |
| | 30 | | 20 | | 16 | | 5 | | 51 | | 38 | | 27 | | 24 | 0 | 10 |
| ♌ | 3 | 46 | 22 | 46 | 18 | 46 | 8 | 45 | 54 | 45 | 41 | 45 | 30 | 45 | 27 | 27 | |
| | 6 | | 25 | | 21 | | 11 | | 57 | | 44 | | 33 | | 30 | 24 | |
| | 9 | | 29 | | 24 | | 14 | 46 | 0 | | 47 | | 36 | | 33 | 21 | |
| | 12 | | 32 | | 28 | | 17 | | 3 | | 50 | | 39 | | 36 | 18 | |
| | 15 | | 35 | | 31 | | 20 | | 6 | | 53 | | 42 | | 39 | 15 | 9 |
| ♍ | 18 | 46 | 38 | 46 | 34 | 46 | 24 | 46 | 10 | 45 | 56 | 45 | 46 | 45 | 42 | 12 | |
| | 21 | | 41 | | 37 | | 27 | | 13 | | 59 | | 49 | | 45 | 9 | |
| | 24 | | 45 | | 41 | | 30 | | 16 | 46 | 3 | | 52 | | 48 | 6 | |
| | 27 | | 48 | | 44 | | 33 | | 19 | | 6 | | 55 | | 51 | 3 | |
| | 30 | | 51 | | 48 | | 37 | | 23 | | 9 | | 59 | | 55 | 0 | 9 |
| ♎ | 3 | 46 | 55 | 46 | 51 | 46 | 40 | 46 | 26 | 46 | 12 | 46 | 2 | 45 | 58 | 27 | |
| | 6 | | 58 | | 54 | | 44 | | 29 | | 16 | | 5 | 46 | 2 | 24 | |
| | 9 | 47 | 2 | | 58 | | 47 | | 33 | | 19 | | 8 | | 5 | 21 | |
| | 12 | | 5 | 47 | 1 | | 51 | | 36 | | 22 | | 12 | | 8 | 18 | |
| | 15 | | 9 | | 5 | | 54 | | 41 | | 26 | | 15 | | 11 | 15 | 8 |
| ♏ | 18 | 47 | 12 | 47 | 8 | 46 | 58 | 46 | 44 | 46 | 29 | 46 | 18 | 46 | 15 | 12 | |
| | 21 | | 15 | | 11 | 47 | 1 | | 47 | | 32 | | 22 | | 18 | 9 | |
| | 24 | | 19 | | 15 | | 4 | | 50 | | 35 | | 25 | | 21 | 6 | |
| | 27 | | 22 | | 18 | | 8 | | 53 | | 39 | | 28 | | 24 | 3 | |
| | 30 | | 25 | | 21 | | 11 | | 56 | | 42 | | 31 | | 27 | 0 | 8 |
| ♐ | 3 | 47 | 28 | 47 | 24 | 47 | 14 | 46 | 59 | 46 | 43 | 46 | 34 | 46 | 30 | 27 | |
| | 6 | | 35 | | 27 | | 16 | 47 | 2 | | 47 | | 37 | | 33 | 24 | |
| | 9 | | 34 | | 30 | | 19 | | 5 | | 50 | | 40 | | 36 | 21 | |
| | 12 | | 36 | | 32 | | 22 | | 7 | | 53 | | 42 | | 38 | 18 | |
| | 15 | | 39 | | 35 | | 25 | | 10 | | 56 | | 45 | | 41 | 15 | 7 |
| ♐ | 18 | 47 | 41 | 47 | 37 | 47 | 27 | 47 | 12 | 46 | 58 | 46 | 47 | 46 | 43 | 12 | |
| | 21 | | 44 | | 40 | | 29 | | 14 | 47 | 0 | | 49 | | 46 | 9 | |
| | 24 | | 46 | | 42 | | 31 | | 16 | | 2 | | 51 | | 48 | 6 | |
| | 27 | | 48 | | 44 | | 33 | | 18 | | 4 | | 53 | | 50 | 3 | |
| | 30 | | 50 | | 46 | | 35 | | 20 | | 6 | | 55 | | 51 | 0 | 7 |
| ♑ | 3 | 47 | 52 | 47 | 48 | 47 | 37 | 47 | 22 | | 8 | 46 | 57 | 46 | 53 | 27 | |
| | 6 | | 53 | | 49 | | 38 | | 24 | | 9 | | 58 | | 55 | 24 | |
| | 9 | | 55 | | 50 | | 40 | | 25 | | 11 | 47 | 0 | | 56 | 21 | |
| | 12 | | 56 | | 51 | | 41 | | 26 | | 12 | | 1 | | 57 | 18 | |
| | 15 | | 57 | | 52 | | 42 | | 27 | | 13 | | 2 | | 58 | 15 | 6 |
| ♑ | 18 | 47 | 57 | 47 | 53 | 47 | 43 | 47 | 28 | | 14 | 47 | 3 | 46 | 59 | 12 | |
| | 21 | | 58 | | 54 | | 43 | | 29 | | 14 | | 3 | 47 | 0 | 9 | |
| | 24 | | 58 | | 55 | | 44 | | 29 | | 15 | | 3 | | 0 | 6 | |
| | 27 | | 59 | | 55 | | 44 | | 30 | | 15 | | 4 | | 1 | 3 | |
| | 30 | | 59 | | 55 | | 44 | | 30 | | 15 | | 4 | | 1 | 0 | 6 |
| | | XII | | XI | | X | | IX | | VIII | | VII | | VI | | | |

Anomalia Solis Æquata.

Anomalia Solis Æquata.

Anomaliæ Veneris Æquatæ Signa Completa.

*TABVLA 85. Scrupulorum Proportionalium Latitudinis Veneris.*

Signa Completa Anomaliæ Solis Æquatæ.

| | | O | | I | | II | | III | | IV | | V | | VI | | Scrup. decr. | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sig. | G. | G. | ′ | G. | ′ | G. | ′ | G. | ′ | G. | ′ | G. | ′ | G. | ′ | G. | ′ | G. | Sig. |
| 0 | 0 | 8 | 38 | 8 | 39 | 8 | 40 | 8 | 42 | 8 | 45 | 8 | 47 | 8 | 48 | Scrupula proportionalia Decrementi in ☌ retrograda. | | 0 | 12 |
| | 12 | 8 | 42 | 8 | 42 | 8 | 44 | 8 | 45 | 8 | 48 | 8 | 49 | 8 | 50 | | | 18 | |
| | 24 | 8 | 49 | 8 | 49 | 8 | 51 | 8 | 52 | 8 | 54 | 8 | 56 | 8 | 56 | | | 6 | 11 |
| 1 | 6 | 9 | 4 | 9 | 4 | 9 | 6 | 9 | 7 | 9 | 9 | 9 | 11 | 9 | 12 | | | 24 | |
| | 18 | 9 | 26 | 9 | 26 | 9 | 28 | 9 | 29 | 9 | 31 | 9 | 33 | 9 | 34 | | | 12 | |
| | 30 | 9 | 56 | 9 | 57 | 9 | 58 | 10 | 0 | 10 | 2 | 10 | 4 | 10 | 5 | | | 0 | 10 |
| 2 | 6 | 10 | 14 | 10 | 15 | 10 | 16 | 10 | 18 | 10 | 20 | 10 | 22 | 20 | 23 | | | 24 | |
| | 12 | 10 | 36 | 10 | 37 | 10 | 38 | 10 | 40 | 10 | 42 | 10 | 44 | 10 | 45 | | | 18 | |
| | 18 | 11 | 1 | 11 | 2 | 11 | 3 | 11 | 5 | 11 | 8 | 11 | 10 | 11 | 11 | | | 12 | |
| | 24 | 11 | 28 | 11 | 29 | 11 | 30 | 11 | 33 | 11 | 36 | 11 | 38 | 11 | 39 | | | 6 | |
| | 30 | 12 | 3 | 12 | 4 | 12 | 5 | 12 | 8 | 12 | 11 | 12 | 14 | 12 | 15 | | | 0 | 9 |
| 3 | 6 | 12 | 39 | 12 | 40 | 12 | 43 | 12 | 46 | 12 | 50 | 12 | 53 | 12 | 54 | | | 24 | |
| | 12 | 13 | 27 | 13 | 29 | 13 | 31 | 13 | 34 | 13 | 37 | 13 | 40 | 13 | 41 | | | 18 | |
| | 18 | 14 | 20 | 14 | 21 | 14 | 24 | 14 | 27 | 14 | 32 | 14 | 35 | 14 | 36 | 0 | 1 | 12 | |
| | 24 | 15 | 22 | 15 | 23 | 15 | 26 | 15 | 30 | 15 | 35 | 15 | 38 | 15 | 40 | 0 | 41 | 6 | |
| | 30 | 16 | 36 | 16 | 38 | 16 | 41 | 16 | 46 | 16 | 52 | 16 | 56 | 16 | 58 | 2 | 30 | 0 | 8 |
| 4 | 3 | 17 | 19 | 17 | 21 | 17 | 24 | 17 | 30 | 17 | 36 | 17 | 40 | 17 | 42 | 3 | 34 | 27 | |
| | 6 | 18 | 5 | 18 | 7 | 18 | 10 | 18 | 16 | 18 | 22 | 18 | 27 | 18 | 29 | 4 | 40 | 24 | |
| | 9 | 18 | 56 | 18 | 59 | 19 | 3 | 19 | 9 | 19 | 17 | 19 | 22 | 19 | 24 | 5 | 57 | 21 | |
| | 12 | 19 | 54 | 19 | 56 | 20 | 2 | 20 | 8 | 20 | 16 | 20 | 22 | 20 | 24 | 7 | 23 | 18 | |
| | 15 | 20 | 58 | 21 | 1 | 21 | 6 | 21 | 15 | 21 | 24 | 21 | 31 | 21 | 34 | 9 | 1 | 15 | 9 |
| 4 | 18 | 22 | 8 | 22 | 11 | 22 | 17 | 22 | 27 | 22 | 37 | 22 | 45 | 22 | 48 | 10 | 48 | 12 | |
| | 21 | 23 | 25 | 23 | 29 | 23 | 37 | 23 | 49 | 24 | 2 | 24 | 12 | 24 | 16 | 12 | 48 | 9 | |
| | 24 | 24 | 55 | 25 | 0 | 25 | 10 | 25 | 23 | 25 | 39 | 25 | 50 | 25 | 54 | 15 | 6 | 6 | |
| | 27 | 26 | 3 | 26 | 41 | 26 | 54 | 27 | 9 | 27 | 29 | 27 | 43 | 27 | 48 | 17 | 41 | 3 | |
| | 30 | 28 | 25 | 28 | 32 | 28 | 46 | 29 | 4 | 29 | 27 | 29 | 44 | 29 | 50 | 20 | 30 | 0 | 7 |
| 5 | 1 | 29 | 3 | 29 | 9 | 29 | 23 | 29 | 43 | 30 | 6 | 30 | 24 | 30 | 30 | 21 | 29 | 29 | |
| | 2 | 29 | 42 | 29 | 48 | 30 | 3 | 30 | 24 | 30 | 48 | 31 | 6 | 31 | 12 | 22 | 28 | 28 | |
| | 3 | 30 | 24 | 30 | 30 | 30 | 46 | 31 | 7 | 31 | 32 | 31 | 49 | 31 | 57 | 23 | 31 | 27 | |
| | 4 | 31 | 10 | 31 | 17 | 31 | 33 | 31 | 55 | 32 | 20 | 32 | 38 | 32 | 45 | 24 | 41 | 26 | |
| | 5 | 31 | 58 | 32 | 5 | 32 | 23 | 32 | 44 | 33 | 11 | 33 | 31 | 33 | 38 | 25 | 53 | 25 | 6 |
| 5 | 6 | 32 | 49 | 32 | 55 | 33 | 12 | 33 | 38 | 34 | 7 | 34 | 28 | 34 | 35 | 26 | 12 | 24 | |
| | 7 | 33 | 40 | 33 | 47 | 34 | 5 | 34 | 32 | 35 | 3 | 35 | 25 | 35 | 33 | 28 | 35 | 23 | |
| | 8 | 34 | 32 | 34 | 40 | 35 | 0 | 35 | 29 | 36 | 2 | 36 | 25 | 36 | 35 | 29 | 58 | 22 | |
| | 9 | 35 | 24 | 35 | 33 | 35 | 54 | 36 | 26 | 37 | 2 | 37 | 28 | 37 | 38 | 31 | 22 | 21 | |
| | 10 | 36 | 19 | 36 | 29 | 36 | 52 | 37 | 26 | 38 | 5 | 38 | 33 | 38 | 43 | 32 | 49 | 20 | 6 |
| 5 | 11 | 37 | 17 | 37 | 29 | 37 | 53 | 38 | 29 | 39 | 9 | 39 | 38 | 39 | 49 | 34 | 20 | 19 | |
| | 12 | 38 | 15 | 38 | 28 | 38 | 54 | 39 | 31 | 40 | 15 | 40 | 47 | 40 | 59 | 36 | 52 | 18 | |
| | 13 | 39 | 16 | 39 | 30 | 39 | 57 | 40 | 35 | 41 | 22 | 41 | 56 | 42 | 9 | 37 | 27 | 17 | |
| | 14 | 40 | 17 | 40 | 32 | 41 | 2 | 41 | 45 | 42 | 34 | 43 | 10 | 43 | 23 | 39 | 4 | 16 | |
| | 15 | 41 | 19 | 41 | 35 | 42 | 8 | 42 | 54 | 43 | 47 | 44 | 24 | 44 | 40 | 40 | 46 | 15 | 6 |
| 5 | 16 | 42 | 21 | 42 | 34 | 43 | 10 | 44 | 4 | 45 | 2 | 45 | 44 | 46 | 0 | 42 | 30 | 14 | |
| | 17 | 43 | 22 | 43 | 37 | 44 | 16 | 45 | 13 | 46 | 17 | 47 | 4 | 47 | 20 | 44 | 14 | 13 | |
| | 18 | 44 | 24 | 44 | 42 | 45 | 24 | 46 | 24 | 47 | 32 | 48 | 22 | 48 | 40 | 45 | 57 | 12 | |
| | 19 | 45 | 22 | 45 | 43 | 46 | 28 | 47 | 31 | 48 | 44 | 49 | 37 | 49 | 58 | 47 | 37 | 11 | |
| | 20 | 46 | 20 | 46 | 43 | 47 | 31 | 48 | 37 | 49 | 56 | 50 | 53 | 51 | 15 | 49 | 14 | 10 | 6 |
| 5 | 21 | 47 | 17 | 47 | 39 | 48 | 27 | 49 | 44 | 51 | 7 | 52 | 9 | 52 | 31 | 51 | 48 | 9 | |
| | 22 | 48 | 12 | 48 | 32 | 49 | 24 | 50 | 47 | 52 | 15 | 53 | 20 | 53 | 44 | 52 | 21 | 8 | |
| | 23 | 49 | 5 | 49 | 27 | 50 | 22 | 51 | 48 | 53 | 21 | 54 | 28 | 54 | 54 | 53 | 52 | 7 | |
| | 24 | 49 | 59 | 50 | 22 | 51 | 19 | 52 | 48 | 54 | 24 | 55 | 38 | 56 | 1 | 55 | 19 | 6 | |
| | 25 | 50 | 54 | 51 | 15 | 52 | 11 | 53 | 40 | 55 | 17 | 56 | 28 | 56 | 55 | 56 | 37 | 5 | 6 |
| 5 | 26 | 51 | 13 | 51 | 38 | 52 | 44 | 54 | 15 | 56 | 0 | 57 | 16 | 57 | 45 | 57 | 23 | 4 | |
| | 27 | 51 | 41 | 52 | 7 | 53 | 16 | 54 | 51 | 56 | 40 | 58 | 0 | 58 | 30 | 58 | 16 | 3 | |
| | 28 | 52 | 9 | 52 | 35 | 53 | 46 | 55 | 27 | 57 | 21 | 58 | 43 | 59 | 16 | 59 | 9 | 2 | |
| | 29 | 52 | 22 | 52 | 49 | 54 | 2 | 55 | 46 | 57 | 41 | 59 | 4 | 59 | 40 | 59 | 38 | 1 | |
| 6 | 0 | 52 | 33 | 53 | 0 | 54 | 14 | 56 | 1 | 57 | 55 | 59 | 24 | 60 | 0 | 60 | 0 | 0 | 6 |
| | | XII | | XI | | X | | IX | | VIII | | VII | | VI | | | | | |

Signa Completa Anomaliæ Solis Æquatæ.

Anomalia Orbis Veneris.

Anomalia Orbis Veneris.

LATI-

*TABVLA 86. Scrupulorum Proportionalium Decrementi Latitudinis Veneris.*

| Anomal. Æq. ♀ Sig. | G. | Signa Completa Anomaliæ Solis Æquatæ. O G. | O ′ | I G. | I ′ | II G. | II ′ | III G. | III ′ | IV G. | IV ′ | V G. | V ′ | VI G. | VI ′ | Anomal. Æq. ♀ G. | Sig. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ♈ | 0 | ♈ | 0 | 0 | 0 | ♈ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 |
| | 6 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | 24 | |
| | 12 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | 18 | |
| | 18 | | 4 | | 4 | | 4 | | 4 | | 5 | | 5 | | 5 | 12 | |
| | 24 | | 7 | | 7 | | 7 | | 8 | | 8 | | 8 | | 8 | 6 | |
| | 30 | | 11 | | 11 | | 11 | | 12 | | 12 | | 13 | | 13 | 0 | 11 |
| 1 | 6 | 0 | 15 | 0 | 15 | 0 | 15 | 0 | 16 | 0 | 17 | 0 | 17 | 0 | 18 | 24 | |
| | 12 | | 20 | | 20 | | 21 | | 22 | | 23 | | 23 | | 24 | 18 | |
| | 18 | | 26 | | 26 | | 27 | | 29 | | 30 | | 30 | | 31 | 12 | |
| | 24 | | 33 | | 33 | | 34 | | 36 | | 37 | | 38 | | 39 | 6 | |
| | 30 | | 40 | | 40 | | 42 | | 44 | | 46 | | 47 | | 48 | 0 | 10 |
| 2 | 6 | 0 | 48 | 0 | 48 | 0 | 50 | 0 | 53 | 0 | 55 | 0 | 56 | 0 | 57 | 24 | |
| | 12 | | 56 | | 56 | | 58 | 1 | 1 | 1 | 4 | 1 | 6 | 1 | 7 | 18 | |
| | 18 | 1 | 4 | 1 | 4 | 1 | 6 | | 10 | | 14 | | 16 | | 17 | 12 | |
| | 24 | | 12 | | 12 | | 15 | | 19 | | 23 | | 26 | | 27 | 6 | |
| | 30 | | 20 | | 21 | | 24 | | 28 | | 33 | | 36 | | 37 | 0 | 9 |
| 3 | 6 | 1 | 28 | 1 | 30 | 1 | 33 | 1 | 38 | 1 | 43 | 1 | 46 | 1 | 47 | 24 | |
| | 12 | | 36 | | 38 | | 42 | | 47 | | 52 | | 56 | | 57 | 18 | |
| | 18 | | 44 | | 46 | | 50 | | 56 | 2 | 1 | 2 | 6 | 2 | 7 | 12 | |
| | 24 | | 52 | | 54 | | 58 | 2 | 4 | | 10 | | 16 | | 17 | 6 | |
| | 30 | 2 | 0 | 2 | 2 | 2 | 6 | | 13 | | 19 | | 25 | | 26 | 0 | 8 |
| 4 | 6 | 2 | 7 | 2 | 9 | 2 | 14 | 2 | 21 | 2 | 28 | 2 | 34 | 2 | 35 | 24 | |
| | 12 | | 14 | | 16 | | 21 | | 28 | | 35 | | 42 | | 41 | 18 | |
| | 18 | | 20 | | 22 | | 27 | | 35 | | 42 | | 49 | | 50 | 12 | |
| | 24 | | 25 | | 27 | | 33 | | 41 | | 48 | | 55 | | 56 | 6 | |
| | 30 | | 29 | | 31 | | 37 | | 45 | | 53 | | 59 | 3 | 1 | 0 | 7 |
| 5 | 6 | 2 | 33 | 2 | 35 | 2 | 41 | 2 | 49 | 2 | 57 | 3 | 4 | 3 | 6 | 24 | |
| | 12 | | 36 | | 38 | | 44 | | 53 | 3 | 0 | | 7 | | 9 | 18 | |
| | 18 | | 38 | | 40 | | 46 | | 55 | | 3 | | 10 | | 12 | 12 | |
| | 24 | | 39 | | 41 | | 47 | | 56 | | 4 | | 11 | | 13 | 6 | |
| | 30 | | 40 | | 42 | | 48 | | 57 | | 5 | | 12 | | 14 | 0 | 6 |
| | | XII | | XI | | X | | IX | | VIII | | VII | | VI | | | |

Signa Completa Anomaliæ Solis Æquatæ.

*TABVLA 87. Latitudinis, Reductionis, & Curtationis Veneris.*

Signa Distantiæ Veneris à Nodo Boreali.

| Dist. à ☊ Gr. | O Boreal. VI Austral. Latitudo. G. | ′ | Reductio. ′ | ″ | Curtatio. ′ | ″ | I Boreal. VII Austral. Latitudo. G. | ′ | Reductio. ′ | ″ | Curtatio. ′ | ″ | II Boreal. VIII Austral. Latitudo. G. | ′ | Reductio. ′ | ″ | Curtatio. ′ | ″ | Dist. ☊ Gr. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 6 | 2 | 35 | 2 | 58 | 8 | 50 | 2 | 35 | 5 | 8 | 30 |
| 1 | 0 | 10 | 0 | 7 | 0 | 6 | 5 | 15 | 2 | 38 | 3 | 4 | 8 | 56 | 2 | 32 | 5 | 11 | 29 |
| 2 | 0 | 21 | 0 | 13 | 0 | 12 | 5 | 24 | 2 | 42 | 3 | 9 | 9 | 1 | 2 | 28 | 5 | 14 | 28 |
| 3 | 0 | 32 | 0 | 19 | 0 | 19 | 5 | 33 | 2 | 45 | 3 | 13 | 9 | 6 | 2 | 25 | 5 | 17 | 27 |
| 4 | 0 | 43 | 0 | 26 | 0 | 25 | 5 | 42 | 2 | 47 | 3 | 17 | 9 | 10 | 2 | 21 | 5 | 20 | 26 |
| 5 | 0 | 53 | 0 | 32 | 0 | 32 | 5 | 51 | 2 | 50 | 3 | 23 | 9 | 15 | 2 | 16 | 5 | 23 | 25 |
| 6 | 1 | 4 | 0 | 38 | 0 | 38 | 6 | 0 | 2 | 52 | 3 | 29 | 9 | 19 | 2 | 12 | 5 | 25 | 24 |
| 7 | 1 | 14 | 0 | 45 | 0 | 44 | 6 | 8 | 2 | 54 | 3 | 34 | 9 | 23 | 2 | 8 | 5 | 28 | 23 |
| 8 | 1 | 25 | 0 | 51 | 0 | 50 | 6 | 16 | 2 | 55 | 3 | 39 | 9 | 27 | 2 | 3 | 5 | 30 | 22 |
| 9 | 1 | 35 | 0 | 57 | 0 | 56 | 6 | 25 | 2 | 56 | 3 | 44 | 9 | 31 | 1 | 59 | 5 | 33 | 21 |
| 10 | 1 | 46 | 1 | 2 | 1 | 2 | 6 | 34 | 2 | 56 | 3 | 49 | 9 | 35 | 1 | 54 | 5 | 35 | 20 |
| 11 | 1 | 56 | 1 | 8 | 1 | 8 | 6 | 42 | 2 | 57 | 3 | 54 | 9 | 39 | 1 | 50 | 5 | 37 | 19 |
| 12 | 2 | 7 | 1 | 13 | 1 | 14 | 6 | 49 | 2 | 58 | 3 | 58 | 9 | 42 | 1 | 45 | 5 | 38 | 18 |
| 13 | 2 | 18 | 1 | 18 | 1 | 21 | 6 | 57 | 2 | 58 | 4 | 3 | 9 | 46 | 1 | 40 | 5 | 40 | 17 |
| 14 | 2 | 28 | 1 | 24 | 1 | 27 | 7 | 5 | 2 | 59 | 4 | 7 | 9 | 49 | 1 | 34 | 5 | 42 | 16 |
| 15 | 2 | 38 | 1 | 29 | 1 | 33 | 7 | 13 | 2 | 59 | 4 | 12 | 9 | 52 | 1 | 29 | 5 | 44 | 15 |
| 16 | 2 | 48 | 1 | 34 | 1 | 38 | 7 | 21 | 2 | 59 | 4 | 16 | 9 | 54 | 1 | 24 | 5 | 45 | 14 |
| 17 | 2 | 59 | 1 | 40 | 1 | 44 | 7 | 28 | 2 | 58 | 4 | 21 | 9 | 57 | 1 | 18 | 5 | 47 | 13 |
| 18 | 3 | 9 | 1 | 45 | 1 | 50 | 7 | 35 | 2 | 58 | 4 | 25 | 9 | 59 | 1 | 13 | 5 | 48 | 12 |
| 19 | 3 | 19 | 1 | 50 | 1 | 56 | 7 | 42 | 2 | 57 | 4 | 29 | 10 | 1 | 1 | 8 | 5 | 49 | 11 |
| 20 | 3 | 29 | 1 | 54 | 2 | 2 | 7 | 49 | 2 | 56 | 4 | 33 | 10 | 3 | 1 | 2 | 5 | 50 | 10 |
| 21 | 3 | 39 | 1 | 59 | 2 | 8 | 7 | 56 | 2 | 56 | 4 | 37 | 10 | 5 | 0 | 57 | 5 | 51 | 9 |
| 22 | 3 | 49 | 2 | 3 | 2 | 13 | 8 | 2 | 2 | 55 | 4 | 40 | 10 | 6 | 0 | 51 | 5 | 52 | 8 |
| 23 | 3 | 59 | 2 | 8 | 2 | 19 | 8 | 9 | 2 | 54 | 4 | 44 | 10 | 7 | 0 | 45 | 5 | 53 | 7 |
| 24 | 4 | 4 | 2 | 12 | 2 | 25 | 8 | 15 | 2 | 52 | 4 | 48 | 10 | 8 | 0 | 38 | 5 | 54 | 6 |
| 25 | 4 | 19 | 2 | 16 | 2 | 31 | 8 | 21 | 2 | 50 | 4 | 52 | 10 | 9 | 0 | 32 | 5 | 54 | 5 |
| 26 | 4 | 28 | 2 | 21 | 2 | 36 | 8 | 27 | 2 | 47 | 4 | 55 | 10 | 10 | 0 | 26 | 5 | 55 | 4 |
| 27 | 4 | 38 | 2 | 25 | 2 | 42 | 8 | 33 | 2 | 45 | 4 | 58 | 10 | 11 | 0 | 19 | 5 | 56 | 3 |
| 28 | 4 | 48 | 2 | 28 | 2 | 47 | 8 | 39 | 2 | 42 | 5 | 1 | 10 | 11 | 0 | 13 | 5 | 56 | 2 |
| 29 | 4 | 57 | 2 | 32 | 2 | 53 | 8 | 45 | 2 | 38 | 5 | 5 | 10 | 12 | 0 | 7 | 5 | 56 | 1 |
| 30 | 5 | 6 | 2 | 35 | 2 | 58 | 8 | 50 | 2 | 35 | 5 | 8 | 10 | 12 | 0 | 0 | 5 | 56 | 0 |
| | V Boreal. XI Austral. | | | | | | IV Boreal. X Austral. | | | | | | III Boreal. IX Austral. | | | | | | |

Signa Distantiæ Veneris à Nodo Boreali.

MO-

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## TABVLA 88. MEDIORVM MOTVVM MERCVRII ☿.

### EPOCHÆ, seu RADICES MOTVVM.

| Anni Cõpleti ante Christũ | Longit. ab ♈ Sig. | G. | I | II | Apogæi. Sig. | G. | I | II | Nodi Bor. Sig. | G. | I | II |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6000 | 5 | 18 | 27 | 55 | 1 | 1 | 37 | 30 | 6 | 20 | 43 | 30 |
| 5000 | 6 | 12 | 23 | 13 | 2 | 0 | 34 | 23 | 7 | 17 | 16 | 33 |
| 4000 | 7 | 6 | 18 | 31 | 2 | 29 | 31 | 16 | 8 | 13 | 49 | 36 |
| 3000 | 8 | 0 | 13 | 49 | 3 | 28 | 28 | 9 | 9 | 10 | 22 | 39 |
| 2000 | 8 | 24 | 9 | 7 | 4 | 27 | 25 | 3 | 10 | 6 | 55 | 43 |
| 1000 | 9 | 18 | 4 | 24 | 5 | 26 | 21 | 58 | 11 | 3 | 28 | 47 |
| 900 | 0 | 2 | 27 | 56 | 5 | 29 | 15 | 39 | 11 | 6 | 8 | 5 |
| 800 | 2 | 16 | 51 | 28 | 6 | 2 | 9 | 20 | 11 | 8 | 47 | 23 |
| 700 | 5 | 1 | 15 | 0 | 6 | 5 | 3 | 2 | 11 | 11 | 26 | 41 |
| 600 | 7 | 15 | 38 | 32 | 6 | 7 | 56 | 42 | 11 | 14 | 6 | 0 |
| 500 | 10 | 0 | 2 | 4 | 6 | 10 | 50 | 20 | 11 | 16 | 45 | 18 |
| 400 | 0 | 14 | 25 | 36 | 6 | 13 | 44 | 0 | 11 | 19 | 24 | 36 |
| 300 | 2 | 28 | 49 | 8 | 6 | 16 | 38 | 0 | 11 | 22 | 3 | 54 |
| 200 | 5 | 13 | 12 | 40 | 6 | 19 | 31 | 40 | 11 | 24 | 43 | 13 |
| 100 | 7 | 27 | 36 | 10 | 6 | 22 | 25 | 18 | 11 | 27 | 22 | 32 |
| Christi | 10 | 11 | 59 | 40 | 6 | 25 | 18 | 48 | 0 | 0 | 1 | 50 |
| 100 | 0 | 26 | 23 | 12 | 6 | 28 | 12 | 29 | 0 | 2 | 41 | 8 |
| 200 | 3 | 10 | 46 | 44 | 7 | 1 | 6 | 10 | 0 | 5 | 20 | 26 |
| 300 | 5 | 25 | 10 | 16 | 7 | 3 | 59 | 50 | 0 | 7 | 59 | 44 |
| 400 | 8 | 9 | 33 | 48 | 7 | 6 | 53 | 31 | 0 | 10 | 39 | 2 |
| 500 | 10 | 23 | 57 | 19 | 7 | 9 | 47 | 12 | 0 | 13 | 18 | 21 |
| 600 | 1 | 8 | 20 | 51 | 7 | 12 | 40 | 32 | 0 | 15 | 57 | 39 |
| 700 | 3 | 22 | 44 | 23 | 7 | 15 | 34 | 13 | 0 | 18 | 36 | 57 |
| 800 | 6 | 7 | 7 | 55 | 7 | 18 | 27 | 54 | 0 | 21 | 16 | 15 |
| 900 | 8 | 21 | 31 | 27 | 7 | 21 | 21 | 34 | 0 | 23 | 55 | 33 |
| 1000 | 11 | 5 | 54 | 58 | 7 | 24 | 15 | 15 | 0 | 26 | 34 | 52 |
| 1100 | 1 | 20 | 18 | 30 | 7 | 27 | 8 | 56 | 0 | 29 | 14 | 10 |
| 1200 | 4 | 4 | 42 | 2 | 8 | 0 | 2 | 37 | 1 | 1 | 53 | 28 |
| St. veteri. 1300 | 6 | 19 | 5 | 34 | 8 | 2 | 56 | 18 | 1 | 4 | 32 | 46 |
| 1400 | 9 | 3 | 29 | 6 | 8 | 5 | 49 | 58 | 1 | 7 | 12 | 4 |
| 1500 | 11 | 17 | 52 | 38 | 8 | 8 | 43 | 39 | 1 | 9 | 51 | 23 |
| 1600 | 2 | 2 | 16 | 10 | 8 | 11 | 37 | 20 | 1 | 12 | 30 | 41 |
| St. nouo. 1600 | 0 | 20 | 50 | 44 | 8 | 11 | 37 | 17 | 1 | 12 | 30 | 40 |
| 1700 | 3 | 1 | 8 | 44 | 8 | 14 | 30 | 58 | 1 | 15 | 9 | 59 |
| 1800 | 5 | 11 | 26 | 44 | 8 | 17 | 24 | 39 | 1 | 17 | 49 | 18 |
| 1900 | 7 | 22 | 14 | 44 | 8 | 20 | 18 | 20 | 1 | 20 | 28 | 35 |
| 2000 | 10 | 6 | 38 | 16 | 8 | 23 | 12 | 0 | 1 | 23 | 7 | 56 |
| 2100 | 0 | 16 | 56 | 16 | 8 | 26 | 5 | 41 | 1 | 25 | 47 | 8 |
| 2200 | 2 | 27 | 14 | 15 | 8 | 28 | 59 | 22 | 1 | 28 | 26 | 26 |
| 2300 | 5 | 7 | 32 | 15 | 9 | 1 | 53 | 2 | 2 | 1 | 5 | 45 |

### ANNI IVLIANI EXPANSI, & COLLECTI.

| Motus Anni | Longit. ab ♈ Sig. | G. | I | II | Apogæi. I | II | Nodi Bor. I | II |
|---|---|---|---|---|---|---|---|---|
| 1 | 1 | 23 | 43 | 15 | 1 | 44 | 1 | 36 |
| 2 | 3 | 17 | 26 | 30 | 3 | 28 | 3 | 11 |
| 3 | 5 | 11 | 9 | 45 | 5 | 12 | 4 | 47 |
| B. 4 | 7 | 8 | 58 | 32 | 6 | 57 | 6 | 22 |
| 5 | 9 | 2 | 41 | 47 | 8 | 41 | 7 | 58 |
| 6 | 10 | 26 | 25 | 2 | 10 | 25 | 9 | 33 |
| 7 | 0 | 20 | 8 | 17 | 12 | 9 | 11 | 9 |
| B. 8 | 2 | 17 | 57 | 5 | 13 | 54 | 12 | 45 |
| 9 | 4 | 11 | 40 | 20 | 15 | 38 | 14 | 20 |
| 10 | 6 | 5 | 23 | 35 | 17 | 22 | 15 | 56 |
| 11 | 7 | 29 | 6 | 50 | 19 | 6 | 17 | 31 |
| B. 12 | 9 | 26 | 55 | 37 | 20 | 51 | 19 | 7 |
| 13 | 11 | 20 | 38 | 52 | 22 | 35 | 20 | 43 |
| 14 | 1 | 14 | 22 | 7 | 24 | 19 | 22 | 18 |
| 15 | 3 | 8 | 5 | 22 | 26 | 3 | 23 | 54 |
| B. 16 | 5 | 5 | 54 | 10 | 27 | 48 | 25 | 29 |
| 17 | 6 | 29 | 37 | 25 | 29 | 32 | 27 | 5 |
| 18 | 8 | 23 | 20 | 40 | 31 | 16 | 28 | 40 |
| 19 | 10 | 17 | 3 | 55 | 33 | 0 | 30 | 16 |
| B. 20 | 0 | 14 | 52 | 42 | 34 | 44 | 31 | 52 |

Radices affixæ sunt Meridiano Bononiensi, in meridie vltimo Decembris præcedentis. Anni sunt Completi, siue numeres sursum ante Christum, siue deorsum post Christum.

### ANNI IVLIANI COLLECTI.

| Motus Anni | Long. ab ♈ Sig. | G. | I | II | Apogei. Sig. | G. | I | II | Nodi Bor. Sig. | G. | I | II |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 40 | 0 | 29 | 45 | 25 | 0 | 1 | 9 | 28 | 0 | 1 | 3 | 43 |
| 60 | 1 | 14 | 38 | 7 | 0 | 1 | 44 | 12 | 0 | 1 | 35 | 35 |
| 80 | 1 | 29 | 30 | 50 | 0 | 2 | 18 | 58 | 0 | 2 | 7 | 27 |
| 100 | 2 | 14 | 23 | 32 | 0 | 2 | 53 | 41 | 0 | 2 | 39 | 18 |
| 200 | 4 | 28 | 47 | 4 | 0 | 5 | 47 | 23 | 0 | 5 | 18 | 37 |
| 300 | 7 | 13 | 10 | 36 | 0 | 8 | 41 | 4 | 0 | 7 | 57 | 55 |
| 400 | 9 | 27 | 34 | 7 | 0 | 11 | 34 | 45 | 0 | 10 | 37 | 13 |
| 500 | 0 | 11 | 57 | 39 | 0 | 14 | 28 | 26 | 0 | 13 | 16 | 32 |
| 600 | 2 | 26 | 21 | 11 | 0 | 17 | 22 | 8 | 0 | 15 | 55 | 50 |
| 700 | 5 | 10 | 44 | 43 | 0 | 20 | 15 | 49 | 0 | 18 | 35 | 8 |
| 800 | 7 | 25 | 8 | 14 | 0 | 23 | 9 | 30 | 0 | 21 | 14 | 27 |
| 900 | 10 | 9 | 31 | 46 | 0 | 26 | 3 | 12 | 0 | 23 | 53 | 45 |
| 1000 | 0 | 23 | 55 | 18 | 0 | 28 | 56 | 53 | 0 | 26 | 33 | 3 |
| 2000 | 1 | 17 | 50 | 35 | 1 | 27 | 53 | 46 | 1 | 23 | 6 | 7 |
| 3000 | 2 | 11 | 45 | 53 | 2 | 26 | 50 | 39 | 2 | 19 | 39 | 10 |
| 4000 | 3 | 5 | 41 | 10 | 3 | 25 | 47 | 32 | 3 | 16 | 12 | 12 |
| 5000 | 3 | 29 | 36 | 28 | 4 | 24 | 44 | 25 | 4 | 12 | 45 | 17 |
| 6000 | 4 | 23 | 31 | 45 | 5 | 23 | 41 | 18 | 5 | 9 | 18 | 20 |

### MENSES ANNI

| Mot. Mens. | Communis. Long. ab ♈ Sig. | G. | I | II | Bissextilis. Long. ab ♈ Sig. | G. | I | II | Apog. I | II | Nodi B. I | II |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ianuar. | 4 | 6 | 51 | 50 | 4 | 6 | 51 | 50 | 0 | 9 | 0 | 8 |
| Febr. | 8 | 1 | 27 | 3 | 8 | 5 | 32 | 35 | 0 | 17 | 0 | 16 |
| Martij | 0 | 8 | 18 | 53 | 0 | 12 | 24 | 25 | 0 | 26 | 0 | 24 |
| Aprilis | 4 | 11 | 5 | 11 | 4 | 15 | 10 | 43 | 0 | 35 | 0 | 31 |
| Maij | 8 | 17 | 57 | 1 | 8 | 22 | 2 | 33 | 0 | 44 | 0 | 39 |
| Iunij | 0 | 20 | 43 | 19 | 0 | 24 | 48 | 51 | 0 | 52 | 0 | 47 |
| Iulij | 4 | 27 | 35 | 9 | 5 | 1 | 40 | 41 | 1 | 1 | 0 | 55 |
| Augusti | 9 | 4 | 26 | 59 | 9 | 8 | 32 | 31 | 1 | 9 | 1 | 4 |
| Septẽb. | 1 | 7 | 13 | 17 | 1 | 11 | 18 | 49 | 1 | 18 | 1 | 12 |
| Octob. | 5 | 14 | 5 | 7 | 5 | 18 | 10 | 39 | 1 | 27 | 1 | 20 |
| Nouẽb. | 9 | 16 | 51 | 25 | 9 | 20 | 56 | 57 | 1 | 35 | 1 | 27 |
| Decẽb. | 1 | 23 | 43 | 15 | 1 | 27 | 48 | 47 | 1 | 44 | 1 | 36 |

### DIES.

| Mot. Dies | Long. ab ♈ Sig. | G. | I | II | Apog. II |
|---|---|---|---|---|---|
| 1 | 0 | 4 | 5 | 32 | 0 |
| 2 | 0 | 8 | 11 | 5 | 0 |
| 3 | 0 | 12 | 16 | 38 | 1 |
| 4 | 0 | 16 | 22 | 10 | 1 |
| 5 | 0 | 20 | 27 | 43 | 1 |
| 6 | 0 | 24 | 13 | 16 | 2 |
| 7 | 0 | 28 | 38 | 48 | 2 |
| 8 | 1 | 2 | 44 | 21 | 2 |
| 9 | 1 | 6 | 49 | 53 | 3 |
| 10 | 1 | 10 | 55 | 26 | 3 |
| 11 | 1 | 15 | 0 | 58 | 3 |
| 12 | 1 | 19 | 6 | 31 | 4 |
| 13 | 1 | 23 | 12 | 4 | 4 |
| 14 | 1 | 27 | 17 | 36 | 4 |
| 15 | 2 | 1 | 23 | 9 | 5 |
| 16 | 2 | 5 | 28 | 41 | 5 |
| 17 | 2 | 9 | 34 | 14 | 5 |
| 18 | 2 | 13 | 39 | 47 | 6 |
| 19 | 2 | 17 | 45 | 19 | 6 |
| 20 | 2 | 21 | 50 | 52 | 6 |
| 21 | 2 | 25 | 56 | 24 | 7 |
| 22 | 3 | 0 | 1 | 57 | 7 |
| 23 | 3 | 4 | 7 | 30 | 7 |
| 24 | 3 | 8 | 13 | 2 | 8 |
| 25 | 3 | 12 | 18 | 35 | 8 |
| 26 | 3 | 16 | 24 | 7 | 8 |
| 27 | 3 | 20 | 29 | 40 | 8 |
| 28 | 3 | 24 | 35 | 13 | 9 |
| 29 | 3 | 28 | 40 | 45 | 9 |
| 30 | 4 | 2 | 46 | 18 | 9 |
| 31 | 4 | 6 | 51 | 50 | 9 |
| 32 | 4 | 10 | 56 | 27 | 10 |

### HORÆ.

| Mot. Horæ | Long. ab ♈ G. | I. | II |
|---|---|---|---|
| 1 | 0 | 10 | 14 |
| 2 | 0 | 20 | 28 |
| 3 | 0 | 30 | 42 |
| 4 | 0 | 40 | 56 |
| 5 | 0 | 51 | 9 |
| 6 | 1 | 1 | 23 |
| 7 | 1 | 11 | 37 |
| 8 | 1 | 21 | 51 |
| 9 | 1 | 32 | 5 |
| 10 | 1 | 42 | 19 |
| 11 | 1 | 52 | 32 |
| 12 | 2 | 2 | 46 |
| 13 | 2 | 13 | 0 |
| 14 | 2 | 23 | 14 |
| 15 | 2 | 33 | 28 |
| 16 | 2 | 43 | 41 |
| 17 | 2 | 53 | 55 |
| 18 | 3 | 4 | 9 |
| 19 | 3 | 14 | 23 |
| 20 | 3 | 24 | 37 |
| 21 | 3 | 34 | 51 |
| 22 | 3 | 45 | 4 |
| 23 | 3 | 55 | 18 |
| 24 | 4 | 5 | 32 |
| 25 | 4 | 10 | 46 |
| 26 | 4 | 16 | 0 |
| 27 | 4 | 21 | 14 |
| 28 | 4 | 26 | 27 |
| 29 | 4 | 31 | 41 |
| 30 | 4 | 36 | 55 |
| 40 | 6 | 19 | 14 |
| 60 | 9 | 13 | 50 |

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# ÆQVATIONES MERCVRII.

## TABVLA 89. *Aequationum Prima Inaqualitatis Mercurij.*

| Anom. simpl. | Signa Anomaliæ simplicis Excentrici Mercurij. | | | | | | | | | | | | | | | | | | Anom. simpl. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | O Subtr. | | | I Subtr. | | | II Subtr. | | | III Subtr. | | | IV Subtr. | | | V Subtr. | | | |
| Gr. | G. | I | II | G. | I | II | G. | I | II | G. | I | II | G. | I | II | G. | I | II | Gr. |
| 0 | 0 | 0 | 0 | 9 | 24 | 2 | 17 | 50 | 18 | 23 | 27 | 14 | 23 | 16 | 17 | 14 | 55 | 0 | 30 |
| 1 | 0 | 19 | 18 | 9 | 42 | 11 | 18 | 5 | 10 | 23 | 33 | 32 | 23 | 7 | 50 | 14 | 30 | 33 | 29 |
| 2 | 0 | 38 | 5 | 10 | 0 | 16 | 18 | 19 | 47 | 23 | 39 | 29 | 22 | 59 | 0 | 14 | 4 | 27 | 28 |
| 3 | 0 | 57 | 7 | 10 | 18 | 27 | 18 | 34 | 11 | 23 | 44 | 59 | 22 | 49 | 24 | 13 | 38 | 31 | 27 |
| 4 | 1 | 16 | 20 | 10 | 36 | 33 | 18 | 48 | 17 | 23 | 50 | 9 | 22 | 39 | 6 | 13 | 12 | 2 | 26 |
| 5 | 1 | 35 | 14 | 10 | 54 | 29 | 19 | 2 | 19 | 23 | 54 | 52 | 22 | 28 | 18 | 12 | 45 | 14 | 25 |
| 6 | 1 | 54 | 14 | 11 | 12 | 10 | 19 | 16 | 9 | 23 | 59 | 2 | 22 | 16 | 55 | 12 | 18 | 17 | 24 |
| 7 | 2 | 13 | 17 | 11 | 30 | 0 | 19 | 29 | 44 | 24 | 2 | 48 | 22 | 5 | 2 | 11 | 50 | 39 | 23 |
| 8 | 2 | 32 | 19 | 11 | 47 | 40 | 19 | 43 | 2 | 24 | 6 | 15 | 21 | 52 | 33 | 11 | 22 | 39 | 22 |
| 9 | 2 | 51 | 16 | 12 | 5 | 20 | 19 | 56 | 10 | 24 | 9 | 19 | 21 | 39 | 33 | 10 | 54 | 20 | 21 |
| 10 | 3 | 10 | 20 | 12 | 22 | 58 | 20 | 9 | 3 | 24 | 11 | 52 | 21 | 25 | 44 | 10 | 25 | 39 | 20 |
| 11 | 3 | 29 | 18 | 12 | 40 | 51 | 20 | 21 | 43 | 24 | 13 | 49 | 21 | 11 | 19 | 9 | 56 | 36 | 19 |
| 12 | 3 | 48 | 4 | 12 | 58 | 7 | 20 | 34 | 8 | 24 | 15 | 18 | 20 | 56 | 29 | 9 | 27 | 12 | 18 |
| 13 | 4 | 7 | 12 | 13 | 15 | 22 | 20 | 46 | 19 | 24 | 16 | 21 | 20 | 41 | 2 | 8 | 57 | 25 | 17 |
| 14 | 4 | 26 | 12 | 13 | 32 | 20 | 20 | 58 | 14 | 24 | 17 | 1 | 20 | 25 | 10 | 8 | 27 | 27 | 16 |
| 15 | 4 | 44 | 54 | 13 | 49 | 33 | 21 | 9 | 56 | 24 | 17 | 20 | 20 | 8 | 40 | 7 | 57 | 11 | 15 |
| 16 | 5 | 3 | 51 | 14 | 6 | 31 | 21 | 21 | 12 | 24 | 16 | 42 | 19 | 51 | 39 | 7 | 26 | 49 | 14 |
| 17 | 5 | 22 | 43 | 14 | 23 | 19 | 21 | 32 | 28 | 24 | 16 | 4 | 19 | 33 | 59 | 6 | 55 | 49 | 13 |
| 18 | 5 | 41 | 28 | 14 | 40 | 8 | 21 | 43 | 3 | 24 | 14 | 28 | 19 | 15 | 40 | 6 | 24 | 40 | 12 |
| 19 | 6 | 0 | 19 | 14 | 56 | 46 | 21 | 53 | 40 | 24 | 12 | 34 | 18 | 56 | 53 | 5 | 53 | 23 | 11 |
| 20 | 6 | 19 | 2 | 15 | 13 | 6 | 22 | 3 | 43 | 24 | 10 | 12 | 18 | 37 | 30 | 5 | 21 | 57 | 10 |
| 21 | 6 | 37 | 42 | 15 | 29 | 39 | 22 | 13 | 37 | 24 | 7 | 2 | 18 | 17 | 38 | 4 | 50 | 15 | 9 |
| 22 | 6 | 56 | 21 | 15 | 45 | 57 | 22 | 23 | 11 | 24 | 3 | 34 | 17 | 57 | 8 | 4 | 18 | 23 | 8 |
| 23 | 7 | 15 | 1 | 16 | 1 | 57 | 22 | 52 | 26 | 23 | 59 | 23 | 17 | 36 | 9 | 3 | 46 | 18 | 7 |
| 24 | 7 | 35 | 34 | 16 | 17 | 54 | 22 | 41 | 16 | 23 | 54 | 45 | 17 | 14 | 41 | 3 | 14 | 13 | 6 |
| 25 | 7 | 52 | 13 | 16 | 33 | 47 | 22 | 49 | 45 | 23 | 49 | 57 | 16 | 52 | 36 | 2 | 42 | 5 | 5 |
| 26 | 8 | 10 | 32 | 16 | 49 | 20 | 22 | 58 | 0 | 23 | 44 | 19 | 16 | 30 | 2 | 2 | 9 | 50 | 4 |
| 27 | 8 | 29 | 8 | 17 | 4 | 55 | 23 | 5 | 48 | 23 | 38 | 9 | 16 | 7 | 4 | 1 | 37 | 28 | 3 |
| 28 | 8 | 47 | 36 | 17 | 20 | 10 | 23 | 13 | 20 | 23 | 31 | 30 | 15 | 43 | 24 | 1 | 5 | 1 | 2 |
| 29 | 9 | 6 | 0 | 17 | 35 | 18 | 23 | 20 | 29 | 23 | 24 | 5 | 15 | 19 | 23 | 0 | 32 | 33 | 1 |
| 30 | 9 | 24 | 2 | 17 | 50 | 18 | 23 | 27 | 14 | 23 | 16 | 17 | 14 | 55 | 0 | 0 | 0 | 0 | 0 |
| | Adde XI | | | Adde X | | | Adde IX | | | Adde VIII | | | Adde VII | | | Adde VI | | | |

Signa Anomaliæ simplicis Excentrici Mercurij.

## TAB. 90. *Anomalia Aequata Mercurij.*

| Anom. simpl. | Signa Anomaliæ simplicis Mercurij. | | | | | | | | | | | | | | | | | | | | | | | | Anom. simpl. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | O | | | | I | | | | II | | | | III | | | | IV | | | | V | | | | |
| Gr. | Sig. | G. | I | II | Sig. | G. | I | II | Sig. | G. | I | II | Sig. | G. | I | II | Sig. | G. | I | II | Sig. | G. | I | II | G. |
| 0 | 0 | 0 | 0 | 0 | 0 | 23 | 58 | 16 | 1 | 19 | 31 | 4 | 2 | 17 | 52 | 26 | 3 | 19 | 31 | 4 | 4 | 23 | 58 | 16 | 30 |
| 1 | 0 | 0 | 47 | 23 | 0 | 24 | 47 | 20 | 1 | 20 | 24 | 44 | 2 | 18 | 52 | 32 | 3 | 20 | 37 | 35 | 4 | 24 | 9 | 17 | 29 |
| 2 | 0 | 1 | 34 | 47 | 0 | 25 | 36 | 31 | 1 | 21 | 18 | 36 | 2 | 19 | 52 | 52 | 3 | 21 | 44 | 17 | 4 | 26 | 20 | 25 | 28 |
| 3 | 0 | 2 | 22 | 12 | 0 | 26 | 25 | 49 | 1 | 22 | 12 | 41 | 2 | 20 | 53 | 26 | 3 | 22 | 51 | 10 | 4 | 27 | 31 | 40 | 27 |
| 4 | 0 | 3 | 9 | 37 | 0 | 27 | 15 | 14 | 1 | 23 | 6 | 58 | 2 | 21 | 54 | 13 | 3 | 23 | 58 | 14 | 4 | 28 | 43 | 1 | 26 |
| 5 | 0 | 3 | 57 | 3 | 0 | 28 | 4 | 46 | 1 | 24 | 1 | 27 | 2 | 22 | 55 | 13 | 3 | 25 | 5 | 29 | 4 | 29 | 54 | 27 | 25 |
| 6 | 0 | 4 | 44 | 30 | 0 | 28 | 54 | 25 | 1 | 24 | 56 | 8 | 2 | 23 | 56 | 27 | 3 | 26 | 12 | 54 | 5 | 1 | 5 | 56 | 24 |
| 7 | 0 | 5 | 31 | 58 | 0 | 29 | 44 | 12 | 1 | 25 | 51 | 1 | 2 | 24 | 57 | 56 | 3 | 27 | 20 | 29 | 5 | 2 | 17 | 31 | 23 |
| 8 | 0 | 6 | 19 | 28 | 1 | 0 | 34 | 7 | 1 | 26 | 46 | 6 | 2 | 25 | 59 | 35 | 3 | 28 | 28 | 16 | 5 | 3 | 29 | 11 | 22 |
| 9 | 0 | 7 | 7 | 0 | 1 | 1 | 24 | 11 | 1 | 27 | 41 | 23 | 2 | 27 | 1 | 30 | 3 | 29 | 36 | 14 | 5 | 4 | 40 | 56 | 21 |
| 10 | 0 | 7 | 54 | 34 | 1 | 2 | 14 | 23 | 1 | 28 | 36 | 53 | 2 | 28 | 3 | 36 | 4 | 0 | 44 | 24 | 5 | 5 | 52 | 46 | 20 |
| 11 | 0 | 8 | 42 | 10 | 1 | 3 | 4 | 42 | 1 | 29 | 32 | 35 | 2 | 29 | 5 | 57 | 4 | 1 | 52 | 41 | 5 | 7 | 4 | 41 | 19 |
| 12 | 0 | 9 | 29 | 49 | 1 | 3 | 55 | 10 | 2 | 0 | 28 | 30 | 3 | 0 | 8 | 32 | 4 | 3 | 1 | 8 | 5 | 8 | 16 | 40 | 18 |
| 13 | 0 | 10 | 17 | 30 | 1 | 4 | 45 | 47 | 2 | 1 | 24 | 38 | 3 | 1 | 11 | 22 | 4 | 4 | 9 | 45 | 5 | 9 | 28 | 44 | 17 |
| 14 | 0 | 11 | 5 | 14 | 1 | 5 | 36 | 33 | 2 | 2 | 20 | 59 | 3 | 2 | 14 | 22 | 4 | 5 | 18 | 31 | 5 | 10 | 40 | 50 | 16 |
| 15 | 0 | 11 | 53 | 0 | 1 | 6 | 27 | 27 | 2 | 3 | 17 | 34 | 3 | 3 | 17 | 34 | 4 | 6 | 27 | 27 | 5 | 11 | 53 | 0 | 15 |
| 16 | 0 | 12 | 40 | 40 | 1 | 7 | 18 | 31 | 2 | 4 | 14 | 22 | 3 | 4 | 20 | 59 | 4 | 7 | 36 | 33 | 5 | 13 | 5 | 14 | 14 |
| 17 | 0 | 13 | 28 | 44 | 1 | 8 | 9 | 45 | 2 | 5 | 11 | 22 | 3 | 5 | 24 | 38 | 4 | 8 | 45 | 47 | 5 | 14 | 17 | 30 | 13 |
| 18 | 0 | 14 | 16 | 40 | 1 | 9 | 1 | 8 | 2 | 6 | 8 | 37 | 3 | 6 | 28 | 30 | 4 | 9 | 55 | 10 | 5 | 15 | 29 | 49 | 12 |
| 19 | 0 | 15 | 4 | 41 | 1 | 9 | 52 | 41 | 2 | 7 | 5 | 57 | 3 | 7 | 32 | 35 | 4 | 11 | 4 | 42 | 5 | 16 | 42 | 10 | 11 |
| 20 | 0 | 15 | 52 | 46 | 1 | 10 | 44 | 23 | 2 | 8 | 3 | 36 | 3 | 8 | 36 | 53 | 4 | 12 | 14 | 23 | 5 | 17 | 54 | 34 | 10 |
| 21 | 0 | 16 | 40 | 56 | 1 | 11 | 36 | 14 | 2 | 9 | 1 | 30 | 3 | 9 | 41 | 23 | 4 | 13 | 24 | 11 | 5 | 19 | 7 | 6 | 9 |
| 22 | 0 | 17 | 29 | 11 | 1 | 12 | 28 | 16 | 2 | 9 | 59 | 36 | 3 | 10 | 46 | 6 | 4 | 14 | 34 | 7 | 5 | 20 | 19 | 28 | 8 |
| 23 | 0 | 18 | 17 | 31 | 1 | 13 | 20 | 29 | 2 | 10 | 57 | 55 | 3 | 11 | 51 | 1 | 4 | 15 | 44 | 12 | 5 | 21 | 31 | 58 | 7 |
| 24 | 0 | 19 | 5 | 56 | 1 | 14 | 12 | 54 | 2 | 11 | 56 | 27 | 3 | 12 | 56 | 8 | 4 | 16 | 54 | 25 | 5 | 22 | 44 | 30 | 6 |
| 25 | 0 | 19 | 54 | 27 | 1 | 15 | 5 | 29 | 2 | 12 | 55 | 13 | 3 | 14 | 1 | 27 | 4 | 18 | 4 | 46 | 5 | 23 | 57 | 3 | 5 |
| 26 | 0 | 20 | 43 | 1 | 1 | 15 | 58 | 14 | 2 | 13 | 54 | 13 | 3 | 15 | 6 | 58 | 4 | 19 | 15 | 14 | 5 | 25 | 9 | 37 | 4 |
| 27 | 0 | 21 | 31 | 40 | 1 | 16 | 51 | 9 | 2 | 14 | 53 | 26 | 3 | 16 | 12 | 41 | 4 | 20 | 25 | 49 | 5 | 26 | 22 | 12 | 3 |
| 28 | 0 | 22 | 20 | 25 | 1 | 17 | 44 | 17 | 2 | 15 | 52 | 52 | 3 | 17 | 18 | 36 | 4 | 21 | 36 | 31 | 5 | 27 | 34 | 47 | 2 |
| 29 | 0 | 23 | 9 | 17 | 1 | 18 | 37 | 35 | 2 | 16 | 52 | 32 | 3 | 18 | 24 | 44 | 4 | 22 | 47 | 20 | 5 | 28 | 47 | 13 | 1 |
| 30 | 0 | 23 | 58 | 16 | 1 | 19 | 31 | 4 | 2 | 17 | 52 | 26 | 3 | 19 | 31 | 4 | 4 | 23 | 58 | 16 | 6 | 0 | 0 | 0 | 0 |
| | XI | | | | X | | | | IX | | | | VIII | | | | VII | | | | VI | | | | |

Signa Anomaliæ simplicis Mercurij.

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*TABVLA 91. Maximarum Æquationum, seu Parallaxium Orbis Mercurij.*

Signa Completa Anomaliæ Solis Æquatæ.

| | | 0 | | I | | II | | III | | IV | | V | | VI | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sig. | G. | G. | ′ | G. | ′ | G. | ′ | G. | ′ | G. | ′ | G. | ′ | G. | ′ | Sig. |
| 0 | 0 | 27 | 18 | 27 | 23 | 27 | 34 | 27 | 51 | 28 | 7 | 28 | 19 | 28 | 23 | 0 12 |
| | 6 | | 17 | | 21 | | 33 | | 49 | | 5 | | 17 | | 21 | 24 |
| | 12 | | 11 | | 16 | | 28 | | 44 | | 0 | | 12 | | 16 | 18 |
| | 18 | | 3 | | 8 | | 19 | | 35 | 27 | 51 | | 3 | | 8 | 12 |
| | 24 | 26 | 52 | 26 | 56 | | 8 | | 23 | | 39 | 27 | 51 | 27 | 55 | 6 |
| | 30 | 26 | 37 | | 41 | 26 | 53 | | 8 | | 24 | | 36 | | 40 | 0 11 |
| 1 | 3 | 26 | 29 | 26 | 33 | 26 | 44 | 27 | 0 | 27 | 15 | 27 | 27 | 27 | 31 | 27 |
| | 6 | | 20 | | 24 | | 35 | 26 | 51 | | 6 | | 18 | | 22 | 24 |
| | 9 | | 10 | | 14 | | 25 | | 41 | 26 | 56 | | 7 | | 12 | 21 |
| | 12 | | 0 | | 4 | | 15 | | 30 | | 45 | 26 | 57 | | 1 | 18 |
| | 15 | 25 | 49 | 25 | 53 | | 4 | | 18 | | 34 | | 45 | 26 | 49 | 15 10 |
| 1 | 18 | 25 | 37 | | 41 | 25 | 52 | 26 | 7 | 26 | 22 | 26 | 33 | 26 | 37 | 12 |
| | 21 | | 25 | | 29 | | 40 | 25 | 55 | | 10 | | 21 | | 15 | 9 |
| | 24 | | 12 | | 16 | | 27 | | 42 | 25 | 57 | | 7 | | 12 | 6 |
| | 27 | 24 | 59 | | 3 | | 14 | | 29 | | 43 | 25 | 54 | 25 | 58 | 3 |
| | 30 | | 46 | 24 | 50 | | 0 | | 15 | | 29 | | 40 | | 44 | 0 10 |
| 2 | 2 | 24 | 37 | 24 | 41 | 24 | 51 | 25 | 5 | | 20 | 25 | 31 | 25 | 35 | 28 |
| | 4 | | 28 | | 32 | | 41 | 24 | 55 | | 10 | | 21 | | 25 | 26 |
| | 6 | | 18 | | 22 | | 32 | | 46 | | 0 | | 11 | | 15 | 24 |
| | 8 | | 9 | | 12 | | 22 | | 36 | 24 | 50 | | 1 | | 5 | 22 |
| | 10 | 23 | | | 2 | | 12 | | 26 | | 40 | 24 | 51 | 24 | 55 | 20 9 |
| 2 | 12 | 23 | 59 | 23 | 52 | 24 | 2 | 24 | 16 | 24 | 30 | 24 | 40 | 24 | 44 | 18 |
| | 14 | | 49 | | 42 | 23 | 52 | | 6 | | 20 | | 30 | | 34 | 16 |
| | 16 | | 39 | | 32 | | 42 | 23 | 56 | | 10 | | 20 | | 23 | 14 |
| | 18 | | 29 | | 22 | | 32 | | 45 | 23 | 59 | | 10 | | 12 | 12 |
| | 20 | | 18 | | 12 | | 22 | | 35 | | 49 | 23 | 59 | | 2 | 10 9 |
| 2 | 22 | 23 | 58 | 23 | 2 | 23 | 12 | 23 | 25 | 23 | 38 | 23 | 48 | 23 | 51 | 8 |
| | 24 | | 48 | 22 | 51 | | 1 | | 14 | | 27 | | 37 | | 41 | 6 |
| | 26 | | 38 | | 41 | 22 | 51 | | 4 | | 16 | | 27 | | 30 | 4 |
| | 28 | | 28 | | 31 | | 41 | 22 | 54 | | 6 | | 16 | | 19 | 2 |
| | 30 | | 17 | | 20 | | 30 | | 43 | 22 | 53 | | 5 | | 8 | 0 9 |
| 3 | 2 | 22 | 7 | 22 | 10 | 22 | 19 | 22 | 33 | 22 | 46 | 22 | 55 | 22 | 58 | 28 |
| | 4 | 21 | 56 | 21 | 59 | | 8 | | 22 | | 35 | | 44 | | 47 | 26 |
| | 6 | | 46 | | 49 | 21 | 54 | | 11 | | 24 | | 33 | | 36 | 24 |
| | 8 | | 36 | | 39 | | 48 | | 1 | | 14 | | 23 | | 26 | 22 |
| | 10 | | 25 | | 28 | | 37 | 21 | 50 | | 3 | | 12 | | 15 | 20 8 |
| 3 | 12 | 21 | 15 | 21 | 18 | 21 | 27 | 21 | 40 | 21 | 52 | 22 | 1 | 22 | 4 | 18 |
| | 14 | 20 | 5 | | 8 | | 16 | | 29 | | 41 | 21 | 50 | 21 | 53 | 16 |
| | 16 | | 56 | 20 | 59 | | 7 | | 19 | | 32 | | 40 | | 43 | 14 |
| | 18 | | 46 | | 50 | 20 | 57 | | 9 | | 22 | | 30 | | 33 | 12 |
| | 20 | | 36 | | 40 | | 47 | 20 | 59 | | 12 | | 20 | | 23 | 10 8 |
| 3 | 22 | 20 | 26 | 20 | 30 | 20 | 37 | 20 | 49 | 21 | 2 | 21 | 10 | 21 | 13 | 8 |
| | 24 | | 17 | | 21 | | 28 | | 40 | 20 | 52 | | 0 | | 3 | 6 |
| | 26 | | 8 | | 12 | | 18 | | 30 | | 42 | 20 | 50 | 20 | 53 | 4 |
| | 28 | 19 | 59 | | 3 | | 9 | | 21 | | 32 | | 41 | | 44 | 2 |
| | 30 | | 50 | 19 | 54 | | 0 | | 12 | | 23 | | 32 | | 35 | 0 8 |
| 4 | 3 | | 37 | 19 | 40 | 19 | 47 | 19 | 59 | 20 | 10 | 20 | 19 | 20 | 22 | 27 |
| | 6 | | 24 | | 28 | | 34 | | 46 | 19 | 57 | | 5 | | 8 | 24 |
| | 9 | | 12 | | 19 | | 21 | | 34 | | 45 | 19 | 53 | 19 | 56 | 21 |
| | 12 | | 1 | | 4 | | 10 | | 22 | | 33 | | 41 | | 44 | 18 |
| | 15 | 18 | 50 | 18 | 54 | | 0 | | 10 | | 21 | | 29 | | 33 | 15 7 |
| 4 | 18 | 18 | 39 | 18 | 42 | 18 | 50 | 19 | 0 | 19 | 11 | 19 | 18 | 19 | 22 | 12 |
| | 21 | | 30 | | 33 | | 40 | 18 | 50 | | 1 | | 8 | | 11 | 9 |
| | 24 | | 20 | | 23 | | 31 | | 41 | 18 | 52 | 18 | 59 | | 2 | 6 |
| | 27 | | 12 | | 15 | | 22 | | 32 | | 43 | | 50 | 18 | 53 | 3 |
| | 30 | | 4 | | 7 | | 14 | | 24 | | 35 | | 42 | | 45 | 0 7 |
| 5 | 6 | 17 | 50 | 17 | 55 | 18 | 0 | 18 | 10 | 18 | 21 | 18 | 28 | 18 | 31 | 24 |
| | 12 | | 40 | | 43 | 17 | 49 | 17 | 59 | | 9 | | 16 | | 19 | 18 |
| | 18 | | 32 | | 35 | | 41 | | 51 | | 1 | | 8 | | 11 | 12 |
| | 24 | | 27 | | 30 | | 37 | | 47 | 17 | 57 | | 4 | | 6 | 6 |
| | 30 | | 25 | | 28 | | 35 | | 45 | | 55 | | 2 | | 5 | 0 6 |
| | | XII | | XI | | X | | IX | | VIII | | VII | | VI | | |

Anomalia Æquata Mercurii.

Anomalia Æquata Mercurii.

Signa Completa Anomaliæ Solis Æquatæ.

LATI-

*TABVLA 92. Scrupulorum Proportionalium Latitudinis Mercurij.*

| Anom. orbis ☿ | | Scrup. proport. incr. & decr. | | Signa Completa Anomaliæ Excentrici Mercurij Æquatæ. O | | I | | II | | III | | IV | | V | | VI | | Scrup. proport. incr. & decr. | | Decr. in ♂ directa. | Anom. orbis ☿ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sig. | G. | G. | ′ | G. | ′ | G. | ′ | G. | ′ | G. | ′ | G. | ′ | G. | ′ | G. | ′ | G. | ′ | ′ | G. | Sig. |
| 0 | 0 | 60 A. | 0 | 15 | 53 | 16 | 17 | 17 | 25 | 18 | 56 | 20 | 20 | 21 | 19 | 21 | 37 | 60 A. | 0 | 36 | 0 | 12 |
| | 6 | 59 | 48 | | 54 | | 18 | | 27 | | 58 | | 22 | | 21 | | 39 | 59 | 48 | 36 | 24 | |
| | 12 | 59 | 24 | | 56 | | 20 | | 29 | 19 | 1 | | 25 | | 24 | | 42 | 59 | 30 | 36 | 18 | |
| | 18 | 58 | 23 | 16 | 1 | | 25 | | 36 | | 8 | | 32 | | 32 | | 50 | 58 | 42 | 35 | 12 | |
| | 24 | 56 | 58 | | 8 | | 35 | | 45 | | 17 | | 42 | | 42 | 22 | 0 | 57 | 42 | 35 | 6 | |
| | 30 | 54 | 56 | | 18 | | 45 | | 58 | | 30 | | 55 | | 55 | | 13 | 56 | 24 | 34 | 0 | 11 |
| 1 | 6 | 52 | 54 | 16 | 28 | 16 | 54 | 18 | 12 | 19 | 45 | 21 | 12 | 22 | 13 | | 31 | 54 | 36 | 33 | 24 | |
| | 12 | 50 | 40 | | 39 | 17 | 5 | | 24 | 20 | 4 | | 33 | | 35 | | 54 | 52 | 18 | 32 | 18 | |
| | 18 | 47 | 37 | | 54 | | 21 | | 43 | | 24 | | 54 | 23 | 0 | 23 | 20 | 49 | 32 | 30 | 12 | |
| | 24 | 44 | 10 | 17 | 11 | | 40 | 19 | 6 | | 48 | 22 | 18 | | 25 | | 49 | 46 | 38 | 29 | 6 | |
| | 30 | 40 | 4 | | 31 | 18 | 3 | | 34 | 21 | 15 | | 49 | | 58 | 24 | 23 | 43 | 12 | 28 | 0 | 10 |
| 2 | 6 | 35 | 23 | 17 | 54 | 18 | 28 | 20 | 40 | 21 | 47 | 23 | 25 | 24 | 36 | 25 | 2 | 39 | 18 | 26 | 24 | |
| | 12 | 30 | 18 | 18 | 19 | | 54 | | 36 | 22 | 21 | 24 | 9 | 25 | 18 | | 44 | 35 | 6 | 25 | 18 | |
| | 18 | 24 | 24 | | 48 | 19 | 26 | 21 | 13 | | 58 | | 49 | 26 | 6 | 26 | 35 | 30 | 0 | 23 | 12 | |
| | 24 | 18 | 6 | 19 | 19 | 20 | 0 | | 56 | 23 | 42 | 25 | 37 | 27 | 2 | 27 | 31 | 24 | 24 | 21 | 6 | |
| | 30 | 11 | 36 | | 51 | | 34 | 22 | 38 | 24 | 30 | 26 | 33 | 28 | 2 | 28 | 35 | 18 | 0 | 19 | 0 | 9 |
| 3 | 3 | 7 | 56 | 20 | 9 | 20 | 53 | 23 | 1 | 24 | 56 | 27 | 4 | 28 | 36 | 29 | 10 | 14 | 30 | 18 | 27 | |
| | 6 | 4 | 4 | | 28 | 21 | 14 | | 25 | 25 | 23 | | 36 | 29 | 13 | 29 | 48 | 10 | 42 | 17 | 24 | |
| | 9 | 0 B. | 0 | | 48 | | 35 | | 51 | | 52 | 28 | 11 | | 51 | 30 | 28 | 6 | 42 | 16 | 21 | |
| | 12 | 2 | 17 | 21 | 9 | | 58 | 24 | 19 | 26 | 23 | | 48 | 30 | 35 | 31 | 11 | 2 | 24 | 15 | 18 | |
| | 15 | 4 | 33 | | 30 | 22 | 21 | | 47 | | 56 | 29 | 17 | 31 | 17 | 31 | 58 | 0 B. | 45 | 14 | 15 | 8 |
| 3 | 18 | 6 | 56 | 21 | 52 | 22 | 45 | 25 | 16 | 27 | 30 | 30 | 9 | 32 | 5 | 32 | 48 | 2 | 31 | 13 | 12 | |
| | 21 | 9 | 25 | 22 | 15 | 23 | 9 | | 46 | 28 | 5 | | 52 | | 50 | 33 | 38 | 4 | 18 | 12 | 9 | |
| | 24 | 11 | 55 | | 38 | | 34 | 26 | 16 | | 42 | 31 | 37 | 33 | 40 | 34 | 28 | 6 | 4 | 12 | 6 | |
| | 27 | 14 | 30 | 23 | 2 | 24 | 0 | | 48 | 29 | 22 | 32 | 24 | 34 | 33 | 35 | 22 | 7 | 59 | 11 | 3 | |
| | 30 | 17 | 5 | | 26 | | 28 | 27 | 29 | 30 | 3 | 33 | 13 | 35 | 32 | 36 | 24 | 11 | 11 | 10 | 0 | 8 |
| 4 | 3 | 19 | 40 | 23 | 50 | 24 | 54 | 27 | 53 | 30 | 44 | 33 | 54 | 36 | 33 | 37 | 26 | 12 | 23 | 9 | 27 | |
| | 6 | 22 | 23 | 24 | 15 | 25 | 20 | 28 | 24 | 31 | 27 | 34 | 49 | 37 | 37 | 38 | 32 | 14 | 43 | 8 | 24 | |
| | 9 | 25 | 5 | | 41 | | 47 | | 56 | 32 | 12 | 35 | 45 | 38 | 43 | 39 | 43 | 17 | 13 | 8 | 21 | |
| | 12 | 27 | 54 | 25 | 7 | 26 | 17 | 29 | 30 | | 58 | 36 | 43 | 39 | 53 | 40 | 56 | 19 | 48 | 7 | 18 | |
| | 15 | 30 | 43 | | 33 | | 43 | 30 | 4 | 33 | 47 | 37 | 45 | 41 | 7 | 42 | 14 | 22 | 31 | 6 | 15 | 7 |
| 4 | 18 | 33 | 32 | 25 | 59 | 27 | 12 | 30 | 39 | 34 | 35 | 38 | 48 | 42 | 25 | 43 | 34 | 26 | 20 | 5 | 12 | |
| | 21 | 36 | 21 | 26 | 25 | | 39 | 31 | 11 | 35 | 24 | 39 | 55 | 43 | 47 | 44 | 58 | 28 | 17 | 4 | 9 | |
| | 24 | 39 | 12 | | 52 | 28 | 9 | | 47 | 36 | 15 | 41 | 24 | 45 | 9 | 46 | 26 | 31 | 21 | 4 | 6 | |
| | 27 | 41 | 55 | 27 | 17 | | 37 | 32 | 21 | 37 | 5 | 42 | 14 | 46 | 30 | 47 | 35 | 34 | 28 | 3 | 3 | |
| | 30 | 44 | 30 | | 40 | 29 | 3 | | 52 | | 55 | 43 | 18 | 47 | 47 | 49 | 24 | 37 | 34 | 3 | 0 | 7 |
| 5 | 3 | 47 | 15 | 28 | 4 | 29 | 27 | 33 | 25 | 38 | 44 | 44 | 26 | 49 | 15 | 50 | 52 | 40 | 43 | 2 | 27 | |
| | 6 | 49 | 50 | | 28 | | 54 | | 55 | 39 | 31 | 45 | 33 | 50 | 36 | 52 | 26 | 43 | 57 | 2 | 24 | |
| | 9 | 52 | 1 | | 48 | 30 | 14 | 34 | 23 | 40 | 14 | 46 | 38 | 52 | 2 | 53 | 54 | 47 | 2 | 1 | 21 | |
| | 12 | 53 | 38 | 29 | 4 | | 33 | | 45 | | 53 | 47 | 36 | 53 | 16 | 55 | 16 | 49 | 54 | 1 | 18 | |
| | 15 | 55 | 7 | | 17 | | 47 | 35 | 4 | 41 | 27 | 48 | 29 | 54 | 23 | 56 | 31 | 52 | 34 | 1 | 15 | 6 |
| 5 | 18 | 56 | 27 | 29 | 29 | 31 | 0 | 35 | 21 | 41 | 57 | 49 | 17 | 55 | 33 | 57 | 40 | 54 | 59 | 0 | 12 | |
| | 21 | 57 | 40 | | 40 | | 12 | | 35 | 42 | 21 | | 56 | 56 | 18 | 58 | 38 | 57 | 4 | 0 | 9 | |
| | 24 | 58 | 41 | | 49 | | 22 | | 50 | | 40 | 50 | 25 | 56 | 53 | 59 | 17 | 58 | 28 | 0 | 6 | |
| | 27 | 59 | 27 | | 56 | | 30 | | 59 | | 54 | | 46 | 57 | 17 | 59 | 42 | 59 | 22 | 0 | 3 | |
| | 30 | 60 | 0 | 30 | 1 | | 36 | 36 | 7 | 43 | 4 | 51 | 0 | 57 | 34 | 60 | 0 | 60 | 0 | 0 | 0 | 6 |
| | | | | XII | | XI | | X | | IX | | VIII | | VII | | VI | | | | | | |

Signa Completa Anomaliæ Excentrici Æquatæ Mercurij.

Anomalia Orbis Mercurij.

Anomalia Orbis Mercurij.

*TABVLA 93. Decrementi Scrupulorum Proportionalium Latitudinis Mercurij in ☌ retrograda; Quando Anomalia Orbis respondet scrupulis inferioribus penultimae columnae Tabulae praecedentis.*

Anomalia Solis Æquata.

| Anomal. ☉ Æq. Sig. | G | Signa Completa Anomaliæ Æquatæ Excentrici Mercurij. O G. | O ′ | I G. | I ′ | II G. | II ′ | III G. | III ′ | IV G. | IV ′ | V G. | V ′ | VI G. | VI ′ | Anomal. Æq. ☿ G. | Sig. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ♑ | 0 | 3 | 46 | 3 | 38 | 3 | 18 | 2 | 46 | 2 | 10 | 1 | 39 | 1 | 29 | 0 | 12 |
| | 6 | | 45 | | 37 | | 17 | | 45 | | 10 | | 39 | | 29 | 24 | |
| | 12 | | 43 | | 35 | | 15 | | 44 | | 9 | | 38 | | 28 | 18 | |
| | 18 | | 41 | | 33 | | 13 | | 43 | | 8 | | 38 | | 28 | 12 | |
| | 24 | | 37 | | 30 | | 10 | | 40 | | 6 | | 36 | | 26 | 6 | |
| | 30 | 3 | 33 | | 26 | | 7 | | 37 | | 3 | | 33 | | 24 | 0 | 11 |
| 1 | 6 | 3 | 28 | 3 | 21 | 3 | 2 | 2 | 33 | 1 | 59 | 1 | 29 | 1 | 22 | 24 | |
| | 12 | | 22 | | 15 | 2 | 57 | | 29 | | 56 | | 26 | | 20 | 18 | |
| | 18 | | 15 | | 9 | | 51 | | 25 | | 52 | | 23 | | 17 | 12 | |
| | 24 | | 8 | | 2 | | 45 | | 19 | | 48 | | 21 | | 14 | 6 | |
| | 30 | 2 | 0 | 2 | 54 | | 38 | | 12 | | 43 | | 19 | | 11 | 0 | 10 |
| 2 | 6 | 2 | 50 | 2 | 44 | 2 | 29 | 2 | 5 | 1 | 38 | 1 | 16 | 1 | 7 | 24 | |
| | 12 | | 40 | | 35 | | 20 | 1 | 58 | | 33 | | 12 | | 3 | 18 | |
| | 18 | | 30 | | 25 | | 11 | | 51 | | 27 | | 8 | 0 | 59 | 12 | |
| | 24 | | 19 | | 15 | | 2 | | 43 | | 20 | | 3 | | 55 | 6 | |
| | 30 | 2 | 8 | | 4 | 1 | 52 | | 35 | | 13 | 0 | 57 | | 50 | 0 | 9 |
| 3 | 6 | 1 | 56 | 1 | 52 | 1 | 41 | 1 | 26 | 1 | 7 | 0 | 52 | 0 | 46 | 24 | |
| | 12 | | 44 | | 39 | | 31 | | 17 | 1 | 0 | | 47 | | 41 | 18 | |
| | 18 | | 29 | | 25 | | 19 | | 8 | 0 | 53 | | 42 | | 35 | 12 | |
| | 24 | | 17 | | 13 | | 8 | 0 | 59 | | 46 | | 36 | | 31 | 6 | |
| | 30 | 1 | 6 | | 4 | 0 | 58 | 0 | 49 | | 38 | | 30 | | 27 | 0 | 8 |
| 4 | 6 | 0 | 55 | 0 | 53 | 0 | 48 | 0 | 40 | 0 | 32 | 0 | 25 | 0 | 22 | 24 | |
| | 12 | | 44 | | 42 | | 38 | | 32 | | 25 | | 20 | | 18 | 18 | |
| | 18 | | 33 | | 31 | | 28 | | 24 | | 18 | | 14 | | 13 | 12 | |
| | 24 | | 23 | | 22 | | 20 | | 18 | | 14 | | 10 | | 9 | 6 | |
| | 30 | 0 | 17 | | 16 | | 15 | | 13 | | 10 | | 8 | | 7 | 0 | 7 |
| 5 | 6 | 0 | 12 | 0 | 12 | 0 | 11 | 0 | 9 | 0 | 7 | 0 | 6 | 0 | 5 | 24 | |
| | 12 | | 7 | | 7 | | 6 | | 5 | | 4 | | 3 | | 3 | 18 | |
| | 18 | | 3 | | 3 | | 3 | | 2 | | 2 | | 1 | | 1 | 12 | |
| | 24 | | 1 | | 1 | | 1 | | 1 | | 1 | | 0 | | 0 | 6 | |
| | 30 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | | 0 | | 0 | | 0 | 0 | 6 |
| | | XII | | XI | | X | | IX | | VIII | | VII | | VI | | | |

Anomalia Solis Æquata.

*TABVLA 87. Latitudinis, Reductionis, & Curtationis Mercurij.*

Signa Distantiæ Mercurij à Nodo Boreali.

| Dist. Gr. | O Boreal. VI Austral. Latitudo. G. | ′ | Reductio. ′ | ″ | Curtatio. ′ | ″ | I Boreal. VII Austral. Latitudo. G. | ′ | Reductio. ′ | ″ | Curtatio. ′ | ″ | II Boreal. VIII Austral. Latitudo. G. | ′ | Reductio. ′ | ″ | Curtatio. ′ | ″ | Dist. Gr. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 14 | 11 | 3 | 5 | 11 | 5 | 35 | 11 | 3 | 8 | 59 | 30 |
| 1 | 0 | 7 | 0 | 28 | 0 | 11 | 3 | 20 | 11 | 16 | 5 | 21 | 5 | 39 | 10 | 49 | 9 | 4 | 29 |
| 2 | 0 | 13 | 0 | 54 | 0 | 22 | 3 | 25 | 11 | 27 | 5 | 30 | 5 | 42 | 10 | 34 | 9 | 9 | 28 |
| 3 | 0 | 20 | 1 | 22 | 0 | 33 | 3 | 31 | 11 | 39 | 5 | 39 | 5 | 45 | 10 | 19 | 9 | 14 | 27 |
| 4 | 0 | 27 | 1 | 46 | 0 | 44 | 3 | 36 | 11 | 50 | 5 | 48 | 5 | 48 | 10 | 3 | 9 | 19 | 26 |
| 5 | 0 | 34 | 2 | 13 | 0 | 55 | 3 | 42 | 11 | 59 | 5 | 57 | 5 | 51 | 9 | 46 | 9 | 24 | 25 |
| 6 | 0 | 41 | 2 | 39 | 1 | 5 | 3 | 48 | 12 | 8 | 6 | 6 | 5 | 54 | 9 | 28 | 9 | 28 | 24 |
| 7 | 0 | 47 | 3 | 5 | 1 | 16 | 3 | 54 | 12 | 15 | 6 | 15 | 5 | 57 | 9 | 10 | 9 | 32 | 23 |
| 8 | 0 | 54 | 3 | 30 | 1 | 26 | 3 | 59 | 12 | 22 | 6 | 23 | 5 | 59 | 8 | 51 | 9 | 36 | 22 |
| 9 | 1 | 0 | 3 | 56 | 1 | 37 | 4 | 4 | 12 | 28 | 6 | 32 | 6 | 2 | 8 | 32 | 9 | 40 | 21 |
| 10 | 1 | 7 | 4 | 21 | 1 | 48 | 4 | 9 | 12 | 33 | 6 | 40 | 6 | 4 | 8 | 12 | 9 | 44 | 20 |
| 11 | 1 | 14 | 4 | 47 | 1 | 59 | 4 | 14 | 12 | 38 | 6 | 48 | 6 | 6 | 7 | 51 | 9 | 48 | 19 |
| 12 | 1 | 21 | 5 | 11 | 2 | 10 | 4 | 19 | 12 | 40 | 6 | 56 | 6 | 8 | 7 | 29 | 9 | 52 | 18 |
| 13 | 1 | 27 | 5 | 36 | 2 | 20 | 4 | 24 | 12 | 43 | 7 | 4 | 6 | 10 | 7 | 8 | 9 | 55 | 17 |
| 14 | 1 | 34 | 5 | 59 | 2 | 30 | 4 | 29 | 12 | 44 | 7 | 12 | 6 | 12 | 6 | 46 | 9 | 58 | 16 |
| 15 | 1 | 40 | 6 | 23 | 2 | 41 | 4 | 34 | 12 | 45 | 7 | 20 | 6 | 14 | 6 | 23 | 10 | 1 | 15 |
| 16 | 1 | 46 | 6 | 46 | 2 | 51 | 4 | 38 | 12 | 44 | 7 | 28 | 6 | 15 | 5 | 59 | 10 | 4 | 14 |
| 17 | 1 | 53 | 7 | 8 | 3 | 2 | 4 | 43 | 12 | 43 | 7 | 35 | 6 | 17 | 5 | 36 | 10 | 7 | 13 |
| 18 | 1 | 59 | 7 | 29 | 3 | 12 | 4 | 47 | 12 | 40 | 7 | 42 | 6 | 18 | 5 | 11 | 10 | 9 | 12 |
| 19 | 2 | 6 | 7 | 51 | 3 | 23 | 4 | 52 | 12 | 38 | 7 | 50 | 6 | 19 | 4 | 47 | 10 | 11 | 11 |
| 20 | 2 | 12 | 8 | 12 | 3 | 33 | 4 | 56 | 12 | 33 | 7 | 57 | 6 | 20 | 4 | 21 | 10 | 13 | 10 |
| 21 | 2 | 19 | 8 | 32 | 3 | 43 | 5 | 1 | 12 | 28 | 8 | 4 | 6 | 22 | 3 | 56 | 10 | 15 | 9 |
| 22 | 2 | 25 | 8 | 51 | 3 | 53 | 5 | 5 | 12 | 22 | 8 | 11 | 6 | 23 | 3 | 30 | 10 | 16 | 8 |
| 23 | 2 | 31 | 9 | 10 | 4 | 3 | 5 | 9 | 12 | 15 | 8 | 17 | 6 | 24 | 3 | 5 | 10 | 17 | 7 |
| 24 | 2 | 37 | 9 | 28 | 4 | 13 | 5 | 13 | 12 | 8 | 8 | 23 | 6 | 25 | 2 | 39 | 10 | 18 | 6 |
| 25 | 2 | 44 | 9 | 46 | 4 | 23 | 5 | 17 | 11 | 59 | 8 | 29 | 6 | 25 | 2 | 13 | 10 | 19 | 5 |
| 26 | 2 | 50 | 10 | 3 | 4 | 33 | 5 | 21 | 11 | 50 | 8 | 35 | 6 | 26 | 1 | 46 | 10 | 20 | 4 |
| 27 | 2 | 56 | 10 | 19 | 4 | 43 | 5 | 25 | 11 | 39 | 8 | 41 | 6 | 26 | 1 | 22 | 10 | 21 | 3 |
| 28 | 3 | 2 | 10 | 34 | 4 | 52 | 5 | 28 | 11 | 27 | 8 | 47 | 6 | 27 | 0 | 54 | 10 | 21 | 2 |
| 29 | 3 | 8 | 10 | 49 | 5 | 2 | 5 | 32 | 11 | 16 | 8 | 53 | 6 | 27 | 0 | 27 | 10 | 22 | 1 |
| 30 | 3 | 14 | 11 | 3 | 5 | 11 | 5 | 35 | 11 | 3 | 8 | 59 | 6 | 27 | 0 | 0 | 10 | 22 | 0 |
| | V Boreal. XI Austral. | | | | | | IV Boreal. X Austral. | | | | | | III Boreal. IX Austral. | | | | | | |

Signa Distantiæ Mercurij à Nodo Boreali.

PRO-

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*TABVLA 95. Prostaphæresis Orbis ♄, ♃, ♂, ♀, & ☿, à Clariss. Dn. de S. Legier, Auenion. excogitatâ, & exactè computatâ.*

Æquatio maxima, seu composita — ADDE.

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

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TABVLA 95. Prostaphæresis Orbis ♄, ♃, ♂, ♀, & ☿.

Æquatio maxima, seu composita — ADDE.

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

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*TABVLA 95. Prostaphæresis Orbis ♄, ♃, ♂, ♀, & ☿.*

Æquatio maxima, seu composita ADDE.

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

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TABVLA 95. Prostaphæresis Orbis ♄, ♃, ♂, ♀, & ☿.

Æquatio maxima, seu composita ADDE.

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

SVBTRAHE.

PRO-

TABVLA 95. *Prostaphæresis Orbis* ♄, ♃, ♂, ♀, & ☿.

Æquatio maxima, seu composita ADDE.

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

SVBTRAHE. PRO-

*TABVLA 95. Prostapharesis Orbis ♄, ♃, ♂, ♀, & ☿.*

Æquatio maxima, seu composita ADDE.

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

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TABVLA 95. Prostaphæresis Orbis ♄, ♃, ♂, ♀, & ☿.

Æquatio maxima, seu composita ADDE.

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

SVBTRAHE. S PRO-

# PROSTAPHÆRESES ORBIS.

## TABVLA 95. Prostaphæresis Orbis ♄, ♃, ♂, ♀, & ☿.

Æquatio maxima, seu composita — ADDE.

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

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*TABVLA 95. Prostaphæresis Orbis ♄, ♃, ♂, ♀, & ☿.*

Æquatio maxima, seu composita ADDE.

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

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*TABVLA 95. Prostaphæresis Orbis ♄, ♃, ♂, ♀, ☿ ☽.*

Æquatio maxima, seu composita ADDE.

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

*Sinus omnium gr. maximæ æquationis.*

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|---|---|
| 5 | 244005 |
| 6 | 225829 |
| 7 | 210480 |
| 8 | 197203 |
| 9 | 185511 |
| 10 | 175072 |
| 11 | 165648 |
| 12 | 157064 |
| 17 | 122973 |
| 18 | 117435 |
| 19 | 112218 |
| 20 | 107288 |
| 21 | 102619 |
| 22 | 98188 |
| 23 | 93973 |
| 24 | 89959 |
| 25 | 86128 |
| 26 | 82469 |
| 27 | 78968 |
| 28 | 75614 |
| 29 | 72399 |
| 30 | 69314 |
| 34 | 58126 |
| 35 | 55586 |
| 36 | 53139 |
| 37 | 50780 |
| 38 | 48505 |
| 39 | 46311 |
| 40 | 44194 |
| 41 | 42150 |
| 42 | 40177 |
| 43 | 38273 |
| 44 | 36433 |
| 45 | 34657 |
| 46 | 32942 |
| 47 | 31286 |
| 48 | 29686 |

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# PROSTAPHÆRESES ORBIS.

## TABVLA 95. Prostaphæresis Orbis ♄, ♃, ♂, ♀, & ☿.

Æquatio maxima, seu composita — ADDE.

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

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TABVLA 95. Prostaphæresis Orbis ♄, ♃, ♂, ♀, & ☿.

Æquatio maxima, seu composita ADDE.

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

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PRO-

# LATITVDO PLANETARVM MINORVM.

*TABVLA 96. Generalis Latitudinis Quinque Planetarum.*

Gradus Circuli vsq; ad 10.

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

Scrupula Graduum.

Numeri per Columnas distributi sunt sinus Graduum, & Scrupulorum tales qualium Radius sit 60.

PLA-

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# PLANETARVM MINORVM DISTANTIA A SOLE.

*TABVLA 97. Distantia Planetarum à Sole in partibus, qualium Radius Orbis Annui Solis est 100000.*

| Gr. | Gr. | ♄ | ♃ | ♂ | ♀ | ☿ |
|---|---|---|---|---|---|---|
| 0 | 360 | 1009293 | 547889 | 166424 | 72973 | 46690 |
| 3 | 357 | 1009217 | 547863 | 166413 | 72972 | 46679 |
| 6 | 354 | 1008958 | 547753 | 166357 | 72970 | 46645 |
| 9 | 351 | 1008597 | 547547 | 166259 | 72967 | 46591 |
| 12 | 348 | 1008082 | 547281 | 166120 | 72963 | 46514 |
| 15 | 345 | 1007414 | 546962 | 165948 | 72956 | 46414 |
| 18 | 342 | 1007028 | 546651 | 165733 | 72947 | 46293 |
| 21 | 339 | 1006065 | 546207 | 165498 | 72937 | 46252 |
| 24 | 336 | 1004541 | 545700 | 165206 | 72925 | 45997 |
| 27 | 333 | 1003291 | 545125 | 164891 | 72912 | 45816 |
| 30 | 330 | 1001917 | 544498 | 164536 | 72898 | 45612 |
| 33 | 327 | 1000419 | 543804 | 164153 | 72882 | 45390 |
| 36 | 324 | 998788 | 543046 | 163733 | 72861 | 45151 |
| 39 | 321 | 997003 | 542241 | 163284 | 72847 | 44892 |
| 42 | 318 | 995142 | 541368 | 162908 | 72827 | 44616 |
| 45 | 315 | 993158 | 540407 | 162396 | 72807 | 44324 |
| 48 | 312 | 991068 | 539442 | 161863 | 72785 | 44017 |
| 51 | 309 | 988864 | 538489 | 161204 | 72762 | 43693 |
| 54 | 306 | 986583 | 537429 | 160619 | 72738 | 43357 |
| 57 | 303 | 984208 | 536336 | 160013 | 72712 | 43007 |
| 60 | 300 | 982805 | 535208 | 159397 | 72686 | 42637 |
| 63 | 297 | 979208 | 534032 | 158739 | 72659 | 42264 |
| 66 | 294 | 976603 | 532837 | 158015 | 72632 | 41882 |
| 69 | 291 | 973931 | 531612 | 157389 | 72604 | 41489 |
| 72 | 288 | 972261 | 530343 | 156690 | 72576 | 41089 |
| 75 | 285 | 968437 | 529079 | 156005 | 72547 | 40682 |
| 78 | 282 | 965658 | 527788 | 155275 | 72517 | 40270 |
| 81 | 279 | 962790 | 526500 | 154552 | 72488 | 39853 |
| 84 | 276 | 959961 | 525170 | 153805 | 72458 | 39432 |
| 87 | 273 | 957081 | 523848 | 153084 | 72428 | 39009 |
| 90 | 270 | 954198 | 522521 | 152348 | 72398 | 38585 |
| 93 | 267 | 951307 | 521204 | 151613 | 72368 | 38161 |
| 96 | 264 | 948435 | 519872 | 150877 | 72338 | 37737 |
| 99 | 261 | 945572 | 518555 | 150444 | 72308 | 37315 |
| 102 | 258 | 942738 | 517254 | 149422 | 72279 | 36898 |
| 105 | 255 | 939942 | 515773 | 148722 | 72249 | 36485 |
| 108 | 252 | 937185 | 514698 | 148007 | 72220 | 36078 |
| 111 | 249 | 934465 | 513440 | 147417 | 72192 | 35677 |
| 114 | 246 | 931803 | 512206 | 146722 | 72164 | 35284 |
| 117 | 243 | 929110 | 511120 | 145955 | 72137 | 34901 |
| 120 | 240 | 926650 | 509935 | 145310 | 72110 | 34529 |
| 123 | 237 | 924188 | 508805 | 144685 | 72084 | 34167 |
| 126 | 234 | 921813 | 507724 | 144077 | 72058 | 33817 |
| 129 | 231 | 919532 | 506553 | 143492 | 72034 | 33480 |
| 132 | 228 | 917328 | 505560 | 142933 | 72011 | 33156 |
| 135 | 225 | 915149 | 504636 | 142400 | 71989 | 32849 |
| 138 | 222 | 913253 | 503685 | 141890 | 71969 | 32556 |
| 141 | 219 | 911393 | 502812 | 141413 | 71949 | 32280 |
| 144 | 216 | 908608 | 501997 | 140963 | 71931 | 32021 |
| 147 | 213 | 907977 | 501239 | 140543 | 71914 | 31781 |
| 150 | 210 | 906479 | 500554 | 140161 | 71898 | 31559 |
| 153 | 207 | 905105 | 499888 | 139807 | 71884 | 31355 |
| 156 | 204 | 903815 | 499342 | 139491 | 71871 | 31174 |
| 159 | 201 | 902767 | 498835 | 139208 | 71859 | 31019 |
| 162 | 198 | 901793 | 498391 | 138959 | 71849 | 30877 |
| 165 | 195 | 900982 | 498015 | 138707 | 71840 | 30756 |
| 168 | 192 | 900304 | 497696 | 138583 | 71833 | 30650 |
| 171 | 189 | 899799 | 497444 | 138447 | 71829 | 30580 |
| 174 | 186 | 899417 | 497289 | 138349 | 71826 | 30525 |
| 177 | 183 | 899179 | 497179 | 138304 | 71824 | 30491 |
| 180 | 180 | 899103 | 497154 | 138274 | 71823 | 30480 |

Anomalia Æquata Planetarum.

Distantia à Terra in partibus qualium Radius Orbis Annui 100000.

| | Planeta | ♄ | ♃ | ♂ | ♀ | ☿ |
|---|---|---|---|---|---|---|
| Sole Apogeo | Aphelio | 1111033 | 649629 | 268164 | 174713 | 148430 |
| | Perihelio | 797363 | 395413 | 36534 | 30136 | 71260 |
| Sole Perigeo | Aphelio | 1007553 | 646149 | 264684 | 171233 | 144950 |
| | Perihelio | 800843 | 398893 | 50014 | 26656 | 67780 |

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# TABVLA 98.

# SEV CATALOGVS FIXARVM VNIVERSALIS

## AD ANNVM CHRISTI MDCC. COMPLETVM.

*Et ad Quatuor Classes, Graduſue Certitudinis Reductarum, huc ex Libro Quarto transcripta.*

PRIMA Classis continet Stellas à *Nobis* cum *P. Francisco Maria Grimaldo* obseruatas sæpissimè, quarum Longitudinem, ac Latitudinem, iuxta dicta Libro IV. certam in primo gradu censemus, hisq; adiecimus Pleiadas a *D. Vincentio Muto*, & *Michaele Florentio Langreno* obseruatas.

SECVNDA Classis habet Stellas reliquas à Tychone obseruatas, vel Keplero, prout habentur in Catalogo Rudolphino, correctis tamen numeris prout requirunt differentiæ inter nostras primæ Classis, & Tychonicas eiusdem Constellationis, aut proximæ, quas collocamus in secundo gradu certitudinis.

TERTIA Classis complectitur reliquas Stellas, nec à Nobis, nec à Tychone obseruatas, sed ab Hipparcho, & Ptolemæo, spectantes tamen ad Constellationes illas, aut vicinas, quarum aliquot Fixæ sunt à Nobis, vel à Tychone obseruatæ, correctis numeris prout exigunt differentiæ Ptolemaicæ inter Nostras, vel Tychonicas eiusdem Constellationis. Et has in tertio gradu certitudinis non excludente euidenter errorem 10'. minutorum. Sic Keplerus ait; *correctos fuisse à se numeros ad circumstantium Tychonicarum exemplum.*

QVARTA Classis extenditur ad Stellas nec ab Hipparcho, aut Ptolemæo (quod sciamus) nec à Tychone obseruatas; nec ad obseruatarum ab ipsis, nobisq; Constellationes spectantes, sed ad nouas prorsus Constellationes à Naucleris obseruatas. Quarum Longitudinem tantummodo reduximus ad finem Anni 1700. addentes Rudolphinæ Longitudini motum Annorum 100. qui est Nobis Grad. 1. 24'. 27". Latitudinem verò prorsus immutatam transcripsimus ex Rudolphino Catalogo. Has autem in 4. gradu certitudinis esse censemus, & spectato Radio, seu Baculo Astronomico, quo Naucleri vtuntur, & quem experti sumus obnoxium errori Minutorum aliquot, non existimamus certiores Ptolemaicis, donec alio, & accuratiore modo fuerint obseruatæ.

### PARS PRIMA
### *De Stellis Fixis Signorum XII. Zodiaci.*

| Nomina Fixarum | Longitudo Sig. | Gr. | I | II | Latitudo Gr. | I | II | | Magnitudo |
|---|---|---|---|---|---|---|---|---|---|
| **ARIES.** | | | | | | | | | |
| *1. Classis.* | | | | | | | | | |
| Prima in Cornu precedēte | ♈ | 28 | 59 | 27 | 7 | 8 | 0 | B | 4 |
| Sequens in eodem cornu | ♈ | 29 | 45 | 27 | 8 | 28 | 30 | B | 4 |
| Lucida supra caput | ♉ | 3 | 28 | 29 | 9 | 56 | 30 | B | 3 |
| *2. Classis.* | | | | | | | | | |
| In rictu Borealis | ♉ | 3 | 56 | 30 | 7 | 22 | 30 | B | 6 |
| In rictu Australis | ♉ | 4 | 42 | 30 | 5 | 42 | 0 | B | 6 |
| Quæ in ceruice | ♈ | 29 | 19 | 27 | 5 | 23 | 30 | B | 5 |
| in renibus | ♉ | 9 | 58 | 30 | 6 | 6 | 30 | B | 6 |
| In eductione caudæ | ♉ | 14 | 19 | 30 | 4 | 8 | 0 | B | 5 |
| Præcedens trium in cauda | ♉ | 16 | 37 | 30 | 1 | 46 | 0 | B | 4 |
| Media earum | ♉ | 17 | 46 | 30 | 2 | 49 | 30 | B | 5 |
| Vltima earum | ♉ | 19 | 13 | 0 | 2 | 35 | 30 | B | 6 |
| Quæ in femore | ♉ | 12 | 44 | 30 | 1 | 11 | 30 | B | 6 |
| in poplite | ♉ | 10 | 57 | 30 | 1 | 6 | 30 | B | 6 |
| in genu sinistro | ♉ | 10 | 45 | 30 | 1 | 29 | 30 | A | 6 |
| in genu dextro | ♉ | 9 | 14 | 30 | 0 | 38 | 30 | A | 6 |
| Paruula in aluo | ♉ | 9 | 48 | 30 | 4 | 0 | 30 | A | 6 |
| Infra lucidam capitis | ♉ | 3 | 3 | 29 | 9 | 12 | 30 | A | 6 |
| Supra dorsum informis | ♉ | 11 | 57 | 30 | 10 | 50 | 0 | B | 5 |
| Sequēs informis ad basim trianguli | ♉ | 12 | 45 | 30 | 11 | 15 | 30 | B | 4 |
| Orientalis in eadem basi | ♉ | 14 | 2 | 30 | 10 | 23 | 30 | B | 3 |
| In apice triang. ad boream | ♉ | 14 | 13 | 30 | 12 | 25 | 0 | B | 4 |
| *3. Classis.* | | | | | | | | | |
| Trium informium borea | ♉ | 13 | 52 | 30 | 12 | 43 | 30 | B | 5 |
| In extremo pede posterior | ♉ | 7 | 32 | 30 | 5 | 9 | 30 | A | 4 |
| **TAVRVS.** | | | | | | | | | |
| *1. Classis.* | | | | | | | | | |
| Oculus Australis, Aldebara | ♊ | 5 | 35 | 30 | 5 | 30 | 50 | A | 1 |
| Oculus Borealis | ♊ | 4 | 16 | 0 | 2 | 36 | 20 | A | 3 |
| Hyadum infima in naribus | ♊ | 1 | 34 | 2 | 5 | 46 | 20 | A | 3 |
| Cornu borei extrema | ♊ | 18 | 22 | 47 | 5 | 20 | 30 | B | 2 |
| Cornu austrini extrema | ♊ | 20 | 15 | 47 | 2 | 13 | 30 | A | 3 |
| Pleiadum Lucida, seu Alcione | ♉ | 25 | 54 | 37 | 3 | 59 | 0 | B | 3 |
| Pleiadum Electra | ♉ | 24 | 43 | 0 | 4 | 8 | 40 | B | 5 |
| Pleiadum Taygeta | ♉ | 24 | 53 | 19 | 4 | 31 | 36 | B | 6 |
| Pleiadum Merope | ♉ | 24 | 59 | 50 | 3 | 52 | 30 | B | 6 |
| Pleiadum Maia | ♉ | 25 | 0 | 20 | 4 | 22 | 56 | B | 6 |
| Pleiadum Asterope | ♉ | 24 | 56 | 50 | 4 | 30 | 30 | B | 8 |
| Pleiadum Celeno | ♉ | 24 | 45 | 10 | 4 | 15 | 35 | B | 8 |
| Pleiadum pater Atlas | ♉ | 25 | 46 | 20 | 3 | 50 | 20 | B | 5 |
| Pleiadum mater Pleione | ♉ | 25 | 47 | 20 | 3 | 53 | 0 | B | 7 |
| *2. Classis.* | | | | | | | | | |
| Suprema in sectione | ♉ | 19 | 23 | 0 | 5 | 56 | 50 | A | 5 |
| Altera post ipsam | ♉ | 18 | 53 | 0 | 7 | 28 | 50 | A | 6 |
| Tertia earum | ♉ | 17 | 41 | 0 | 8 | 49 | 20 | A | 4 |
| Quarta Australissima | ♉ | 16 | 58 | 30 | 9 | 22 | 20 | A | 4 |
| In dextro armo | ♉ | 23 | 9 | 0 | 8 | 40 | 50 | A | 5 |
| In pectore | ♉ | 26 | 24 | 0 | 8 | 2 | 50 | A | 4 |
| In genu dextro | ♉ | 29 | 22 | 0 | 12 | 13 | 20 | A | 4 |
| In suffragine dextra | ♉ | 25 | 42 | 0 | 14 | 30 | 20 | A | 4 |
| In genu sinistro | ♊ | 5 | 42 | 0 | 9 | 31 | 50 | A | 5 |
| In suffragine sinistra | ♊ | 4 | 34 | 0 | 11 | 47 | 50 | A | 5 |
| Inter nares, & oculum boreum | ♊ | 2 | 39 | 30 | 4 | 1 | 50 | A | 3 |
| Inter nares, & oculum Austral. | ♊ | 3 | 45 | 0 | 5 | 52 | 50 | A | 4 |
| Ad radicē cornu Australis | ♊ | 9 | 35 | 0 | 3 | 39 | 30 | A | 6 |
| Australior in eod. cornu | ♊ | 13 | 36 | 30 | 2 | 30 | 0 | A | 6 |
| Borealior in eod. cornu | ♊ | 12 | 27 | 0 | 1 | 49 | 0 | A | 4 |
| In origine cornu borei | ♊ | 7 | 58 | 0 | 0 | 40 | 30 | B | 5 |
| In aure Borealis | ♊ | 4 | 17 | 0 | 1 | 4 | 30 | B | 5 |
| In aure Australis | ♊ | 4 | 1 | 0 | 0 | 35 | 30 | B | 4 |
| In collo præcedēs duarum | ♉ | 29 | 14 | 0 | 1 | 12 | 30 | B | 5 |
| In collo sequens | ♊ | 1 | 51 | 30 | 0 | 46 | 20 | A | 6 |
| In ceruice quadrilateri præcedens | ♊ | 1 | 27 | 0 | 5 | 15 | 50 | A | 6 |
| Eiusdem borea | ♊ | 1 | 8 | 30 | 7 | 54 | 50 | A | 5 |
| Sequentis lateris Austral. | ♊ | 3 | 57 | 0 | 3 | 57 | 10 | B | 5 |
| Eiusdem lateris Boreal. | ♊ | 3 | 48 | 30 | 5 | 45 | 40 | B | 5 |
| In vngula pedis sinistri | ♉ | 21 | 20 | 0 | 13 | 29 | 50 | A | 6 |
| In talo pedis sequentis | ♉ | 1 | 33 | 0 | 12 | 1 | 50 | A | 5 |

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| Nomina Fixarum | Longitudo Sig. | G. | ′ | ″ | Latitudo Gr. | ′ | ″ | | Magnitudo |
|---|---|---|---|---|---|---|---|---|---|
| In armo dextro | ♊ | 3 | 21 | 30 | 8 | 40 | 50 | A | 5 |
| Trium infra Hyadas præced. | ♊ | 3 | 5 | 0 | 6 | 56 | 20 | A | 5 |
| Media earum | ♊ | 4 | 51 | 0 | 7 | 4 | 20 | A | 5 |
| Sequens earum | ♊ | 6 | 18 | 0 | 6 | 17 | 20 | A | 6 |
| Paruula in cornu austr. | ♊ | 16 | 25 | 0 | 1 | 3 | 50 | A | 6 |
| Sequens in eodem cornu | ♊ | 18 | 18 | 30 | 1 | 19 | 50 | A | 6 |
| Paruula sequens quatuor in sectione | ♉ | 8 | 56 | 0 | 9 | 3 | 20 | A | 6 |
| Duarum in quadrato colli præced. | ♊ | 0 | 45 | 30 | 6 | 32 | 50 | A | 5 |
| 3. *Classis.* | | | | | | | | | |
| Informes | | | | | | | | | |
| Sub pede, & armo dextro | ♉ | 17 | 43 | 0 | 17 | 29 | 30 | A | 4 |
| Præced. supra cornu austr. | ♉ | 12 | 23 | 0 | 1 | 50 | 30 | A | 5 |
| Sub extremo cornu australi borealior | ♊ | 21 | 23 | 0 | 5 | 59 | 30 | A | 5 |
| Sub eodem australior | ♊ | 21 | 23 | 0 | 6 | 59 | 30 | A | 5 |
| Ex 5. sub cornu boreo præced. | ♊ | 19 | 23 | 0 | 0 | 40 | 30 | B | 5 |
| Hanc sequens | ♊ | 21 | 23 | 0 | 1 | 20 | 50 | B | 5 |
| Hac iterum posterior | ♊ | 23 | 23 | 0 | 1 | 40 | 30 | B | 5 |
| Vltimarum duarum borea | ♊ | 24 | 43 | 0 | 3 | 40 | 30 | B | 5 |
| Earum australis | ♊ | 25 | 43 | 0 | 1 | 35 | 30 | B | 5 |
| **GEMINI.** | | | | | | | | | |
| 1. *Classis.* | | | | | | | | | |
| Castoris caput | ♋ | 16 | 1 | 47 | 10 | 2 | 50 | B | 2 |
| Pollucis caput | ♋ | 19 | 4 | 53 | 6 | 38 | 30 | B | 2 |
| Lucidus pes ♊ | ♋ | 4 | 51 | 47 | 6 | 48 | 0 | A | 2 |
| 2. *Classis.* | | | | | | | | | |
| Sinistra manus præcedentis Gemini | ♋ | 6 | 54 | 50 | 10 | 58 | 30 | B | 5 |
| In sinistro brachio | ♋ | 11 | 16 | 52 | 7 | 43 | 30 | B | 4 |
| In eiusdem scapulis | ♋ | 14 | 47 | 0 | 5 | 43 | 0 | B | 4 |
| In eusdem humero dextro | ♋ | 17 | 10 | 0 | 5 | 10 | 30 | B | 5 |
| In sinistro hum. sequentis Gemini | ♋ | 19 | 29 | 0 | 3 | 3 | 30 | B | 4 |
| In latere dext. præced. ♊ | ♋ | 14 | 41 | 0 | 2 | 56 | 30 | B | 6 |
| In sinistro cubito Castoris | ♋ | 15 | 33 | 0 | 6 | 1 | 0 | B | 6 |
| In boreal & supremo genu | ♋ | 5 | 45 | 0 | 2 | 11 | 30 | B | 3 |
| In sinistro genu sequentis | ♋ | 10 | 49 | 0 | 2 | 7 | 0 | A | 3 |
| In ventre Pollucis | ♋ | 14 | 18 | 50 | 0 | 14 | 0 | A | 3 |
| In eiusdem poplite | ♋ | 14 | 36 | 0 | 5 | 41 | 30 | A | 4 |
| In pede antecedenti Castoris | ♊ | 29 | 14 | 0 | 0 | 58 | 30 | A | 4 |
| Calx eiusdem pedis | ♋ | 1 | 4 | 50 | 0 | 53 | 30 | A | 3 |
| In extremo pedis dextri Castoris | ♋ | 2 | 35 | 0 | 3 | 8 | 30 | A | 4 |
| In imo pede Pollucis | ♋ | 6 | 50 | 20 | 10 | 9 | 30 | A | 4 |
| In calce Pollucis | ♋ | 9 | 17 | 0 | 9 | 41 | 30 | A | 6 |
| Suprema genu Pollucis | ♋ | 7 | 43 | 50 | 1 | 12 | 20 | A | 6 |
| In femore Castoris | ♋ | 9 | 58 | 20 | 1 | 31 | 20 | B | 6 |
| Infra caput in manu Pollucis | ♋ | 21 | 5 | 50 | 5 | 44 | 30 | B | 5 |
| Paruula inter capita ♊ | ♋ | 18 | 25 | 20 | 7 | 24 | 25 | B | 5 |
| Ad aurem Castoris | ♋ | 14 | 43 | 50 | 9 | 42 | 30 | B | 5 |
| Precedens summum pedē, seu Propus | ♊ | 26 | 42 | 50 | 0 | 13 | 30 | A | 4 |
| Præcedētium quinque, inter Geminos infima | ♋ | 18 | 23 | 20 | 5 | 52 | 25 | A | 6 |
| Sequens supra hanc | ♋ | 19 | 26 | 55 | 3 | 49 | 0 | A | 6 |
| Tertia earum | ♋ | 20 | 51 | 20 | 2 | 42 | 30 | A | 6 |
| Quarta earum | ♋ | 22 | 48 | 50 | 0 | 58 | 0 | A | 6 |
| 3. *Classis.* | | | | | | | | | |
| Quæ præcedit genu anterius Clara | ♊ | 29 | 7 | 0 | 6 | 10 | 30 | B | 4 |
| **CANCER.** | | | | | | | | | |
| 1. *Classis.* | | | | | | | | | |
| Nebulosa Præsepe | ♌ | 3 | 8 | 23 | 1 | 14 | 30 | B | neb. |
| Asellus Boreus | ♌ | 3 | 18 | 53 | 3 | 8 | 30 | B | 4 |
| Asellus Australis | ♌ | 4 | 29 | 53 | 0 | 3 | 30 | A | 4 |

| Nomina Fixarum | Longitudo Sig. | G. | ′ | ″ | Latitudo Gr. | ′ | ″ | | Magnitudo |
|---|---|---|---|---|---|---|---|---|---|
| 2. *Classis.* | | | | | | | | | |
| Borea in □ precedentium | ♌ | 1 | 11 | 0 | 1 | 52 | 0 | B | 5 |
| Australis earumdem | ♌ | 1 | 34 | 30 | 0 | 47 | 0 | A | 5 |
| In Brachio austrino | ♌ | 9 | 25 | 30 | 5 | 7 | 30 | A | 3 |
| In Brachio boreo | ♌ | 2 | 6 | 0 | 10 | 23 | 30 | B | 5 |
| In extremo pedis borei | ♋ | 25 | 18 | 0 | 1 | 16 | 0 | B | 5 |
| In extremo pedis austrini | ♋ | 26 | 26 | 0 | 7 | 4 | 30 | A | 5 |
| Lucidior in radice caudæ | ♋ | 27 | 7 | 30 | 2 | 18 | 0 | A | 4 |
| Sequens proxime in dorso | ♋ | 29 | 34 | 30 | 1 | 3 | 30 | A | 6 |
| In brachio australi borea | ♌ | 8 | 9 | 30 | 1 | 53 | 30 | A | 6 |
| In eodem austrina | ♌ | 11 | 58 | 0 | 5 | 35 | 28 | A | 5 |
| In rostro borealis | ♌ | 6 | 49 | 0 | 7 | 14 | 30 | B | 6 |
| In rostro australis | ♌ | 8 | 58 | 30 | 5 | 20 | 30 | B | 6 |
| 3. *Classis.* | | | | | | | | | |
| Supra flexum forcipis austrinæ | ♌ | 12 | 42 | 0 | 2 | 19 | 30 | A | 4 |
| Sequens extremum forcipis austr. | ♌ | 14 | 42 | 0 | 5 | 19 | 25 | A | 4 |
| **LEO.** | | | | | | | | | |
| 1. *Classis.* | | | | | | | | | |
| Leonis cor, Regulus | ♌ | 25 | 38 | 32 | 0 | 26 | 20 | B | 1 |
| Leonis caudæ lucida | ♍ | 17 | 26 | 47 | 12 | 16 | 20 | B | 1 |
| Iubæ, seu colli lucida | ♌ | 25 | 18 | 19 | 8 | 45 | 40 | B | 2 |
| Suprema ceruicis | ♌ | 23 | 16 | 47 | 11 | 48 | 40 | B | 3 |
| Infima ceruicis | ♌ | 23 | 39 | 17 | 4 | 50 | 40 | B | 3 |
| Lucida in Lumbis | ♌ | 7 | 7 | 32 | 14 | 18 | 30 | B | 2 |
| 2. *Classis.* | | | | | | | | | |
| Quæ in naribus | ♌ | 11 | 1 | 30 | 10 | 21 | 40 | B | 4 |
| In hiatu | ♌ | 13 | 36 | 30 | 7 | 50 | 45 | B | 4 |
| Capitis borealior | ♌ | 17 | 11 | 0 | 12 | 19 | 50 | B | 4 |
| Capitis australior | ♌ | 16 | 25 | 0 | 9 | 38 | 40 | B | 3 |
| In pectore australior | ♌ | 26 | 12 | 30 | 1 | 25 | 40 | A | 5 |
| Antecedens Regulum proximè | ♌ | 23 | 5 | 30 | 0 | 0 | 25 | B | 4 |
| Hac preced. in genu dextro | ♌ | 19 | 16 | 30 | 0 | 15 | 50 | B | 5 |
| In drace dextra | ♌ | 17 | 29 | 0 | 3 | 10 | 10 | A | 4 |
| Sequens in altero pede | ♌ | 20 | 2 | 0 | 3 | 47 | 10 | A | 4 |
| In drace sinistra | ♌ | 25 | 8 | 0 | 3 | 55 | 10 | A | 4 |
| In sinistra Axilla | ♍ | 2 | 10 | 0 | 0 | 7 | 50 | B | 4 |
| In ventre trium anteced. | ♌ | 23 | 46 | 0 | 2 | 9 | 52 | B | 6 |
| Earum borealior | ♍ | 3 | 28 | 0 | 5 | 55 | 50 | A | 6 |
| Earum australior | ♍ | 5 | 27 | 10 | 2 | 49 | 20 | B | 6 |
| Præcedens duarum in lumbis | ♍ | 4 | 36 | 0 | 12 | 52 | 50 | B | 5 |
| In clune præcedens borea | ♍ | 9 | 12 | 0 | 9 | 41 | 20 | B | 3 |
| Sequens austrina | ♍ | 10 | 30 | 0 | 7 | 50 | 25 | B | 6 |
| In femore | ♍ | 13 | 20 | 30 | 6 | 6 | 50 | B | 3 |
| In genu posteriori | ♍ | 14 | 30 | 30 | 1 | 39 | 52 | B | 4 |
| Media in pede | ♍ | 17 | 19 | 0 | 0 | 33 | 10 | A | 4 |
| Infima in pede | ♍ | 20 | 50 | 0 | 3 | 2 | 40 | A | 4 |
| In vngula pedis sinistri | ♌ | 17 | 55 | 0 | 4 | 49 | 30 | A | 6 |
| In vngula pedis præced. dextra | ♌ | 17 | 24 | 30 | 5 | 44 | 30 | A | 5 |
| In medio corpore | ♍ | 1 | 37 | 30 | 10 | 15 | 30 | B | 6 |
| Paruula in capite | ♌ | 17 | 33 | 0 | 10 | 46 | 10 | B | 6 |
| Precedens duarum in sinistro pede posterior | ♍ | 17 | 15 | 0 | 7 | 40 | 30 | A | 4 |
| Tychonis alter codex | ♍ | 20 | 12 | 0 | 5 | 42 | 30 | A | 5 |
| Informium supra dorsum præced. | ♌ | 27 | 45 | 30 | 17 | 38 | 40 | B | 5 |
| Sequens earum | ♍ | 1 | 20 | 0 | 16 | 28 | 50 | B | 5 |
| Suprema lucidarum dorsi | ♍ | 6 | 16 | 30 | 16 | 45 | 40 | B | 5 |
| Supra caudam | ♍ | 14 | 45 | 0 | 17 | 17 | 50 | B | 4 |
| Borealis trium sub ventre | ♍ | 10 | 20 | 0 | 1 | 19 | 0 | B | 4 |
| Media earum | ♍ | 9 | 52 | 15 | 0 | 10 | 50 | A | 5 |
| Australis earundem | ♍ | 10 | 42 | 0 | 2 | 30 | 30 | A | 5 |
| **VIRGO.** | | | | | | | | | |
| 1. *Classis.* | | | | | | | | | |
| Spica | ♎ | 19 | 39 | 47 | 1 | 59 | 30 | A | 1 |
| Lucida cinguli | ♎ | 7 | 18 | 47 | 8 | 40 | 30 | B | 3 |
| Vindemiatrix | ♎ | 5 | 46 | 17 | 16 | 15 | 0 | B | 3 |

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| Nomina Fixarum | Longitudo Sig. | G. | ′ | ″ | Latitudo Gr. | ′ | ″ | | Magnitudo |
|---|---|---|---|---|---|---|---|---|---|
| 2. *Classis.* | | | | | | | | | |
| Præcedentium in □ capitis boreal. | ♑ | 19 | 7 | 50 | 6 | 6 | 0 | B | 5 |
| Earum australior | ♑ | 19 | 56 | 47 | 4 | 36 | 30 | B | 5 |
| Sequẽtium in vultu borea | ♑ | 23 | 30 | 48 | 8 | 33 | 0 | B | 5 |
| Earundem austrina | ♑ | 23 | 41 | 50 | 6 | 9 | 30 | B | 5 |
| In extrema alæ australis,& sinistræ | ♑ | 22 | 55 | 47 | 0 | 42 | 28 | B | 3 |
| Præcedens de quatuor in ala sinist. | ♒ | 0 | 39 | 49 | 1 | 24 | 29 | B | 4 |
| Altera sequens in humero | ♒ | 5 | 59 | 17 | 2 | 49 | 30 | B | 3 |
| Penultima earum | ♒ | 10 | 51 | 18 | 2 | 23 | 0 | B | 6 |
| Vltima earum | ♒ | 14 | 0 | 50 | 1 | 44 | 28 | B | 4 |
| In dextra,& bor. ala trium præced. | ♒ | 1 | 16 | 47 | 1 | 36 | 0 | B | 5 |
| Reliquarum duarum austrina | ♒ | 3 | 15 | 50 | 11 | 36 | 28 | B | 6 |
| Sub perizomate in clune | ♒ | 16 | 46 | 18 | 8 | 9 | 30 | B | 3 |
| Sinistræ coxæ borealiss. | ♒ | 19 | 22 | 19 | 3 | 10 | 27 | B | 6 |
| Sequentium duarũ boreal. | ♒ | 22 | 33 | 18 | 1 | 45 | 0 | B | 6 |
| Earum australior | ♒ | 21 | 7 | 50 | 0 | 20 | 0 | B | 6 |
| In genu sinistro | ♒ | 26 | 7 | 48 | 2 | 24 | 0 | B | 6 |
| Borealior supremę fimbriæ | ♒ | 29 | 12 | 50 | 11 | 2 | 0 | B | 5 |
| Media trium in fimbria | ♒ | 29 | 32 | 47 | 7 | 18 | 0 | B | 4 |
| Infima, & austral. fimbriæ | ♓ | 0 | 14 | 50 | 2 | 57 | 0 | B | 4 |
| Australior duarum superioris fimbrię | ♓ | 1 | 15 | 17 | 11 | 47 | 29 | B | 4 |
| In pede australi | ♓ | 2 | 45 | 50 | 0 | 31 | 0 | B | 4 |
| In pede dextro, seu boreo | ♓ | 5 | 53 | 48 | 9 | 48 | 27 | B | 4 |
| Inter Vindem.& cingulum | ♒ | 2 | 44 | 50 | 10 | 25 | 30 | | 6 |
| Sequẽs hanc in clune dext. | ♒ | 23 | 1 | 18 | 9 | 40 | 0 | B | 6 |
| Quæ in ceruice | ♓ | 29 | 9 | 17 | 4 | 59 | 0 | B | 6 |
| Parua sequens Vindemiatricem | ♒ | 9 | 48 | 50 | 16 | 13 | 30 | B | 6 |
| Præcedens trium in recta linea alæ borealis | ♒ | 11 | 34 | 47 | 12 | 40 | 0 | B | 5 |
| Media earundem | ♒ | 16 | 9 | 50 | 13 | 7 | 0 | B | 6 |
| Sequens hanc | ♒ | 23 | 34 | 43 | 3 | 22 | 0 | B | 5 |
| Quæ inter quart. & quintã | ♓ | 24 | 30 | 17 | 3 | 25 | 30 | A | 6 |
| Informis sub brachio sinistro | ♒ | 8 | 1 | 50 | 3 | 23 | 30 | A | 5 |
| Media | ♒ | 12 | 2 | 47 | 3 | 23 | 30 | A | 5 |
| Sequens | ♒ | 15 | 32 | 18 | 3 | 14 | 0 | A | 5 |
| Sequens trium sub Spica | ♒ | 18 | 36 | 47 | 7 | 51 | 30 | A | 5 |
| Media ad Austrum | ♒ | 20 | 58 | 50 | 9 | 16 | 28 | A | 5 |
| Sequens Orientalis | ♒ | 21 | 59 | 17 | 6 | 16 | 30 | A | 5 |
| 3. *Classis.* | | | | | | | | | |
| In femore □ pręced. austr. | ♒ | 19 | 23 | 50 | 0 | 9 | 30 | B | 6 |
| In coxæ extremo | ♒ | 20 | 23 | 48 | 8 | 29 | 28 | B | 5 |
| LIBRA. | | | | | | | | | |
| 1. *Classis.* | | | | | | | | | |
| Lanx Borealis | ♓ | 15 | 12 | 17 | 8 | 33 | 10 | B | 2 |
| Lanx Australis | ♓ | 10 | 56 | 27 | 0 | 25 | 10 | B | 2 |
| 2. *Classis.* | | | | | | | | | |
| Quæ supra lancem austral. | ♓ | 10 | 7 | 27 | 1 | 54 | 10 | B | 5 |
| Quę supra lancem borealẽ | ♓ | 11 | 4 | 30 | 8 | 17 | 0 | B | 4 |
| Prima à lance austral. ad ortum | ♓ | 13 | 52 | 0 | 1 | 13 | 10 | B | 5 |
| Secunda ab eadem | ♓ | 17 | 44 | 30 | 2 | 57 | 40 | B | 6 |
| Tertia ad ortum | ♓ | 20 | 58 | 29 | 4 | 27 | 10 | B | 3 |
| Infra hanc ad ortum | ♓ | 23 | 13 | 57 | 4 | 3 | 10 | B | 4 |
| Infra eandem ad occasum | ♓ | 26 | 52 | 30 | 2 | 20 | 10 | B | 4 |
| Infra lancem borealem ad ortum | ♓ | 17 | 10 | 0 | 8 | 5 | 30 | B | 4 |
| Informis duarum infra lãcem Austrinam | ♓ | 23 | 35 | 27 | 0 | 2 | 0 | B | 4 |
| Earundem inferior | ♓ | 28 | 28 | 57 | 0 | 6 | 10 | B | 4 |
| Præcedens trium sequentium | ♓ | 25 | 41 | 30 | 3 | 32 | 12 | B | 4 |
| Media | ♓ | 26 | 13 | 26 | 6 | 9 | 15 | B | 4 |
| Superior Orientalis | ♓ | 27 | 6 | 50 | 9 | 19 | 50 | A | 4 |
| Sequens | ♓ | 28 | 44 | 30 | 10 | 57 | 50 | A | 5 |

| Nomina Fixarum | Longitudo Sig. | G. | ′ | ″ | Latitudo Gr. | ′ | ″ | | Magnitudo |
|---|---|---|---|---|---|---|---|---|---|
| In sinistro brachio sub lance bor. | ♓ | 28 | 44 | 0 | 7 | 38 | 30 | A | 3 |
| Sequens | ♓ | 16 | 41 | 0 | 1 | 49 | 25 | A | 3 |
| 3. *Classis.* | | | | | | | | | |
| Infra Chelã austral. borealis | ♓ | 24 | 27 | 30 | 8 | 42 | 50 | A | 4 |
| Infra eandem australis | ♓ | 24 | 59 | 50 | 10 | 20 | 48 | A | 4 |
| SCORPIVS. | | | | | | | | | |
| 1. *Classis.* | | | | | | | | | |
| Scorpij Cor, Antares | ♐ | 5 | 35 | 27 | 4 | 26 | 30 | A | 1 |
| Borealis in fronte | ♓ | 28 | 56 | 57 | 1 | 6 | 55 | B | 2 |
| Media frontis | ♓ | 28 | 20 | 7 | 1 | 52 | 40 | A | 3 |
| Australis in fronte | ♓ | 28 | 45 | 47 | 5 | 20 | 40 | A | 3 |
| 2. *Classis.* | | | | | | | | | |
| In pede ad austrũ sub australi frontis | ♓ | 29 | 4 | 30 | 8 | 26 | 0 | A | 4 |
| Borealissima frontis | ♐ | 0 | 24 | 30 | 1 | 44 | 0 | B | 4 |
| Parua in Δ cũ lucida frõtis | ♓ | 29 | 28 | 0 | 0 | 16 | 0 | B | 5 |
| vel melius | ♓ | 29 | 23 | 0 | 0 | 16 | 0 | B | 5 |
| Præcedens cordi ad Boreã | ♐ | 3 | 32 | 0 | 3 | 53 | 0 | A | 4 |
| Sequens post Cor | ♐ | 7 | 14 | 0 | 5 | 48 | | A | 4 |
| Præcedens in inferioribus pedibus | ♐ | 2 | 7 | 30 | 6 | 35 | 30 | A | 5 |
| *Ex Keplero de noua Stella.* | | | | | | | | | |
| Sub vola pedis serpentarij | ♐ | 4 | 18 | 0 | 1 | 48 | 0 | A | 4 |
| Quæ supra cor Scorpij | ♐ | 5 | 33 | 0 | 3 | 0 | 0 | A | 5 |
| Supra precedentem Cordi | ♐ | 3 | 22 | 0 | 2 | 48 | 0 | A | 5 |
| Infra eã in corpore poster. | ♐ | 3 | 42 | 0 | 6 | 58 | 0 | A | 4 |
| In primo spondylo | ♐ | 9 | 25 | 0 | 10 | 58 | 0 | A | 3 |
| In secundo spondylo | ♐ | 11 | 5 | 9 | 14 | 50 | 0 | A | 3 |
| In aculeo caudæ | ♐ | 19 | 50 | 0 | 13 | 52 | | A | 3 |
| 3. *Classis.* | | | | | | | | | |
| In 3 spondylo ex Clauio | ♐ | 12 | 41 | 0 | 18 | 20 | | A | 3 |
| Sequens in 4. spondylo | ♐ | 15 | 41 | 0 | 19 | 49 | 0 | A | 3 |
| Post eum in 5. spondylo | ♐ | 20 | 31 | 0 | 19 | 9 | 0 | A | 3 |
| Vlterior in 6. spondylo | ♐ | 22 | 51 | 0 | 16 | 59 | 0 | A | 3 |
| Quæ in 7. spondylo | ♐ | 21 | 21 | 0 | 15 | 29 | 0 | A | 3 |
| Præcedens oculum | ♐ | 19 | 21 | 0 | 13 | 59 | 0 | A | 4 |
| Informis sequens aculeum | ♐ | 23 | 31 | 0 | 13 | 39 | 0 | A | *neb.* |
| Duarum supra aculeum præced. | ♐ | 17 | 51 | 0 | 6 | 29 | 0 | A | 5 |
| Sequens earum | ♐ | 21 | 51 | 0 | 1 | 29 | 0 | A | 5 |
| Aliter | ♐ | 21 | 51 | 0 | 4 | 29 | 0 | A | 5 |
| SAGITTARIVS. | | | | | | | | | |
| 1. *Classis.* | | | | | | | | | |
| Lucida Capitis | ♑ | 9 | 22 | 27 | 1 | 45 | 10 | B | 4 |
| 2. *Classis.* | | | | | | | | | |
| In cuspide sagittæ | ♐ | 26 | 56 | 0 | 6 | 54 | 40 | A | 4 |
| vel *Kepl.* | ♐ | 26 | 56 | 0 | 6 | 54 | 0 | A | 4 |
| vel *Ptolem.* | ♐ | 27 | 16 | 0 | 6 | 50 | 40 | A | 4 |
| In manubrio sinistrę manꝰ | ♑ | 0 | 17 | 0 | 6 | 50 | 50 | A | 4 |
| vel *Ptolem.* | | 0 | 16 | 0 | 6 | 50 | | A | 4 |
| In parte borea arcus australior | ♑ | 2 | 13 | 30 | 2 | 59 | 20 | A | 4 |
| In eodem borealior | ♐ | 29 | 7 | 30 | 2 | 28 | 10 | B | 4 |
| In humero sinistro | ♑ | 8 | 17 | 0 | 3 | 30 | 20 | A | 4 |
| Antecedens hanc in iaculo | ♑ | 6 | 6 | 0 | 3 | 49 | 20 | A | 5 |
| Media in capite | ♑ | 10 | 14 | 0 | 0 | 59 | 40 | B | 4 |
| Vltima trium in capite | ♑ | 12 | 9 | 0 | 1 | 31 | 38 | B | 4 |
| Prima in contactu | ♑ | 14 | 10 | 0 | 3 | 7 | 10 | B | 6 |
| In boreo contactu media | ♑ | 15 | 20 | 30 | 4 | 17 | 40 | B | 4 |
| Sequens, & superior | ♑ | 15 | 37 | 0 | 6 | 10 | 10 | B | 5 |
| Hac orientalior | ♑ | 20 | 34 | 30 | 5 | 8 | 40 | B | 6 |
| Oriẽtalis vltima in cõtactu | ♑ | 24 | 18 | 30 | 5 | 12 | 39 | B | 6 |
| Obscura in contactu inferiori | ♑ | 20 | 50 | 0 | 1 | 25 | 38 | B | 6 |
| Obscura in dextro cubito | ♑ | 17 | 52 | 0 | 3 | 7 | 10 | A | 6 |
| 3. *Classis.* | | | | | | | | | |
| In australi parte arcus | ♑ | 0 | 36 | 0 | 11 | 10 | 0 | A | 3 |
| In oculo nebulosa duplex | ♑ | 7 | 46 | 0 | 0 | 25 | 0 | B | *neb.* |
| In humero dextro | ♑ | 15 | 6 | 0 | 2 | 10 | 0 | A | 5 |
| In scapulis | ♑ | 12 | 36 | 0 | 2 | 50 | 0 | A | 5 |



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| Nomina Fixarum | Longitudo Sig. | G. | I | II | Latitudo Gr. | I | II | | Magnitudo |
|---|---|---|---|---|---|---|---|---|---|
| In armo tertia trapezij | ♑ | 10 | 56 | 0 | 4 | 40 | 0 | A | 4 |
| Sub Axilla quarta trapezij | ♑ | 9 | 26 | 0 | 6 | 40 | 0 | A | 3 |
| In suffragine sinistra priori | ♑ | 10 | 16 | 0 | 23 | 20 | 0 | A | 2 |
| In genu eiusdem cruris | ♑ | 9 | 36 | 0 | 18 | 20 | 0 | A | 2 |
| In priori dextra suffragine | ♐ | 29 | 16 | 0 | 13 | 20 | 0 | A | 3 |
| In scapula sinistra | ♑ | 19 | 56 | 0 | 13 | 50 | 0 | A | 3 |
| In posteriori dextro genu | ♑ | 19 | 16 | 0 | 20 | 30 | 0 | A | 3 |
| In eductione caudæ prima | ♑ | 20 | 26 | 0 | 5 | 10 | 0 | A | 5 |
| Sequens eam in Terebello | ♑ | 21 | 26 | 0 | 5 | 10 | 0 | A | 5 |
| Ibidem præced. austrini lateris | ♑ | 21 | 11 | 0 | 6 | 10 | 0 | A | 5 |
| Ibidem sequens | ♑ | 22 | 6 | 0 | 6 | 50 | 0 | A | 5 |
| CAPRICORNVS. | | | | | | | | | |
| 1. Classis. | | | | | | | | | |
| Cornu præcedens, seu superius | ♑ | 29 | 44 | 27 | 7 | 3 | 11 | B | 3 |
| Cornu sequens inferius | ♑ | 29 | 57 | 27 | 4 | 42 | 10 | B | 3 |
| Caudæ præcedens lucida | ♒ | 17 | 40 | 27 | 2 | 24 | 50 | A | 3 |
| Caudæ sequens lucida | ♒ | 19 | 26 | 27 | 2 | 27 | 50 | A | 3 |
| 2. Classis. | | | | | | | | | |
| Media trium in cornu præced. | ♒ | 0 | 17 | 0 | 7 | 3 | 10 | B | 6 |
| Australis earundem | ♑ | 29 | 57 | 0 | 6 | 54 | 9 | B | 3 |
| Nebulosa supra cornu præced. | ♑ | 28 | 34 | 0 | 7 | 17 | 10 | B | neb. |
| Nebulosa Occidentalis basis trianguli in fronte | ♒ | 0 | 23 | 0 | 0 | 49 | 40 | B | neb. |
| Nebulosa orientalis | ♒ | 1 | 7 | 0 | 0 | 29 | 10 | B | neb. |
| Suprema eiusdem triãguli | ♒ | 1 | 3 | 0 | 1 | 21 | 8 | B | 6 |
| Nebulosa in fróte præced. | ♑ | 28 | 39 | 0 | 0 | 25 | 10 | B | neb. |
| In cervice duarum borea | ♒ | 4 | 15 | 0 | 3 | 26 | 10 | B | 6 |
| Ibidem australis | ♒ | 3 | 32 | 0 | 0 | 16 | 7 | B | 6 |
| Præced. in genu dext. obsc. | ♒ | 3 | 13 | 0 | 6 | 58 | 0 | A | 6 |
| Sequens in genu sinistro | ♒ | 3 | 54 | 0 | 9 | 1 | 0 | A | 6 |
| In sinistro armo | ♒ | 7 | 39 | 0 | 8 | 7 | 0 | A | 6 |
| Infima in ventre | ♒ | 12 | 50 | 30 | 6 | 55 | 0 | A | 5 |
| Sequens borea contiguarũ sub alueo | ♒ | 13 | 26 | 0 | 6 | 28 | 0 | A | 6 |
| Trium in ventre orientalior | ♒ | 10 | 49 | 0 | 4 | 24 | 0 | A | 6 |
| Infima earum | ♒ | 8 | 57 | 0 | 4 | 26 | 0 | A | 6 |
| Septentrionalis trium | ♒ | 8 | 44 | 0 | 3 | 0 | 0 | A | 5 |
| Duorum in dorso anteriori | ♒ | 9 | 47 | 0 | 0 | 28 | 0 | A | 5 |
| Sequens earum in dorso | ♒ | 13 | 33 | 0 | 1 | 15 | 30 | A | 5 |
| Antecedens duarũ ad Ilia | ♒ | 15 | 51 | 0 | 4 | 47 | 0 | A | 4 |
| Sequens earundem | ♒ | 17 | 32 | 0 | 4 | 48 | 0 | A | 5 |
| Anteced. in cauda superi | ♒ | 19 | 40 | 0 | 2 | 23 | 10 | B | 5 |
| In superiori cauda austral. | ♒ | 21 | 53 | 0 | 0 | 13 | 30 | A | 5 |
| Præcedens hanc ad Boreã | ♒ | 21 | 42 | 0 | 0 | 9 | 0 | A | 6 |
| Borea in extremo caudæ | ♒ | 21 | 20 | 0 | 4 | 18 | 10 | B | 6 |
| AQVARIVS. | | | | | | | | | |
| 1. Classis. | | | | | | | | | |
| Humeri dextri lucida | ♒ | 28 | 31 | 57 | 10 | 42 | 15 | B | 3 |
| Humeri sinistri lucida | ♒ | 19 | 13 | 27 | 8 | 42 | 15 | B | 3 |
| Manus sinistræ inferior | ♒ | 12 | 13 | 27 | 4 | 50 | 15 | B | 5 |
| In effusione Fomahant | ♒ | 29 | 36 | 43 | 20 | 59 | 40 | A | 1 |
| 2. Classis. | | | | | | | | | |
| In capite | ♒ | 23 | 49 | 0 | 15 | 23 | 15 | B | 6 |
| In humero dextro austral. | ♒ | 27 | 58 | 30 | 9 | 11 | 45 | B | 5 |
| De hac vide in fine signi. | | | | | | | | | |
| In dorso sub axilla | ♒ | 20 | 0 | 29 | 6 | 0 | 44 | B | 5 |
| Media in manu sinistra | ♒ | 8 | 51 | 0 | 8 | 19 | 16 | B | 5 |
| Antecedẽs lucidior manus | ♒ | 7 | 34 | 30 | 8 | 10 | 15 | B | 4 |
| In cubito dextro | ♓ | 2 | 32 | 28 | 8 | 17 | 45 | B | 3 |
| In dextra manu borealior | ♓ | 4 | 27 | 0 | 10 | 31 | 16 | B | 5 |
| Reliquarum duarum austr. præced. | ♓ | 4 | 45 | 30 | 8 | 52 | 46 | B | 4 |
| Sequens earum | ♓ | 6 | 15 | 29 | 8 | 10 | 15 | B | 4 |
| Precedẽs in Cotyla dextra | ♒ | 29 | 7 | 28 | 2 | 46 | 14 | B | 4 |
| Sequens in eadem | ♒ | 29 | 53 | 30 | 2 | 29 | 45 | B | 6 |
| In femore dextro | ♓ | 1 | 15 | 29 | 1 | 9 | 46 | A | 5 |
| Quæ ad Clunes | ♒ | 24 | 35 | 30 | 1 | 59 | 45 | A | 4 |

| Nomina Fixarum | Longitudo Sig. | G. | I | II | Latitudo Gr. | I | II | | Magnitudo |
|---|---|---|---|---|---|---|---|---|---|
| Schea in dextra tibia | ♓ | 4 | 44 | 28 | 8 | 9 | 45 | A | 3 |
| Borea tibiæ ad genu | ♓ | 4 | 27 | 30 | 5 | 36 | 46 | A | 5 |
| In coxa sinistra | ♓ | 1 | 2 | 29 | 5 | 39 | 44 | A | 6 |
| In sinistro genu australior | ♒ | 28 | 18 | 0 | 10 | 48 | 15 | A | 5 |
| In eodem borealior | ♓ | 1 | 12 | 30 | 9 | 37 | 15 | A | 6 |
| Prima à manu in effusione aquæ | ♓ | 5 | 14 | 29 | 4 | 8 | 45 | B | 4 |
| Succedens australis | ♓ | 7 | 26 | 30 | 0 | 19 | 15 | A | 4 |
| Sequens in primo flexu aquæ | ♓ | 10 | 22 | 28 | 1 | 23 | 46 | A | 6 |
| Quæ illam comitatur | ♓ | 13 | 0 | 30 | 0 | 59 | 45 | A | 5 |
| In altero flexu australi | ♓ | 12 | 13 | 29 | 2 | 48 | 46 | A | 5 |
| Præcedẽs borealior sequẽtium | ♓ | 12 | 5 | 30 | 3 | 58 | 15 | A | 5 |
| Sequens australior | ♓ | 12 | 33 | 29 | 4 | 10 | 14 | A | 5 |
| Prope hanc declinans ad austr. | ♓ | 12 | 37 | 0 | 4 | 45 | 45 | A | 5 |
| Post hanc contiguarum præced. | ♓ | 15 | 29 | 30 | 10 | 58 | 46 | A | 5 |
| Earundem sequens | ♓ | 16 | 0 | 29 | 11 | 32 | 45 | A | 5 |
| In 3. flexu aquæ borea triũ | ♓ | 14 | 25 | 30 | 14 | 28 | 47 | A | 5 |
| Media earum | ♓ | 15 | 8 | 28 | 15 | 16 | 15 | A | 6 |
| Sequens earum australis | ♓ | 16 | 6 | 30 | 16 | 22 | 45 | A | 6 |
| Trium sequẽtium borealis | ♓ | 9 | 17 | 0 | 14 | 44 | 46 | A | 5 |
| Media earum | ♓ | 9 | 43 | 0 | 15 | 29 | 45 | A | 5 |
| Australis earundem | ♓ | 11 | 12 | 30 | 16 | 30 | 46 | A | 5 |
| In vltimo flexu trium superior | ♓ | 5 | 47 | 29 | 14 | 25 | 15 | A | 5 |
| Media earum | ♓ | 5 | 24 | 30 | 15 | 39 | 47 | A | 5 |
| Infima earũ ppe Fomahãt | ♓ | 4 | 39 | 28 | 15 | 52 | 45 | A | 5 |
| 3. Classis. | | | | | | | | | |
| In dextro Clune | ♒ | 25 | 2 | 30 | 4 | 9 | 46 | A | 6 |
| Informium præced. post aquæ flexum | ♓ | 19 | 32 | 29 | 15 | 39 | 45 | A | 4 |
| Sequentium borealis | ♓ | 23 | 37 | 30 | 14 | 59 | 46 | A | 4 |
| Australis earum | ♓ | 21 | 42 | 30 | 18 | 19 | 41 | A | 4 |
| Aduerte Keplerum, & Lõgomontanũ posuisse humeri dextri longitudiuẽ in ♒ gr. 27. 49′ ½. vel gr. 27. 48′. Anno 1600. cum Tycho posuerit gr. 27. 9′ ½. quare excesserũt errore 40′. minutum. | | | | | | | | | |
| PISCES. | | | | | | | | | |
| 1. Classis. | | | | | | | | | |
| Piscis australis occiput | ♓ | 17 | 12 | 59 | 7 | 17 | 0 | B | 4 |
| Lucida in nexu lini | ♈ | 25 | 9 | 59 | 9 | 4 | 0 | B | 3 |
| 2. Classis. | | | | | | | | | |
| In ore Piscis austrini | ♓ | 14 | 24 | 30 | 9 | 4 | 30 | B | 5 |
| Borealis in occipite | ♓ | 18 | 53 | 0 | 8 | 55 | 0 | B | 6 |
| Præcedens duarũ in dorso | ♓ | 21 | 4 | 30 | 9 | 3 | 30 | B | 5 |
| Sequens in dorso | ♓ | 23 | 19 | 0 | 7 | 14 | 0 | B | 5 |
| Præcedens in aluo | ♓ | 18 | 43 | 29 | 4 | 27 | 30 | B | 5 |
| Sequens in aluo | ♓ | 22 | 22 | 30 | 3 | 25 | 28 | B | 5 |
| In cauda | ♓ | 28 | 24 | 29 | 6 | 24 | 0 | B | 5 |
| Supra hanc ad ortum | ♓ | 29 | 49 | 28 | 7 | 27 | 30 | B | 6 |
| Sequens | ♈ | 3 | 51 | 30 | 5 | 28 | 30 | B | 6 |
| In lino australi lucidior trium præcedens | ♈ | 9 | 58 | 29 | 2 | 11 | 30 | B | 4 |
| Earundem media | ♈ | 13 | 30 | 28 | 1 | 6 | 0 | B | 4 |
| Sequens | ♈ | 15 | 41 | 30 | 0 | 58 | 0 | B | 4 |
| In flexu lini borea | ♈ | 13 | 47 | 28 | 1 | 30 | 30 | A | 6 |
| Ibidem sequens australis | ♈ | 15 | 8 | 30 | 4 | 19 | 0 | A | 6 |
| Post flexum trium præcedens | ♈ | 18 | 55 | 28 | 3 | 2 | 30 | A | 5 |
| Media earum | ♈ | 21 | 18 | 0 | 4 | 40 | 0 | A | 5 |
| Sequens vltima | ♈ | 23 | 20 | 0 | 7 | 55 | 30 | A | 5 |
| In lino borea à nexu præcedens | ♈ | 23 | 34 | 29 | 1 | 38 | 0 | B | 5 |
| Post hanc trium australis | ♈ | 22 | 38 | 30 | 1 | 52 | 0 | B | 5 |

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| Nomina Fixarum | Longitudo Sig. | G. | I | II | Latitudo Gr. | I | II | | Magnitudo |
|---|---|---|---|---|---|---|---|---|---|
| Media in nexu boreo | ♈ | 22 | 38 | 30 | 5 | 21 | 30 | B | 4 |
| Borea, & vltima lini | ♈ | 22 | 59 | 0 | 9 | 24 | 28 | B | 5 |
| Borea in ore Piscis borei | ♈ | 24 | 37 | 30 | 22 | 0 | 30 | B | 6 |
| Australis ibidem | ♈ | 24 | 12 | 0 | 20 | 43 | 28 | B | 5 |
| Borea trianguli capitis | ♈ | 20 | 45 | 0 | 20 | 55 | 30 | B | 6 |
| Australis trianguli dicti | ♈ | 19 | 29 | 0 | 19 | 24 | 30 | B | 6 |
| Media, & antecedēs trianguli | ♈ | 18 | 26 | 0 | 20 | 24 | 29 | B | 6 |
| In spina australi prope cubitum sinist. Androm. | ♈ | 19 | 19 | 0 | 13 | 21 | 30 | B | 5 |
| Media post illam | ♈ | 19 | 25 | 0 | 12 | 22 | 0 | B | 6 |
| Infima illarum | ♈ | 19 | 31 | 30 | 11 | 21 | 30 | B | 6 |
| Borea duarum in aluo | ♈ | 24 | 40 | 29 | 17 | 26 | 29 | B | 5 |
| Quæ magis ad austrum | ♈ | 22 | 21 | 0 | 15 | 30 | 28 | B | 5 |
| Sequens media trium in Spina australi | ♈ | 29 | 22 | 30 | 12 | 28 | 0 | B | 5 |
| Sequens boream in aluo ad Boream | ♈ | 25 | 33 | 28 | 18 | 31 | 30 | B | 6 |
| In occipite piscis borei | ♈ | 23 | 3 | 30 | 23 | 3 | 29 | B | 6 |
| *3. Classis.* | | | | | | | | | |
| Informium in □ sub Pisce pri. borei later. præc. | ♓ | 19 | 32 | 30 | 15 | 39 | 30 | A | 4 |
| Sequens | ♓ | 24 | 32 | 29 | 2 | 24 | 30 | A | 4 |
| Australis lateris præcedens | ♓ | 23 | 37 | 30 | 5 | 34 | 29 | A | 4 |
| Sequens | ♓ | 24 | 52 | 28 | 5 | 29 | 30 | A | 4 |
| Prior sequentium hoc □ | ♈ | 2 | 37 | 30 | 4 | 35 | 29 | A | 5 |
| Posterior | ♈ | 7 | 33 | 29 | 4 | 23 | 30 | A | 5 |

## PARS SECVNDA
### Astra Borealia extra Zodiacum.

| Nomina Fixarum | Longitudo Sig. | G. | I | II | Latitudo B. Gr. | I | II | Magnitudo |
|---|---|---|---|---|---|---|---|---|
| **VRSA MINOR.** | | | | | | | | |
| *1. Classis.* | | | | | | | | |
| Extrema caudæ, nunc Polaris | ♊ | 24 | 26 | 47 | 65 | 59 | 50 | 2 |
| Lucida hum. olim Polaris tempore Eudoxi | ♌ | 8 | 45 | 7 | 72 | 48 | 40 | 2 |
| Seu superior duarum □ præced. | | | | | | | | |
| *2. Classis.* | | | | | | | | |
| Penultima caudæ | ♊ | 27 | 6 | 0 | 69 | 46 | 30 | 4 |
| Quæ in radice caudæ | ♋ | 4 | 54 | 0 | 73 | 46 | 0 | 4 |
| Superior duarum in □ sequentium | ♋ | 22 | 59 | 0 | 74 | 56 | 0 | 4 |
| Inferior earum | ♋ | 26 | 22 | 0 | 77 | 34 | 30 | 5 |
| Inferior præcedentiū in □ | ♌ | 16 | 11 | 0 | 75 | 19 | 30 | 3 |
| Informis ad caput Vrsę australior | ♌ | 4 | 24 | 0 | 71 | 20 | 0 | 6 |
| Quæ super hanc | ♋ | 28 | 50 | 0 | 70 | 15 | 0 | 6 |
| Prima informium in linea recta cum Polo | ♊ | 18 | 47 | 0 | 35 | 47 | 0 | 6 |
| Secunda | ♊ | 18 | 58 | 0 | 37 | 17 | 0 | 6 |
| Tertia obscura | ♊ | 19 | 17 | 0 | 40 | 10 | 0 | 6 |
| Quarta | ♊ | 19 | 33 | 0 | 42 | 53 | 10 | 6 |
| Prima informis circa Polarem | ♊ | 23 | 8 | 0 | 57 | 52 | 0 | 6 |
| Secunda | ♊ | 23 | 25 | 0 | 70 | 39 | 0 | 6 |
| Tertia | ♊ | 26 | 1 | 0 | 69 | 0 | 0 | 6 |
| Quarta | ♊ | 16 | 37 | 0 | 68 | 1 | 0 | 6 |
| Quinta | ♊ | 8 | 52 | 0 | 67 | 40 | 0 | 6 |
| Sexta | ♊ | 11 | 27 | 0 | 67 | 19 | 0 | 6 |
| Vicinissima Polo | ♊ | 28 | 0 | 0 | 63 | 52 | 0 | 6 |
| **VRSA MAIOR.** | | | | | | | | |
| *1. Classis.* | | | | | | | | |
| Lucida humeri Dubhe | ♌ | 10 | 59 | 27 | 49 | 40 | 10 | 2 |
| Lucida lateris sub Dubhe | ♌ | 15 | 7 | 57 | 45 | 5 | 40 | 2 |

| Nomina Fixarum | Longitudo Sig. | G. | I | II | Latitudo B. Gr. | I | II | Magnitudo |
|---|---|---|---|---|---|---|---|---|
| Coxæ posterioris lucida | ♌ | 26 | 10 | 12 | 47 | 8 | 40 | 2 |
| Tergoris lucida ad caudā | ♌ | 26 | 49 | 57 | 51 | 37 | 10 | 2 |
| Caudæ radix, seu prima | ♍ | 4 | 36 | 27 | 54 | 27 | 45 | 2 |
| Media caudæ | ♍ | 11 | 21 | 53 | 56 | 21 | 10 | 2 |
| Vltima caudæ | ♍ | 22 | 37 | 7 | 54 | 24 | 10 | 2 |
| *2. Classis.* | | | | | | | | |
| Quæ in rostro | ♋ | 19 | 2 | 30 | 40 | 2 | 45 | 4 |
| Sub oculo sinistro | ♋ | 18 | 36 | 0 | 43 | 55 | 43 | 4 |
| Contigua sub hac | ♋ | 17 | 34 | 0 | 44 | 22 | 15 | 5 |
| Supra oculum dextrum | ♋ | 19 | 51 | 0 | 47 | 50 | 50 | 5 |
| Supra oculum sinistrum | ♋ | 21 | 10 | 30 | 47 | 44 | 46 | 4 |
| Ad aurem sinistram | ♋ | 26 | 8 | 30 | 51 | 36 | 42 | 5 |
| Infima in parup Δ colli | ♋ | 25 | 16 | 0 | 42 | 30 | 20 | 5 |
| Sequens in eodem Triang. | ♋ | 26 | 28 | 0 | 45 | 3 | 16 | 4 |
| Suprema in Apice eiusd. Δ | ♋ | 29 | 25 | 0 | 46 | 21 | 48 | 5 |
| Succedens ei in collo | ♌ | 2 | 8 | 0 | 42 | 36 | 18 | 4 |
| Sequens infra hanc | ♌ | 5 | 3 | 30 | 38 | 15 | 45 | 4 |
| In genu sinistro anteriori | ♌ | 1 | 57 | 30 | 34 | 34 | 46 | 3 |
| In dextro pede borealior | ♋ | 27 | 21 | 0 | 29 | 15 | 48 | 3 |
| Australior ibidem | ♋ | 28 | 35 | 0 | 28 | 38 | 20 | 5 |
| Infra genu dextrum | ♋ | 28 | 32 | 0 | 33 | 30 | 19 | 5 |
| In ipso genu dextro | ♋ | 28 | 51 | 0 | 36 | 6 | 15 | 5 |
| Superior sinistri pedis posterior. | ♌ | 15 | 21 | 30 | 29 | 51 | 45 | 4 |
| Sequens, & australior | ♌ | 16 | 30 | 30 | 28 | 45 | 16 | 4 |
| In genu precedente poster. | ♌ | 23 | 58 | 0 | 35 | 14 | 15 | 4 |
| Præcedens in dextro pede poster. | ♍ | 2 | 15 | 0 | 26 | 14 | 18 | 4 |
| Sequens, & australior | ♍ | 3 | 1 | 0 | 24 | 54 | 20 | 4 |
| Informis inter caudas Vrsæ, & Leonis | ♍ | 19 | 8 | 30 | 40 | 6 | 20 | 2 |
| Quæ in dorso | ♌ | 29 | 35 | 0 | 41 | 30 | 15 | 4 |
| In sinistro pede posteriori | ♌ | 22 | 27 | 30 | 33 | 1 | 20 | 5 |
| Inform. inter Vrsam, & caput Leonis | ♌ | 7 | 42 | 0 | 17 | 55 | 18 | 3 |
| Quæ supra hanc ad ortum | ♌ | 9 | 35 | 0 | 20 | 42 | 20 | 4 |
| Quæ hanc præcedit | ♌ | 6 | 25 | 10 | 20 | 5 | 16 | 4 |
| Sequens duarum ante has | ♌ | 3 | 22 | 0 | 20 | 51 | 18 | 4 |
| Earum præcedens | ♌ | 1 | 7 | 0 | 23 | 41 | 20 | 4 |
| Inter pedē, & cap. Leonis | ♌ | 15 | 37 | 0 | 21 | 53 | 19 | 4 |
| Sequens borealis | ♌ | 20 | 26 | 0 | 25 | 4 | 17 | 4 |
| Sequens australis | ♌ | 21 | 32 | 0 | 24 | 50 | 20 | 3 |
| Præcedēs in basi Oxygonij | ♌ | 24 | 47 | 0 | 21 | 28 | 19 | 3 |
| Sequens | ♌ | 27 | 34 | 0 | 20 | 44 | 20 | 3 |
| Tertia boreal. in dicta basi | ♌ | 26 | 44 | 0 | 24 | 58 | 15 | 4 |
| Quæ inter crura Vrsæ | ♍ | 13 | 41 | 0 | 40 | 30 | 18 | 5 |
| Prima inter caudam, & corpus | ♋ | 22 | 54 | 0 | 58 | 8 | 10 | 6 |
| Secunda | ♋ | 25 | 30 | 0 | 47 | 14 | 6 | 6 |
| Tertia | ♋ | 21 | 14 | 0 | 47 | 30 | 12 | 6 |
| Primam inter Vrsam, & Caput ♌ | ♋ | 24 | 42 | 0 | 46 | 50 | 15 | 6 |
| Secunda | ♌ | 5 | 33 | 0 | 47 | 55 | 16 | 6 |
| Tertia | ♍ | 7 | 25 | 0 | 48 | 40 | 14 | 6 |
| Quarta | ♍ | 7 | 55 | 0 | 49 | 42 | 18 | 6 |
| Quinta | ♍ | 7 | 44 | 0 | 49 | 42 | 15 | 6 |
| Sexta | ♍ | 20 | 30 | 0 | 49 | 0 | 18 | 6 |
| Septima | ♍ | 19 | 26 | 0 | 49 | 27 | 12 | 6 |
| Octaua | ♍ | 27 | 7 | 0 | 48 | 11 | 15 | 6 |
| Nona | ♍ | 17 | 27 | 0 | 52 | 25 | 14 | 6 |
| Paruula tangens coxam | ♌ | 3 | 6 | 0 | 35 | 40 | 15 | 6 |
| **DRACO.** | | | | | | | | |
| *1. Classis.* | | | | | | | | |
| Lucida sequens in capite | ♐ | 23 | 46 | 7 | 75 | 2 | 10 | 3 |
| *2. Classis.* | | | | | | | | |
| Quæ in lingua | ♍ | 20 | 18 | 30 | 76 | 16 | 0 | 4 |
| Quæ in ore | ♐ | 5 | 36 | 30 | 78 | 14 | 30 | 4 |
| In capite præcedens | ♐ | 7 | 41 | 30 | 75 | 20 | 0 | 3 |
| Quæ ad genam | ♐ | 20 | 25 | 0 | 80 | 29 | 30 | 4 |
| 1. Trium in flexu colli | ♑ | 18 | 26 | 0 | 81 | 52 | 0 | 5 |
| Australis ibidem | ♑ | 25 | 53 | 0 | 77 | 56 | 0 | 5 |
| Media earum | ♑ | 21 | 55 | 30 | 79 | 50 | 30 | 5 |

Se-

| Nomina Fixarum | Longitudo Sig. | G. | I | II | Latitudo B. Gr. | I | II | Magnitudo |
|---|---|---|---|---|---|---|---|---|
| Sequens ad ortum | ♒ | 10 | 51 | 0 | 80 | 52 | 29 | 4 |
| Prope secundum flexum | ♓ | 29 | 55 | 0 | 81 | 50 | 0 | 4 |
| Borea □ secundi flexus | ♈ | 13 | 48 | 30 | 82 | 48 | 0 | 3 |
| Borea lateris sequentis | ♈ | 16 | 45 | 0 | 78 | 8 | 30 | 4 |
| Australis eiusdem lateris | ♈ | 29 | 9 | 0 | 79 | 24 | 0 | 3 |
| Sequentis △ præcedens | ♉ | 16 | 40 | 0 | 83 | 4 | 0 | 4 |
| Sequens hanc ad austrum | ♉ | 21 | 2 | 30 | 80 | 37 | 0 | 4 |
| Quæ supra hanc | ♈ | 28 | 6 | 0 | 80 | 53 | 0 | 4 |
| In reliquo △ sequens | ♋ | 7 | 56 | 30 | 83 | 3 | 30 | 4 |
| Australis eiusdem | ♋ | 2 | 50 | 0 | 83 | 27 | 30 | 4 |
| Præcedens borea Triãguli | ♊ | 6 | 53 | 0 | 84 | 47 | 0 | 4 |
| In flexu nodi tertij | ♍ | 1 | 6 | 30 | 81 | 3 | 30 | 3 |
| Polo Zodiaci proxima | ♌ | 7 | 48 | 0 | 86 | 52 | 0 | 4 |
| Quæ 24. sequitur | ♍ | 29 | 43 | 0 | 83 | 17 | 0 | 5 |
| Succedens huic | ♍ | 29 | 44 | 0 | 81 | 40 | 0 | 5 |
| Polo vicinior | ♍ | 28 | 13 | 30 | 84 | 48 | 0 | 3 |
| Præcedens ante penultimã ab extremo flexu | ♎ | 9 | 17 | 0 | 78 | 31 | 0 | 3 |
| Ante penult. flexũ præced. | ♎ | 13 | 50 | 30 | 74 | 10 | 30 | 3 |
| Penultima ad flexum | ♎ | 0 | 44 | 0 | 71 | 3 | 0 | 3 |
| Flexum sequens secunda | ♍ | 0 | 39 | 0 | 65 | 17 | 0 | 5 |
| Flexum proximè sequens | ♍ | 3 | 32 | 30 | 65 | 35 | 0 | 2 |
| Penultima caudæ | ♌ | 11 | 48 | 0 | 61 | 32 | 0 | 3 |
| Vltima caudæ | ♌ | 5 | 59 | 30 | 57 | 6 | 0 | 3 |
| Informis inter 11. & Cephei brachium | ♈ | 2 | 26 | 0 | 77 | 30 | 30 | 5 |
| CEPHEVS. | | | | | | | | |
| 1. Classis. | | | | | | | | |
| Cingulum Cephei | ♉ | 1 | 36 | 30 | 71 | 8 | 30 | 3 |
| 2. Classis. | | | | | | | | |
| Lucida humeri | ♈ | 8 | 36 | 30 | 68 | 56 | 30 | 3 |
| In sinistro humero | ♈ | 29 | 17 | 0 | 62 | 36 | 25 | 4 |
| Sequens in tiara ad Boreã | ♈ | 9 | 52 | 30 | 61 | 4 | 30 | 4 |
| Australis | ♈ | 9 | 19 | 0 | 60 | 0 | 20 | 4 |
| Quæ versus ortum | ♈ | 15 | 2 | 30 | 58 | 47 | 30 | 4 |
| In flexu brachij australior | ♈ | 1 | 43 | 30 | 71 | 50 | 25 | 4 |
| Ibidem borealior | ♈ | 0 | 17 | 30 | 74 | 1 | 50 | 4 |
| Quæ in humeris | ♈ | 20 | 9 | 28 | 65 | 43 | 25 | 5 |
| In pede dextro | ♉ | 28 | 56 | 30 | 75 | 28 | 30 | 4 |
| In pede sinistro | ♉ | 25 | 46 | 30 | 64 | 29 | 25 | 3 |
| 3. Classis. | | | | | | | | |
| Informis prope Tiaram | ♈ | 5 | 53 | 30 | 64 | 2 | 30 | 5 |
| BOOTES, seu ARCTOPHYLAX. | | | | | | | | |
| 1. Classis. | | | | | | | | |
| Arcturus in fimbria | ♎ | 20 | 4 | 27 | 31 | 0 | 40 | 1 |
| In humero sinistro | ♎ | 14 | 30 | 27 | 49 | 51 | 30 | 3 |
| 2. Classis. | | | | | | | | |
| In sinistra manu præcedens | ♍ | 25 | 34 | 30 | 58 | 51 | 30 | 4 |
| Secunda | ♍ | 26 | 58 | 0 | 58 | 49 | 30 | 4 |
| Tertia | ♍ | 28 | 24 | 30 | 60 | 3 | 40 | 4 |
| In vlna sinistra | ♎ | 2 | 43 | 0 | 54 | 38 | 29 | 4 |
| In capite | ♎ | 20 | 8 | 30 | 54 | 14 | 0 | 3 |
| In dextro humero supra Coronam | ♎ | 28 | 54 | 30 | 48 | 59 | 30 | 3 |
| In coxa infra brachium dext. | ♎ | 23 | 54 | 30 | 40 | 38 | 28 | 3 |
| Infima duarum in dorso | ♎ | 19 | 41 | 0 | 42 | 9 | 32 | 4 |
| Superior earum | ♎ | 18 | 42 | 30 | 42 | 34 | 0 | 4 |
| In Crure dextro | ♎ | 28 | 51 | 30 | 27 | 55 | 33 | 3 |
| Cruris superior | ♎ | 15 | 7 | 0 | 28 | 7 | 30 | 3 |
| Media Cruris | ♎ | 13 | 50 | 0 | 26 | 31 | 29 | 4 |
| Infima Cruris | ♎ | 15 | 20 | 0 | 25 | 12 | 32 | 4 |
| Circa genu infima 3. informium | ♎ | 27 | 38 | 0 | 30 | 26 | 0 | 4 |
| Media | ♎ | 28 | 36 | 0 | 31 | 20 | 29 | 4 |
| Superior | ♎ | 29 | 17 | 0 | 33 | 50 | 30 | 4 |
| Præced. de quatuor manus dext. | ♎ | 29 | 36 | 0 | 40 | 13 | 0 | 5 |
| Sequens Australis | ♍ | 1 | 5 | 0 | 40 | 30 | 0 | 5 |
| & Borealis | ♎ | 29 | 18 | 0 | 42 | 14 | 30 | 5 |

| Nomina Fixarum | Longitudo Sig. | G. | I | II | Latitudo B. Gr. | I | II | Magnitudo |
|---|---|---|---|---|---|---|---|---|
| Quæ hanc sequitur | ♍ | 0 | 41 | 0 | 41 | 53 | 29 | 6 |
| Præcedẽs in Colorobo australis | ♍ | 1 | 9 | 30 | 45 | 4 | 30 | 5 |
| Sequens | ♍ | 2 | 51 | 30 | 46 | 50 | 28 | 5 |
| Superior in Colorobo | ♎ | 29 | 57 | 0 | 53 | 26 | 0 | 4 |
| Informis circa hanc | ♎ | 4 | 0 | 0 | 53 | 58 | 29 | 4 |
| Informis duarum supra caput | ♎ | 13 | 14 | 0 | 60 | 38 | 28 | 6 |
| Secunda ipsarum | ♎ | 13 | 58 | 0 | 60 | 50 | 30 | 6 |
| 3. Classis. | | | | | | | | |
| In Venabulo | ♍ | 0 | 10 | 0 | 45 | 43 | 30 | 4 |
| CORONA BOREA. | | | | | | | | |
| 1. Classis. | | | | | | | | |
| Lucida Coronæ | ♍ | 8 | 12 | 27 | 44 | 25 | 20 | 2 |
| 2. Classis. | | | | | | | | |
| Præcedens lucidam | ♍ | 5 | 1 | 0 | 46 | 8 | 0 | 4 |
| Quæ supra hanc | ♍ | 4 | 34 | 30 | 48 | 25 | 0 | 5 |
| Sequens ad Boream | ♍ | 9 | 26 | 0 | 50 | 21 | 0 | 6 |
| Sequens lucidam | ♍ | 10 | 38 | 30 | 44 | 33 | 0 | 4 |
| Proximè sequens | ♍ | 12 | 49 | 0 | 44 | 52 | 0 | 4 |
| Quæ hanc comitatur | ♍ | 14 | 56 | 0 | 46 | 9 | 30 | 4 |
| Vltima omnium | ♍ | 14 | 26 | 0 | 48 | 24 | 0 | 6 |
| HERCVLES, seu ENGONASI. | | | | | | | | |
| 1. Classis. | | | | | | | | |
| Caput Herculis | ♐ | 11 | 58 | 7 | 37 | 22 | 15 | 3 |
| Humerus dexter | ♍ | 26 | 54 | 37 | 42 | 47 | 15 | 3 |
| Humerus sinister | ♐ | 10 | 37 | 7 | 47 | 46 | 15 | 3 |
| 2. Classis. | | | | | | | | |
| Penultima brachij dextri | ♍ | 25 | 2 | 10 | 40 | 5 | 0 | 3 |
| Infima in dextro brachio | ♍ | 21 | 32 | 40 | 37 | 18 | 15 | 4 |
| In brachio sinistro | ♐ | 15 | 48 | 9 | 49 | 22 | 14 | 4 |
| Præcedẽs in spolio Leonis | ♐ | 21 | 2 | 12 | 51 | 16 | 0 | 4 |
| Sequens in Triãgulo spolij | ♐ | 28 | 45 | 10 | 52 | 18 | 20 | 4 |
| In basi triãguli ad boream | ♐ | 28 | 45 | 8 | 53 | 45 | 16 | 4 |
| Media in spolio | ♐ | 25 | 4 | 10 | 52 | 46 | 20 | 4 |
| In coxa sinistra | ♍ | 27 | 28 | 12 | 53 | 10 | 0 | 3 |
| Hãc orientalior in fem. sinistro | ♐ | 4 | 11 | 40 | 53 | 20 | 18 | 3 |
| Præced. trium contiguar. femoris | ♐ | 7 | 47 | 40 | 59 | 37 | 15 | 4 |
| Media earum | ♐ | 8 | 45 | 12 | 60 | 11 | 0 | 4 |
| Sequens | ♐ | 11 | 13 | 40 | 60 | 13 | 0 | 4 |
| In genu sinistro | ♐ | 27 | 22 | 10 | 60 | 46 | 17 | 3 |
| In sinist. sura ad Cap. drac. | ♐ | 15 | 43 | 9 | 69 | 21 | 20 | 3 |
| Præc. trium in pede sinistr. | ♐ | 8 | 31 | 40 | 71 | 19 | 17 | 6 |
| Media earum | ♐ | 12 | 33 | 10 | 71 | 13 | 0 | 6 |
| Vltima nebulosa | ♐ | 19 | 26 | 8 | 71 | 4 | 18 | neb. |
| In superiori femore dextro | ♍ | 24 | 34 | 40 | 60 | 22 | 0 | 3 |
| Borealior in eadem | ♍ | 19 | 15 | 39 | 63 | 13 | 20 | 4 |
| In genu dextro | ♍ | 10 | 9 | 40 | 65 | 54 | 15 | 4 |
| In superiore sura | ♍ | 7 | 23 | 12 | 63 | 50 | 14 | 4 |
| In crure | ♍ | 4 | 9 | 10 | 64 | 22 | 15 | 4 |
| Præcedens in crure dextr. | ♍ | 17 | 58 | 17 | 62 | 28 | 17 | 5 |
| In tibia pedis dextri | ♍ | 3 | 54 | 38 | 60 | 15 | 0 | 4 |
| Extrema in pede dextro | ♍ | 28 | 32 | 8 | 57 | 15 | 0 | 4 |
| 3. Classis. | | | | | | | | |
| In coxa finist. præcedens | ♐ | 2 | 46 | 10 | 55 | 54 | 15 | 5 |
| Sequens in eadem | ♐ | 3 | 56 | 8 | 58 | 14 | 16 | 5 |
| Informis dext. brachij aust. | ♍ | 26 | 15 | 10 | 57 | 29 | 17 | 5 |
| LYRA, seu VVLTVR VOLANS. | | | | | | | | |
| 1. Classis. | | | | | | | | |
| Lucida Lyræ | ♑ | 11 | 6 | 27 | 61 | 47 | 0 | 1 |
| 2. Classis. | | | | | | | | |
| Supra lucidã ad Aquilonẽ | ♑ | 14 | 37 | 30 | 62 | 26 | 30 | 5 |
| Infra lucidam ad Eurum | ♑ | 13 | 49 | 28 | 60 | 25 | 31 | 5 |
| In eductione cornuum | ♑ | 17 | 34 | 0 | 59 | 25 | 29 | 4 |
| Duarum contiguarum ad Boream | ♑ | 25 | 56 | 0 | 60 | 45 | 30 | 5 |

Earun-

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| Nomina Fixarum | Longitudo Sig. | G. | ′ | ″ | Latitudo B. Gr. | ′ | ″ | Magnitudo |
|---|---|---|---|---|---|---|---|---|
| Earundem ad Austrum | ♑ | 26 | 25 | 30 | 59 | 40 | 28 | 5 |
| In iugo præced. & borealis | ♑ | 14 | 40 | 0 | 56 | 4 | 30 | 3 |
| Parua sub hac | ♑ | 14 | 27 | 0 | 55 | 15 | 29 | 6 |
| In iugo sequentium borea | ♑ | 17 | 34 | 30 | 55 | 5 | 30 | 5 |
| Parua sub hac | ♑ | 17 | 43 | 29 | 54 | 31 | 0 | 6 |
| In medio ferè corpore | ♑ | 22 | 15 | 30 | 58 | 5 | 30 | 5 |
| **CYGNVS.** | | | | | | | | |
| *1. Classis.* | | | | | | | | |
| Rostrum Cygni | ♑ | 27 | 5 | 31 | 44 | 3 | 0 | 3 |
| Lucida pectoris antiqua | ♒ | 20 | 46 | 40 | 57 | 10 | 20 | 3 |
| Cauda Cygni | ♓ | 1 | 15 | 12 | 59 | 57 | 20 | 2 |
| Alæ superioris ancon. | ♒ | 12 | 14 | 47 | 64 | 28 | 50 | 3 |
| Alæ inferioris ancon. | ♒ | 23 | 31 | 17 | 49 | 27 | 0 | 3 |
| *2. Classis.* | | | | | | | | |
| Quæ in Capite | ♒ | 0 | 46 | 0 | 50 | 43 | 0 | 5 |
| In medio colli | ♒ | 8 | 59 | 0 | 54 | 20 | 0 | 4 |
| Trium in superiori ala Australi | ♒ | 14 | 43 | 0 | 69 | 43 | 0 | 4 |
| Penultima superioris alæ | ♒ | 14 | 1 | 30 | 71 | 32 | 0 | 4 |
| Vltima superioris alæ | ♒ | 10 | 58 | 30 | 73 | 51 | 30 | 4 |
| In medio inferioris alæ | ♒ | 25 | 40 | 0 | 51 | 42 | 30 | 4 |
| Extrema inferioris alæ | ♒ | 29 | 5 | 0 | 43 | 45 | 0 | 3 |
| Præcedēs in pede inferiori | ♓ | 1 | 54 | 0 | 55 | 0 | 0 | 4 |
| Sequens in genu inferiori | ♓ | 6 | 43 | 30 | 56 | 37 | 10 | 4 |
| Contiguar. in super. pede præcedens, & Austr. | ♒ | 24 | 12 | 0 | 63 | 38 | 2 | 4 |
| Earum superior Borealis | ♒ | 25 | 56 | 30 | 64 | 18 | 30 | 4 |
| Inferior informium sequēs alam dextram | ♓ | 4 | 25 | 30 | 50 | 34 | 0 | 4 |
| Earundem superior | ♓ | 6 | 15 | 30 | 51 | 32 | 0 | 4 |
| Infra alam versus pedem Pegasi | ♓ | 5 | 55 | 0 | 38 | 40 | 3 | 3 |
| Duarum versus Lyram præced. | ♑ | 21 | 19 | 0 | 66 | 16 | 2 | 4 |
| Sequens borealior | ♑ | 26 | 11 | 30 | 68 | 53 | 0 | 4 |
| Paruula ad volam alæ | ♒ | 14 | 53 | 0 | 69 | 40 | 2 | 4 |
| Ad inferiorem alam | ♒ | 19 | 37 | 0 | 53 | 13 | 0 | 6 |
| Ad superiorem alam | ♒ | 14 | 40 | 0 | 69 | 43 | 0 | 6 |
| ✳ Noua in Pectore Cygni Erat Anno 1600. in Nobis Anno 1659. Nouēb. | ♒ | 16 | 15 | 0 | 55 | 30 | 0 | 3 |
| | ♒ | 16 | 31 | 10 | 55 | 24 | 10 | 3 |
| In dextro genu nebul. | ♓ | 4 | 22 | 0 | 63 | 21 | 0 | neb. |
| **CASSIOPEIA.** | | | | | | | | |
| *1. Classis.* | | | | | | | | |
| Lucida Cathedræ | ♈ | 0 | 55 | 47 | 51 | 17 | 0 | 3 |
| Pectoris schedir | ♈ | 3 | 39 | 27 | 46 | 36 | 50 | 3 |
| Flexura | ♈ | 9 | 49 | 27 | 48 | 47 | 50 | 3 |
| In genu | ♈ | 13 | 42 | 57 | 46 | 25 | 50 | 3 |
| *2. Classis.* | | | | | | | | |
| Quæ in Capite | ♈ | 0 | 57 | 0 | 44 | 42 | 0 | 4 |
| In cingulo | ♈ | 6 | 0 | 0 | 47 | 6 | 30 | 4 |
| In crure | ♈ | 20 | 35 | 30 | 47 | 30 | 29 | 3 |
| Extrema pedis | ♈ | 28 | 1 | 0 | 48 | 55 | 31 | 4 |
| In brachio sinistro | ♈ | 7 | 36 | 30 | 43 | 8 | 0 | 4 |
| In cubito sinistro | ♈ | 6 | 38 | 0 | 43 | 29 | 30 | 5 |
| In cubito dextro | ♉ | 26 | 1 | 0 | 49 | 26 | 0 | 6 |
| In eductione sedis | ♈ | 8 | 28 | 0 | 51 | 16 | 0 | 4 |
| Cathedræ extrema | ♉ | 26 | 56 | 0 | 51 | 9 | 28 | 6 |
| In extremitate sellæ | ♉ | 26 | 54 | 0 | 52 | 40 | 30 | 5 |
| In recta ferè linea cum 11. & 17. | ♈ | 20 | 50 | 0 | 52 | 49 | 29 | 6 |
| Scabelli extrema | ♈ | 23 | 43 | 0 | 56 | 14 | 30 | 6 |
| Media scabelli | ♉ | 25 | 45 | 0 | 54 | 28 | 31 | 6 |
| vel ex Longomontano | ♉ | 23 | 54 | 0 | 54 | 28 | 31 | 6 |
| In scabello ad plantā pedis | ♈ | 23 | 20 | 0 | 52 | 10 | 0 | 6 |
| Quæ sequitur genu | ♈ | 24 | 19 | 30 | 44 | 59 | 0 | 6 |
| Quæ genu præcedit | ♈ | 11 | 22 | 0 | 45 | 6 | 0 | 6 |
| Vmbilici gyrus | ♈ | 8 | 14 | 0 | 47 | 33 | 0 | 6 |
| Paruula ad crines | ♈ | 0 | 32 | 0 | 45 | 39 | 30 | 6 |
| Sequens Boreal. in Virga | ♈ | 0 | 54 | 0 | 41 | 16 | 28 | 6 |
| Earum præcedens | ♉ | 29 | 19 | 0 | 41 | 27 | 0 | 6 |

| Nomina Fixarum | Longitudo Sig. | G. | ′ | ″ | Latitudo B. Gr. | ′ | ″ | Magnitudo |
|---|---|---|---|---|---|---|---|---|
| Penultima Virgæ | ♉ | 28 | 18 | 0 | 39 | 17 | 0 | 6 |
| Vltima Virgæ | ♉ | 28 | 16 | 30 | 38 | 10 | 29 | 6 |
| Trium infra scabellū præc. Septentr. | ♊ | 3 | 8 | 0 | 53 | 17 | 28 | 6 |
| Sequens Septentrionalis | ♊ | 7 | 34 | 0 | 53 | 33 | 29 | 6 |
| Earum Australis | ♊ | 1 | 33 | 0 | 52 | 5 | 30 | 6 |
| Supra has versus Polum | ♊ | 8 | 7 | 0 | 59 | 9 | 28 | 6 |
| Prima inter Aurigam, & Cassiop. | ♊ | 18 | 39 | 0 | 35 | 51 | 30 | 6 |
| Secunda | ♊ | 28 | 41 | 0 | 35 | 49 | 28 | 6 |
| Tertia | ♋ | 3 | 55 | 0 | 34 | 50 | 30 | 6 |
| Quarta | ♋ | 4 | 22 | 0 | 30 | 23 | 28 | 6 |
| Trium in Boream prima | ♋ | 2 | 7 | 0 | 44 | 11 | 30 | 6 |
| Secunda | ♋ | 2 | 19 | 0 | 45 | 33 | 28 | 6 |
| Tertia | ♊ | 27 | 37 | 0 | 45 | 33 | 29 | 6 |
| Quæ magis in Boream, & prima versus Vrsam | ♋ | 1 | 32 | 0 | 54 | 44 | 30 | 6 |
| Secunda | ♊ | 29 | 7 | 0 | 56 | 16 | 28 | 6 |
| Tertia | ♋ | 5 | 35 | 0 | 56 | 56 | 30 | 6 |
| Quarta | ♋ | 1 | 20 | 0 | 59 | 19 | 28 | 6 |
| Quinta | ♋ | 9 | 16 | 0 | 60 | 48 | 30 | 6 |
| Sexta | ♋ | 11 | 36 | 0 | 62 | 5 | 28 | 6 |
| Septima | ♋ | 10 | 59 | 0 | 62 | 47 | 30 | 6 |
| Octaua | ♋ | 22 | 20 | 0 | 63 | 18 | 29 | 6 |
| Noua Anno 1572. erat | ♉ | 6 | 54 | 0 | 53 | 45 | 0 | 6 |
| **PERSEVS.** | | | | | | | | |
| *1. Classis.* | | | | | | | | |
| Lucidum latus Persei | ♉ | 27 | 39 | 55 | 30 | 5 | 40 | 2 |
| Sub plāta communis cum ♉ cornu bor. | ♊ | 18 | 22 | 47 | 5 | 20 | 30 | 2 |
| Caput Medusæ | ♉ | 22 | 5 | 57 | 22 | 22 | 40 | 3 |
| *2. Classis.* | | | | | | | | |
| Inuoluta in extremo man⁹ dextræ | ♉ | 19 | 59 | 0 | 39 | 1 | 10 | 6 |
| In cubito dextro | ♈ | 24 | 37 | 0 | 37 | 29 | 12 | 4 |
| In humero dextro | ♈ | 25 | 54 | 30 | 34 | 30 | 40 | 3 |
| In humero sinistro | ♈ | 20 | 32 | 30 | 31 | 35 | 8 | 4 |
| In vertice capitis | ♈ | 23 | 18 | 0 | 34 | 26 | 40 | 5 |
| Quæ in dorso | ♈ | 25 | 1 | 0 | 50 | 37 | 0 | 4 |
| Infra lateris lucidam | ♈ | 28 | 32 | 30 | 27 | 59 | 38 | 5 |
| Parua hanc sequens | ♈ | 29 | 41 | 30 | 27 | 55 | 40 | 5 |
| Ad flexum lateris | ♊ | 0 | 53 | 0 | 27 | 14 | 39 | 3 |
| In cubito sinistro | ♈ | 23 | 34 | 0 | 26 | 4 | 40 | 4 |
| Quæ sub capite Medusæ | ♈ | 21 | 59 | 0 | 20 | 54 | 38 | 5 |
| Hanc præcedens | ♈ | 20 | 46 | 0 | 20 | 33 | 40 | 4 |
| Præcedens ad Bor. in cap. Medusæ | ♈ | 19 | 48 | 0 | 21 | 35 | 40 | 4 |
| In poplite dextro | ♊ | 7 | 41 | 30 | 28 | 23 | 10 | 5 |
| Quæ præcedit genu dextr. | ♊ | 5 | 39 | 30 | 28 | 50 | 40 | 4 |
| Præc. flexum genu | ♊ | 5 | 33 | 0 | 26 | 11 | 38 | 5 |
| Media in genu dextro | ♊ | 6 | 42 | 0 | 26 | 39 | 40 | 4 |
| Infra genu dextrum | ♊ | 7 | 28 | 0 | 24 | 35 | 39 | 6 |
| In planta pedis dextri | ♊ | 9 | 29 | 0 | 18 | 56 | 40 | 5 |
| In sinistro femore | ♈ | 29 | 39 | 0 | 22 | 6 | 38 | 4 |
| In genu sinistro | ♊ | 1 | 36 | 0 | 19 | 4 | 39 | 3 |
| In crure sinistro | ♊ | 0 | 51 | 30 | 14 | 54 | 0 | 5 |
| In sinistro calcaneo | ♈ | 26 | 51 | 0 | 12 | 8 | 40 | 4 |
| Sequens sinistri pedis | ♈ | 29 | 4 | 0 | 11 | 18 | 0 | 3 |
| Informis supra caput | ♈ | 28 | 13 | 0 | 42 | 26 | 38 | 5 |
| In superiori parte femor. dextr. | ♊ | 4 | 0 | 0 | 29 | 31 | 40 | 5 |
| Informis præc. cap. Medusę | ♉ | 17 | 42 | 0 | 20 | 53 | 40 | 4 |
| In recta linea cum Polo, & cum Lucida lateris | ♊ | 3 | 46 | 0 | 45 | 10 | 39 | 6 |
| Secunda illarum | ♊ | 5 | 40 | 0 | 48 | 7 | 40 | 6 |
| *ex altero Catalogo Kepleri* | ♊ | 5 | 30 | 0 | 48 | 7 | 40 | 6 |
| Tertia illarum | ♊ | 6 | 9 | 0 | 49 | 27 | 38 | 6 |
| Quarta earum | ♊ | 7 | 53 | 0 | 53 | 37 | 40 | 6 |
| *ex altero Catalogo Kepleri* | ♊ | 7 | 43 | 0 | 53 | 37 | 40 | 6 |
| *3. Classis.* | | | | | | | | |
| Informis à sinistro genu ad ortum | ♊ | 3 | 38 | 0 | 17 | 50 | 40 | 5 |

AV-

| Nomina Fixarum | Longitudo Sig. | G. | I | II | Latitudo B. Gr. | I | II | Magnitudo |
|---|---|---|---|---|---|---|---|---|
| AVRIGA, HENIOCHVS ERICHTONIVS. | | | | | | | | |
| 1. *Classis.* | | | | | | | | |
| Capella, seu Hircus | ♊ | 17 | 40 | 2 | 22 | 51 | 45 | 1 |
| Lucida humeri dextri | ♊ | 27 | 12 | 2 | 21 | 25 | 40 | 2 |
| 2. *Classis.* | | | | | | | | |
| Præc. & superior Capitis | ♊ | 25 | 2 | 0 | 32 | 16 | 15 | 6 |
| Sequens, & inferior | ♊ | 25 | 38 | 0 | 30 | 51 | 14 | 4 |
| In brachio dextro | ♊ | 25 | 52 | 0 | 13 | 45 | 16 | 4 |
| Ex alio Catalogo Longomontano | ♊ | 25 | 22 | 0 | 13 | 45 | 16 | 4 |
| In cubito sinistro | ♊ | 14 | 35 | 0 | 20 | 53 | 15 | 4 |
| Hœdorum præcedens | ♊ | 14 | 29 | 30 | 18 | 10 | 0 | 4 |
| Hœdorum sequens | ♊ | 15 | 13 | 30 | 18 | 13 | 0 | 4 |
| In superiore pede | ♊ | 12 | 28 | 30 | 10 | 23 | 15 | 4 |
| Superior ad lucidam dextri hum. | ♊ | 25 | 49 | 30 | 27 | 28 | 13 | 5 |
| In Lumbis Borealior | ♊ | 18 | 16 | 30 | 18 | 36 | 0 | 6 |
| In Lumbis Australior | ♊ | 17 | 30 | 0 | 17 | 0 | 15 | 5 |
| Huic inferior ad Occasum | ♊ | 16 | 22 | 0 | 15 | 23 | 0 | 5 |
| Sequens | ♊ | 18 | 33 | 0 | 14 | 5 | 15 | 6 |
| Ad nates | ♊ | 13 | 24 | 0 | 15 | 4 | 14 | 5 |
| Præcedens duarum in brachio dext. | ♊ | 23 | 36 | 30 | 15 | 44 | 0 | 5 |
| Sequens earum | ♊ | 23 | 48 | 0 | 15 | 44 | 13 | 5 |
| *Ex altero Kepl. Catalogo* | ♊ | 24 | 8 | 0 | 15 | 44 | 13 | 5 |
| Sub hac in dextro crure | ♊ | 23 | 59 | 0 | 13 | 50 | 15 | 6 |
| In sinistra tibia | ♊ | 18 | 13 | 30 | 11 | 16 | 14 | 5 |
| In dextro pede | ♊ | 19 | 58 | 0 | 8 | 52 | 16 | 5 |
| Præcedens circa Erichthon | ♊ | 11 | 28 | 30 | 14 | 52 | 13 | 5 |
| Sequens Australis | ♊ | 11 | 55 | 0 | 14 | 3 | 15 | 5 |
| Borealis informis inter Aurigam, & pedes Gemini | ♊ | 29 | 16 | 0 | 6 | 5 | 14 | 4 |
| Secunda | ♊ | 24 | 28 | 0 | 4 | 7 | 15 | 4 |
| Sub istam ad ortum | ♊ | 25 | 28 | 0 | 2 | 27 | 13 | 4 |
| Harum præcedens | ♊ | 21 | 20 | 30 | 2 | 29 | 15 | 4 |
| Vltima omnium | ♊ | 23 | 24 | 0 | 1 | 7 | 16 | 4 |
| OPHIVCHVS, seu SERPENTARIVS. | | | | | | | | |
| 1. *Classis.* | | | | | | | | |
| Ophiuchi Caput | ♐ | 8 | 17 | 7 | 35 | 56 | 15 | 3 |
| Manus sinistræ Borealior | ♍ | 28 | 11 | 37 | 17 | 18 | 20 | 3 |
| In genu dextro | ♐ | 13 | 51 | 7 | 7 | 17 | 20 | 3 |
| In genu sinistro | ♐ | 5 | 6 | 7 | 11 | 29 | 20 | 3 |
| In humero dextro | ♐ | 21 | 12 | 7 | 28 | 0 | 20 | 3 |
| 2. *Classis.* | | | | | | | | |
| Sequens in dextro humero | ♐ | 22 | 32 | 0 | 26 | 10 | 20 | 3 |
| Præc. in sinistro humero | ♐ | 6 | 26 | 30 | 32 | 35 | 0 | 4 |
| Sequens in sinistro humero | ♐ | 7 | 43 | 0 | 31 | 55 | 20 | 4 |
| In sinistro cubito | ♐ | 1 | 30 | 0 | 23 | 39 | 0 | 4 |
| In sinistra manu australior | ♍ | 29 | 24 | 0 | 16 | 30 | 0 | 3 |
| In dextro ancone | ♐ | 21 | 0 | 0 | 15 | 18 | 19 | 4 |
| *In altero Catalogo Kepleri* | ♐ | 20 | 30 | 0 | 15 | 18 | 19 | 4 |
| Australis præced. in manu dextr. | ♐ | 25 | 40 | 30 | 13 | 46 | 18 | 4 |
| Borealior sequens ibidem | ♐ | 26 | 41 | 30 | 15 | 19 | 20 | 5 |
| In dextro genu | ♐ | 13 | 51 | 0 | 7 | 17 | 21 | 3 |
| *Sed ex correctione Kepleri* | ♐ | 13 | 47 | 30 | 7 | 17 | 21 | 3 |
| In sinistro genu | ♐ | 5 | 6 | 0 | 11 | 29 | 20 | 3 |
| In tibia dextra | ♐ | 15 | 50 | 0 | 2 | 11 | 21 | 3 |
| Quinta inform. in via lact. | ♐ | 27 | 58 | 0 | 33 | 2 | 0 | 4 |
| Supra lucidã colli serpẽtis | ♍ | 18 | 15 | 0 | 26 | 36 | 0 | 4 |
| Post coxas Ophiuchi | ♐ | 16 | 16 | 0 | 10 | 20 | 19 | 4 |
| Sequentium Australior | ♐ | 20 | 24 | 0 | 8 | 3 | 18 | 3 |
| Earum Borealior | ♐ | 21 | 15 | 0 | 10 | 34 | 20 | 4 |
| Quæ supra hanc | ♐ | 20 | 12 | 0 | 15 | 17 | 19 | 4 |
| Inter manum sinistram ad genu | ♐ | 2 | 24 | 0 | 13 | 18 | 20 | 5 |
| Informis circa humerum Boreum | ♐ | 25 | 57 | 0 | 27 | 54 | 21 | 4 |
| Media ipsarum | ♐ | 26 | 5 | 0 | 26 | 22 | 18 | 4 |
| Australis trium | ♐ | 26 | 40 | 0 | 24 | 49 | 20 | 4 |
| Sequens trium | ♐ | 27 | 25 | 0 | 26 | 9 | 18 | 4 |
| Præced. in dextro pede | ♐ | 15 | 28 | | 2 | 15 | 20 | 3 |
| Sequens | ♐ | 17 | 9 | | 1 | 31 | 19 | 4 |
| Tertia | ♐ | 17 | 50 | | 0 | 19 | 20 | 4 |
| Alia sequens | ♐ | 18 | 39 | | 0 | 28 | 19 | 5 |
| Quæ tangit calcaneum | ♐ | 19 | 3 | | 0 | 57 | 20 | 5 |
| In crure dextro | ♐ | 18 | 17 | | 7 | 9 | 18 | 5 |
| Informis extra crus | ♐ | 23 | 12 | | 4 | 19 | 20 | 6 |
| Sequens duarum in manu | ♐ | 1 | 34 | | 23 | 33 | 18 | 5 |
| In coxa Ophiuchi | ♐ | 16 | 27 | | 10 | 17 | 19 | 5 |
| Sequens Australis | ♐ | 20 | 29 | | 8 | 4 | 20 | 4 |
| In dextra manu | ♐ | 21 | 31 | | 10 | 39 | 18 | 5 |
| Borealis | ♐ | 20 | 32 | | 15 | 5 | 20 | 5 |
| *Reliqua 2. Classis ex Keplero de Stella Noua in Serpentario.* | | | | | | | | |
| Trium ante pedẽ in recta linea præced. boreal. | ♍ | 27 | 9 | | 9 | 26 | 20 | 5 |
| Media | ♍ | 26 | 14 | | 6 | 41 | 19 | 5 |
| Infima | ♍ | 25 | 32 | | 3 | 44 | 20 | 5 |
| Præcedens genu anteriori | ♐ | 2 | 30 | | 13 | 33 | 19 | 5 |
| Duarum inter pedes super. | ♐ | 8 | 18 | | 11 | 49 | 20 | 6 |
| inferior. | ♐ | 7 | 16 | | 4 | 37 | 19 | 6 |
| In crure anteriori borea | ♐ | 4 | 14 | | 5 | 41 | 20 | 4 |
| Earum media | ♐ | 3 | 34 | | 3 | 10 | 19 | 4 |
| Earum Australissima | ♐ | 3 | 12 | | 1 | 37 | 20 | 4 |
| In calcaneo pedis anter. | ♐ | 5 | 31 | | 0 | 25 | 18 | 4 |
| In femore sequenti | ♐ | 17 | 6 | | 17 | 27 | 20 | 5 |
| In cubito sequenti | ♐ | 20 | 29 | | 14 | 56 | 19 | 4 |
| In tibia pedis sequentis | ♐ | 17 | 9 | | 1 | 56 | 21 | 4 |
| In digito pedis | ♐ | 15 | 34 | | 3 | 37 | 40 A | 4 |
| In dorso pedis | ♐ | 16 | 14 | | 1 | 27 | 40 A | 5 |
| Clara in planta | ♐ | 17 | 14 | | 1 | 43 | 39 A | 3 |
| In vola | ♐ | 18 | 14 | | 0 | 59 | 40 A | 4 |
| In calce, seu talo | ♐ | 19 | 32 | | 0 | 57 | 39 A | 4 |
| Sequens hunc pedem | ♐ | 21 | 31 | | 1 | 21 | 20 | 4 |
| Informis inter humerum Ophiuchi, & Herculis | ♍ | 27 | 54 | | 34 | 59 | 19 | 4 |
| Ad humerum Ophiuchi in Rhombo borealiss. | ♐ | 26 | 34 | | 27 | 59 | 20 | 4 |
| Mediarum præcedens | ♐ | 26 | 24 | | 26 | 39 | 18 | 4 |
| Sequens | ♐ | 28 | 17 | | 26 | 27 | 20 | 4 |
| Infima | ♐ | 27 | 7 | | 24 | 44 | 19 | 4 |
| Supra informes solitaria | ♐ | 29 | 17 | | 32 | 44 | 20 | 4 |
| *Stella Noua in Serpentario Anno 1604. fuit* | ♐ | 17 | 40 | | 1 | 56 | 0 | * |
| SERPENS OPHIVCHI. | | | | | | | | |
| 1. *Classis.* | | | | | | | | |
| Serpentis lucida colli | ♍ | 17 | 50 | 47 | 25 | 33 | 50 | 2 |
| 2. *Classis.* | | | | | | | | |
| In ore | ♍ | 15 | 45 | 30 | 39 | 5 | 20 | 3 |
| Præcedens in ore | ♍ | 12 | 56 | 0 | 38 | 11 | 0 | 5 |
| In temporibus | ♍ | 18 | 27 | 30 | 35 | 24 | 0 | 3 |
| In eductione colli | ♍ | 15 | 42 | 30 | 34 | 26 | 20 | 3 |
| Ad sinistrum oculum | ♍ | 16 | 31 | 0 | 37 | 27 | 25 | 4 |
| Ad nares | ♍ | 17 | 53 | 0 | 42 | 36 | 0 | 4 |
| Secunda in collo infra cap. | ♍ | 14 | 7 | 30 | 28 | 57 | 0 | 3 |
| Australior trium post lucidam | ♍ | 20 | 7 | 30 | 24 | 4 | 20 | 3 |
| In secundo flexu | ♍ | 21 | 47 | 30 | 16 | 25 | 18 | 4 |
| Ante penultima caudæ | ♐ | 25 | 55 | 30 | 19 | 56 | 0 | 3 |
| *Ex altero Catalogo* | ♐ | 25 | 55 | 30 | 19 | 36 | 0 | 3 |
| Penultima caudæ | ♑ | 1 | 33 | 30 | 20 | 36 | 20 | 3 |
| Vltima | ♑ | 11 | 31 | 0 | 26 | 58 | 0 | 3 |
| *Reliqua ex Keplero de Noua Stella.* | | | | | | | | |
| Quæ supra duplicem, & octaua Ptolemæo | ♍ | 17 | 54 | 0 | 26 | 35 | 0 | 4 |
| In crista | ♍ | 19 | 30 | 0 | 37 | 14 | 0 | 5 |
| In spira apex Isoscelis | ♐ | 16 | 21 | 0 | 10 | 24 | 0 | 4 |
| Basis præcedens 14. Ptol. | ♐ | 20 | 44 | 0 | 8 | 3 | 0 | 4 |
| Sequens 15. Ptolemæo | ♐ | 21 | 30 | 0 | 10 | 22 | 0 | 4 |

Supra

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| Nomina Fixarum | Longitudo Sig. | Gr. | ′ | ″ | Latitudo B. Gr. | ′ | ″ | Magnitudo |
|---|---|---|---|---|---|---|---|---|
| Supra caudam duar. super. | ♐ | 1 | 10 | 0 | 26 | 37 | 0 | 6 |
| Inferior | ♐ | 3 | 0 | 0 | 23 | 24 | 0 | 6 |
| Infra caudam | ♐ | 4 | 21 | 0 | 15 | 48 | 0 | 4 |
| Ima trium in fine caudæ | ♐ | 3 | 21 | 0 | 21 | 28 | 0 | 6 |
| Media | ♐ | 5 | 27 | 0 | 22 | 41 | 0 | 6 |
| Postrema | ♐ | 8 | 21 | 0 | 24 | 51 | 0 | 6 |
| Proximè infra vltimam | ♐ | 11 | 43 | 0 | 25 | 1 | 0 | 6 |
| *3. Classis.* | | | | | | | | |
| Sequés manum Ophiuchi | ♐ | 1 | 6 | 0 | 15 | 59 | 0 | 5 |
| SAGITTA, siue TELVM. | | | | | | | | |
| *2. Classis.* | | | | | | | | |
| Superior, & Orientalis | ♒ | 2 | 55 | 10 | 29 | 12 | 10 | 4 |
| Hanc præcedens | ♐ | 29 | 18 | 12 | 38 | 57 | 40 | 5 |
| Paruula supra hanc | ♐ | 29 | 54 | 0 | 39 | 30 | 10 | 6 |
| Super. contig. in Glyphide | ♐ | 26 | 53 | 40 | 38 | 52 | 13 | 4 |
| Inferior earum | ♐ | 27 | 2 | 13 | 38 | 17 | 10 | 4 |
| Inform. supra Sagittã infer. | ♒ | 1 | 36 | 10 | 41 | 42 | 12 | 4 |
| Superior informium | ♒ | 2 | 59 | 12 | 44 | 1 | 10 | 4 |
| Tertia in Oxygonio informium | ♒ | 25 | 20 | 10 | 46 | 2 | 13 | 4 |
| AQVILA, seu VVLTVR VOLANS. | | | | | | | | |
| *1. Classis.* | | | | | | | | |
| Lucida in scapulis | ♐ | 27 | 32 | 17 | 29 | 20 | 40 | 2 |
| *2. Classis.* | | | | | | | | |
| Quæ in Capite | ♒ | 1 | 51 | 40 | 27 | 7 | 40 | 6 |
| In Collo | ♐ | 28 | 16 | 10 | 26 | 48 | 40 | 3 |
| Parua supra Lucidam | ♐ | 26 | 56 | 12 | 30 | 53 | 40 | 6 |
| In sinistro humero | ♐ | 26 | 49 | 13 | 31 | 17 | 10 | 3 |
| Sequens parua | ♐ | 27 | 31 | 42 | 31 | 58 | 12 | 5 |
| Super. & præced. alæ infer. | ♐ | 22 | 39 | 43 | 28 | 45 | 40 | 4 |
| Inferior, & sequens in ala | ♐ | 23 | 37 | 14 | 26 | 34 | 10 | 5 |
| Cauda vulturis | ♐ | 15 | 38 | 42 | 36 | 15 | 40 | 3 |
| Proxima caudæ inform. | ♐ | 14 | 7 | 10 | 37 | 39 | 10 | 3 |
| Media informium supra caudam | ♐ | 10 | 35 | 12 | 43 | 31 | 40 | 4 |
| Sequens hanc | ♐ | 10 | 40 | 42 | 41 | 4 | 10 | 4 |
| ANTINOVS. | | | | | | | | |
| *2. Classis.* | | | | | | | | |
| In manu sinistra | ♒ | 0 | 44 | 40 | 18 | 47 | 0 | 3 |
| In latere dextro | ♑ | 21 | 40 | 41 | 20 | 14 | 0 | 3 |
| In genu | ♑ | 20 | 40 | 12 | 14 | 27 | 0 | 3 |
| In dextro brachio | ♑ | 19 | 24 | 13 | 24 | 55 | 0 | 3 |
| In pectore | ♑ | 26 | 13 | 12 | 21 | 37 | 0 | 3 |
| In pede dextro | ♑ | 13 | 9 | 15 | 17 | 40 | 0 | 3 |
| Præcedens hanc informis | ♑ | 11 | 52 | 12 | 16 | 56 | 0 | 4 |
| DELPHINVS. | | | | | | | | |
| *2. Classis.* | | | | | | | | |
| Lucida Caudæ | ♒ | 9 | 55 | 12 | 29 | 7 | 0 | 3 |
| Sequens caudam | ♒ | 11 | 11 | 13 | 28 | 51 | 30 | 6 |
| Quæ infra caudam | ♒ | 11 | 5 | 12 | 27 | 33 | 0 | 6 |
| In Rhomboide præcedens lateris Australior | ♒ | 12 | 19 | 10 | 31 | 56 | 30 | 3 |
| Eiusdem lateris Borealior | ♒ | 13 | 13 | 40 | 33 | 4 | 0 | 3 |
| Sequẽtis lateris Australior | ♒ | 14 | 59 | 42 | 31 | 59 | 0 | 3 |
| Quæ in Capite | ♒ | 15 | 15 | 12 | 32 | 46 | 0 | 3 |
| In præced. latere quatuor contiguè antecedens | ♒ | 11 | 40 | 10 | 32 | 7 | 30 | 5 |
| Præcedens duarum infima in Rhomboide | ♒ | 10 | 41 | 12 | 30 | 40 | 30 | 6 |
| Earundem sequens | ♒ | 12 | 5 | 13 | 30 | 40 | 0 | 6 |
| EQVVLEVS EQVI SECTIO. | | | | | | | | |
| *2. Classis.* | | | | | | | | |
| Præcedens Capitis | ♒ | 18 | 55 | 40 | 20 | 11 | 20 | 4 |
| Sequens Capitis | ♒ | 21 | 17 | 42 | 21 | 5 | 0 | 4 |
| Præcedens oris | ♒ | 19 | 17 | 12 | 25 | 15 | 0 | 4 |
| Sequens oris | ♒ | 20 | 17 | 40 | 24 | 51 | 0 | 4 |

| Nomina Fixarum | Longitudo Sig. | G. | ′ | ″ | Latitudo B. Gr. | ′ | ″ | Magnitudo |
|---|---|---|---|---|---|---|---|---|
| PEGASVS EQVVS ALATVS. | | | | | | | | |
| *1. Classis.* | | | | | | | | |
| Pegasi os | ♒ | 27 | 45 | 7 | 22 | 6 | 20 | 3 |
| Scheat cruris | ♓ | 25 | 14 | 7 | 31 | 8 | 20 | 2 |
| Prima alæ *Markab* | ♓ | 19 | 19 | 37 | 19 | 24 | 50 | 2 |
| Alæ extrema *Algenib* | ♓ | 5 | 0 | 7 | 12 | 37 | 2 | 2 |
| Vmbilicus Pegasi, vide caput Andromedæ | ♓ | | | | | | | |
| *2. Classis.* | | | | | | | | |
| Caput Pegasi | ♓ | 2 | 38 | 30 | 22 | 6 | 20 | 4 |
| Ad Austrum in capite | ♓ | 1 | 8 | 30 | 15 | 42 | 0 | 5 |
| Inferior sequens in iuba | ♓ | 14 | 23 | 0 | 14 | 29 | 20 | 6 |
| Superior præced. in iuba | ♓ | 14 | 7 | 0 | 15 | 42 | 20 | 6 |
| Lucida colli | ♓ | 12 | 2 | 30 | 17 | 40 | 0 | 3 |
| Sequens in collo | ♓ | 13 | 48 | 0 | 18 | 28 | 0 | 5 |
| Sinistrum crus | ♓ | 4 | 46 | 0 | 36 | 41 | 20 | 4 |
| Sinistrum genu | ♓ | 10 | 13 | 0 | 34 | 18 | 0 | 4 |
| Dextrum crus | ♓ | 15 | 26 | 0 | 40 | 59 | 20 | 4 |
| Præcedens duarũ pectoris | ♓ | 18 | 52 | 30 | 28 | 48 | 0 | 4 |
| Sequens earum | ♓ | 20 | 16 | 30 | 29 | 23 | 20 | 4 |
| Dextrum genu | ♓ | 21 | 33 | 30 | 35 | 6 | 20 | 3 |
| In eodem genu ad Austrũ | ♓ | 20 | 48 | 0 | 34 | 23 | 18 | 5 |
| Præcedens duarum in ala | ♓ | 26 | 56 | 0 | 25 | 34 | 0 | 6 |
| Sequens in ala, & austr. | ♓ | 28 | 29 | 0 | 24 | 49 | 19 | 6 |
| In collo | ♓ | 7 | 51 | 0 | 20 | 50 | 0 | 4 |
| Infra os supra pedem | ♒ | 26 | 14 | 0 | 33 | 20 | 0 | 4 |
| Huic superior | ♓ | 0 | 10 | 0 | 36 | 10 | 0 | 4 |
| Primam sequens | ♓ | 16 | 38 | 0 | 23 | 15 | 0 | 4 |
| *Ex altero Catalogo Kepleri* | ♓ | 26 | 38 | 0 | 23 | 15 | 0 | 4 |
| forte | ♒ | 26 | 38 | 0 | 23 | 15 | 0 | 4 |
| ANDROMEDA. | | | | | | | | |
| *1. Classis.* | | | | | | | | |
| Caput Andromedæ | ♈ | 10 | 9 | 3 | 25 | 42 | 10 | 2 |
| In Cingulo Australior | ♈ | 26 | 11 | 0 | 25 | 58 | 30 | 2 |
| Lucida in pede Australi | ♉ | 10 | 1 | 44 | 27 | 47 | 10 | 2 |
| *2. Classis.* | | | | | | | | |
| Infima scapulæ dextræ | ♈ | 18 | 28 | 30 | 27 | 6 | 40 | 5 |
| Inferior sinistri humeri | ♈ | 16 | 47 | 0 | 23 | 3 | 39 | 4 |
| Trium in brach. dextr. austral. | ♈ | 16 | 20 | 0 | 31 | 33 | 15 | 5 |
| Earum borealis | ♈ | 17 | 7 | 30 | 33 | 20 | 40 | 4 |
| Earum media | ♈ | 17 | 29 | 0 | 32 | 14 | 38 | 5 |
| Australior manus superior | ♈ | 11 | 50 | 0 | 40 | 56 | 39 | 4 |
| Borealior ibidem | ♈ | 13 | 8 | 0 | 41 | 44 | 30 | 4 |
| Obscura ibidem | ♈ | 15 | 45 | 0 | 42 | 8 | 25 | 5 |
| Suprema in boreali manu | ♈ | 14 | 9 | 0 | 43 | 49 | 42 | 4 |
| Præc. in sinistro brachio | ♈ | 16 | 31 | 0 | 17 | 48 | 20 | 4 |
| In sinistro cubito | ♈ | 18 | 15 | 30 | 15 | 58 | 25 | 5 |
| Media in cingulo | ♈ | 29 | 27 | 50 | 30 | 34 | 0 | 4 |
| Borea in cingulo | ♈ | 24 | 57 | 20 | 32 | 31 | 10 | 4 |
| Extrema pedis superioris | ♉ | 10 | 28 | 30 | 36 | 50 | 0 | 5 |
| Lucidior in pede dextro | ♉ | 8 | 14 | 0 | 35 | 22 | 0 | 4 |
| Suprema in sura sinistra | ♉ | 6 | 28 | 0 | 28 | 59 | 30 | 5 |
| Inferior ibidem | ♉ | 4 | 45 | 0 | 27 | 55 | 0 | 5 |
| Ad genu dextrum | ♉ | 2 | 18 | 0 | 26 | 20 | 25 | 5 |
| In extremo anulo catenæ | ♓ | 25 | 22 | 0 | 57 | 19 | 30 | 4 |
| Clarior in sinistra scapula | ♈ | 17 | 41 | 30 | 24 | 20 | 30 | 3 |
| *3. Classis.* | | | | | | | | |
| In syrmate duarum boreal. | ♉ | 5 | 22 | 0 | 34 | 40 | 30 | 5 |
| Ibidem australis | ♉ | 6 | 52 | 0 | 32 | 40 | 25 | 5 |
| Informis præc. tres dextræ manus | ♈ | 4 | 22 | 0 | 44 | 0 | 30 | 3 |
| TRIANGVLVS DELTOTON. | | | | | | | | |
| *2. Classis.* | | | | | | | | |
| In apice Trianguli | ♉ | 2 | 41 | 0 | 16 | 49 | 50 | 4 |
| In basi ad Boream | ♉ | 8 | 11 | 30 | 20 | 33 | 20 | 4 |
| Media | ♉ | 9 | 21 | 0 | 19 | 29 | 25 | 5 |
| Australior in basi | ♉ | 9 | 20 | 0 | 18 | 57 | 24 | 4 |



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| Nomina Fixarum | Longitudo Sig. | Gr. | I | II | Latitudo B. Gr. | I | II | Magnitudo |
|---|---|---|---|---|---|---|---|---|
| COMA BERENICES. | | | | | | | | |
| 2. Classis. | | | | | | | | |
| In cuspide primi, & Borealis Trianguli | ♍ | 19 | 41 | 0 | 28 | 24 | 20 | 3 |
| *Vel aliter ex Keplero* | ♍ | 29 | 39 | 0 | 28 | 30 | 20 | 3 |
| Superior huic ad austrum | ♍ | 20 | 6 | 0 | 27 | 22 | 0 | 4 |
| Inferior eidem | ♍ | 20 | 10 | 0 | 27 | 18 | 12 | 4 |
| Sequens duas contiguas | ♍ | 20 | 43 | 0 | 27 | 5 | 15 | 4 |
| Præcedens duarum contiguarum ad Austr. | ♍ | 19 | 49 | 0 | 25 | 49 | 13 | 4 |
| Altera contigua ad ortum | ♍ | 20 | 12 | 30 | 26 | 5 | 20 | 4 |
| Omnes præced. ad Austrũ | ♍ | 19 | 24 | 0 | 23 | 28 | 25 | 4 |
| Suprema 3. contig. sequentium | ♍ | 22 | 34 | 0 | 25 | 14 | 22 | 4 |
| Altera, & præcedens | ♍ | 22 | 15 | 0 | 24 | 54 | 20 | 4 |
| Infima, & sequens | ♍ | 24 | 16 | 0 | 23 | 58 | 50 | 4 |
| *Alter Codex Keplori* | ♍ | 23 | 16 | 0 | 23 | 58 | 50 | 4 |
| Postrema in extensione comæ | ♎ | 0 | 22 | 30 | 32 | 44 | 20 | 4 |
| Quæ hanc præcedit | ♍ | 29 | 13 | 30 | 31 | 40 | 23 | 4 |
| Inter has, & primam in cuspide | ♍ | 25 | 41 | 0 | 30 | 14 | 22 | 4 |
| In Australi cuspide parui Trianguli | ♍ | 29 | 39 | 0 | 28 | 30 | 20 | 5 |

# PARS TERTIA
## Astra Australia.

| Nomina Fixarum | Longitudo Sig. | G. | I | II | Latit. A. Gr. | I | II | Magnitudo |
|---|---|---|---|---|---|---|---|---|
| CETE. | | | | | | | | |
| 1. Classis. | | | | | | | | |
| Lucida mandibulæ | ♉ | 10 | 7 | 32 | 12 | 36 | 50 | 2 |
| Lucida ventris Borea | ♈ | 17 | 48 | 15 | 20 | 17 | 20 | 3 |
| Cauda Borealis | ♓ | 26 | 46 | 47 | 9 | 58 | 10 | 3 |
| Cauda Australis | ♓ | 28 | 19 | 47 | 20 | 43 | 40 | 2 |
| 2. Classis. | | | | | | | | |
| Quæ in rostro | ♈ | 10 | 52 | 0 | 7 | 49 | 50 | 4 |
| Media oris | ♈ | 5 | 14 | 30 | 12 | 2 | 20 | 3 |
| Præcedens trium ad genam | ♈ | 3 | 23 | 0 | 14 | 31 | 49 | 3 |
| Infra oculum | ♈ | 3 | 15 | 0 | 5 | 51 | 50 | 4 |
| Supra oculum | ♉ | 7 | 22 | 0 | 5 | 35 | 48 | 4 |
| In occipite | ♈ | 29 | 50 | 30 | 4 | 18 | 51 | 4 |
| In pectore □ per Boream | ♈ | 25 | 31 | 0 | 25 | 16 | 30 | 4 |
| Duarum inferior præc. ad Austr. | ♈ | 25 | 54 | 30 | 28 | 39 | 29 | 4 |
| Sequẽtiũ in pectore Austr. | ♈ | 29 | 33 | 29 | 28 | 16 | 0 | 4 |
| Præcedens, & Borealis | ♈ | 29 | 9 | 31 | 25 | 57 | 29 | 3 |
| In ventre media | ♈ | 13 | 47 | 0 | 25 | 0 | 30 | 4 |
| Infima in ventre | ♈ | 15 | 12 | 0 | 31 | 3 | 28 | 4 |
| In dorso Orientalis | ♈ | 12 | 4 | 30 | 15 | 46 | 0 | 3 |
| In dorso Occidentalis | ♈ | 7 | 33 | 30 | 16 | 54 | 29 | 3 |
| Inform. sequens Mandib. | ♉ | 14 | 7 | 0 | 14 | 29 | 50 | 5 |
| Præcedens Boream ventris | ♈ | 16 | 27 | 45 | 21 | 53 | 0 | 5 |
| In recta linea cum 3. & 5. Capitis | ♉ | 8 | 10 | 30 | 9 | 12 | 20 | 4 |
| 3. Classis. | | | | | | | | |
| Caudæ □ seq. lat. Boreal. | ♈ | 4 | 8 | 30 | 12 | 8 | 0 | 5 |
| Australis earum | ♈ | 3 | 8 | 25 | 14 | 8 | 0 | 5 |
| Antecedens lateri Boreal. | ♈ | 1 | 53 | 0 | 13 | 29 | 30 | 5 |
| Eiusdem Australis | ♈ | 1 | 22 | 0 | 14 | 39 | 30 | 5 |
| ORION. | | | | | | | | |
| 1. Classis. | | | | | | | | |
| Suprema Capitis | ♊ | 19 | 35 | 30 | 13 | 25 | 40 | 4 |
| Humerus dexter sequens | ♊ | 24 | 36 | 35 | 16 | 6 | 15 | 2 |
| Humer. sinister præcedens | ♊ | 16 | 46 | 47 | 16 | 52 | 30 | 2 |
| Pes sinister Lucidus Rigel | ♊ | 12 | 36 | 57 | 31 | 10 | 10 | 1 |

| Nomina Fixarum | Longitudo Sig. | G. | I | II | Latit. A. Gr. | I | II | Magnitudo |
|---|---|---|---|---|---|---|---|---|
| Balthei suprema | ♊ | 18 | 9 | 27 | 23 | 36 | 40 | 2 |
| Media | ♊ | 19 | 13 | 42 | 24 | 34 | 10 | 2 |
| Infima | ♊ | 20 | 23 | 2 | 25 | 21 | 10 | 2 |
| 2. Classis. | | | | | | | | |
| Occidentalior Capitis | ♊ | 19 | 35 | 30 | 13 | 53 | 40 | 5 |
| Tertia Capitis Orientalis | ♊ | 19 | 57 | 30 | 14 | 4 | 20 | 5 |
| Sequens sinistri humeri | ♊ | 18 | 10 | 0 | 17 | 21 | 40 | 5 |
| Quæ in brachio dextro | ♊ | 26 | 28 | 30 | 14 | 50 | 40 | 4 |
| In dextra Vlnæ | ♊ | 29 | 55 | 0 | 11 | 30 | 10 | 6 |
| In manu dextra Australior | ♊ | 28 | 48 | 10 | 9 | 15 | 15 | 4 |
| Præcedens in dextra | ♊ | 27 | 45 | 30 | 8 | 44 | 18 | 4 |
| Proxima supremę in dextr. | ♊ | 28 | 46 | 29 | 7 | 20 | 40 | 6 |
| Vltima in manu | ♊ | 29 | 33 | 0 | 7 | 19 | 16 | 6 |
| Præcedens duarum in Colorobo | ♊ | 24 | 33 | 30 | 3 | 12 | 46 | 5 |
| Sequens earundem | ♊ | 26 | 46 | 0 | 3 | 21 | 15 | 5 |
| Præcedens in dorso | ♊ | 16 | 58 | 39 | 20 | 8 | 20 | 5 |
| Borealiss. inter 9. Clypei | ♊ | 9 | 16 | 20 | 8 | 16 | 29 | 4 |
| Earundem secunda | ♊ | 10 | 11 | 19 | 9 | 6 | 30 | 4 |
| Tertia | ♊ | 9 | 33 | 20 | 11 | 5 | 28 | 6 |
| Quarta | ♊ | 9 | 23 | 48 | 12 | 25 | 0 | 4 |
| Quinta | ♊ | 8 | 12 | 19 | 13 | 3 | 0 | 4 |
| Sexta | ♊ | 7 | 46 | 20 | 15 | 26 | 30 | 4 |
| Septima | ♊ | 7 | 56 | 22 | 16 | 49 | 28 | 4 |
| Octaua | ♊ | 8 | 21 | 20 | 20 | 1 | 30 | 4 |
| Vltima | ♊ | 9 | 20 | 19 | 20 | 55 | 0 | 4 |
| Quæ in manubrio ensis | ♊ | 15 | 57 | 30 | 25 | 37 | 10 | 3 |
| Suprema trium in ense | ♊ | 18 | 48 | 0 | 28 | 10 | 10 | 5 |
| Media ensis | ♊ | 18 | 44 | 30 | 28 | 45 | 39 | 3 |
| Infima ensis | ♊ | 18 | 47 | 30 | 29 | 17 | 39 | 3 |
| Præcedens infra ensem | ♊ | 17 | 43 | 0 | 30 | 37 | 0 | 4 |
| Sequens infra ensem | ♊ | 19 | 46 | 0 | 30 | 37 | 28 | 5 |
| In sinistro calcaneo | ♊ | 13 | 35 | 30 | 29 | 52 | 0 | 4 |
| In sura pedis sinistri | ♊ | 15 | 22 | 0 | 30 | 59 | 10 | 5 |
| In genu dextro | ♊ | 22 | 9 | 30 | 33 | 7 | 0 | 3 |
| Præced. vltimam Balthei | ♊ | 19 | 59 | 0 | 26 | 0 | 0 | 4 |
| Præced. huic ad dorsum | ♊ | 15 | 54 | 0 | 19 | 39 | 20 | 6 |
| Sequens sup manubr. ensis | ♊ | 16 | 5 | 0 | 24 | 6 | 30 | 6 |
| Earum præcedens | ♊ | 15 | 19 | 0 | 23 | 32 | 38 | 5 |
| In latere sinistro super hãc | ♊ | 16 | 20 | 0 | 21 | 22 | 31 | 5 |
| Præc. sub scuto, & brachio | ♊ | 13 | 21 | 0 | 20 | 7 | 29 | 4 |
| In sinistro latere præced. | ♊ | 21 | 8 | 0 | 21 | 57 | 30 | 5 |
| Ibidem sequens | ♊ | 23 | 48 | 30 | 21 | 38 | 29 | 5 |
| Post hanc informis | ♊ | 25 | 33 | 0 | 22 | 56 | 30 | 5 |
| Superior 3. in sinistr. manu | ♊ | 14 | 59 | 30 | 11 | 44 | 28 | 6 |
| Media earum | ♊ | 12 | 56 | 30 | 13 | 7 | 30 | 6 |
| Infima earum | ♊ | 12 | 23 | 0 | 14 | 23 | 29 | 6 |
| Decem informium supra Orionem præcedens | ♋ | 0 | 7 | 0 | 29 | 30 | 30 | 4 |
| Sequens earum | ♋ | 4 | 6 | 0 | 29 | 48 | 29 | 4 |
| Quæ supra hanc | ♋ | 3 | 45 | 0 | 28 | 3 | 30 | 5 |
| Præced. 3. in linea recta | ♋ | 2 | 31 | 0 | 18 | 46 | 28 | 4 |
| Media | ♋ | 4 | 21 | 0 | 15 | 56 | 0 | 4 |
| Borealis | ♋ | 6 | 13 | 0 | 13 | 14 | 30 | 4 |
| Infra rectã lineã ad Austrũ | ♋ | 4 | 21 | 0 | 18 | 23 | 29 | 5 |
| Supra hanc ad ortum | ♋ | 7 | 59 | 0 | 14 | 58 | 30 | 5 |
| Præced. duar. supra Canem | ♋ | 8 | 37 | 30 | 20 | 32 | 28 | 4 |
| Sequens earum | ♋ | 15 | 23 | 0 | 22 | 46 | 29 | 4 |
| Infra dextrum humer. ad occasum | ♊ | 20 | 21 | 0 | 19 | 17 | 20 | 5 |
| Obscurarũ in dorso sequẽs | ♊ | 19 | 4 | 30 | 19 | 36 | 20 | 6 |
| Præcedens | ♊ | 18 | 10 | 30 | 19 | 52 | 20 | 6 |
| ERIDANVS, NILVS FLVVIVS. | | | | | | | | |
| 2. Classis. | | | | | | | | |
| Ad sinistrum pedẽ Orionis in principio flum. | ♊ | 11 | 6 | 0 | 31 | 34 | 0 | 4 |
| Supra pedem Orion. in flu. | ♊ | 11 | 8 | 0 | 27 | 53 | 0 | 3 |
| Duarum aliarum sequens | ♊ | 9 | 5 | 30 | 29 | 51 | 10 | 5 |
| Præcedens | ♊ | 6 | 54 | 30 | 27 | 51 | 0 | 5 |
| Sequens duarũ superiorum | ♊ | 5 | 9 | 30 | 25 | 33 | 30 | 4 |
| Earum præcedens | ♊ | 2 | 39 | 0 | 25 | 11 | 0 | 4 |

Post

| Nomina Fixarum | Longitudo Sig. | G. | I | II | Latitudo A. Gr. | I | II | Magnitudo |
|---|---|---|---|---|---|---|---|---|
| Post interuallum sequens de quatuor | ♉ | 19 | 42 | 0 | 33 | 13 | 0 | 3 |
| Quæ hanc præit | ♉ | 16 | 6 | 30 | 31 | 8 | 40 | 4 |
| Ad Boream tertia præced. | ♉ | 16 | 31 | 0 | 28 | 46 | 10 | 3 |
| Antecedens cunctas 4. | ♉ | 14 | 9 | 0 | 27 | 46 | 50 | 3 |
| Prima contiguarum Cete | ♉ | 4 | 34 | 0 | 24 | 33 | 50 | 3 |
| Inter hanc, & tertiam | ♉ | 7 | 0 | 0 | 23 | 58 | 20 | 4 |
| Tertia quæ sequitur | ♉ | 9 | 40 | 0 | 25 | 58 | 50 | 3 |
| Præcedens inferior | ♉ | 25 | 13 | 0 | 30 | 24 | 49 | 5 |
| Super hanc | ♉ | 25 | 17 | 0 | 27 | 31 | 50 | 4 |
| Sequens | ♉ | 26 | 22 | 0 | 28 | 9 | 20 | 4 |
| Superior Orientalis | ♉ | 29 | 10 | 0 | 25 | 2 | 43 | 5 |
| Præced. duar. inter flumen, & Taurum | ♉ | 17 | 49 | 30 | 18 | 26 | 50 | 4 |
| Sequens Australis | ♉ | 21 | 31 | 0 | 22 | 44 | 50 | 4 |
| *3. Classis.* | | | | | | | | |
| Trium vltima | ♉ | 28 | 44 | | 25 | 50 | 0 | 4 |
| Media *Ptolemæo* 8. | ♉ | 28 | 0 | | 26 | 50 | | 4 |
| Ex quatuor quæ præit | ♉ | 2 | 54 | | 23 | 10 | | 4 |
| In conuersione flu. ad Cete pectus | ♈ | 27 | 34 | | 32 | 10 | | 4 |
| Sequens | ♈ | 28 | 14 | | 34 | 50 | | 4 |
| Sequentium trium prima | ♉ | 1 | 14 | | 38 | 30 | | 4 |
| Media | ♉ | 6 | 14 | | 38 | 0 | | 4 |
| Vltima | ♉ | 9 | 54 | | 38 | 50 | | 4 |
| In □ præc. lateris Boreal. | ♉ | 13 | 44 | | 41 | 10 | | 4 |
| In eodem Australis | ♉ | 13 | 54 | | 42 | 20 | | 5 |
| Lateris sequentis præced. | ♉ | 14 | 34 | | 43 | 0 | | 4 |
| Vltima harum 4. | ♉ | 17 | 4 | | 43 | 10 | | 4 |
| Ad ortum 2. coniunctarum Boreal. | ♈ | 26 | 34 | | 50 | 20 | | 4 |
| Magis ad Austrum | ♈ | 27 | 24 | | 51 | 40 | | 4 |
| In reflexione duarum posterior. | ♉ | 20 | 34 | | 53 | 40 | | 4 |
| Præcedens | ♉ | 18 | 14 | | 53 | 0 | | 4 |
| In vltimo interuallo ex 3. postrema | ♉ | 10 | 14 | | 52 | 50 | | 4 |
| Media | ♉ | 7 | 14 | | 53 | 20 | | 4 |
| Prima Trium | ♉ | 4 | 14 | | 51 | 50 | | 4 |
| In extremo fluminis | ♈ | 22 | 34 | | 53 | 30 | | 1 |
| Scaliger scripsit ad Tychonem hanc locari à Nauclerio In Piscium quod exprimit Bayerus | ♓ | 9 | 45 | | 59 | 30 | | |
| **LEPVS.** | | | | | | | | |
| *1. Classis.* | | | | | | | | |
| In armo finist. seu femore | ♊ | 15 | 29 | 7 | 43 | 55 | 50 | 3 |
| *2. Classis.* | | | | | | | | |
| Superior præcedentis auris | ♊ | 11 | 37 | 30 | 34 | 32 | 20 | 5 |
| Inferior eiusdem auris | ♊ | 11 | 43 | 30 | 35 | 52 | 22 | 5 |
| Superior sequentis auris | ♊ | 13 | 50 | 0 | 35 | 16 | 25 | 6 |
| Inferior sequentis auris | ♊ | 13 | 37 | 0 | 36 | 12 | 24 | 5 |
| Quæ in Capite | ♊ | 11 | 12 | 0 | 39 | 2 | 21 | 5 |
| Extrema anteriorũ pedum | ♊ | 7 | 48 | 30 | 44 | 58 | 23 | 4 |
| In dorso medioue corpore | ♊ | 17 | 12 | 30 | 41 | 4 | 0 | 3 |
| Australior duarum in pedibus posterioribus | ♊ | 20 | 44 | 30 | 45 | 48 | 0 | 3 |
| Borealior earundem | ♊ | 22 | 59 | 0 | 44 | 16 | 20 | 3 |
| Præcedens in dorso | ♊ | 21 | 49 | 30 | 38 | 14 | 22 | 4 |
| Sequens in dorso | ♊ | 24 | 30 | 30 | 37 | 39 | 0 | 4 |
| Vltima in cauda | ♊ | 27 | 45 | 0 | 38 | 24 | 20 | 4 |
| **CANIS MAIOR.** | | | | | | | | |
| *1. Classis.* | | | | | | | | |
| Splendidissima oris Sirius | ♋ | 20 | 4 | 47 | 39 | 52 | 5 | 1 |
| *2. Classis.* | | | | | | | | |
| In fronte ad aurem dextr. | ♋ | 10 | 29 | 50 | 34 | 52 | 0 | 4 |
| In media fronte | ♋ | 12 | 55 | 20 | 36 | 45 | 0 | 5 |
| Sub aure sinistra | ♋ | 15 | 34 | 21 | 38 | 4 | 20 | 3 |
| In collo | ♋ | 13 | 31 | 20 | 39 | 32 | 0 | 4 |
| In armo dextro pedum anteriorum | ♋ | 8 | 0 | 50 | 42 | 15 | 0 | 5 |

| Nomina Fixarum | Longitudo Sig. | G. | I | II | Latit. A. Gr. | I | II | Magnitudo |
|---|---|---|---|---|---|---|---|---|
| In extremo pedis prioris | ♋ | 3 | 10 | 50 | 41 | 20 | 20 | 2 |
| In dorso | ♋ | 16 | 58 | 50 | 46 | 11 | 20 | 5 |
| Media in pectore | ♋ | 14 | 4 | 50 | 46 | 41 | 20 | 5 |
| In ventre | ♋ | 19 | 23 | 20 | 48 | 31 | 50 | 3 |
| Inter posteriora femora | ♋ | 16 | 49 | 50 | 51 | 26 | 20 | 3 |
| Inferior dext. pedis priorũ | ♋ | 2 | 35 | 20 | 51 | 48 | 20 | 3 |
| Quæ in cauda | ♋ | 25 | 39 | 50 | 51 | 26 | 20 | 3 |
| *3. Classis.* | | | | | | | | |
| Altera in pectore | ♋ | 12 | 58 | 19 | 42 | 22 | 0 | 5 |
| In genu Australis | ♋ | 8 | 28 | 20 | 42 | 12 | | 5 |
| In sinistro genu duarum præced. | ♋ | 6 | 28 | 18 | 46 | 12 | | 5 |
| Earum sequens | ♋ | 8 | 38 | 20 | 45 | 32 | | 5 |
| In poplite crusis dextri | ♋ | 15 | 28 | 19 | 54 | 52 | | 4 |
| Informes circa Canem | | | | | | | | |
| A Septentrione ad verticem Canis | ♋ | 11 | 58 | 20 | 25 | 2 | | 4 |
| Sub pedibus post 4. in recta Austr. | ♋ | 2 | 28 | 18 | 61 | 12 | | 4 |
| Quæ magis in boream | ♋ | 3 | 48 | 20 | 58 | 32 | | 4 |
| Adhuc Borealior | ♋ | 5 | 28 | 19 | 56 | 42 | | 4 |
| Residua de 4. borealissima | ♋ | 6 | 38 | 20 | 55 | 42 | | 4 |
| Triũ ad occasum in linea præced. | ♊ | 19 | 28 | 18 | 55 | 12 | | 4 |
| Media harum | ♊ | 22 | 58 | 20 | 57 | 22 | | 4 |
| Trium vltima | ♊ | 24 | 58 | 19 | 59 | 32 | | 6 |
| Sub his sequens | ♊ | 21 | 28 | 18 | 59 | 22 | | 2 |
| Harum antecedens | ♊ | 18 | 28 | 20 | 57 | 22 | | 2 |
| Reliqua Australior | ♊ | 14 | 38 | 19 | 59 | 32 | | 4 |
| **CANIS MINOR.** | | | | | | | | |
| *1. Classis.* | | | | | | | | |
| Procyon in femore | ♋ | 21 | 40 | 27 | 15 | 57 | 10 | 2 |
| *2. Classis.* | | | | | | | | |
| In collo, seu collari | ♋ | 18 | 1 | 50 | 13 | 33 | 40 | 3 |
| Supra lucidam colli | ♋ | 21 | 40 | 50 | 12 | 51 | 10 | 6 |
| Informis supra hanc | ♋ | 18 | 44 | 50 | 9 | 46 | 10 | 6 |
| Sequẽs ad caudam Cancri | ♋ | 22 | 19 | 50 | 10 | 19 | 40 | 5 |
| **ARGONAVIS.** | | | | | | | | |
| *2. Classis.* | | | | | | | | |
| In suprema puppi | ♌ | 7 | 18 | 0 | 43 | 18 | 30 | 3 |
| Suprema scuti | ♌ | 2 | 0 | 0 | 44 | 58 | 30 | 3 |
| Præcedens scuti | ♋ | 29 | 24 | 30 | 47 | 28 | 3 | 3 |
| In velo | ♌ | 5 | 31 | 0 | 32 | 7 | 4 | 4 |
| Informis ad Austrum | ♌ | 5 | 51 | 30 | 38 | 31 | 0 | 4 |
| In malo trium inferior | ♌ | 13 | 50 | 50 | 32 | 56 | 0 | 6 |
| Supra hanc | ♌ | 14 | 15 | 49 | 30 | 18 | 0 | 4 |
| Hac ipsa altior | ♌ | 11 | 25 | 50 | 24 | 29 | 30 | 4 |
| Duarũ in antenna præced. | ♍ | 0 | 50 | 28 | 21 | 39 | 30 | 4 |
| Earum sequens | ♍ | 5 | 44 | 57 | 22 | 29 | 30 | 3 |
| Informis inter velum, & lacteam | ♍ | 25 | 8 | 27 | 30 | 30 | 0 | 3 |
| *3. Classis.* | | | | | | | | |
| Extrema duarum præced. | ♌ | 3 | 24 | 27 | 42 | 10 | | 5 |
| Quæ magis ad austrum | ♌ | 1 | 44 | 28 | 45 | 40 | | 4 |
| Has duas præcedens | ♋ | 28 | 24 | 28 | 45 | 10 | | 4 |
| Sub scuto trium præced. | ♋ | 28 | 24 | 30 | 49 | 10 | | 4 |
| Sequens | ♌ | 2 | 24 | 27 | 49 | 30 | | 4 |
| Media trium | ♌ | 1 | 34 | 30 | 49 | 0 | | 4 |
| In extremo temone | ♌ | 7 | 4 | 27 | 49 | 30 | | 4 |
| In Carina puppis duarum Boreal. | ♋ | 23 | 4 | 23 | 52 | 40 | | 4 |
| Earum Australis | ♋ | 27 | 4 | 29 | 58 | 20 | | 3 |
| In solio puppis Boreal. | ♌ | 3 | 14 | 27 | 55 | 20 | | 5 |
| Ibidem trium præcedens | ♌ | 9 | 14 | 28 | 58 | 30 | | 5 |
| Media | ♌ | 6 | 14 | 29 | 57 | 0 | | 4 |
| Sequens | ♌ | 9 | 24 | 30 | 57 | 30 | | 4 |
| Clara sequens transtri | ♌ | 14 | 4 | 28 | 58 | 30 | | 2 |
| Sub hac obsc. præc. | ♌ | 11 | 4 | 27 | 59 | 50 | | 5 |
| Sequens | ♌ | 15 | 54 | 29 | 59 | 10 | | 5 |
| Supra Claram præced. | ♌ | 15 | 54 | 30 | 56 | 30 | | 5 |
| Sequens | ♌ | 17 | 4 | 28 | 57 | 30 | | 5 |



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| Nomina Fixarum | Longitudo Sig. | G. | I | II | Latitudo A. Gr. | I | II | Magnitudo |
|---|---|---|---|---|---|---|---|---|
| In statione mali Borea triũ | ♌ | 28 | 14 | 29 | 51 | 30 | 0 | 4 |
| Media | ♌ | 28 | 44 | 30 | 55 | 30 | | 4 |
| Australis trium | ♌ | 26 | 34 | 28 | 57 | 0 | | 4 |
| Sub his sanctarum boreal. | ♍ | 1 | 44 | 27 | 59 | 50 | | 4 |
| Harum Australior | ♍ | 1 | 34 | 28 | 61 | 0 | | 4 |
| In medio mali Australis | ♌ | 22 | 54 | 27 | 51 | 30 | | 4 |
| Harum Boreaior | ♌ | 21 | 44 | 28 | 49 | 0 | | 3 |
| In summo velo | ♌ | 20 | 24 | 27 | 43 | 10 | | 4 |
| *Alia lectio* | ♌ | 20 | 24 | 27 | 53 | 10 | | 4 |
| Sequens | ♌ | 21 | 24 | 28 | 43 | 30 | | 4 |
| Sub 3. sequentium feutum | ♌ | 17 | 34 | 30 | 51 | 30 | | 2 |
| Aliter | ♌ | 16 | 34 | 30 | 54 | 30 | | 2 |
| In sectione infirati | ♌ | 9 | 54 | 29 | 51 | 15 | | 2 |
| Inter remos in Carina | ♌ | 14 | 4 | 28 | 63 | 0 | | 4 |
| Sequens obscura | ♌ | 11 | 24 | 27 | 64 | 30 | | 6 |
| Lucida sequens in statione | ♌ | 22 | 24 | 28 | 63 | 50 | | 2 |
| Infra Carinam fulgens | ♍ | 0 | 54 | 27 | 69 | 40 | | 2 |
| Sequentium hanc trium præced. | ♍ | 7 | 34 | 28 | 65 | 40 | | 2 |
| Media harum | ♍ | 13 | 44 | 28 | 65 | 50 | | 3 |
| Sequens | ♍ | 18 | 24 | 30 | 67 | 20 | | 2 |
| *Ex alia lectione* | ♍ | 18 | 24 | 30 | 65 | 50 | | 2 |
| Sequẽtium duarum ad sectionem præcedens | ♍ | 23 | 24 | 30 | 62 | 50 | | 3 |
| Earum sequens | ♎ | 0 | 24 | 27 | 62 | 15 | | 3 |
| *Ex alia lectione* | ♎ | 0 | 24 | 27 | 65 | 15 | | 3 |
| In temone Bor. præc. | ♊ | 26 | 24 | 30 | 65 | 50 | | 4 |
| *Ex alia lectione* | ♊ | 24 | 24 | 30 | 65 | 50 | | 4 |
| Quæ sequitur | ♋ | 12 | 34 | 28 | 65 | 40 | | 3 |
| *Ex alia lectione* | ♋ | 18 | 34 | 28 | 65 | 40 | | 3 |
| In temone Canopus | ♋ | 9 | 24 | 27 | 75 | 0 | | 1 |
| *Ex alia lectione* | ♋ | 9 | 24 | 27 | 69 | 0 | | 1 |
| Reliqua sequens hanc | ♋ | 21 | 24 | 30 | 71 | 45 | | 3 |
| *Ex alia lectione* | ♋ | 21 | 24 | 30 | 61 | 45 | | 3 |
| HYDRA, seu HYDRVS. *1. Classis.* | | | | | | | | |
| Cor Hydræ | ♌ | 23 | 6 | 37 | 22 | 23 | 50 | 2 |
| *2. Classis.* | | | | | | | | |
| Præcedens in Capite | ♌ | 7 | 11 | 30 | 14 | 36 | 50 | 5 |
| Supra primam ad Aquilonem | ♌ | 8 | 8 | 0 | 14 | 16 | 20 | 4 |
| Borealior in Occipite | ♌ | 8 | 10 | 0 | 11 | 8 | 0 | 4 |
| Præced. tertia ad Austrum | ♌ | 8 | 44 | 30 | 11 | 36 | 0 | 5 |
| Orientalissima capitis | ♌ | 10 | 22 | 30 | 11 | 1 | 0 | 4 |
| Præcedens in collo | ♌ | 13 | 13 | 30 | 11 | 5 | 20 | 6 |
| Sequens in eductione colli | ♌ | 16 | 3 | 30 | 13 | 5 | 0 | 4 |
| Media colli | ♌ | 21 | 33 | 30 | 15 | 0 | 0 | 5 |
| Borea trium in flexura colli | ♌ | 23 | 26 | 0 | 14 | 17 | 20 | 4 |
| Australis in nexu | ♌ | 21 | 15 | 30 | 16 | 46 | 0 | 5 |
| Quæ cor sequitur proximè | ♌ | 28 | 32 | 30 | 26 | 33 | 30 | 4 |
| Huic subsequens | ♍ | 1 | 30 | 0 | 26 | 12 | 0 | 5 |
| Præcedens contiguarum | ♍ | 4 | 10 | 0 | 23 | 13 | 0 | 5 |
| Sequens earum | ♍ | 5 | 15 | 0 | 21 | 51 | 0 | 4 |
| Quinta à corde | ♍ | 10 | 53 | 30 | 24 | 38 | 0 | 4 |
| In tecta cum hac, & sequenti | ♍ | 14 | 3 | 39 | 23 | 31 | 0 | 5 |
| Præcedẽs crateri proximè | ♍ | 16 | 13 | 0 | 21 | 48 | 30 | 4 |
| Informis proxima capiti | ♌ | 6 | 7 | 30 | 12 | 27 | 0 | 4 |
| Borea sub basi crateris | ♍ | 24 | 23 | 30 | 25 | 36 | 0 | 4 |
| Australis sub eadem basi | ♍ | 25 | 11 | 0 | 30 | 17 | 0 | 5 |
| Sub cauda corui | ♎ | 22 | 46 | 0 | 13 | 43 | 0 | 3 |
| Parua huic præcedens | ♎ | 20 | 46 | 0 | 14 | 37 | 0 | 6 |
| Informis ante caput Hydræ | ♌ | 0 | 6 | 0 | 10 | 19 | 0 | 3 |
| *3. Classis.* | | | | | | | | |
| Borea duarum in oculo | ♌ | 5 | 44 | 0 | 13 | 40 | 0 | 4 |
| Australis earum in hiatu | ♌ | 8 | 22 | 0 | 14 | 15 | 0 | 4 |
| Ab austro duarũ contiguarum Borea | ♌ | 22 | 2 | 0 | 19 | 45 | 0 | 6 |
| In triquetro præcedens | ♎ | 5 | 2 | 0 | 31 | 20 | 0 | 4 |
| Media earum | ♎ | 7 | 22 | 0 | 33 | 10 | 0 | 4 |
| Sequens earum | ♎ | 9 | 2 | 0 | 31 | 20 | 0 | 3 |
| In extrema cauda | ♍ | 7 | 22 | 0 | 17 | 40 | 0 | 4 |

| Nomina Fixarum | Longitudo Sig. | Gr. | I | II | Latit. A. Gr. | I | II | Magnitudo |
|---|---|---|---|---|---|---|---|---|
| In capite ad Austrum | ♌ | 5 | 22 | 0 | 23 | 15 | 0 | 3 |
| *Aliter* | | | | | 13 | 5 | 0 | 3 |
| Sequens collum | ♍ | 3 | 52 | 0 | 16 | 0 | 0 | 3 |
| *Aliter* | | | | | 26 | 0 | 0 | 3 |
| CRATER. *2. Classis.* | | | | | | | | |
| In basi crateris | ♍ | 19 | 33 | 0 | 22 | 41 | 0 | 4 |
| Sequens duarum in medio | ♍ | 25 | 5 | 0 | 19 | 39 | 0 | 4 |
| Earum præcedens | ♍ | 22 | 32 | 30 | 17 | 25 | 0 | 4 |
| Præcedens duarum supra Craterem | ♍ | 21 | 49 | 24 | 13 | 10 | 0 | 4 |
| Earum sequens | ♍ | 24 | 24 | 0 | 11 | 17 | 0 | 4 |
| Præcedens duarum inferiorum | ♍ | 29 | 52 | 0 | 18 | 10 | 0 | 4 |
| Sequens earum | ♎ | 1 | 55 | 0 | 16 | 2 | 0 | 4 |
| In medio Cratere | ♍ | 26 | 17 | 0 | 14 | 0 | 9 | 5 |
| CORVVS. *2. Classis.* | | | | | | | | |
| Quæ ad Oculum | ♎ | 7 | 30 | 0 | 19 | 39 | 0 | 4 |
| Præcedens duarũ superiorum in □ | ♎ | 6 | 35 | 0 | 14 | 25 | | 3 |
| Sequens earum | ♎ | 9 | 17 | 0 | 12 | 7 | | 3 |
| Sequens inferiorum in □ | ♎ | 13 | 11 | 0 | 17 | 59 | | 3 |
| In rostro | ♎ | 8 | 0 | 0 | 21 | 46 | | 4 |
| In collo | ♎ | 9 | 36 | 0 | 18 | 14 | | 5 |
| In sinistra ala supra lucidã | ♎ | 9 | 43 | 30 | 11 | 28 | | 5 |
| CENTAVRVS CHIRON. *2. Classis.* | | | | | | | | |
| In capite Australissima | ♍ | 2 | 49 | 0 | 21 | 49 | | 5 |
| Quæ magis ad Boream | ♍ | 2 | 21 | | 19 | 8 | | 5 |
| Intermediarum duarum præcedens | ♍ | 1 | 34 | | 20 | 51 | | 5 |
| Sequens de quatuor | ♍ | 2 | 25 | | 20 | 12 | | 5 |
| *3. Classis.* | | | | | | | | |
| In humero sinistro præcedens | ♎ | 28 | 32 | | 25 | 40 | | 3 |
| In humero dextro | ♍ | 8 | 2 | | 22 | 40 | | 3 |
| In armo sinistro | ♍ | 1 | 32 | | 27 | 40 | | 4 |
| In scuto præced. boreal. | ♍ | 10 | 32 | | 22 | 30 | | 4 |
| Earum australis | ♍ | 11 | 32 | | 23 | 50 | | 4 |
| In summitate scuti | ♍ | 14 | 22 | | 18 | 30 | | 4 |
| In scuto ad austrum | ♍ | 14 | 52 | | 21 | 10 | | 4 |
| In latere dextro trium præced. | ♍ | 5 | 42 | | 28 | 30 | | 4 |
| Media | ♍ | 6 | 22 | | 29 | 30 | | 4 |
| Sequens | ♍ | 7 | 32 | | 28 | 10 | | 4 |
| In brachio dextro | ♍ | 8 | 52 | | 26 | 40 | | 4 |
| In dextro cubito | ♍ | 13 | 12 | | 25 | 30 | | 3 |
| In extrem. manu dext. | ♍ | 19 | 52 | | 24 | 20 | | 4 |
| In eductione corporis humani lucida | ♍ | 10 | 22 | | 33 | 40 | | 3 |
| Duarum borealiũ sequens | ♍ | 10 | 2 | | 31 | 10 | | 5 |
| Præcedens | ♍ | 9 | 12 | | 33 | 10 | | 5 |
| In eductione dorsi | ♍ | 4 | 32 | | 35 | 0 | | 5 |
| Antecedens huic in dorso equi | ♍ | 1 | 22 | | 37 | 55 | | 5 |
| In lumbis trium sequens | ♎ | 28 | 12 | | 40 | 10 | | 3 |
| Media | ♎ | 23 | 32 | | 43 | 10 | | 4 |
| Antecedens trium | ♎ | 25 | 2 | | 44 | 10 | | 5 |
| *Aliter* | | | | | 41 | 10 | | 5 |
| In dextro femore præced. | ♎ | 25 | 2 | | 46 | 20 | | 3 |
| Ibidem sequens | ♎ | 25 | 52 | | 46 | 50 | | 4 |
| In pectore sub ala equi | ♍ | 10 | 42 | | 42 | 50 | | 4 |
| Sub aluo duarum præced. | ♍ | 8 | 42 | | 43 | 10 | | 2 |
| Earum sequens | ♍ | 10 | 2 | | 44 | 0 | | 3 |
| In poplite pedis dextri | ♍ | 2 | 22 | | 51 | 20 | | 2 |
| In talo eiusdem | ♍ | 7 | 42 | | 51 | 50 | | 2 |
| In cauto pedis sinistri | ♎ | 28 | 42 | | 55 | 15 | | 4 |
| Sub musculo eiusdem | ♍ | 3 | 32 | | 55 | 30 | | 2 |

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| Nomina Fixarum | Longitudo Sig. | G. | ′ | Latit. A. Gr. | ′ | Magnitudo |
|---|---|---|---|---|---|---|
| In summo pede dext. priori | ♏ | 0 | 42 | 41 | 20 | 1 |
| In genu sinistro | ♏ | 16 | 32 | 45 | 30 | 2 |
| Sub dextro pede posteriori | ♏ | 7 | 2 | 49 | 20 | 4 |
| **LVPVS, seu BESTIA CENTAVRI.** *3. Classis.* | | | | | | |
| In summo pedis posterioris | ♏ | 20 | 22 | 25 | 0 | 3 |
| In poplite eiusdem pedis | ♏ | 18 | 12 | 29 | 20 | 3 |
| In armo præcedens | ♏ | 23 | 22 | 21 | 30 | 4 |
| In armo sequens | ♏ | 26 | 32 | 21 | 20 | 4 |
| In medio corpore | ♏ | 25 | 22 | 25 | 30 | 4 |
| In aluo sub Ilibus | ♏ | 22 | 32 | 27 | 20 | 5 |
| In femore | ♏ | 23 | 12 | 29 | 20 | 5 |
| In eductione femoris Borealis | ♏ | 27 | 2 | 28 | 50 | 5 |
| Earum Australis | ♏ | 26 | 2 | 30 | 30 | 5 |
| In summo lumbo | ♏ | 28 | 2 | 33 | 30 | 5 |
| In extrema cauda 3. austr. | ♏ | 14 | 22 | 31 | 40 | 5 |
| Media | ♏ | 17 | 12 | 30 | 50 | 4 |
| Earum Borealis | ♏ | 15 | 22 | 29 | 40 | 4 |
| In iugulo Australis | ♐ | 1 | 12 | 17 | 20 | 4 |
| Borea ibidem | ♐ | 1 | 42 | 15 | 40 | 4 |
| In rictu præcedens | ♏ | 28 | 2 | 13 | 40 | 4 |
| Sequens | ♏ | 29 | 2 | 12 | 10 | 4 |
| In priori pede Australior | ♏ | 19 | 32 | 12 | 10 | 4 |
| Earum Borealior | ♏ | 18 | 52 | 10 | 20 | 4 |
| **THVRIBVLVM, seu ARA.** *3. Classis.* | | | | | | |
| In basi duarum Borealis | ♐ | 20 | 12 | 23 | 0 | 5 |
| Australis | ♐ | 25 | 42 | 26 | 0 | 4 |
| In media arula | ♐ | 18 | 52 | 26 | 45 | 4 |
| In foculo 3. borealis | ♐ | 13 | 2 | 30 | 40 | 5 |
| *Aliter* | | | | 13 | 40 | 5 |
| Reliquarum Australis | ♐ | 17 | 42 | 34 | 30 | 4 |
| Borealis | ♐ | 17 | 32 | 33 | 30 | 4 |
| In summitate flammæ | ♐ | 13 | 22 | 34 | 30 | 4 |
| *Aliter* | | | | 31 | 30 | 4 |
| **CORONA AVSTRALIS.** *3. Classis.* | | | | | | |
| Ad ambitum austral. foris præcedens | ♑ | 1 | 42 | 21 | 50 | 4 |
| *Aliter* | | | | 24 | 50 | 4 |
| Sequens hanc in Corona | ♑ | 4 | 12 | 21 | 20 | 5 |
| Huic succedens | ♑ | 5 | 42 | 23 | 20 | 5 |
| Huic subsequens | ♑ | 7 | 22 | 20 | 20 | 4 |
| Post hanc ante genu Sagittarij | ♑ | 8 | 42 | 18 | 50 | 5 |
| Quæ inde maximè borea in genu luc. | ♑ | 9 | 32 | 17 | 30 | 4 |
| Magis Borea | ♑ | 8 | 52 | 16 | 20 | 4 |
| Adhuc magis Borea | ♑ | 9 | 2 | 15 | 30 | 4 |
| In ambitu boreo duarum sequens | ♑ | 7 | 42 | 15 | 40 | 6 |
| Earum præcedens | ♑ | 7 | 12 | 15 | 10 | 6 |
| Ex interuallo has precedẽs | ♑ | 4 | 22 | 15 | 0 | 5 |
| Quæ hanc antecedit | ♑ | 2 | 12 | 16 | 10 | 5 |
| Reliqua ad Austrum. | ♑ | 1 | 42 | 18 | 50 | 5 |
| **PISCIS NOTIVS.** *3. Classis.* | | | | | | |
| In ambitu capitis præcedens | ♒ | 23 | 12 | 20 | 35 | 4 |
| Media | ♒ | 26 | 42 | 22 | 50 | 4 |
| Sequens | ♒ | 27 | 52 | 22 | 45 | 4 |
| Ad branchiam | ♒ | 26 | 52 | 16 | 50 | 4 |
| In spina australi, & dorso | ♒ | 17 | 42 | 19 | 50 | 5 |
| In aluo duarum sequens | ♒ | 23 | 42 | 15 | 30 | 5 |

| Nomina Fixarum | Longitudo Sig. | G. | ′ | Latit. A Gr. | ′ | Magnitudo |
|---|---|---|---|---|---|---|
| Ibidem præcedens | ♒ | 21 | 22 | 15 | 0 | 4 |
| In spina boreali sequens | ♒ | 17 | 42 | 15 | 15 | 4 |
| Ibi media | ♒ | 14 | 22 | 16 | 45 | 4 |
| Ibidem præcedens | ♒ | 13 | 32 | 18 | 25 | 4 |
| In extrema cauda | ♒ | 12 | 42 | 22 | 30 | 4 |
| Præcedẽtium Piscem præcedens | ♒ | 0 | 32 | 22 | 40 | 3 |
| Media earum | ♒ | 3 | 42 | 22 | 30 | 3 |
| Sequens earum | ♒ | 6 | 32 | 21 | 30 | 3 |
| Huic antecedens | ♒ | 4 | 32 | 21 | 10 | 5 |
| Reliquarum duarum australior | ♒ | 6 | 22 | 17 | 20 | 4 |
| Earum borealior | ♒ | 6 | 22 | 15 | 10 | 3 |
| **GRVS.** *4. Classis.* | | | | | | |
| Lucida Capitis | ♒ | 13 | 16 | 22 | 50 | 2 |
| In medio collo | ♒ | 13 | 17 | 24 | 56 | 4 |
| In eductione colli orientalior | ♒ | 14 | 47 | 28 | 57 | 6 |
| Occidentalior | ♒ | 15 | 58 | 28 | 40 | 6 |
| In dorso orientalior | ♒ | 16 | 23 | 31 | 52 | 6 |
| Ibi occidentalior | ♒ | 17 | 38 | 31 | 35 | 6 |
| In dextra ala Borealior | ♒ | 24 | 37 | 34 | 23 | 5 |
| Ibi Australior | ♒ | 24 | 8 | 36 | 15 | 4 |
| In sæua ala | ♒ | 11 | 59 | 32 | 57 | 2 |
| In eductione caudæ | ♒ | 18 | 17 | 34 | 36 | 2 |
| In cauda Borealior | ♒ | 16 | 49 | 39 | 20 | 4 |
| In cauda Orientalior | ♒ | 14 | 45 | 41 | 36 | 5 |
| In cauda Occidentalior | ♒ | 19 | 9 | 41 | 27 | 4 |
| **PHOENIX.** *4. Classis.* | | | | | | |
| Lucida in Collo | ♓ | 10 | 35 | 40 | 10 | 2 |
| Paruula adiacens | ♓ | 10 | 13 | 41 | 30 | 5 |
| In ancone alæ dextræ | ♓ | 4 | 38 | 41 | 40 | 4 |
| In ala dextra 3. australior | ♒ | 29 | 48 | 39 | 45 | 4 |
| Earum media | ♓ | 0 | 38 | 35 | 50 | 5 |
| Earum borealior | ♓ | 1 | 58 | 32 | 0 | 5 |
| In extrema ala sinistra | ♓ | 24 | 8 | 47 | 30 | 3 |
| In eiusdem eductione | ♓ | 10 | 28 | 44 | 10 | 4 |
| Ad pedem dextrum trium Orientalis | ♓ | 6 | 53 | 45 | 10 | neb. |
| Occidentalior | ♓ | 8 | 23 | 45 | 40 | neb. |
| Australior | ♓ | 7 | 3 | 46 | 0 | 4 |
| In foco sub ala læua australi | ♓ | 19 | 15 | 53 | 0 | 3 |
| Ibidem Borealior | ♓ | 14 | 48 | 48 | 25 | 3 |
| In foco sub ala dextra superior | ♓ | 3 | 58 | 53 | 0 | 4 |
| Earum inferior | ♓ | 8 | 18 | 54 | 40 | 4 |
| **INDVS.** *4. Classis.* | | | | | | |
| In Capite | ♑ | 29 | 0 | 32 | 30 | 4 |
| In axilla læua | ♒ | 1 | 13 | 36 | 55 | 4 |
| In læuæ manus sagitta 1. | ♒ | 4 | 30 | 37 | 0 | 4 |
| Secunda | ♒ | 6 | 28 | 38 | 35 | 4 |
| Tertia | ♒ | 5 | 45 | 40 | 0 | 4 |
| In summo sagittæ manus dextræ | ♑ | 24 | 40 | 27 | 55 | 5 |
| In imo | ♑ | 15 | 0 | 32 | 35 | 5 |
| In axilla dextra Occidentalior | ♑ | 24 | 16 | 33 | 45 | 6 |
| Sequens | ♑ | 25 | 0 | 33 | 53 | 6 |
| Orientalior | ♑ | 23 | 48 | 33 | 40 | 6 |
| In pectore | ♑ | 24 | 58 | 36 | 0 | 5 |
| In ventre | ♑ | 22 | 38 | 39 | 15 | 4 |
| **PAVO.** *4. Classis.* | | | | | | |
| Lucida in capite | ♑ | 18 | 9 | 36 | 0 | 2 |
| In collo superior | ♑ | 18 | 23 | 40 | 40 | 6 |



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| Nomina Fixarum | Longitudo Sig. | G. | ′ | Latit. A Gr. | ′ | Magnitudo |
|---|---|---|---|---|---|---|
| Media ibi | ♐ | 19 | 38 | 41 | 20 | 6 |
| Inferior ibidem | ♐ | 17 | 23 | 41 | 45 | 6 |
| In pectore | ♐ | 21 | 53 | 48 | 30 | 3 |
| In radice alæ dextræ | ♐ | 16 | 38 | 46 | 32 | 3 |
| Parua huic adiacens | ♐ | 15 | 13 | 47 | 0 | neb. |
| In media ala, seu dorso | ♐ | 11 | 48 | 45 | 20 | 3 |
| Nebulosa adiacens | ♐ | 9 | 53 | 46 | 5 | neb. |
| In eductione caudæ prima | ♐ | 3 | 18 | 45 | 40 | 5 |
| Secunda | ♐ | 1 | 45 | 44 | 0 | 5 |
| Tertia | ♐ | 1 | 51 | 43 | 0 | 5 |
| Quarta | ♐ | 2 | 8 | 39 | 35 | 5 |
| Quinta | ♑ | 29 | 38 | 41 | 30 | 5 |
| Sexta | ♑ | 29 | 3 | 40 | 30 | 5 |
| Septima | ♑ | 28 | 13 | 39 | 20 | 5 |
| Octaua | ♑ | 24 | 53 | 41 | 20 | 5 |
| Nona, & vltima | ♑ | 19 | 58 | 42 | 20 | 4 |
| In dextro pede australis | ♐ | 9 | 33 | 50 | 0 | 4 |
| In eodem borealis | ♐ | 12 | 28 | 49 | 20 | 6 |
| In sinistro pede | ♐ | 19 | 23 | 50 | 25 | 6 |
| In extrema cauda | ♐ | 2 | 28 | 48 | 27 | 6 |
| In eadem | ♑ | 28 | 15 | 51 | 40 | 5 |
| **APVS, seu AVIS INDICA.** *4. Classis.* | | | | | | |
| Informis, aut in capite | ♑ | 18 | 33 | 44 | 40 | 5 |
| In collo | ♑ | 18 | 13 | 48 | 6 | 5 |
| In eductione caudę boreal. | ♑ | 17 | 35 | 54 | 20 | 5 |
| Ibidem media | ♑ | 13 | 15 | 55 | 0 | 5 |
| Ibidem austrina | ♑ | 16 | 10 | 55 | 45 | 5 |
| In cauda versùs △ duarũ superior | ♑ | 8 | 48 | 51 | 30 | 6 |
| Ibidem inferior | ♑ | 8 | 3 | 52 | 0 | 6 |
| In media cauda 3. borealior | ♑ | 10 | 11 | 57 | 10 | 5 |
| Media | ♑ | 9 | 0 | 57 | 57 | 6 |
| Australior | ♑ | 9 | 38 | 59 | 20 | 4 |
| In eâdem versùs Chamæleonem | ♑ | 13 | 40 | 61 | 25 | 4 |
| **APIS, seu MVSCA.** *4. Classis.* | | | | | | |
| In Capite | ♍ | 16 | 58 | 54 | 0 | 4 |
| In ala dextra | ♍ | 16 | 53 | 56 | 25 | 4 |
| In ala sinistra | ♍ | 23 | 13 | 56 | 5 | 4 |
| In cauda | ♍ | 20 | 57 | 57 | 30 | 4 |
| **CHAMÆLEON.** *4. Classis.* | | | | | | |
| In prioribus pedibus | ♑ | 1 | 27 | 62 | 40 | 5 |
| Ad collum | ♍ | 26 | 8 | 63 | 20 | 5 |
| In dorso | ♍ | 24 | 53 | 67 | 0 | 5 |
| In posterioribus pedibus | ♑ | 1 | 21 | 67 | 25 | 5 |
| In eductione caudæ orientalior | ♑ | 0 | 28 | 70 | 38 | 5 |
| Occidentalior | ♑ | 2 | 58 | 75 | 35 | 5 |
| In media cauda superior | ♍ | 28 | 8 | 73 | 0 | 5 |
| Inferior | ♍ | 26 | 13 | 73 | 15 | 5 |
| In extrema cauda superior | ♍ | 23 | 30 | 74 | 26 | 5 |
| Inferior | ♍ | 24 | 28 | 75 | 12 | 5 |
| **TRIANGVLVM AVSTRALE.** *4. Classis.* | | | | | | |
| Sequens basis versùs collũ Apodis | ♑ | 14 | 20 | 46 | 20 | 3 |
| Superior in cuspide versus Lupum | ♑ | 5 | 30 | 41 | 0 | 3 |
| Parua huic adiacens | ♑ | 8 | 40 | 44 | 40 | 5 |
| Basis præcedẽs versus caudam Apodis | ♑ | 4 | 20 | 48 | 30 | 3 |
| Parua supra hanc | ♑ | 5 | 0 | 44 | 15 | 3 |

| Nomina Fixarum | Longitudo Sig. | Gr. | ′ | Latit. A. Gr. | ′ | Magnitudo |
|---|---|---|---|---|---|---|
| **PISCIS VOLANS, seu PASSER.** *4. Classis.* | | | | | | |
| In Capite | ♎ | 19 | 53 | 72 | 26 | 5 |
| In medio corpore | ♏ | 24 | 29 | 77 | 12 | 6 |
| In cauda | ♐ | 7 | 12 | 82 | 5 | 5 |
| In ala sinistra superior | ♏ | 13 | 34 | 75 | 20 | 6 |
| Ibi inferior | ♏ | 20 | 7 | 82 | 14 | 6 |
| In ala dextra superior | ♐ | 6 | 13 | 76 | 21 | 6 |
| Ibi inferior | ♐ | 11 | 53 | 79 | 28 | 6 |
| **DORADO, seu XIPHIAS.** *4. Classis.* | | | | | | |
| In Capite | ♏ | 26 | 45 | 86 | 53 | 4 |
| In branchijs | ♒ | 1 | 23 | 87 | 0 | 5 |
| In ventre | ♓ | 0 | 53 | 88 | 12 | 5 |
| Supra dorsum | ♉ | 25 | 3 | 84 | 46 | 4 |
| In extrema cauda | ♉ | 10 | 38 | 76 | 15 | 4 |
| Nubeculæ maioris centrum | ♒ | 1 | 3 | 84 | 0 | neb. |
| Huic adiacens | ♑ | 18 | 3 | 82 | 31 | 5 |
| **TOVCAN, idest ANSER AMERICANVS.** *4. Classis.* | | | | | | |
| In rostro extremo | ♒ | 5 | 18 | 45 | 55 | 3 |
| In capite | ♒ | 16 | 15 | 48 | 15 | 3 |
| In ancone alæ sinistræ | ♒ | 15 | 23 | 54 | 15 | 4 |
| Ibi inferior | ♒ | 14 | 18 | 55 | 45 | 5 |
| In media ala | ♒ | 16 | 9 | 58 | 20 | 3 |
| In dorso | ♒ | 22 | 23 | 57 | 50 | 3 |
| In cauda | ♒ | 22 | 48 | 61 | 30 | 4 |
| In rami folio, seu nuce myristica | ♒ | 2 | 33 | 49 | 55 | 4 |
| **HYDRVS.** | | | | | | |
| In Capite | ♈ | 5 | 23 | 64 | 5 | 3 |
| In collo superior | ♈ | 11 | 53 | 71 | 40 | 4 |
| Colli trium inferior | ♈ | 13 | 18 | 79 | 25 | 4 |
| Conuersionis colli prima | ♈ | 1 | 18 | 71 | 12 | 4 |
| Secunda | ♒ | 18 | 18 | 79 | 30 | 5 |
| Tertia | ♒ | 26 | 3 | 67 | 50 | 5 |
| Quarta | ♒ | 21 | 33 | 64 | 0 | 5 |
| Quinta | ♒ | 7 | 4 | 65 | 0 | 5 |
| Sexta | ♑ | 26 | 29 | 64 | 55 | 4 |
| Septima | ♑ | 19 | 15 | 60 | 0 | 5 |
| In caudæ cõuers. 1. Austral. | ♑ | 15 | 38 | 58 | 10 | 5 |
| Boreal. | ♑ | 13 | 48 | 56 | 0 | 5 |
| In 2. caudæ flexu antepenult. | ♑ | 13 | 13 | 62 | 40 | 5 |
| Penultima | ♑ | 8 | 53 | 64 | 30 | 5 |
| Vltima | ♑ | 5 | 38 | 64 | 0 | 5 |
| Nubeculæ minoris centrum | ♒ | 6 | 3 | 67 | 0 | neb. |
| Inter hanc, & maiorem informis | ♒ | 8 | 48 | 72 | 20 | 6 |
| Austrina | ♒ | 5 | 48 | 78 | 30 | 4 |
| Quæ supra 8. & 9. Hydri | ♒ | 4 | 40 | 61 | 20 | 5 |
| Infra collum superior | ♈ | 17 | 10 | 75 | 30 | 4 |
| Ibi inferior | ♈ | 1 | 19 | 80 | 0 | 6 |

Sunt itaq; Constellationes Zodiaci 12. Boreales autem 23. & Australes 27. omnes sunt 62.

| | | |
|---|---|---|
| In Zodiaci Astris sunt Stellæ primæ Magnitudinis | | 6 |
| Secundæ Magnitudinis | | 9 |
| In Borealibus Astris sunt Stellæ Magnitud. Primæ | | 5 |
| Secundæ Magnitudinis | | 22 |
| In Australibus Astris Stellæ Primæ Magnitud. sunt | | 5 |
| Secundæ Magnitudinis | | 28 |
| Ergo omnes Stellæ Primæ Magnitudinis sunt | | 14 |
| Secundæ autem | | 59 |



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*TABVLA 99. Ascensionis Recta, ac Declinationis Centum Fixarum ad Annum Christi completum MDCC.*

| Nomina Fixarum | ASCENSIO RECTA Anno 1700 | | | DECLINATIO Anno 1700 | | | | DIFFERENTIA Ascēsionis Annorum 100 | | DIFFERENTIA Declination. Annorum 100 | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Gr. | ′ | ″ | Gr. | ′ | ″ | | Gr. | ′ | ′ | |
| Andromedæ Caput | 358 | 14 | 8 | 27 | 27 | 26 | B | 1 | 17 | 34 | A |
| Andromedæ Cingulum | 13 | 11 | 20 | 34 | 2 | 40 | | 1 | 23 | 33 | A |
| Andromedæ pes Australis | 26 | 21 | 51 | 40 | 52 | 30 | | 1 | 29 | 30 | A |
| Aquarij Fomahant | 340 | 11 | 0 | 31 | 8 | 10 | A | 1 | 25 | 31 | S |
| Aquarij humerus dexter | 327 | 36 | 55 | 1 | 43 | 44 | | 1 | 20 | 29 | S |
| Aquarij humerus sinister | 318 | 55 | 54 | 6 | 48 | 46 | | 1 | 21 | 26 | S |
| Aquarij manus sinistra | 307 | 45 | 54 | 10 | 33 | 44 | | 1 | 16 | 19 | S |
| Aquilæ lucida | 294 | 2 | 47 | 8 | 6 | 32 | B | 1 | 17 | 13 | A |
| Arietis 1. in Cornu | 24 | 17 | 2 | 17 | 48 | 24 | B | 1 | 23 | 31 | A |
| Arietis 2. in Cornu | 24 | 30 | 3 | 19 | 19 | 24 | | 1 | 22 | 31 | A |
| Arietis Lucida | 27 | 35 | 58 | 22 | 1 | 30 | | 1 | 25 | 30 | A |
| Autigæ Capella | 73 | 35 | 56 | 45 | 40 | 0 | | 1 | 49 | 10 | A |
| Autigæ humerus dexter | 84 | 29 | 42 | 44 | 51 | 30 | | 1 | 58 | 4 ½ | A |
| Bootis Arcturus | 210 | 33 | 2 | 20 | 48 | 2 | B | 1 | 11 | 29 ½ | S |
| Bootis humerus sinister | 215 | 2 | 33 | 39 | 35 | 12 | | 1 | 2 | 27 | S |
| Cancri præsepe | 125 | 46 | 2 | 20 | 43 | 4 | B | 1 | 28 | 19 | S |
| Cancri Asellus Boreus | 126 | 26 | 0 | 22 | 3 | 0 | | 1 | 30 | 20 | S |
| Cancri Asellus Austral. | 126 | 54 | 3 | 19 | 15 | 0 | | 1 | 27 | 20 | S |
| Canis Maior, Sirius | 97 | 57 | 6 | 16 | 18 | 6 | A | 1 | 7 | 4 | A |
| Canicula, Procyon | 110 | 54 | 33 | 5 | 59 | 12 | B | 1 | 20 | 12 | S |
| Capricorni cornu præced. | 300 | 24 | 34 | 13 | 22 | 6 | A | 1 | 25 | 16 | S |
| Capricorni cornu inferius | 301 | 7 | 29 | 15 | 38 | 2 | | 1 | 27 | 17 | S |
| Capricorni cauda præced. | 320 | 56 | 29 | 17 | 54 | 21 | | 1 | 26 | 26 | S |
| Capricorni cauda sequens | 322 | 43 | 30 | 17 | 22 | 22 | | 1 | 25 | 27 | S |
| Cassiopeæ lucida Cathedræ | 358 | 14 | 33 | 57 | 32 | 16 | B | 1 | 15 | 34 | A |
| Cassiopeæ Schedir | 5 | 56 | 0 | 54 | 55 | 16 | | 1 | 22 | 34 | A |
| Cassiopeæ flexura | 9 | 45 | 58 | 59 | 7 | 36 | | 1 | 27 | 34 | A |
| Cassiopeæ genu | 16 | 36 | 0 | 58 | 40 | 22 | | 1 | 35 | 33 | A |
| Cephei cingulum | 321 | 6 | 20 | 69 | 17 | 10 | | 0 | 22 | 26 | A |
| Ceti mandibulæ lucida | 41 | 38 | 7 | 2 | 53 | 50 | B | 1 | 15 | 25 | A |
| Ceti ventris borea | 24 | 12 | 0 | 11 | 44 | 50 | A | 1 | 15 | 31 | S |
| Ceti cauda Australis | 7 | 5 | 8 | 19 | 35 | 44 | | 1 | 18 | 34 | S |
| Ceti cauda Borealis | 1 | 4 | 12 | 10 | 24 | 50 | | 1 | 17 | 34 | S |
| Coronæ borealis lucida | 230 | 39 | 0 | 27 | 45 | 20 | B | 1 | 5 | 21 | S |
| Cygni rostrum | 289 | 39 | 48 | 27 | 22 | 40 | | 1 | 1 | 11 | A |
| Cygni pectoris antiqua | 302 | 55 | 52 | 39 | 20 | 5 | | 0 | 53½ | 18 | A |
| Cygni cauda | 307 | 47 | 17 | 44 | 14 | 52 | | 0 | 51½ | 20 ½ | A |
| Cygni ala superior | 293 | 56 | 2 | 44 | 26 | 21 | | 0 | 48 | 14 | A |
| Cygni ala inferior | 308 | 29 | 10 | 32 | 51 | 24 | | 0 | 0 | 21 | A |
| Draconis lucida | 267 | 25 | 20 | 51 | 35 | 2 | | 0 | 35 | 2 | S |
| Geminorum Castoris caput | 108 | 50 | 46 | 32 | 30 | 26 | B | 1 | 44 | 11 | S |
| Pollucis caput | 111 | 43 | 36 | 28 | 43 | 2 | | 1 | 34 | 12 | S |
| Geminorum pes lucidus | 95 | 3 | 34 | 16 | 37 | 32 | | 1 | 28 | 2 | S |
| Herculis caput | 255 | 21 | 37 | 14 | 46 | 48 | B | 1 | 8 | 8 | S |
| Herculis humer. dexter | 244 | 19 | 39 | 22 | 11 | 40 | | 1 | 5 | 15 | S |
| Herculis humer. finist. | 255 | 31 | 33 | 25 | 15 | 48 | | 0 | 52 | 8 | S |
| Hydræ cor | 138 | 12 | 22 | 7 | 21 | 36 | A | 1 | 15 | 25 | A |
| Leonis cor | 148 | 4 | 15 | 13 | 25 | 16 | B | 1 | 22½ | 28 ½ | S |
| Leonis cauda | 175 | 25 | 34 | 16 | 14 | 4 | | 1 | 19 | 34 | S |
| ~~Leonis Lucida inbæ~~ | ~~150~~ | ~~48~~ | ~~47~~ | ~~21~~ | ~~21~~ | ~~0~~ | | ~~1~~ | ~~25½~~ | ~~29~~ | ~~S~~ |
| Leonis Lucida lumborum | 164 | 32 | 20 | 22 | 7 | 44 | | 1 | 27 | 34 | S |
| Leonis suprema ceruicis | 149 | 58 | 52 | 24 | 53 | 54 | | 1 | 28 | 29 | S |
| Leonis infima ceruicis | 147 | 47 | 52 | 18 | 13 | 33 | | 1 | 28 | 28 | S |
| Leporis femur | 78 | 51 | 30 | 20 | 59 | 0 | A | 1 | 5 | 7 | S |
| Libræ lanx borealis | 225 | 15 | 26 | 8 | 14 | 46 | | 1 | 21¼ | 24 | A |

Libræ

*Residuum* TABVLA 99. *Ascensionis Rectæ, &c.*

| Nomina Fixarum | ASCENSIO RECTA Anno 1700 | | | DECLINATIO Anno 1700 | | | | DIFFERENTIA Ascensionis Annorum 100 | | DIFFERENTIA Declination. Annorum 100 | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Gr. | ′ | ″ | Gr. | ′ | ″ | | Gr. | ′ | ′ | |
| Libræ lanx australis | 218 | 38 | 12 | 14 | 45 | 18 | | 1 | 25 | 27 | A |
| Lyræ lucida | 276 | 39 | 32 | 38 | 32 | 16 | B | 0 | 50 | 4 | A |
| Ophiuchi caput | 260 | 15 | 38 | 12 | 49 | 22 | B | 1 | 11 | 7 | S |
| Ophiuchi manus sinistra | 239 | 47 | 37 | 2 | 52 | 52 | A | 1 | 23 | 18 | A |
| Ophiuchi genu dextra | 252 | 39 | 40 | 9 | 53 | 30 | | 0 | 50 | 10 | A |
| Ophiuchi genu sinistra | 245 | 11 | 37 | 15 | 16 | 30 | | 1 | 23 | 15 | A |
| Ophiuchi humerus dextra | 262 | 8 | 38 | 4 | 44 | 40 | B | 1 | 13 | 5 | S |
| Orionis capitis suprema | 79 | 41 | 10 | 9 | 34 | 38 | B | 1 | 22 | 7 | A |
| Orionis humerus dexter | 84 | 43 | 4 | 7 | 18 | 20 | | 1 | 22 | 4 | A |
| Orionis humerus sinister | 77 | 16 | 40 | 6 | 3 | 2 | | 1 | 19 | 8 | A |
| Orionis pes Rigel | 75 | 2 | 50 | 8 | 33 | 42 | A | 1 | 15½ | 9½ | S |
| Orionis 1. balthei | 79 | 9 | 48 | 0 | 32 | 50 | | 1 | 17 | 7 | S |
| 2. balthei | 80 | 12 | 54 | 1 | 25 | 46 | | 1 | 17 | 6 | S |
| 3. balthei | 81 | 18 | 25 | 2 | 8 | 20 | | 1 | 16 | 5 | S |
| Pegasi os | 322 | 27 | 36 | 8 | 32 | 14 | B | 1 | 18 | 26 | A |
| Pegasi crus scheat | 342 | 20 | 36 | 26 | 28 | 38 | | 1 | 12 | 32 | A |
| Pegasi Markab | 342 | 28 | 10 | 13 | 35 | 58 | | 1 | 15 | 32 | A |
| Pegasi Algenib | 359 | 27 | 25 | 13 | 32 | 56 | | 1 | 16 | 34 | A |
| Persei lucidum latus | 45 | 32 | 18 | 48 | 44 | 54 | | 1 | 28 | 12 | A |
| Persei Medusæ caput | 42 | 12 | 42 | 39 | 46 | 30 | | 1 | 37 | 25 | A |
| Piscis australis occiput | 345 | 24 | 5 | 1 | 40 | 2 | | 1 | 17 | 33 | A |
| Piscium lini nexus | 26 | 38 | 5 | 1 | 19 | 0 | | 1 | 18 | 30 | A |
| Sagittarij lucida Capitis | 283 | 1 | 5 | 21 | 22 | 48 | A | 1 | 31 | 8 | S |
| Scorpij cor, Antares | 242 | 47 | 28 | 25 | 39 | 54 | | 1 | 32 | 16 | A |
| Scorpij frons borealis | 236 | 58 | 15 | 18 | 53 | 36 | | 1 | 28 | 19 | A |
| Frontis media | 236 | 4 | 34 | 21 | 41 | 40 | | 1 | 30 | 20 | A |
| Frons australis | 235 | 18 | 0 | 25 | 9 | 54 | | 1 | 37½ | 21 | A |
| Serpentis lucida colli | 232 | 24 | 0 | 7 | 24 | 36 | B | 1 | 15 | 21 | S |
| Tauri Aldeb. seu oculus austr. | 64 | 41 | 35 | 15 | 52 | 10 | B | 1 | 26½ | 15 | A |
| Tauri cornu boreum | 76 | 51 | 18 | 28 | 19 | 2 | | 1 | 37 | 8 | A |
| Tauri cornu australe | 79 | 55 | 20 | 20 | 55 | 58 | | 1 | 31 | 7 | A |
| Tauri boreus oculus | 62 | 43 | 36 | 18 | 30 | 28 | | 1 | 24 | 17 | A |
| Tauri infima Hyadum | 60 | 39 | 38 | 14 | 55 | 38 | | 1 | 25 | 17 | A |
| Tauri Pleiadum Lucida | 52 | 27 | 35 | 23 | 9 | 24 | | 1 | 29 | 21 | A |
| Virginis Spica | 197 | 22 | 55 | 9 | 33 | 30 | | 1 | 19½ | 32½ | A |
| Virginis cingulum | 190 | 10 | 22 | 5 | 2 | 54 | B | 1 | 18 | 34 | S |
| Virginis Vindemiatrix | 191 | 52 | 20 | 12 | 34 | 58 | | 1 | 17 | 33 | S |
| Vrsæ maioris Dubhe | 161 | 17 | 5 | 63 | 22 | 2 | B | 1 | 41 | 32 | S |
| Lateris lucida | 160 | 52 | 20 | 57 | 59 | 2 | | 1 | 37 | 32 | S |
| Posterioris coxæ lucida | 174 | 23 | 34 | 55 | 23 | 42 | | 1 | 23 | 34 | S |
| Tergoris prope caudã lucida | 180 | 8 | 2 | 58 | 41 | 42 | | 1 | 20 | 34 | S |
| Vrsæ mai, 1. Caudæ | 190 | 7 | 56 | 57 | 36 | 58 | | 1 | 9 | 33 | S |
| 2. Caudæ | 197 | 55 | 2 | 56 | 30 | 52 | | 1 | 3 | 32 | S |
| 3. in extremo Caudæ | 203 | 53 | 50 | 50 | 50 | 56 | | 1 | 2 | 31 | S |
| Vrsæ minoris vltima caudæ nunc Polaris | 9 | 52 | 19 | 87 | 42 | 51 | | 3 | 10 | 34½ | A |
| Vrsæ minoris lucida humeri, olim Cynosura | 222 | 39 | 29 | 75 | 37 | 30 | | 1 | 15 | 2½ | A |
| Huius Ascensio Recta decrescit. | | | | | | | | | | | |

TA-

*TABVLA* 100. *Motus Fixarum in Longitudinem. Addendi Longitudini Anni* 1700. *Christi, vel subtrahendi, vt habeantur eorum loca post, vel ante.*

| Anni | I | II | III | Anni | Gr. | I | II | III |
|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 50 | 40 | 61 | 0 | 51 | 30 | 40 |
| 2 | 1 | 41 | 20 | 62 | 0 | 52 | 21 | 20 |
| 3 | 2 | 32 | 0 | 63 | 0 | 53 | 12 | 0 |
| 4 | 3 | 22 | 40 | 64 | 0 | 54 | 2 | 40 |
| 5 | 4 | 13 | 20 | 65 | 0 | 54 | 53 | 20 |
| 6 | 5 | 4 | 0 | 66 | 0 | 55 | 44 | 0 |
| 7 | 5 | 54 | 40 | 67 | 0 | 56 | 34 | 40 |
| 8 | 6 | 45 | 20 | 68 | 0 | 57 | 25 | 20 |
| 9 | 7 | 36 | 0 | 69 | 0 | 58 | 16 | 0 |
| 10 | 8 | 26 | 40 | 70 | 0 | 59 | 6 | 40 |
| 11 | 9 | 17 | 20 | 71 | 0 | 59 | 57 | 20 |
| 12 | 10 | 8 | 0 | 72 | 1 | 0 | 48 | 0 |
| 13 | 10 | 58 | 40 | 73 | 1 | 1 | 38 | 40 |
| 14 | 11 | 49 | 20 | 74 | 1 | 2 | 29 | 20 |
| 15 | 12 | 40 | 0 | 75 | 1 | 3 | 20 | 0 |
| 16 | 13 | 30 | 40 | 76 | 1 | 4 | 10 | 40 |
| 17 | 14 | 21 | 20 | 77 | 1 | 5 | 1 | 20 |
| 18 | 15 | 12 | 0 | 78 | 1 | 5 | 52 | 0 |
| 19 | 16 | 2 | 40 | 79 | 1 | 6 | 42 | 40 |
| 20 | 16 | 53 | 20 | 80 | 1 | 7 | 33 | 20 |
| 21 | 17 | 44 | 0 | 81 | 1 | 8 | 24 | 0 |
| 22 | 18 | 34 | 40 | 82 | 1 | 9 | 14 | 40 |
| 23 | 19 | 25 | 20 | 83 | 1 | 10 | 5 | 20 |
| 24 | 20 | 16 | 0 | 84 | 1 | 10 | 56 | 0 |
| 25 | 21 | 6 | 40 | 85 | 1 | 11 | 46 | 40 |
| 26 | 21 | 57 | 20 | 86 | 1 | 12 | 37 | 20 |
| 27 | 22 | 48 | 0 | 87 | 1 | 13 | 28 | 0 |
| 28 | 23 | 38 | 40 | 88 | 1 | 14 | 18 | 40 |
| 29 | 24 | 29 | 20 | 89 | 1 | 15 | 9 | 20 |
| 30 | 25 | 20 | 0 | 90 | 1 | 16 | 0 | 0 |
| 31 | 26 | 10 | 40 | 91 | 1 | 16 | 50 | 40 |
| 32 | 27 | 1 | 20 | 92 | 1 | 17 | 41 | 20 |
| 33 | 27 | 52 | 0 | 93 | 1 | 18 | 32 | 0 |
| 34 | 28 | 42 | 40 | 94 | 1 | 19 | 22 | 40 |
| 35 | 29 | 33 | 20 | 95 | 1 | 20 | 13 | 20 |
| 36 | 30 | 24 | 0 | 96 | 1 | 21 | 4 | 0 |
| 37 | 31 | 14 | 40 | 97 | 1 | 21 | 54 | 40 |
| 38 | 32 | 5 | 20 | 98 | 1 | 22 | 45 | 20 |
| 39 | 32 | 56 | 0 | 99 | 1 | 23 | 36 | 0 |
| 40 | 33 | 46 | 40 | 100 | 1 | 24 | 26 | 40 |
| 41 | 34 | 37 | 20 | 200 | 2 | 48 | 53 | 20 |
| 42 | 35 | 28 | 0 | 300 | 4 | 13 | 20 | 0 |
| 43 | 36 | 18 | 40 | 400 | 5 | 37 | 46 | 40 |
| 44 | 37 | 9 | 20 | 500 | 7 | 2 | 13 | 20 |
| 45 | 38 | 0 | 0 | 600 | 8 | 26 | 40 | 0 |
| 46 | 38 | 50 | 40 | 700 | 9 | 51 | 6 | 40 |
| 47 | 39 | 41 | 20 | 800 | 11 | 15 | 33 | 20 |
| 48 | 40 | 32 | 0 | 900 | 12 | 40 | 0 | 0 |
| 49 | 41 | 22 | 40 | 1000 | 14 | 4 | 26 | 40 |
| 50 | 42 | 13 | 20 | 2000 | 28 | 8 | 53 | 20 |
| 51 | 43 | 4 | 0 | 3000 | 42 | 13 | 20 | 0 |
| 52 | 43 | 54 | 40 | 4000 | 56 | 17 | 46 | 40 |
| 53 | 44 | 45 | 20 | 5000 | 70 | 22 | 13 | 20 |
| 54 | 45 | 36 | 0 | 6000 | 84 | 26 | 40 | 0 |
| 55 | 46 | 26 | 40 | 7000 | 98 | 31 | 6 | 40 |
| 56 | 47 | 17 | 20 | 8000 | 112 | 35 | 33 | 20 |
| 57 | 48 | 8 | 0 | 9000 | 126 | 46 | 0 | 0 |
| 58 | 48 | 58 | 40 | 10000 | 140 | 44 | 26 | 40 |
| 59 | 49 | 49 | 20 | 20000 | 281 | 28 | 13 | 20 |
| 60 | 50 | 40 | 0 | 25579 | 360 | 0 | 0 | 0 |
| | Anni 61 | | | | | | | |

## NOMENCLATVRA STELLARVM.

*TAB.* 101. *Nomina Stellarum Peregrina, & Plerumque Arabica, cum eorum interpretatione continens. In qua ne mirere Lector, si eidem Stellæ diuersa nomina videbis adscripta, pro diuersitate Dialectorum, aut codicum fortasse corruptorum.*

*Abrachaleus*, Castor, aut eius caput.
*Acharnar*, *Acharnaar*, vel *Acharnarim*, arab. lucida in extremo Eridani.
*Achluschemali*, arab. Corona Borea.
*Adared*, arab. Mercurius.
*Aderaimin*, vel *Alderamin*, arab. quæ supra humerum finist. Cephei.
*Adigege*, vel *Adegige* arab. Cygnus, quasi rosa redolens.
*Adhil*, quæ in imo vestis Andromedæ.
*Adrendefa* arab. Virgo.
*Aegipan*, *Aegoceros* Græcolatinè Capricornus.
*Afeichius*, Serpentarius, an corruptè à Græcolatino *Ophiuchus?*
*Akrab* Hebræis; *Aakrab* arab. *Acrabo* Chaldæis, Scorpius.
*Alacrab*, vel potius *Aakrab* arab. aut *Hacrab*, Scorpius.
*Alamak*, vel *Almaak* arab. non *Alhames*, quæ in pede australi Andromedæ.
*Alascha*, duarum præcedens in aculeo Scorpij.
*Alasid*, vel *Alezet*, vel *Asid*, vel *Ellesed* arab. Leo.
*Alazet*, apud *Azophi*, cauda Leonis.
*Alazel*, vel *Alaazal*, vel Hazinnet *Alazel*, & Hermeti *Albaiseth*, Spica Virginis.
*Alathod*, vel *Albaiot*, Capella.
*Albegala*, Lyra.
*Albezze*, aut *Albizze*, Centaurus.
*Albireo* arab. quæ in rostro Cygni.
*Alcantarus* arab. Capricornus.
*Alcor* arab. Eques stellula supra secundam caudæ Vrsæ maioris.
*Aldebaran* oculus Tauri australis, idest stella dominatrix.
*Alderamin*, seu *Aderaimin* arab. quæ supra humerum sinistrum Cephei.
*Algebar*, vel *Algebra*, arab. Orion, vide *Elgeuze*.
*Algedi* arab. Capricornus.
*Algenib* arab. lucida in extrema ala Pegasi, vel in latere Persei.
*Algethi*, vel *Algiethi* arab. Hercules.
*Algeuze*, vel potius *Elgiautze* arab. caput Castoris.
*Algol*, arab. Caput Medusæ, vel ipsa Medusa.
*Algomeiza*, arab. Procyon, Canis minor.
*Algorab*, arab. Coruus.
*Alhabor*, arab. splendida in ore Canis maioris.
*Alhague*, arab. non *Alangue*, Serpentarius.
*Alhaiot*, arab. *Alhaiset* Hermeti Spica Virginis.
*Alhance* arab. vel *Alahance*, Sagitta.
*Alhes*, arab. vel *Alkes*, quæ in basi Crateris, communisq; cum Hydra.
*Aliath*, prima caudæ Vrsæ maioris.
*Aliemini*, Alphonsinis Canis maior.
*Alkalurops*, quæ in Colorobo Bootis.
*Alkameluz*, arab. Arcturus.
*Almucedie*, arab. Vindemiatrix.
*Almuredin*, arab. Vindemiatrix.
*Almegrameth*, arab. Thuribulum.
*Alohore* Lyra.
*Aloue* Cap. Medusæ.
*Alphard*, arab. Cor Hydræ in flexura.
*Alpheichius*, arab. Serpentarius.
*Alpheras*, arab. Pegasus.
*Alpheta*, vel *Alpheta* Syrochaldæis Lucida Coronæ Boreæ, quasi pupilla aperta.
*Altamech*, vel *Aramech*, arab. Arcturus.
*Alruccabah* arab. vel Ruccabah, Polaris Stella in extremo caudæ Vrsæ minoris.
*Alsartan*, *Asartan*, vel potiùs *Elsartan*, Cancer.
*Alzimon* Nubianis Spica Virginis.
*Amaxa* Græcolat. ἁμαξα, plaustrum minus, Vrsa minor.

*Angen-*

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*Angentenar*, vel *Achenetenar* sunt 9. Stellæ in 3. flexura Eridani.
*Anhelar* Chald. caput Castoris.
*Antares* Ptolemæo Cor Scorpij ἀντάρης Hesychio.
*Apullum* corruptè pro Apollo, seu Castor.
*Arie* Chaldæis, *Arieh* Hebræis Leo.
*Arided* lucida in cauda Cygni.
*Aris* Chaldaicè Mars, & Græcè ἄρης.
*Asangue* Lyra.
*Asartan*, arab. Cancer.
*Aschere*, vel *Aschemie*, Canis minor.
*Asida*, arab. Lupus.
*Asmeat*, arab. Centaurus.
*Astacus* Gr. Cancer.
*Astaroth* Chaldæis Venus.
*Asuia* Hydra.
*Asugia* Orion.
*Atair*, vel *Alcair*, Lucida in capulis Aquilæ arab.
*Atargatijs* Virgo.
*Ataur*, arab. Taurus.
*Athalpis* Gr. ἀθαλπὴς Capricornus.
*Athorace* Ptolem. 1. Quadrip. c. 9. Pleiades.
*Athoraie*, vel *Altorich*, apud Hali Haben Ragel sunt Pleiades.
*Atin*, vel *Eltaur*, oculus Tauri.
*Auellar*, seu *Auellan* Pollux.
*Azelphage*, arab. binæ Stellæ in extrema cauda Cygni.
*Azimech*, arab. Spica Virginis.
*Azubene*, arab. Chelam tam Cancri, quàm Scorpij, & inde Libram ex huius Chela pendentem significat.

## B

*Baculus Iacob*, Orionis baltheus.
*Basiliscus*, βασίλισκος; Regulus, Cor Leonis.
*Baten Kaitos*, arab. borealior Stella in ventre Ceti.
*Beemim*, arab. sunt 7. Stellæ in 4. flexura Eridani.
*Bellatrix* Stella quæ in humero dextro Orionis.
*Benat Elnanschi*, filiæ congregationis Pleiades.
*Benenaim*, vel *Benenatz*, vel potius *Benetnasch*, arab. vltima in cauda Vrsæ maioris.
*Betelgeuze*, vel *Bectelgeuze*, arab. lucida in sinistro humero Orionis, & significat Gigantis domum.
*Bridemif*, Persis Lupus.
*Brinek*, Lyra, vel Lyræ lucida.
*Buthean* Germanicè; *Butrio* Anglicè gallina fouens pullos, sic vocant Pleiades, sicut Itali *la Gallinella*.

## C

*Callisto* Vrsa maior.
*Cammarus* Cancer.
*Cancaus* Cepheus.
*Canopus*, vel *Canobus*, lucida in temone Argonauis.
*Carnabons* Serpentarius.
*Cateia*, vel *Caia* prima in Septentrionali parte claui Herculis.
*Caun* Chaldaicè Saturnus.
*Ceginus* Cepheus, vel quæ in sinistro humero Bootis.
*Cerua* quibusdam Cassiopea.
*Chammah*, Hebraicè Sol.
*Cheichius*, vel *Cheguius*, alijs Cepheus, alijs Bootes.
*Chelub*, vel *Cheleub*, Alphonsinis Perseus.
*Chenib*, vel potius *Genib*, arab. lucida in latere Persei.
*Chesil* Hebraicè Arcturus, aut Orion à verbo *Cacal*, quod varium, & inconstantem significat.
*Chateb* Hebraicè Mercurius, idest Scriba.
*Chimà*, vel *Kimà* Hebraicè, Pleiades, & Hyades, imo alijs Arcturus, nempe sidera procellosa.
*Chrysomallus* Græc. Aries velleris aurei.
*Circitoris* 2. minoris Stellæ in cauda Vrsæ minoris.
*Cochau*, vel *Cochab* Hebræis Mercurius, nempe Stella fulgens.
*Colorrhobus* κολορρόβος, hastile cauum, vel claua Bootis.
*Currus volitans* Catullo Nauis Argo.
*Cynosura* Vrsa minor.

## D

*Dagim* Hebr. Pisces, vel *Dagiotho*.
*Dat Elkarsi*, arab. Sedes Cassiopeæ.
*Daulo* Chald. Aquarius.
*Delli* Hebr. Situla pro Aquario.
*Deneb*, vel *Denneb*, arab. Cauda.
*Deneb Adigege*, Lucida in cauda Cygni.
*Deneb Elassid* arab. vel *Deneb Alasid* cauda Leonis.
*Deneb Algedi*, vel *Elgeudi*, præced. in cauda Capricorni.
*Deneb Elaakrab*, arab. cauda Scorpij.
*Deneb Kaitos*, arab. australior in cauda Ceti.
*Didymi*, δίδυμοι, Gemini.
*Dioscuri*, διόσκουροι, Gemini.
*Dubhe*, vel *Dubbeh*, lucida in humero Vrsę maioris arab.
*Dubhe Elezguar*, arab. lucida humeri Vrsæ minoris.
*Dubberukabah*, Vrsa minor.

## E

*Edeleu*, arab. Aquarius.
*Eladari*, arab. vel *Eleadari*, Virgo.
*Eleazelet*, Nubianis Astrologis fusus, seu Spica Virginis, corruptè *Alzimon*.
*Elezguar* Cynosura, Vrsa minor.
*Eldegiagith* Cygnus, quasi Galli rosa.
*Elgebar*, arab. Orion, Gigas.
*Elgedi*, arab. Capricornus.
*Elgenib* fulgens in latere Persei arab.
*Elgeuzi*, arab. Gemini.
*Elgeziale*, arab. Hercules.
*Elhakaac*, arab. Capita Geminorum.
*Elhamel*, Aries.
*Elharneb*, Lepus.
*Elhauic*, Hydra.
*Elhaut*, Piscis.
*Elhenaat*, Caput Pollucis.
*Elkausu*, vel *Elkusu*, vel *Elkaus*, Aquarius arab.
*Elkaitus*, arab. Cetus.
*Elkamer*, arab. Luna.
*Elkis*, vel *Eluarad*, arab. Crater.
*Elkleil Elgenubi*, arab. Corona Australis.
*Elkleil Schemali*, arab. Corona Borealis.
*Elmac Alcheras*, arab. Equus minor.
*Ellessed*, arab. Leo.
*Elmarig*, arab. Mars.
*Elmesteri*, arab. Iupiter.
*Elnatret*, arab. Aselli Cancri.
*Elsartan*, arab. Cancer.
*Elschems*, arab. Sol.
*Eltsamach*, arab. Spica Virginis.
*Elzahereh*, arab. Venus.
*Emro*, Chald. Aries.
*Engonasi*, Græcè Ingeniculus, Hercules.
*Enif*, vel *Enf Alpheras*, Stella in rictu Pegasi.
*Erigone*, Virgo.
*Ezra* Cynosura, Vrsa minor.

## F

*Fomauth*, vel *Phomalhaut*, aut *Phomauth*, corruptè *Phomaant*, arab. Os piscis, seu splendida in effusione Aquarij.

## G

*Gadio*, Chald. Capricornus.
*Garacles*, vel *Abrachaleus* Chald. Caput Pollucis.
*Gedi*, Chald. Capricornus.
*Gieuz*, arab. vel cum articulo Elgeuzi, Gemini.
*Grumium*, barbaris quæ ad genam Draconis.
*Grus*, vel *Ciconia*, Mauris est Serpentarius.
*Guad*, Mauris Eridanus, vel Nilus.

## H

*Haakrab*, vel *Aaakrab*, & cum articulo *Elaakrab*, arab. Scorpius.

Ham-

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*Hammel*, arab. Aries.
*Harneb*, & cum articulo *Elharneb*, arab. Lepus.
*Haut*, & cum articulo *Elhaut*, vel *Elhaudine*, arab. Pisc.
*Haut Elgenubi*, arab. Piscis Australis.
*Haut Elschemali*, arab. Piscis Borealis.
*Helice* Græc. Vrsa maior.
*Heniochus* Græc. Auriga.
*Hermannibis*, Ægyptijs Deus lotquelæ, idest Mercurius.
*Hermes* Græc. ἑρμῆς, Mercurius.
*Hermidone*, ἑρμιδόνη, Vitruuio l. 9. c. 6. effusio aquarij.
*Hermippus*, Plinio Delphin.
*Hesperus*, ἕσπερος, Venus vespertina.
*Hexastron* Græc. ἑξάστρον, Sidus sex Stellarum Ægyptijs Pleiades; *quæ*, vt canit Ouidius, *septem dici, sexque esse solent*, quia septima ægrè conspicitur.
*Hierezim*, arab. rosa redolens, aut lilium, & vocant Cygni astrum.
*Hydrochous*, Græc. Aquarius.
*Hydriturus*, Gr. Vrnam aquæ versans, nempe Aquarius.

# I

*Ingeniculus*, in genua procumbens Hercules.
*Iugum*, Ciceroni Libra.
*Iugula*, Plauto, & Varroni Orion.
*Iugula*, Aselli in Cancro.

# K

*Kalb*, arab. Cor.
*Kalbelaakrab*, arab. Cor Scorpij.
*Kalbellessed*, arab. Fetzanis, Marrocensib. & Nubianis Cor Leonis, corruptè Alphonsinis *Kalbelid*.
*Kalbelalphard*, & aliquando sola *Alphara* arab. Cor Hydræ.
*Kaitos*, & cum articulo *Elkaitos*, arab. Cetus.
*Kaus*, & cum articulo *Elkaus*, arab. Sagittarius.
*Kertko*, Chald. Sagittarius.
*Kescheth*, Hebr. Sagittarius.
*Ketpholtsumman*, Caput Pollucis.
*Kochab*, arab. Lucida humeri Vrsæ minoris.
*Kolanza*, Arctutus arab.

# L

*Laelaps*, Canis maior.
*Lebanah*, vel *Ianeah*, Hebræis Luna sic dicta a bore.
*Lesath*, vel potius *Lessaa Elaakrab*, arab. Stella aculeo Scorpij, & significat ipsis *Morsum Scorpij*.

# M

*Maadim*, Hebr. Mars, vtpote sanguinei colo
*Maasym*, arab. stella in dextro cubito Hercul
*Maforte*, barbaris Auriga.
*Markab*, arab. currus; sed ipsis est prima ja, vel armo Pegasi.
*Malphelcane*, idest sertum pupillæ Chaldæ mpe Corona Borea.
*Marrà*, seu *Mergà*, arab. stella in falce Boo
*Marat Musalseleth*, arab. Mulier Catenat est Andromeda.
*Marsic*, idest reclinatorium, arab. stella in tra Herculis manu.
*Masathre*, Chal. Libra.
*Meeleph*, vel *Melleff*, arab. Nebulosa in pe Cancri.
*Meloch*, Ægyptijs Mars, vtpote Deus destrnis ipsis.
*Menkar Elkaitos*, arab. stella in naribus C
*Mesanguo*, Chald. Lyra.
*Mesartim*, Hebr. duæ stellæ in cornu Arie
*Mezer*, arab. stella in dextro femore Boo
*Micar*, vel *Mizar*, mediam Arabib. stel significat, tam eam quæ media est in cauda Vrsæ tis, quàm quæ in cingulo Andromedæ.
*Miluius*, Ouidio aliàs Cygnus.
*Mizan*, arab. Libra.
*Miznaim*, Hebr. Libra.
*Moschlek*, in aculeo Scorpij.
*Mumir pupilla*, arab. Lucida Coronæ.
*Musator*, Ciceroni Sagitta.
*Muscida* Barbaris stella est parua in naribus siue Pegasi, & dicitur *Muscida Pegasi*, siue Vrsæ maioris, & dicitur *Muscida Vrsæ*.
*Muthlatum*, vel *Mutlat*, arab. Triangulum.
*Myrtilus*, Auriga.

# N

*Naasch Laazar*, Christianis Arabibus significat Pheretrum Lazari, sic vocant Vrsæ maioris septem stellas, & tres in cauda *Benat Naasch*, idest filias pheretri.
*Nahar*, arab. Nilus, seu Eridanus.
*Nebolellesed*, arab. & Nebolassid Astrologis Nubianis est Cauda Leonis.
*Nembus*, arab. stella in falce Persei.
*Nepa*, Cancer Varroni.
*Nobia*, Chaldæis Mercurius.
*Noctiurus*, νυκτιφύλαξ, custo noctis, nempe Saturnus, apud Plutarchum de Facie Lunæ.
*Nogah*, Hebraicè Venus, vtpote lux rutilans.
*Nonacrine*, Latinis Vrsa maior.

# O

*Octipes*, Cancer.
*Ophiuchus*, ὀφιούχος, Serpentarius.
*Orfercalem*, Turcis Sagitta.
*Orphas*, Cetus.

# P

*Palilicium*, Latinis Oculus Australis Tauri.
*Pestere*, Chald. Nebulosa Cancri.
*Pcochos*, & Assephcom, Luna Ægyptijs, vtpote Maris domina.
*Phaenon*, φαίνων, i. apparens Saturnus.
*Phaëthon*, Iupiter Græcis à splendore.
*Pharmaz*, Crater.
*Phicarus*, Cepheus.
*Phomaut*, vel *Phomaule*, vel *Phomelhaut* Os piscis Arab. & est in effusione Aquarij.
*Phosphorus*, φόσφορος, Venus matutina.
*Picheus*, Ægyptijs Iupiter, vtpote ipsis Deus vitæ.
*Piorion*, πιώριον, Ægyptijs Statio Horti, idest oculus Tauri.
*Potiris*, Ægyptijs Sol, idest ipsis Deus Sanctus.
*Procyon*, πρόκυον, Ciceroni *Antecanis*, seu Præcanis, Canis minor.
*Propus*, πρόπους, stella in summo pedis sinistri Pollucis.
*Pyrois*, *Pyroentis*, πυρόεις, Mars igneus.

# R

*Ras*, Arabicè Caput.
*Ras Algethi*, arab. Caput Herculis.
*Ras Algol*, arab. Caput Medusæ.
*Ras Algeuze*, vel *Ras Elgiauze*, arab. Caput Castoris.
*Ras Alhague*, arab. Caput Serpentarij.
*Rastaben*, arab. Lucida Capitis Draconis.
*Rephan*, Ægyptijs Saturnus, vtpote ipsis Deus temporis.
*Rigel*, vel *Rigel Elgebar*, arab. lucida in sinistro pede Orionis.
*Roha*, Hebræis Auriga.
*Rota Ixionis*, Corona Australis.
*Ruccabah*, Stella Polaris, in extremo caudę Vrsę minoris.

# S

*Sagmarius*, Pegasus.
*Sameh*, Pisces.
*Sartai*, Hebr. Aries, eiusue Cornua.
*Sartan*, Hebr. & Arabib. *Elsartan* Cancer.
*Sartono*, Chaldæis Cancer.
*Sceará*, Canis maior, vel Sirius.
*Schaham*, arab. Sagitta.
*Schabtai*, Hebræis Saturnus.
*Schaoro*, Chaldæis Luna.

*Scheat*,

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*Scheat*, Arab. Crus, vel tibia: est quē tam Stella in Cruce Pegasi, & dicitur *Scheat Pegasi*, quam quæ in tibia sinistra Aquarij, & dicitur *Scheat Aquarij*; Arabibus autē prior *Scheat Alpheras*, posterior est *Scheat Edelen*.
*Seheder*, vel potius *Seder*, arab. stella in pectore Cassiopeæ.
*Scheer Eliemini*, Canis maior Persis.
*Schemasch*, Hebræis Sol à calore.
*Schemso*, Chaldæis Sol.
*Simon*, vel *Smon*, barbaris Delphinus.
*Soail Iemani*, Persis Canopus.
*Stilbon* Græcè Στιλβών, Mercurius à vibrando lumine.
*Sucula*, Varroni Hyades.
*Succoth Benoth*, Hebr. Tabernaculi filiæ, idest Pleiades.
*Subel*, Canopus.
*Sumbalet Eleadari*, arab. Spica Virginis.
*Suroth*, Ægyptij amoris domina, nempe Venus.
*Syndesmos*, σύνδεσμος, Arato Nodus Lini Piscium.

## T

*Tammech*, Chaldæis Gemini.
*Tauro*, Chald. Taurus.
*Taus*, Chaldæis Iupiter.
*Ternouelles*, Persis Hercules.
*Theemin*, arab. septem stellæ in 4. flexura Eridani.
*Theomin*, Hebræis Gemini.
*Triones*, septem stellæ Vrsæ maioris.
*Tu* arab. Taurus.
*Tzdek* Hebræis Iupiter, ob æquitatem.
*Tzzel* Arabibus Saturnus.

## V

*Vari*, Hizanis, Nilus, vel Eridanus.
*Vazzganubi*, arab. Lanx australis.
*Vazzscemali*, arab. Lanx borealis.
*Vespuih*, Sophocli Cor Scorpij.
*Vespe*, *Vesperugo*, Varroni Venus vespertina.
*Vigili*, Italicè le gauerdiole, ouero guardiane, duę stellæ minores in cauda Vrsæ minoris.
*Virgiæ*, el *Vergiliæ*, Pleiades.
*Vmbiculus Pegasi*, Caput Andromedæ.
*Vuega* vel *Vagieh*, arab. Lyræ lucida.
*Vulturcauns*, Lyra.
*Vulturvolans*, Aquila.

## Y

*Yed*, arab. Borealior stella in dextra Serpentarij.

## Z

*Zeus*, Græc. Ζεύς, Iupiter.
*Zubenelgenbi*, arab. Lanx australis, vel Vazneganubi.
*Zubeneschuali*, vel Vazneschemali, Lanx borealis.

*F I N I S.*

*ERRATA In Prolegomenis CORRIGE.*

| *Pag.* | *Col.* | *Lin.* | | |
|---|---|---|---|---|
| II | 1 | 29 | sphæricam | sphæram |
| II | 2 | 21 | sub firmamento | supra firmamentum |
| IV | 2 | 13 | percurret | percurreret |
| IV | 2 | 42 | Spicæ | Spica |
| IV | 2 | 45 | Attrogradi | Antrogradi |
| V | 2 | 47 | Comas | Comes |
| VI | 1 | 11 | qui & | qui ea |
| VII | 1 | 65 | mediæ distantiæ | medias distantias |
| VIII. | 1 | 43 | Videri | Viden |
| IX | 2 | 45 | retentosq; | retentaque |
| 39 | 1 | 6 | Labouera | Lalouera |
| 69 | 1 | 50 | Sideris | Siderei |
| 70 | 2 | 70 | melius | meliores |
| 78 | 1 | 76 | eius | eiusque |

*ERRATA In Tabulis CORRIGE.*

| *Pag.* | | |
|---|---|---|
| 9 | Alba Iulia Transiluani | Alba Iulia Transiluaniæ |
| 10 | Cliuia Cliues | Cliuia. *Cleues* |
| 10 | Dauentia. *Deuenter* | Dauentria. *Deuenter* |
| 10 | Fauentia. *Faënza* o 1 56 ad. 44 33 15 | 4 23 15 |
| 10 | Hildesemium Saxoniæ. *Hildesem* | Hildesemium Saxoniæ. *Hildesem* |
| 11 | Iuliacum Giuliech, & *Giuliers* | Iuliacum. *Giuliech*, & *Giuliers* |
| 11 | Lemouices. *Lemoges* | Lemouices. *Limoges* |
| 11 | Leouardia Frisiæ. *Leuuayden* | Leouardia Frisiæ. *Leuarden* |
| 11 | Lipsia Misniæ. *Lipsi*, & *Leipsig* | Lipsia Misniæ. *Lipsia*, & *Lipsig* |
| 11 | Maioriça Mallorca | Maiorica. *Mallorca* |
| 11 | Masisco. *Mascon* | Matisco. *Mascon* |
| 11 | Mussipons, seu Mosæpons. *Portamuson* | Mussipons, seu Mosæpons. *Pontamuson* |
| 12 | Oenipontum 47 10 o | Oenipontum 47 15 o |
| 12 | Promontorium Sairum. | Promontorium Sacrum. |
| 12 | Rhemiorum. *Rems* | Rhemi : orum. *Rems* |
| 12 | Sabalæ Galliæ. *Sable* | Sabulæ Galliæ. *Sable* |
| 13 | Santonas. *Santogne* | Santones. *Santogne* |
| 13 | Triuer. *Trier* | Treuiri. *Trier* |
| 13 | Tuder. *Todin* | Tuder. *Todi* |
| 13 | Valentiane. | Valentianæ. |

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