

Santa Cruz
R232

UVA. BHSC. 1yR. 232

pmi obiecti. Et ita nouit ipm esse finem potentie.
 C. Lora 2^{am} rōnem arguit sic. Si p vnu extremū
 cognoscit aliud. & z mediū. h necia ad sequendū
 finem sunt media inter nām z finem suū. psequēdū.
 igit cū ex cognitione nāe possit cognosci finis nāe
 p̄p̄ pbata. videt q̄ s̄t̄r possint cognosci media
 necia ad finem. C. Cōfirmat rō. ita enī in pposito en
 tui ad finem videt ee necia quero ad ipm finem sicut i
 alijs. sed pp talē mētionē in alijs ex fine cognoscit
 tur illa que sunt ad finem necia. sicut per rōne sanita
 tis pcludit talia z talia regri ad sanitatem. §. zc.

Ad primū l̄s pcedat de fine qui est cā fina
 lis. nō de fine artigedo per opa
 tionē quoz finium distinctio dicit ista. pōt tñ ad
 istud z ad sequēs de Aug. Et ad 3^m de potētia zp
 mo obiecto dicit vnica mītionē. q̄ oia accipiūt nras
 nām vel potētia itellectiua ēē a nobis cognoscibile
 nāliter. qd falsus est sub illa rōne p̄pria z spali sub
 qua ad talē finē ordinat. z sub qua capax est gre cō
 sumate z sub qua her deti pro p̄fectissimo obiecto.

Nō enī cognoscit aia a nobis nec nā nra pro statu
 isto nisi sub rōne aliq̄ gñali abstrahibili a sensibili
 bus. sicut patet ista di. 3. Et fm talē rōne gñales
 nō p̄uenit sibi ordinari ad talē finem. nec posse cape
 grām. nec herē sic deti pro obiecto. C. Lūc ad for
 mā cū dī q̄ ex ente ad finē pōt cognosci finis demo
 stratione ga. dīcēdū q̄ nō est uentū nisi cognitio illo
 ente ad finem sub illa p̄pria rōne sub qua hēt finem
 istū. Et tūc minor est falsa. Et cū pbat per p̄porzio
 nalitatē. dico q̄ h̄ mēs sit eadē sibi nō tñ pro statu
 isto est p̄portionalis sibi tanq̄ obiectū nisi fm rō
 neo gñales que pnt abstrahi ab imaginabilibus.
 C. Ad cōfirmationē dico. q̄ nec aliarū subarū finē

9. meta^{te} sue aiam sepatā cognoscē subam imālem
 in se. Et ideo sub obiecto p̄mo intellect^o hēt ponere
 subam imālem p̄tineri. Nō sic Aristo. sed fm ipsius
 videt esse p̄mum obiectū intellectus nri q̄ditas ret
 sensibilibs. z hoc uel in se sensibilibs uel in suo infir
 riori hoc est q̄ditas abstrahibilis a sensibilibus.

Arguit

nō poterit it
 ad eq̄m uel h
 po^o pōt ferri
 in alr p̄tinet
 sup̄tū nō ee i
 figura. motu
 p̄ se z tñ neu
 sic enī aliq̄ p̄
 C. Qd aut a
 Rūdeo z dū
 actu p̄mo sui
 impedit. pp
 a p̄mo. de hoc
 obijciat p̄tra

BIBLIOTECA
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 Tabla 3
 Número 2778

gnoscē nām suā. igit sine nāe ex deductione p̄me
 rōnis. igit ista cognitio nō est iupp̄nalis. C. Item cō
 tra mītionē ad ultimā rōnem. si ideo non cognoscit
 qd sit obiectū p̄mū intellectus. qz nō cognoscit uel
 lectus sub rōne p̄pria sub qua respicit tale obiectū.
 ergo nō pōt cognosci de quocūq̄ q̄ ipsum sit intel
 ligibile. qz nō cognoscit potētia sub illa rōne sub q̄
 respicit qd cūq̄ ut obiectū intelligibile. C. Rūdeo
 ad p̄mū regref dicit q̄lis fuerit cognitio hois ista
 p̄to statu isto est dicta cognitio sup̄p̄nalis. qz faculta
 tem eius nāe p̄cedēs. nām dico fm statu nāe la
 p̄. C. Ad 2^m q̄ non habet mō cognitio de
 aia uel de alic
 is potētia ita distincta q̄ ex ista
 di. 3. q. 9. z
 di. 21. q.
 z. di.

Vide in. 2.

Di. 3. q. 3. z
 3. di. 2. q. 8.
 z i. q. q. 14

Ca. 7. z. 5.

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UVA.

biecto
 de p̄i.
 1. q. 2. z
 di. 48
 z. 49.
 z i. tpe
 ratiō.

14. 2. 3.

rum ad tale finē. ¶ Et ex hoc. ¶ ad illud qd ad
 ducit. ¶ extra. ¶ batione minoris qd ista ppo nō est fal
 sa. Nō cognoscit a nobis finis pprī sube nisi per
 actū eius nobis manifestos. Nō enim accipit ppo
 illa qd nō possit aliter cognosci finis. hī enim est ue
 rus qd si suba sub pprīa rōne cognosceret ex nā sic
 cognita posset eius ca per se cognosci demonstratio
 ne qd nō sic cognoscit a nobis aliq suba nunc.
 ideo nullū finē possumus nūccludē pprīus sube
 nisi per actū euidētē de illa suba ut nota in ultī cō
 sulo. In pposito autē deficit utraq via. Sed proba
 rō minoris tetigit vnā viam de ignorantia actū sup
 ponēdo aliam de ignorantia nāe in se. ¶ Ad 2^m de
 Aug^o dico. qd illa potētia hūdi charitate ut ipsa est
 dīspō respectu dei in se sub pprīa rōne amādī que
 nit nāe hoīs sī rōne spale nō cōem sibi z sensibili
 bus. z ideo nō est illa potētialitas nāliter cognosci
 bilis de hoīe. sicut nec hō cognoscit sub illa rōne sibi
 qua est eius hec potētia. ¶ Et ita nūdeo ad illd in
 quātū pōt adduci ad pñem pncipalē. s. oppositam
 minori pñe rōnis. Sed in quātū adducit extra illā
 rōnē de fine nāi z supnāi. cōcedo detū eē sūre nā
 lem hoīs. s. nō nāliter ad pñe sed supnāliter. z
 hoc pbat rō seques de de hō rōnē nāi quā cōcedo.
 ¶ Ad aliud. negādū est illud qd assumit. s. qd nāi
 ter cognoscimus eius eē pñm obiectū intellectū nri.
 z hoc sīm totū in dīstīnctōe pñis obiectū sibi nāi
 stibilia. Et hoc qd dicit. Amic. nō cludat qd sit nāi
 ter motū. Misceuit enim sectās suas que sūt secta ma
 chometi phictis. Et quēdā dixit ut pbica z rōne p
 bica. alia ut cōsona sue secte. An ipse expisse ponit

tem eius nāte. nāem dico sīm statū nāe la
 1. c. ¶ Ad 2^m qd non habet mo cognitū de
 aia uel de alio is potētia ita dīstīnctā qd ex ipsa
 possit cognosci qd aliqd obiectū tale sibi cōrīndeat
 sed ex ipso actu que ex pñm zcludimus potētiam
 z nām cuius iste actus est illud respicē pro obiecto
 qd pncipimus attingi per actū. ita qd obiectū potēt
 tīe nō cludat ex cognitiōne potētīe sed ex cogniti
 one actus que expimur. Sed de obiecto supnāli
 neutrū cognitiōne possumus hēre. ideo ibi deficit
 utraq via cognoscēdi finem. pprīum illius nāe.

Ad argumētū qd supponit quoddā iā
 negatū. ¶ Ad pñm rōnē illius rōnīs dico. qd qñ
 finis sequit nāliter ea que sunt ad finē z nāliter p
 exigit illa. tūc ex fine pñt cōcludi ea que sunt ad fi
 nem. hic autem non est cōsecutio nālis. sed tm acce
 ptatio diuine uoluntatis compensantis ista merita
 tanq̄ digna tali fine.

Tertio arguit pncipalī extra opi. p hōz. 6.
 meta^{cc}. cognitio subarū sepatarū est
 nobilissima. qd est circa nobilissimū genus. ergo co
 gnitio eoz que sunt pprīa eis est maxime nobilis
 z necessaria. nam illa pprīa eis sunt nobiliora z p
 fectiora cognoscibilia qd illa in qbus uenit cum
 sensibilibus. Sed illa pprīa nō possumus cogno
 scere ex puris nālibus. p hōz. qd sūm aliq scia nāliter
 possibili traderent hec pprīa. hoc eēt in metaphy.
 fīca. sed ipsa nō est possibilis nāliter a nobis habe
 ri de pprīs passionibus istarū subarū sepatarū.
 ut patet ouph. z pmo sic. qd illa nō includant vī
 tuāliter in pmo sūiecto metaphy. s. in ente. Hoc
 etiā est qd dicit pñus pmo meta^{cc}. qd opz sapiētē

I. c. 3.

non dicit ppa qd comūna possimz
 nō esse rōne nāi ut qd dicit sū mōm
 qd est qd

In phc:

A. me
 c. 3.

hinc inlequrata aut inlequrata...
 quofcunt cognitis terminis. p. p. Si mediata,
 ergo et pofsumus cognofce extrema pofsumus co-
 cipe mediu inter ea. 2. tuc ptingedo illud mediu cu
 utroq; extremo aut habent p miffe mediat aut im-
 mediate. Si mediate ide qd pns. Si mediate pce-
 demus pcpiedo mediu inter extrema 2 ptingedo
 cum extremis quoufq; ueniamus ad imediata. igit
 tut tadem ueniamus ad neccia imediata que inle-
 ligemus ex terminis ex qbus fequunt oia neccia
 nra mediate. ergo ifta mediate per imediata fctre
 poterim? naiter. Probano minoris pncipalis: qz
 hns fide 2 no hns fide pdicatus fcti mutic no con-
 redit de nobis fcti: fed de pceptibus. ficut cu pbs
 2 ille hct. ¶ Ad illud rñdeo. de fubjbs fepatis funt
 aliquae vitates imediate. accipio tuc aliqua vitatem
 tale pma 2 imediata 2 fit. a. in ifta includunt mul-
 te vitates mediate: puta oca que pfculariter enun-
 ciat coia ad pdicatu de cobus ad fublectu dicatur.
 b. c. ifta uera mediana no hnt euidentiam nifi ex illa
 imediata. ergo no funt nata fcti nifi ex ifta impedia-
 ta inlelecta. Si igit aliqs iuflectus pofit inleli-
 gere terminos. b. c. 2 coponere. ¶ Admunicam: no
 aut poflet inlelige terminos. a. nec per pns ipfium
 a. b. erit iellectui fuo ppo neutra. Ita eff de nobis
 qz pceptus quofda coes hemus de fubjbs. imab? 2
 maibus: 2 iftos pofsumus adinuice coponere.
 Sed ifte coplectiones no hnt euidentiam nifi ex ue

... hinc inlequrata aut inlequrata...
 pntulariter hoc par in expleo illo: qz non opz p-
 potes pcpie figura in oia poflit pcpie triangulum in
 pntulari qz triangulus eff mediu pntum fub figu-
 ra. mediu inq; ad pcludendum pntare pntulariter
 de figura. ¶ Dec ro tertia pofsumus pcludi de p-
 maibus unimali: qz eius tanq; obiecti bnfici poflit
 munim eff cognitio neccia. ¶ Et tñ rñio ifta ad ob-
 tectionem ptra ipfam fupponit qz nuc naiter non
 pcpimus deū nifi in pceptu gnali coi fcti 2 fenfibi-
 libus: qd inferius di. 3. q. 1. exponet. It etia neget il-
 lud fuppositu ad huc opz dicere pceptu qui pot fe-
 ri de deo virtute creature et impfcti: qui aut fe-
 ret virtute ipfius eentis effe pfectum. ficut ergo vi-
 ctum eff de coceptu generali 2 pfecto conceptu.
 fm aliam viam de impfctio 2 pfecto conceptu.
¶ Nota b aut poflet fic argui. pono qz fit ali-
 que doctre: bcat tñ bonos mor? qles pot hber:
 pformes. f. omni recte nait: 2 caueat ea que nait ro?
 offedit fcti et mala: is de? de coi lege tale vifitar?
 doctro p hoies. fic ¶ Conclit vifitaur. pono tñ qz
 no doceat ab aliq; ille faluabit. Si tñ is poftea do-
 ceat tñ pns eff iuff? 2 ita tuc dign? vita eterna: qz
 per bona uelle pcedetia doctrina meret gras qua?
 eff iuffus: no tñ bet theologia etia quatu ad pma
 credibilia: fed tñ cognitione nait. ergo nihil theo-
 logie eff fimpfr neccaria ad falute. ¶ Poflet tñ
 ad qz ifte per bona uelle et gñe de agna meret iu-
 fificari ab originali. 2 deus no fubtrahat liberali-
 tatis fte munus ab eo: fed dat fcti pma gras fine }

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~~Phoeniceo Sinico~~
~~1600~~

Sibexia de H. P. S. Fran.^{co} de Vall.

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Numl - ~~15~~ 15

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Reuerendissimo in Christo patri & dno Joanni archiepiscopo Sirigoniensi legato &c. Joannes Germanus de regionote se humiliter commendat.



Agnam esse admodum & fuisse semper in edendis libris difficultatem mihi videri solet: dñi reuoluo maioruz nostrorum exemplaria: ac presertim eoz exordia conspicio: vbi pleriq; tenuitate ingenioz suorum insimulant non suffectura videlicet cepto operi. Alij vero arduitate tentati negotij pene deterreri vident nonnulli erratis suis venia datum iri volūt dubia scribendi fortuna haud iniuria suspicantes. Adhuc autem reuerendissime dñe: aliud preterea accedit quod factu proxfus impossibile reoz: assidue scilicet iussioni tue morem gerere ac de mū iudicio tuo non minus acuto q̄ recto dignū, aliquid reddere. Tūe profecto monitiōi ne phas est contrarienire: qui enim licentius in me habeat imperium preter te mortalis nemo est. Ubi autem lucubrations meas corā te tam rigido: q̄ perspicacissimo cōfōze de/promptero: labescet libico annus. Quis. n. eruditissimus licet aliquid nouaz litterarum impune tibi afferet quippe qui omni doctrina ac virtute mirū in modū peditus es diuinarum humanarūq; rerum plenā tenes cognitionem: omnibus cuiuscunq; literature cum te prebeas auditor: oēs tamen excellentissima eruditione tua antecellis a deo: vt discipulos sese fateantur quicumq; in habitu preceptorū ad te accesserint. Quāuis es q̄ profundus in sacris exiſtas litteris: nemine ignorare arbitror. Quid referā de iure pontificio: cuius noticia q̄dem ornamento tibi est. Usus autem dignitati tue pernecessarius quippe qui supra omnes prelatos regni hungarie primatū tenes: vniuersa demū philoſophia tibi familiaris est: disciplina autē quadruiuales decus & gloriā pepererunt. Quod si ad negocia humana transeundi detur licentia: quis non admirabit immensam tuam prudentiam: ex qua totius regni hungarie gubernatio pendet. Ita tamen foris publica curas vt domi quoq; magnificentia tua ineffabilis demonstretur in arce in qua strigontensi ad cuius restitutionē assidua: et si nullis parcas impensis: longe tamē ampliori sumptu solertioz; studio bibliothecas preciosissimas ac omni genere codicū refertissimas instituisi. Quanta preterea & q̄ perhennē curā habeas condendi study generalis cōclamatum esse tam pridē arbitror: cum ex vniuersis litteratorum consortijs oium professio num doctissimos quosq; viros accersere soleas: officio fretus regij cancellarij supremi: cui cepto felicissimo: me quoq; Quieniēnsis collegij alumnū quantumcūq; adesse voluisti: docturum videlicet quadruiuales facultates. Venienti igitur voluntatiq; tue morez gesturo mihi in primis id mandati dedisti vt tabulas quasdam directionū componerem que & vsu faciles & iudicibus vtilēs essent. Recte quidem animaduertisti difficultatem huiusce rei: quam profecto omnes astrologi tanq; horrendum scopolum declinat. nemo omnium est qui sese tantis rhetibus satis expe dire possit. tam est multifaria huius negocij precepta passim reperiantur. Mali nempe in quarto libro suo artem directionuz asserit esse complementum iudicij natalis. quā obrem opere precium decreuit compilare tabulas soluendi nodos que cum nostra tempestate nusq; reperientur. Darmensis q̄dam archidiaconus auctorem secutus: tales contexit ad medium sexti climatis: imbecilles tamen ac a mente Ditholomei eiusq; comentatoris: ymo & ab opinione propria (quod ferdisimū ē) longe alienas. Nam & ipse modum dirigendi per speram solidam officio semicirculi meridiano & orizonti coeuntis sumopere laudat & ptolomenm idem (quod verum est) sensisse arbitratur. postremo tamē in tabulis suis ponit fiduciam: ignorās utiq;

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quantum his duobus modis interesse possit discrimine: quod reuera. s. gradus (absur- dum dictu) nonnunquam excedit. Erit forsitan qui ptolomeum clarissimum eiusdem quoque vicij in simularit quippe qui in tertio quadripartiti sui agēs de spacio vite: paulo anteqz ad duos dirigendi modos descendit: totius artis iacit fundamentum. necessarium quidem ratus in directione sequentis loci positionē similem fieri positioni antecedentis. id autem nequaquam accidere: nisi locus sequens traducatur ad semicirculum in quo statuebatur locus antecedens quod et hali expositoz eius confirmat. Verū duo modi eius cū exemplis a computatione directoria qua memoratus parmēsis ac pene omnes alij vtiſ non discrepat. Quid igitur de tam pzudenti qz eruditissimo viro sentiemus. Nunquid tantum philosophū repugnantes asseruisse sententias impune suspicabimur. Credo eodem ptolomeuz et serio tradidisse fundamentū artis per semicirculos huiusmodi et modum numerandi apprime calluisse: quāvis difficilem adeo vt perplexum potius redderet auditorē qz doctum. Satis ergo putans prope vez versari qz veritatem ipsam radicitus querendo desperare suppositiones quasdam breues veritati propinquas exposuit. Quod haud quaquam mirum videri debet cum et nostra etate ragusimis ille iohannes gasulus tamen ptolomei eruditissimi Sebuzqz accuratissimi ac alioz plurimozum doctrinas acceperit: nullam tamen prozsus numerandi facilitatem in directionibus ac equandis domibus aduexit. quiny mo turbā maximam multitudinē argumentationum conceitavit. Quantum itaqz difficultatis in hoc existit negotio: satis liquet. Quid autem comodi nauicsemur si generalis quedam artis directorie promptitudo nobis illata fuerit: ex libris iudicū abunde colligetur vbi tēpora futurorum accidentium omnium per directiones potissimum inuestigari solent. Tantam igitur vtilitatē presul dignissime directionum tabule afferent quas petebas in quacunqz regione latitudinem. 60. graduum non excedente: siue significatoz dirigendus in: itinere solari existat: siue ab eo versus alteram poloz secedat: in quibus maximam solis ab equatore suppositi declinationem triū et viginti gradū cum dimidio obseruationibus modernis maiorē non admittentibz. In omni denum regione duodecim celi domicilia constituere ac in eis stellas distribuere aliaqz plurima scitu iocundissima per hāce tabulas ad discere licebit. Eas itaqz primitias operum meozum suscipere digneris quas vbi pro acumine ingenij tui probaueris in publicum prodire iubeto. Tale presulum decus.

Primum Problemum.



Proclinationē planete locuz habētis cognitū breuiter inuenire: quere signū
 z gradum loci planete in latere dextro tabule declinationū si fuerit in me-
 dierate zodiaci ascendente vel in sinistro si in medietate descendente exite-
 rit. latitudinē autem si quam habet in latere superiori transfuerso z in angu-
 lo cōmuni offendes declinationē planete quēsitā septentrionalem quidem
 si supra scalam rubram: meridianam autē si infra eam reperta fuerit. Quod
 si longitudo planete vel latitudo eius aut vtraq; non fuerit expressa in lateribus tabu-
 le: agendū est duplici introitu vt assolet hoc pacto. Intra bis primo cum lōgitudine z la-
 titudine proximō minoribus z angulum cōmunem extra notabis: eum deniq; angulum
 cōmunem conferas ad numerū immediate sequentem inferiorē videlicet si longitudo
 planete in latere sinistro tabule accepta fuerit: aut superiorē si in latere dextro z de dif-
 ferentia horum numerorū accipies partem proportionale s̄m proportionem minororū
 iuxta gradus integros longitudinis existentis ad .60. minuta: addendam quidē angu-
 lo cōi si numerus sequēs ipsi angulo cōi maior fuerit: minuendam autē si minor: quā par-
 tē proportionale seruabis seorsuz cū nota additiōis vel minutiōis vti res ipsa postulat. De
 de p̄formiter cōferes angulū cōm memoratū ad numerū ei collaterale versus sinistra
 quidem si latitudo septentrionalis fuerit: versus dextram autē si meridianā: z de differē-
 tia anguli cōmūnis numeri collateralis accipies partem proportionalem s̄cōm propor-
 tione: z minororū latitudinis ad .60. addendam itē vt prius si numerus collateralis angulo
 cōmuni maior fuerit: minuendam vero si minor: has itaq; duas partes proportionales cō-
 iunges: si vel ambe fuerint addende vel ambe minuende: congeriemq; earū angulo cō-
 muni adices si addende fuerint: aut ab eo demes si minuende exiterint: collectus enim
 numerus aut relictus declinationē quēsitā manifestabit. Si vero altera quidēz memo-
 ratarum partū proportionalium addenda fuerint: altera autem minuēda: fuerintq; ip-
 se equales: angulus cōmūnis intactus pro declinatione planete habebitur. Si autē in-
 quales exiterint: differentia earum addet angulo cōmuni si maior pars proportionalis
 addenda erat: aut minuetur ex eo si maior minuēda fuerat z quod colligetur hoc pacto
 vel relinquetur declinationem planete computabit: septentrionalem quidem vt prius. si
 supra scalam rubram steterit angulus cōmūnis meridianam autem si infra. Contingit
 autem nōnūq; scalam rubram intercipere angulum cōmunem z numeruz immediate
 sequentem tunc itaq; angulus cōmūnis iungendus est numero immediate sequenti: z cuz
 aggregato agendum est pro parte proportionali elicienda vt iam pridem cum differētia
 anguli cōmūnis numeriq; sequentis. Verū si postremo non posset fieri subtractio ab an-
 gulo cōmuni fiat econtra subtrahendo videlicet angulum cōmunem ab ipsa parte pro-
 portionali z relinquetur declinatio quēsitā: alterius tamen denominationis q̄s erat an-
 gulus cōmūnis. Et si planeta nullam habuerit latitudinē intrabimus prefatā tabulam.
 Cuz vero loco planete z ex directo eius in columnula media supra quā nullus scribitur
 numerus latitudinis habebimus declinationem quēsitā. Similiter agemus planeta
 latitudinem habente in minutis dumtaxat: hoc vno tamen adiecto q̄ declinatio in an-
 gulo cōmuni occurrens conferatur ad numerū ei collateralem: sinistrum quidem si lati-
 tudo septentrionalis fuerit. dextrum autē si meridianā z de differentia numerorū accipia-
 tur pars proportionalis quēdamodū superius monitum est. Quāuis autem de plane-
 tis solum hucusq; sermo sit habitus: potest tamen hec tabula stellis etiam fixis accōmo-
 dari illis videlicet que latitudinem. s. gradū ab itinere solari haud quāq; egrediunt.

fol. 19

zcd.

Nota in p̄
 d. p̄sentia.

Y A iij

CIn exemplo facilius forsitan accipies: habeat planeta quispiam gradus. 12. minuta. 16. virginis euz latitudine septentrionali graduū. 3. ⁊ minorum. 24. Investigaturus igitur declinationem eius ab equatore video gradus. 12. virginis in latere sinistro tabule. 3. aut gradus latitudinis septentrionalis in fronte eius de tabule: sub quibus descendo vsq; aduersus 12. gradus virginis: ubi offendo numerū anguli cōis ⁊ gradū. 9. minorum. 51. cui⁹ q; dez anguli cōis ⁊ numeri imediate subsequētis oria est. 23. minuta de qb⁹ accipio partē pportionalē scdm pportionē minorum. 15. longitudinis ad. 60. quarū scz partē que est fere. 6. minuta. Nec autem pars proportionalis minuenda est q; numerus subsequens angulū cōmunem minor eo fuerit. Similiter confero angulum cōem ad numerū ⁊ et collateralem versus sinistram quā latitudo planete septentrionalis subiecta est: ⁊ de differētia que est. 35. minuta accipio partem proportionalē scdm pportionem. 24. minorum ⁊ latitudinis ad. 60. illa pars proportionalis est. 22. minuta addenda videlicet q; numerus collateralis angulo cōmuni maior occurrit. Dempta itaq; parte proportionali longitudinis ex parte proportionali latitudinis manēt minuta. 16. que adiungo angulo cōmuni ⁊ tandē inuenio declinatōē planete septentrionalē. 10. gradū ⁊ 7. minorum. Reliquas autē varietates operationū cum ⁊ faciles sint ⁊ ex iam nunc memoratis edici possunt ingenio tuo relinquendas censuimus ne dicacitati potius q̄; vtilitati studuisse videamur.

CSecundum Problema.

Qui sibi stelle vel planete fixe declinatōem generaliter cōputare ex precedenti didicimus quo pacto cuiusvis stelle latitudinē. 8. gradū nō egredientis declinatō iuestigatur. Cum autem plurime stelle fixe multo latius euagetur quarum influxus tum propter corporū magnitudinem tum propter earū ad alias siue fixas siue erraticas colligantia vel cōmixtionem summopere animaduertendus est si quidem stelle fixe (prolemei testimonio) dant grandia q̄;uis sepe numero infauste finiant. decreuimus generalem declinatōem computationem tradere quo cautius atq; abundius genituras iudicaturi accidentia futura preuidere possunt. Intra bis igitur tabulā declinatōis generalem cū longitudine stelle accipiēdo videlicet gradus longitudinis in latere tabule sinistro si nomen signi in fronte tabule reperitur fuerit: in latere autem dextro si in calce tabule nomen signi offenderit ⁊ numerū ex directo eius gradus occurrentē: (qui inscribitur arcus) seorsum notabis cū denominatione sua septentrionali videlicet si signū longitudinis stelle fuerit septentrionale: meridiana aut si meridianum. Est autē arcus huiusmodi portio circuli latitudinis per stellam incidentis inter equatōrē ⁊ iter solare comprehensus: notabis et numerum multiplicandū gradū stelle obiectum: deinde latitudinē stelle iunges arcui seruato si eandem euz ipso arcu denominationem habuerit: eritq; aggregatū eiusdem denominationis cū ambobus: aut alterū ex altero deme latitudinem scz ex arcu memorato aut arcum ipsuz ex latitudine si diuersarum fuerint denominationes: residuuz autem eam sortietur denominationem quā habebat id a quo facta ē subtractio. Tale itaq; aggregatū vel residuū si qd fuerit erit arcus circuli latitudinis stelle inter equatōrē ⁊ verum locū stelle contentus. Nam si nullū esset huiusmodi residuū: quod accidit dū latitudo stelle ⁊ arcus circuli latitudinis inter equatōrē ⁊ eclipticam equalis quidem sed diuersarum existunt denominationū nullā partem ab equatōre declinatōem stella ipsa pateretur: per finem igitur rectū arcus tā nunc memoratis multiplicabis numerum multiplicandū superius seruatū ⁊ productū quicq; primas figuras versus dextram reicies vnitare relicti adiuncta: si recte figure plus. 30000. denotauerint. Hoc enim pacto sinum rectum declinatōis stelle cognosces: cui⁹

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arcum tabula sinus exemplo fuisse tabis: qui quidem arcus erit declinatio stelle questra
eandemq; sortietur denominationem quam habebat supra dictum aggregatum vel resi
duum. Qd autem paulo remissius preceptisse videamur si quando iuxta gradus loci stel
le minuta quepiam iacuerint prohibentia introitu tabule ad integros gradus facte: hoc
vnum generaliter iubemus agendum esse duplici introitu vbi opus fuerit quemadmo
dum in precedenti monuimus ac in alijs tabularum operibus fieri solet: q; qui non pri
us didicerit q; hasce aggreditur tabulas ineptus doctrine nostre censetur auditor. Cui
proposito nostro breue accomodabitur exemplum. Stella queuis in fine sit. 12. graduz
virginis habens latitudinem borealem trium graduu. Computaturo igitur mihi decli
nationem eius occurrit nomen signi in calce tabule: quamobrem accipio duodecim gra
dus in latere dextro tabule in quozum versu supra nomē signi offendo arcum septētrio
nalem septem graduum 7. 39. minorum numerumq; multiplicandū. 92528. arcui iam
dicto addo. 3. gradus latitudinis stelle resultat arcus. 10. graduu 7. 39. minorum cuius
sinum rectum scilicet. 11089. duco in. 92528. producantur. 1026042992. a quibus reijcio
primas quinque figuras versus dextram 7 relinquuntur. 10260. sinus scilicet rectus decli
nationis queste cuius arcum tabula sinus supponens semidiametrum circuli. 60000.
particularum reddit. 9. graduum 7. 51. minorum.

Certium Problema.



niuscuq; planete ascensionem rectam faciliter numerare. Intra tabulam celi
mediationis cum vero loco planete ac latitudine eius si quam habet 7 in an
gulo cōmuni videbis ascensionem rectam ab initio arietis computanduz. Si
amen longitudinem planete vel latitudinem eius aut vtranq; non inuenieris
precue in lateribus tabule ingredere cum numeris proximo maioribus 7 numerum an
guli cōmuni seorsum nota. Deinde subtrahere dictum numerum anguli cōmuni a nu
mero immediate ei subiecto accomodatis. 360. gradibus si opus fuerit 7 de differentia
eorum accipe partem proportionalem scdm proportionem minoru que sunt iuxta gra
dus longitudinis ad. 60. minuta: huiusmodi autem pars proportionalis semper est ad
denda in hoc negotio. scribe ergo eam seorsum cum nota additionis. similiter compara
angulum cōmunem ad numeruz dextro lateri eius vel sinistro vti processus latitudinis
exigit adiacentem 7 minore eozū dempto ex maiore: de differentia accipio partem pro
tionalem scdm proportionem minorum 7 iuxta gradus latitudinis existentium ad. 60.
minuta que pars proportionalis: addenda quidem erit quando numerus collateralis
angulo cōmuni maior existit: minuenda vero quando minor. Si itaq; ambe partes pro
portionales addende fuerint collige eas 7 congeriem angulo cōmuni adicias. Si autē
ambe minuende aggregatū earum ex angulo cōmuni minuas. Qd si altera quidez earū
addenda fuerit: altera autem minuenda differentiam earū adde angulo cōmuni si ma
ior pars proportionalis fuerit addenda: aut minue si maior minuenda fuit. Quod enim
hac lege vel colligetur vel residuabitur ascensionem planete rectam numerabit. In hu
iusmodi autē operatione nonnunq; colliguntur plures q; 360. gradus. hinc itaq; 360.
abiciendi sunt 7 residuuz pro ascensione recta tenendum. Sic ille autem latitudine peni
tus carens ascensionem rectam inuenies vel in columnula media cui figura. o. supra scri
bitur vel per tabulam ascensionum rectarum quemadmodum cōiter fieri solet. p: cetera
contemplandū est q; in principio tabule sub latitudine septētrioali 7 in fine eiusdē sub lati
tudine meridiana contingit aliquādo. numerū anguli cōis esse maiore. 356. gradibus 7

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numerum collateralem dextrum in qua vel finistrum minorem. 4. gradibus aut eodra-
 tunc itaq; minori earum adiungendus est totus circulus. 360. graduum: et aggregato ut
 dum est ac si fuisset repertus in tabula p pte proportionali ac ceteris opib' absoluendis.
 Quicquid autem hac tenus de planetis precepimus de stellis quoq; fixis accipiendum
 est latitudinem. 8. graduum nequaquam exilientibus. **C**um exemplo reperatur stella qua
 vñ sumus in primo problemate ex directo. 12. graduum sub latitudine trium graduum se-
 ptentrionali inuenio gradus. 164. minuta. 34. cuius numeri et proximo subsequētis dif-
 ferentia est. 56. minuta de qua differētia accipio partem proportionalem scdm proportio-
 nem. 15. minutorum ad. 60. minuta: est autem pars illa proportionalis. 14. minutorum ad de-
 da item dictus numerus anguli cōmunitis demptus ex numero collaterali sinistro reliq;. 24.
 minuta quoz pars proportionalis scdm proportionē. 24. minutorum ad. 60. est fere. 10.
 minuta addenda congregatis itaq; huiusmodi partibus pportionalibus et cōgerie eaz
 adiecta ipsi angulo cōi resultabunt. 164. gradus et. 58. minuta: tantā igitur pronuntiabo
 ascensionem rectam stelle propōite.

Quartum Problemata.



Ascensionem rectam cuiusvis stelle generaliter inuestigare. Intra tabulam ce-
 li. mediationū generalem cū vero loco longitudinis stelle et arcum equatoris
 ex directo eius repertum seorsum scribe cū numero multiplicando arcum in-
 quaz qui inscribitur radici ascensionū. Est autē arcus huiusmodi positio equa-
 toris inter principium arietis et circuli latitudinis stelle cōprehensa. Deinde declinatio
 stelle ingrederetabellā secundaz et numerum ibidem repertū duc in numerū multipli-
 candum iam pridem seruatum a productoque primas quinq; figuras versus dextram abi-
 ce nam residuus numerus solus: aut cum vnitāte si abiecte figure plus. 50000. significa-
 uerit: erit sinus rectus cuiusdam arcus equatoris intercepti a circulo latitudinis et cir-
 culo declinationis per verū locū stelle transeuntibus: quere itaq; arcū eius per tabulam
 sinus: eum arcū qui a plerisque vocatur differentia transitus stelle per celi mediū: que ad
 de radici ascensionū: si verus locus stelle fuerit in medietate eclyptice descendenti que
 videlicet a capite cancri incipit et ad incium capricorni per libram incedendo desinit et
 stella ipsa habuerit declinationem septentrionalē: aut si stella fuerit in medietate ascen-
 denti cū declinatione meridiana. Si fuerit in medietate descendenti cū declinatione me-
 ridiana aut in medietate ascendenti cū septentrionali declinatione minue predictū arcus
 a radice ascensionū: quod enim hoc pacto eueniet vel addendo vel minuendo prout res
 ipsa postulat: erit numerus ascensionis recte computandus in equatore ab initio arietis.
Quod si non potuerit fieri subtractio differentie transitus per celi mediū ab ipsa radice ascen-
 sionum adiungendus est integer circulus. 360. graduum memorate radici ut ab aggrega-
 to possit fieri subtractio. Si preterea stella nullaz habuerit declinationē: radicem ascen-
 sionū pro ascensione recta stelle tenebis. Hoc demum non est silentio pretereundū qd cū
 quilibet sinus rectus minor sinu quadrantis duos habeat arcus vnum scilicet minorem
 quadrante: alter aut minor: eorū tunc quidē accipiendus est arcus minor quadrante quā-
 do arcus circuli latitudinis per stellam transeuntis qui inter equatorem et verū locum
 stelle cōprehendit minor quadrante circuli existit: tunc aut maior dū ille quadrante supe-
 rabit. **C**eterbi gratia repeto stellā cui in secundo problemate tribui. 12. gradus virgi-
 nis cum tribus gradibus septentrionalis latitudinis. Intra itaq; mibi tabulam ce-
 li mediationū generalem cū. 12. gradibus virginis obicitur radix ascensionum habens.
 160. gradus et. 29. minuta numerusq; multiplicandus. 24590. huic stelle in secūdo pro-

bleumate cōputata est declinatio septentrionalis. 9. gradū z. 51. minutozū quibus mediantib⁹ per tabellam secundā duplici introitu inuenio multiplicatozē. 17363. euz duco in. 24590. procreant. 426956170. a quibus reicio primas. 5. figuras vice eaz tamen addēdo vnitatem relicto numero quin quidē excedunt. 50000. sic habeo. 4270. sinuz rectum diē transitus per celi mediū cuius arcus est. 4. gradus z. 5. minuta quem adiugo radici ascensionū z resultat ascensio recta quesita. 164. gradū z. 34. minutozū.

Quintum Problema.

Et ascensione recta cognita arcum eccliptice sibi coascendentē indagare. Que re numerum ascensionis recte in corpore tabule ascensionum reclarū z ex directo eius in fronte quidem signi zodiaci in latere autem dextro vel sinistro numerū gradūū eiusdem signi habebis. Si autē ascensione z rectam propositam non inuenieris precise in arca tabule memorate accipe duas ascensiones rectas in tabula expressas quaz altera quidem proximo minor extat ascensione proposita altera autē immediate maior z minor earū ex maiore dempta numerū reliquū appellabis primū: qui quidem est portio vni gradui eccliptice debita: deinde predictam ascensionem minorem subtrahē ab ascensione recta proposita z residuū pro numero secundo teneto: terci⁹ autē numerus semper erit. 60. minuta. duc itaq; secundū in tertiu z productū diuide per primū: quod nāq; huiusmodi diuisione partum fuerit de minutis adiciendum erit numero gradūū eccliptice ex directo ascensionis recte minoris inuento z colligetur numerus gradūū ac minutozū quos habet arcus eccliptice quesitus. **S**it verbi gratia ascensio recta data. 97. gradus. z. 54. minuta quaz non inuenio precise in arca tabule ascensionū reclarum. Sed proximo ea minor est. 97. gradus z. 38. minuta primo autem maior. 98. gradus z. 43. minuta harum ascensionū differentia est vnus gradus et 5. minuta id est. 65. minuta per resolutionē ecce primus numerus minor deniq; dictaz ascensionū subtracta ex ascensione recta proposita relinquit. 16. minuta secundū scilicet numerū: terci⁹ autē numerus erit. 60. minuta duco igitur sim in tertio pducitur. 960. scda que diuisa per primū numerum scz. 65. minuta eliciuntur. 15. fere minuta addenda. 7. gradibus cancri.

Sextum Problema.

Ductum eccliptice cum quo stella quevis celum mediat perscrutari. Huiusmodi punctum eccliptice non potest facilius ac breuius inueniri quam p ascensionem rectam ipsius stelle: quo certe premittendum erat qua non lege talem ascensionem rectam cōputare liceret. Sed ipsa ascensio recta sepe numero vtilis est z permaxime in directione significatoris cuiuscunq; tam etsi punctū cū quo significato: talis celum mediat ignozetur. Unde seorsum docere libuit cōputationem ascensionum reclarum: ne quis directurus significatozem quempiam arbitretur opus esse inuentione puncti cum quo significato: huiusmodi celum mediat. Ad rem igitur reddeutes postea qz ex altero duozum antecedentium documentozū tertio scilicet vel quarto didicimus ascensionem rectam stelle propositę queremus eam in tabula ascensionū reclarum ab ariete incipientium z ex directo eius in capite quidē tabule signum: in latere autem gradum eiusdem signi euz quo stella talis mediat celū duplici et introitu si opus fuerit offendemus. Talis enim ascensio recta cōmunis est stelle propositę z gradui vel puncto eccliptice cum quo ipsa mediat celum: huius autē problematis exemplū si desideras ad precedens refugendum est problema.

Septimum Problema.



Reui ecliptice quantocunq; in omnifregione cuius latitudo.60.gradus non
 excedit afeñionem obliquam per cõputum certum deputare. Cognita latitu-
 dine regionis ad quã operari instituit aut eleuationem poli supra orizontẽ quã-
 cunq; voles. Intra tabulam afeñionũ obliquarũ ei subiectam cum signo z
 gradu finali arcus propositi z in angulo cõmuni habebis afeñionem obliquam respon-
 dentem arcui ecliptice proposito computandam quidem a seccõie vernali: si arcus ecly-
 ptice datus ab eadem seccõie sumpsit unicum. Si vero aliunde arcus quempiam ec-
 lyptice inchoaueris querere primo afeñionem obliquã principio eius debitã seccõiduz
 modum iam nunc tradidit: deinceps pariformiter afeñionẽ obliquã fini eius attinentẽ
 ad discas. Subtracta enim afeñionẽ obliquã principij ab afeñionẽ obliquã fini eius
 accomodato integro circulo si opus fuerit relinquetur afeñio obliqua arcus propositi.
 Insemento tamen agendum esse duplici introuit vt asseiet: si que vltra gradus integros
 minuta fuerint in arcu ecliptice proposito. Si deniq; eleuato poli minuta quedam ha-
 buerit operare primo per eleuationem poli proximo minorem scõm moduz iam exposi-
 tum. Deinde p latitudinẽ proximã maiore z inuenta duplici afeñionẽ obliquã ad eundẽ
 arcum ecliptice minorem deme ex maiore: relicta nanq; differentia respõdebit vni gra-
 duẽ eleuationi poli: de qua accipe partem proportionale scõm proportionem minoruz
 vltra gradus integros eleuationis poli existentũ ad.60. hanc itaq; partem proportiona-
 lem adde afeñioni oblique prime si ipsa minor extiterit afeñionẽ obliquã secunda aut
 ab ea minue si ipsa prima superauerit secundã. Nã quod alter horum modoz eueniet
 afeñionem obliquã numerabit quam querebas. Cũ exemplo facilius accipies ha-
 beat arcus quidam ecliptice. 12. gradus z. 15. minuta virginis volo inuenire afeñio-
 nem eius obliquã in regione cui polus eleuatur. 47. gradibus z. 45. minutis. Intro-
 cum. 12. gradibus virginis tabulam. 47. graduum z inuenio. 155. gradus z. 46. minuta
 quos demo ex. 157. gradib; z. 7. minutis que respondent. 13 gradibus virginis in eadez
 tabula. 47. graduum: de differentia autẽ relicta que est vnus gradus z. 21. minuta accipio
 partem proportionalem scõm proportionem. 15. minoruz ad. 60. hec pars proportiona-
 lis est. 20. minuta fere addenda prime afeñioni oblique: item eandẽ afeñionẽ primã
 cõfero ad. 155. gradus z. 29. minuta quos repero iuxta. 12. gradus virgine in tabula. 48.
 graduum z de differentia que est. 17. accipio partem proportionalem scõm proportionem
 45. minoruz eleuationis poli ad. 60. minuta: pars illa proportionalis est. 13. minuta fe-
 re subrahenda ab afeñionẽ obliquã primã: habeo itaq; duas partes proportionales qua-
 rum altera quidem est addenda prime afeñioni oblique: altera autem minuenda ex ea
 quamobrem demo minore earũ ex maiore z relinquuntur. 7. minuta que adiecta sepe me-
 morate afeñioni prime constant afeñionẽ obliquã que sitã. 155. graduũ z. 53. minoruz.

COctauum Problema.



Descensionem obliquã cuiuscunq; arcus ecliptice dimetiri. Si arcus ecly-
 ptice propositus ab ariete sumpsit initium adde ei semicirculum z aggregati
 arcus ecliptice afeñionem obliquã ex precedenti ad discas dempto enim se-
 micirculo ex iam memorata afeñionẽ obliquã relinquetur descensio obliqua
 arcus propositi a seccõie vernali cõputanda. Sed arcu ecliptice proposito aliunde sur-
 mente initium querere ex precedenti afeñionẽ obliquã arcus eis diametraliter oppositi.
 Nam tanta quoq; erit descensio obliqua arcus propositi. Arcus autem diametraliter op-
 positos appello eos quoz principia inuicem z fines diametraliter opponuntur. Descen-
 sio vero recta arcus quaticunq; in orizonte videlicet rectio equalis est: immo eadem ascẽ

non recte eiusdem arcus quamobrem non erat opus seorsum tradere quo pacto talis
 ascensio recta computaretur. **E**xempli gratia volo numerare descensionem obliquam
 ad finem. 12. gradus virginis in regione habente latitudinem. 48. graduum. Adde arcum
 eclyptice proposito semicirculum τ perduco: ad. 12. gradus piscium: quorum ascensio obli-
 qua est. 35. gradus τ . 21. minuta ex qua ascensione demo semicirculum scilicet. 180. gra-
 dus τ relictos. 171. gradus cum. 21. minutis pronuntiabo descensionem obliquam arcus
 propositi. Sed si libeat inuenire descensionem totius signi virginis accipio arcum ei diame-
 traliter oppositum scilicet totum signum piscium cuius principium quidem habet ascensionem obliquam
 34.5. graduum τ . 10. minorum: finis autem est. 360. demptis igitur illis ex istis relinquuntur
 mihi. 14. gradus τ . 50. minuta τ tanta erit ascensio obliqua signi virginis.

Canonum Problema.

Quantus arcus eclyptice debeatur cuicumque ascensioni vel descensionem oblique
 perferuari. mitte numerum ascensionis oblique in tabulam ascensionum obli-
 quarum: eam videlicet cui latitudo regionis vel elevationis poli data supra scriba-
 tur: τ ex directo ipsius in summitate quidem tabule offendes signum zodia-
 cium latere autem numerum graduum eiusdem signi qui debentur ascensioni oblique
 propositae quemadmodum in quinto problemate circa ascensiones rectas monuimus.
Si tamen elevationem poli septentrionalis nusquam inuenis precise quod accidit minu-
 tis quotlibet iuxta gradus existentibus: operare primo per tabulam latitudinis proximo
 minoris secundum viam iam nunc monstratam. Deinde similiter per tabulam latitudinis pro-
 ximo maioris: τ de duobus arcuum eclyptice inde elicitorum summe partem proportionalem
 secundum proportionem minorum: quae adiacent gradibus integris propositae elevationis poli: quam
 partem proportionalem adde arcui eclyptice per tabulam minoris elevationis computa-
 to si ipse minor fuerit arcui eclyptice per tabulam maioris elevationis reperito: aut ab
 eo minue si maior eo fuerit: τ quod vel addendo colligetur vel minuendo relinquetur
 prout res ipsa postulat numerabit arcum eclyptice questum. Sed quantus arcus respon-
 deat descensionem propositae si scies: ipsi descensionem date circuli semper id est. 180. gradus ad-
 de τ aggregato tanquam ascensioni oblique arcum eclyptice computa secundum modum iam
 nunc traditum: a quo arcui eclyptice semicirculum videlicet. 180. gradus aut sex signa
 communia minue quod enim relinquatur erit arcus eclyptice quem petebas. Nec autem
 documenta tenent: ascensione vel descensione obliqua a sectione vernali initium sumen-
 te. Nam si aliunde inciperet inuenienda essent modo predicto duo puncta eclyptice quo-
 rum alterum quidem principio alterum autem fini talis ascensionis vel descensionis ob-
 lique responderet. Arcus enim eclyptice duobus talibus punctis interceptus esset qui
 querebatur. Quod quidem modus erit exacte computationis. Nam si celerius ac prope verum
 agere decreueris licebit uti tabula ascensionum obliquarum cuius inscriptio aut titulus vic-
 nior erit latitudini regionis vel elevationi poli ad quem volebas operari. **N**unc quo faci-
 lius ante dicta intelligant exemplaris computatio subicienda est: vix quando iuxta gradus ele-
 uationis poli non sunt minuta aliqua operatio oio similis erit ei quam in quinto problemate ex-
 posuimus. Sit itaque elevatio poli. 47. graduum τ . 45. minorum: ascensio autem obliqua
 proposita. 70. graduum τ . 36. minorum: procedendo secundum modum quinti problematis in-
 uenio. 7. gradus τ . 26. ferme minuta cancri ad elevationem poli. 47. graduum. similiter
 ad elevationem poli. 48. graduum reperio. 8. gradus τ . 21. minuta cancri. Horum duorum
 arcuum eclyptice differentia est. 55. minuta de quibus pars proportionalis secundum proportionem

43. minutorum ad. 60. est. 43. minuta fere que adiecta arcui eccliptice ad. 47. gradus
 reperto constant. 8. gradus et 7. minuta cancri arcu scilicet eccliptice que sum pro descē
 sione demum obliqua. **C** Bue exemplum accipe: offertur mihi descē sio obliqua. 97.
 graduū et 34. minutorum cui correspondēt arcū eccliptice iubeor inuestigare ad ele
 uationē poli. 48. graduū. Adiungo memorate descensionē. 180. gradus et resultant. 277.
 gradus et 34. minuto hunc arcū tanq̄ ascensionem obliquā offendendo in tabula. 48.
 graduū iuxta. 12. gradus sagittarij reiectisq; 6. signis cōibus per duco: ad. 12. gradus ge
 minorum qui videlicet respondent oblate descensionē.

Decimum **P**roblema.



Ascensionem obliquā stelle cuiuscunq; in orizonte quolibet dinumerare: hūc
 nostro proposito seruiet tabule differentiarum ascensionalium dū stella nō plu
 ribus q̄. 32. gradibus ab equatoze remouetur. In latere enim sinistro dicte ta
 bule vtriusq; partis tam borealis q̄ australis declinatio vsq; ad. 32. gradus
 declinationē egredi solet. In latere autem supiori transuerso ponunt elevationes poli
 septentrionalis supra orizontes regionuz ac circulos positionū vsq; ad. 60. gradus. Arca
 autem tabule differentias ascensionū cōplectitur. Elevationē igit poli quere in frōte ta
 bule memorate: declinationē aut stelle siue boreale siue australem in latere sinistro. Nam
 qd̄ in angulo cōi offēdes erit orientia ascensionū stelle: pposita: quā demas ex ascensione re
 cta stelle supius inuēta: si declinatio stelle borealis fuerit: aut idēz adictas si australis ex
 titerit. Sic. n. vel relinquas vel colligetur ascensio obliqua stelle quā querebas ad orizō
 tē propositū. Qd̄ si stelle fixe amplitozē q̄. 32. graduū declinationē habētis ascē siois obli
 quā cōputare libeat. Intra bis tabellā secundā cū eleuatiōe poli supra orizontē datum et
 numerū ex directo eius occurrentē seruabis. Similiter in eadē tabella accipies numerū
 cū declinatiōe stelle ad quācūq; partē fuerit horū numeroꝝ alter alterū multiplicet et pro
 ductū p. 6 extendat. Reiectisq; primis. 6. figuris versus dextrā vnitatē relictis iungēdo
 si reiecte plus. 500000. denotauerint relinquatur sinus rectus differentie ascensionū stel
 le propositę. Cuius sinus arcum docebit tabula sinum maximum habens. 60000. parti
 cularum. Cognita itaq; differentia ascensionum vteris ad ascensionem obliquam stelle
 sciendam quemadmodū iam pridem monuimus. Facilius tamen idem efficies si tabula
 tua maximum sinum habeat. 100000. Nam altero duorum numeroꝝ per eleuationē po
 li ac declinationem stelle inuentorum in alterum multiplicato a producto abicies quāq;
 figuras primas versus dextram vnitatem relictis adiuncta si abiecte plus. 50000. repre
 sentauerint et reliqui sinus recti arcum ex tabula memorata elicies qui erit differentia
 ascensionum proposito tuo conducibilis. Hic tamen animaduertendum qd̄ quando dif
 ferentia ascensionum ab ipsa ascensione recta subtrahi nequit adiciendus est integer cir
 culus. 360. graduum et ab aggregato minuenda est differentia ascensionum prefata. Si
 militer quando differentia ascensionū adiecta ascensionē recte numerum maiorum. 360.
 gradibus coaceruauerit ipsi. 360. gradus reiciendi sunt: relictis videlicet pro ascensioe
 obliqua computaris. **C** In exemplo repetatur stella secundi problematis que habuit
 declinationem septentrionalem. 9. graduū et 51. minutorum volo inuenire ascensionem
 eius obliquam in orizonte cui polus eleuatur. 48. gradibus per tabellā igitur differen
 tiarum ascensionalium sub eleuatione poli. 48. graduū cum declinatione. 9. graduum
 et 51. minutorum duplici introitu inuenio differentiam ascensionum. 11. graduum. et 7.
 minutorum quam demo ex ascensione recta stelle inuenta per tertium aut quartum pro

*fol. 70

orig. fol. 136

fol. 25

bleuma que. 164. gradus. 7. 34. minuta sic enim relinquatur ascensio obliqua. 153. gra-
 duum. 7. 27. minorum. Secundum viam autem vniuersalem sic procedo. In tabella se-
 cundo iuxta numerum elevationis poli. 48. graduū inuenio numerum. 11 1062. quem
 seruo ad partem. Item per eandem tabellam cum declinatōe stelle duplici introitu eli-
 cio aliū numerū. 17364. quem duco in prius seruatiū numerū pducuntur. 1928480568.
 ille numerus per senarium multiplicatus reddit hunc. 1 1570883408. abiectis autē
 primis sex figuris adiecta q; vnitate vt affolet remanet mihi signus differentie ascen-
 sionum. 1 1571. cuius arcus est. 11. gradus 7. 7. minuta cum quo tandem vt prius ascensio
 obliqua reperitur. Tabellam autem sepe dictam non iniuria secundam appellare libuit
 q; multinarium ac mirandam vtilitate instar secunde arboris parere soleat.

CAndecimum **P**robleuma.



Ascensionem obliquā stelle cuiuscunq; numerare: inuenta differentia ascē-
 sionum stelle propoſite ex precedenti documento adde eam ascensionem re-
 cte ipsius stelle declinationem septentrionalē habentis: vel minue hu-
 iusmodi differentiam ascensionum ab ea si declinatio stelle fuerit meridia-
 na. Nam quod colligetur aut residuabitur erit descensio obliqua stelle pro-
 pſite. Hic non est opus exemplo aliquo speciali cum differentia ascensionum que pri-
 us addita est pro ascensione obliqua habenda hic subtrahitur pro descensione obliqua 7
 e contra que ibi subtrahitur hic additur.

CDuodecimum **P**robleuma.



Rectū semidiurnū solis vel alterius stelle cuiuscunq; cognoscere iuenias mō pōt
 cito. 10. pbleumatis oriam ascensionū stelle q; ē et dimidia dīa diei equo noctialis 7
 diei inequalis stelle: eā igitur. 90. gradibus adiunge si stella declinationē septē-
 trionalem habuerit: aut ex eis. 90. gradibus minue pro stella declinationē habente me-
 ridianam: sic enim vel constabis vel residuabis arcū semidiurnum stelle propoſite quo-
 demum ex. 180. gradibus dempto relinquetur arcus seminocturnus. Et item arcu semi-
 diurno duplato arcus diurnus 7 seminocturno geminato nocturnus prodibit arcus.
 Quorum vtrumuis si per quindenos quidem gradus parciaris numerus horarū equa-
 lium ei rſpondentiū profiliet: per duodenas autem particulas si secueris: quantitas ho-
 re inequalis vel temporalis emerget. Idem quoq; efficeris per differentiam ascensionū
 aut dimidiam dierum differentiam. Nam si eam per. 15. diuiseris 7 numerum quotiens
 denario addideris pro septentrionali declinatione: aut ex ea dempseris pro meridiana
 habebis numerum horarum equalium tēporis semidiurni cuius duplum horas totius
 diei numerabit. Si deniq; eandem differentia ascensionū per senariū distribueris 7 nu-
 mero nascenti. 15. adieceris pro septentrionali declinatione aut ex. 15. dempseris pro me-
 ridiana resultabit q̄ntitas hore inequalis. Neq; arcus diurn^o solis alia lege cōputari po-
 terit: subtractis. n. ascensionib^o obliq; loco solis 7o rſpondentib^o ab ascensionib^o obliq; pū-
 cto ei diametraliter opposito p̄tinentib^o relinquet arcus diurnus solaris. Idē quoq; mo-
 do obseruabis: de quocunq; pacto ecliptice tñ si sol i eo nō fuerit. Qd si habueris tabulā
 ascensionū rectarū apud capricorniū incipientiū. Subtrahē ascensionē obliquā cuius pū-
 cto ecliptice debitam ab ascensione eius recta 7 relinquetur arcus semidiurnus eius de 7
 puncti. **C** Repeto exempli causa stellā cuius differentia ascensionalis est. 11. gradus. 7. 7.
 minuta quemadmodū in decimo problemate ostēsum est: que vocari solet etiam dimi-
 dia differentia diei equinoctialis 7 diei inequalis quare cū arcus semidiurnus equino-
 ctialis sit. 90. graduū 7 declinatio stelle sit septentrionalis ad do eā. 90. gradibus 7 resul-

*nota **

tant. 101. gradus cum. 7. minutis. Tantusq; habetur arcus semidiurnus stelle propofite. Quem deinceps minuo ex. 180. gradibus z remanet arcus seminocturnus. 78. gradus ac. 53. minutorum Item duplabo arcū semidiurnū eueniunt. 202. gradus z. 14. minuta pro arcu diurno. Similiter duplabo arcū seminocturnū resultant. 157. gradus cum. 46. minutis arcus scilicet nocturnus; deinde arcum diurnū diuido per. 15. z exeunt. 13. hore equales cum. 29. minutis hore accipiēdo videlicet vice vniuscuiusq; gradus relictī post diuisionem. 4. minuta z pro singulis. 15. minutis gradus vnū minutum hore; preterea diuido arcum diurnū per. 12. z exeūt. 16. gradus cū. 51. minutis; residuū. n. facta diuisione p 60. multiplicauī z producto addidi minuta. 14. collectūq; totum itez per. 12. diuifi ascēdunt igitur. 16. gradus. z. 51. minuta in vna hora temporali vel inequali. Cetera omnia sunt facillime computationis.

¶ Duodecimum Problema.

Ductum ecliptice cum quo stella queuis vel oritur vel occidit inquirere. Inuenta ascensione obliqua stelle propofite per. 10. problema quere arcum ecliptice ei respondentem per. 9. punctus enim terminalis eiusdem arcus ecliptice oriari solet cum stella propofita. Non aliter elicies punctum cum quo occidit si prius didiceris quantus arcus ecliptice descensionis eius oblique tribuatur. Et z alius modus inueniendi punctū cū quo stella occidit. si enim ascensio oblique ipsius stelle arcum diurnum eius adieceris prodibit ascensio obliqua puncti orientis dum stella occidit. Eo igitur puncto per. 9. problema cognitio; punctus quoq; diametraliter ei oppositus haud quaq; latebit cum quo videlicet stellam propofitam oportet occidere. Exemplo autem nullo opus est in presentiarum si nonū z decimum z vndecimum problema satis didicisti. Sed mirabitur forte quispiam qd radiū computandis ascensionibus z descensionibus immoratus sim quandoquidem directiones precipue tractare instituerim; nemini profecto iniquū videri debet illud si quidem absq; noticia ascensionum ac descensionum directiones absolui nequeunt; ymo directio non est aliud nisi arcus quidā equatoris coascendens vel condescendens cuiuspiam arcui ecliptice aut alij intervallo duorum locorum cognitorum veluti inferius explanabitur. Quicunq; igitur in dirigen dis significatoribus expeditus esse volet in compotu ascensionū ac descensionum prius apprime exerceatur necesse est. Nunc ad negocium equandarum domorum descendere libet; eamnanq; res doctrinam directionū antecedere debet; cū significatores nonnunq; ad cuspidēs domorum; aut ipse cuspidēs ad alia loca dirigi solent.

¶ Decimumquartum Problema.

Inticia duodecim domoz celi rationabiliter constituere. Priusq; ad propofitum absoluendum venietur paulo altius ordiendum est ne precepta nostra inania ac fundamenta carentia quispiam suspicetur. Tres equandarum domorum accepimus modos quoz primus z vltimissimus arcum semidiurnum puncti ecliptice orientalis; aut arcum equatoris ei similez intres equas sccat portiones z arcum seminocturnum eius in totidem; per punctaq; diuidentia z punctum ecliptice orientale ac polum mundi vtrunq; singit quinq; circulos magnos qui cum meridianorum zodiacum z totum celum in. 12. partes diuidunt quas vocant domos; hec domorum distinctio q̄ fluxa z fragilis sit pace vulgariū astronomozum dixerim ex problematibus que super almaieſto ptolomei conscripsimus aperte quiuīs intelliget. Nam vt ex multis pauca decerpantur spacia domoz; hac lege distinctaz magnitudines certas ac firmas seruare nequeunt; quas profecto seruandas esse confiteberis si circa in flū

xus aut proprietates huiusmodi domoz recte philozophari libeat. Oriente quippe ca-
 cro in regione diem longissimū. 16. horarum habente. 1. domus: verbi gratia spacium
 tenet duplum et quod habet talis domus vndecima: ascendente capricorno. In regione
 autem cuius dies maximus. 18. horas equales complectitur huiusmodi spacia. 11. dom⁹
 in ppozitione tripla reperiuntur. Cui ergo persuadetur vsquam eūdem esse influxū
 tam diuersis q̄z inequalibus celi partibus: siue celum quiescens posueris: vnde virtutes
 12. domiciliorum diriuentur: siue ppter variam celi ad faciem terre habitudinez pro-
 prietates domozum distinxeris: etiam domos ipsas ab orizonte truncari necesse erit: alte-
 ris quidem earum partibus supra orizontem: alteris autem sub orizonte manentibus:
 quod sententie vnanimi. p̄scozorum philozophozum contraire liquet: afferentium sex. q̄
 dem domos totas supra orizontem: sex autem sub eo constituit: preterea stellam aliquam
 iam dudum ortam in domo prima impudens fisset astronimus: stellam deniqz longe ab
 orizonte occidentali sursum remotam sexte domui turpiter intruderet que res quantaz z
 quam horrendam in iudiciis fallaciam ingerant facile quisqz perferret. Cū autem
 compono domos distinguere libuit per circulos videlicet quattuor magnos orizonti z
 meridiano coincidentes in vtraqz earum cōmuni sectione. Nam super altera huiusmodi
 sectionum tanqz polo prima impudens fisset astronimus: stellam deniqz longe ab
 regionis transeuntem: huiusmodi quadrantes meridiano z orizonte interceptos in tri-
 nas equales secari portiones imaginatur: z per puncta sectionum duci quattuor me-
 moratos circulos qui vna cum meridiano z orizonte circum. verticalem ante dictum
 itemqz eclipticam ac totūz insuper celum in duodena partiuentur interualla: fitqz hac di-
 stinctione vt queuis dicta. 12. spacia celi siue corporalia intellexeris siue sup̄ficia equa-
 les inuicem magnitudines sortiantur: ecliptice tamen. 12. partes inequales semper repe-
 riuntur preter q̄z dū poli ecliptice cum duabus orizontis z meridiani sectionibus cōcur-
 runt quod accidit in regione cuius latitudo maxime solis declinationi equatur. istodius
 tamen ille q̄z alienus sit a mentibus antiquoz z q̄z funilis q̄ circulo verticali imagina-
 rio ac nihil virtutis habenti innitit: silentio pretereundum censemus. Ne paulo licenti⁹
 euagari videamur cū z maxime plerumque huius negocij absolutionē aliunde expectā-
 dam esse iusserimus. Tertius modus habet mediū inter duos memoratos vtroqz scili-
 cet eozum participans: diuidit enim quattuor quadrantes equatoz meridiano z orizo-
 te obliquo interceptos in trinas equales portiones z per puncta sectionū. ducit quattuor
 circulos magnos meridiano ac orizonti concurrentes in duabus eoz sectionibus: tales
 itaqz sex circuli assumptis scilicet meridiano z orizonte totūz celū in. 12. spacia partiuntur
 que nuncupantur domus. Iste autem domus z si inequales inuicem sint in omni orizonte
 obliquo tamen suam queqz seruat magnitudinē inuariabilem. Sic sectiones quidem in
 equatoze sumuntur vt in primo modo non in circulo verticali: concursus autem circa lo-
 cum domos distinguendum fit in sectionibus cōmunitibus meridiani z orizontis vekuti
 in secundo modo non in polis mundi: ac via media secure ac rationabiliter gradiemur
 vbi in cōmoditates duobus modis extremis obici solitas haud quaqz formidabimus: ve-
 rum munimenta huiuscemodi vie cū z multa sint absqz nimis longa digressionē narra-
 ri nequeant missa facimus in presentiarum ne disputare potius videamur q̄z tabularum
 nostrarū vsū explanare quod profecto principaliter intendimus: p̄stitati aut quocūqz
 circa traditiones nostras liber secundus p̄leumarum almae est perlegendus est vbi z
 fundamenta tabularum nostrarum z rationes equandarum domoz ac dirigendorū si-
 gnificatozū cum plerisqz rebus alijs iudicio astrologico conducibilibus abunde expo-

Autius. **C**um ad rem ipsam redeuntes docebitur quo pacto in omni habitate eius latitudo. 60. gradus non excedit initia. 12. domoz celi cognoscenda sint. Intra igitur tabellam domozum rationabilem cum longitudine regionis tue aut eleuatione poli borealis et duos numeros ex directo eius occurrentes diligenter serua fecerunt: quoz primus quem dem inscribitur numerus polaris. 1. et tertiae nonae ac quinte domozum: secundus autem. 12. et secunde octaue ac sexte. Ille autem numerus polaris notificat arcum circuli magni qui a polo boreali circum domum quauis determinanti ad rectos incidit angulos: deinde videtur cui tabule ascensionum obliquarum supra scribitur numerus polaris vnde decime domus: nam ea semper vteris in tua regione ad principia. 1. et tertiae domozum inuenienda. Similiter explorandum est que tabule ascensionum obliquarum supra scripturum habeat numerum polarem. 12. et secunde: nam illa semper prebebit initia. 12. et secunde domozum: hoc pacto ascensionibus rectis loco solis respondentibus adde gradus equatoris a meridie exortos qui per horas equales distantie solis a meridie cognoscuntur vnicuique videlicet hore. 15. gradus tribuendo et colligetur ascensio recta medij celi vnde et per quintum problema medium celi scietur: deinde ascensioni recte medij celi. 30. gradus adicias et congeries talis erit ascensio obliqua principij. 11. domus debita: per tabulam itaque. 11. domus cui v3 numerus polaris. 11. domus supra scribitur inuenias arcum ecliptice directe ascensioni oblique respondentem. Finis enim huius arcus erit initium. 11. domus: ite idem ascensioni oblique. 11. domus iunge. 30. gradus et aggregatum erit ascensio obliqua pertinens ad principium. 12. domus. per tabulam igitur. 12. domus quere arcum ecliptice debitum et habebis initium. 12. domus: amplius memorate ascensioni oblique. 12. domus adicias. 30. gradus et colliges ascensionem obliquam ascendentis. Ex tabula ergo regionis tue per. 9. problema graduum ascendentes et initium prime domus addisces: postea ascensioni oblique ascendentis. 30. gradus appone et habebis ascensionem obliquam principij secunde domus: vnde et per tabulam suam modo sepe dicto initium secunde domus non latebit: similiter ascensioni oblique secunde domus. 30. gradibus adiectis resultabit ascensio obliqua tertiae domus: ac demum per tabulam suam principio ipsius domus cognoscendo via parabitur: In summa sic accipies ex ascensione recta medij celi per additionem continuam trigenezum graduum nasci solent ascensiones oblique reliquarum quoz domozum per tabulas eis accommodatas suscitare. Postquam autem sex domozum capita memoratarum cognoueris initia reliquarum quoque sex domozum haud quaquam latebunt cum suam quoque comparem per diametrum circuli aspicias. **E**xemplo huic documento subiungendum est: habeat sol. 6. gradus thauri distans a meridie per tres horas et. 14. minuta: volo inuenire principia. 12. domozum celi ad latitudinem. 48. graduum. In tabella igitur domozum rationabili iuxta. 48. gradus latitudinis inuenio numerum polarem. 11. et tertiae domozum. 29. graduum et. 2. minorum: numerum autem polarem. 12. et secunde. 43. graduum et. 53. minorum hos numeros serua fecerunt: deinde per tertium problema inuenio ascensionem solis rectam. 33. graduum et. 40. minorum: pro vnaquaque autem hora distantie a meridie accipio. 15. gradus equatoris et pro quaterius minutis hore vnum gradum vti fieri solent: sicque arcum. 48. graduum et. 30. minorum colligo distantiam videlicet solis a meridiano quam addo ascensioni solis recte vt emergat ascensio recta medij celi. 82. graduum et. 10. minorum et ipsum celi medij. 22. gradus cum. 49. minutis geminorum cuius demum ascensionem recte addo. 30. gradus et resultat ascensio obliqua respondens principio. 11. domus. 11. graduum et. 10. minorum: huic quoque ascensioni oblique. 11. domus addo. 30. gradus et prouenit ascensio obliqua. 12. domus. 142. graduum et. 10. minorum. Similiter per addi-

tionem continuam trigenuz graduu efficio ascension es obliquas ad initia reliquaruz domozum. Prime quidem cuius initiu est gradus ascendens. 172. gradus z. 10. minuta. secunde autem. 202. gradus z. 10. minuta. tertie vero. 232. gradus z. 10. minuta: deinde intro tabulam ascensionum obliquaruz. 29. gradibus elevationis poli subiectam cu ascensionibus obliquis. 11. z. tertie domozum: z per documentum noni problematis inuenio vnum gradu cum. 28. minutis leonis pro. 11. domo: pro tertia autem. 15. gradus z. 14. minuta scorpius. Similiter cum ascensionibus obliquis. 12. z. secunde domozum: intro tabulam. 44. gradibus suppositam z eodem modo reperio vnuz gradu z. 4. minuta virginis pro. 12. domo: pro secunda autem. 17. gradus z. vnum minutu libe. Non aliter cum ascensionibus obliquis ascendentis vel prime domus per tabulaz regiois videlicet. 48. gradibus suscriptam elicio. 24. gradus z. 14. minuta virginis pro ascendente. Sic inuenta initia sex domozu a medio celi incipientium: reliquaz autē domozu principia per diametrum predictis opponuntur: quare z ipsa haudquaqz latebunt: vsus autem sum. 29. gradibus vice. 29. graduu z. 2. minoru: similiter. 44. gradibus vice. 43. graduu z. 53. minoru: propter vicinitatem numerorum: cum tabule ascensionu obliquaru ad integros gradus sint facte. hoc etentm pacto nihil erroris sensibilis ingeritur. Si tamen curiose magisqz vtiliter omnia ad vnguem exhaurire libet no nu problema confendum est: iste est modus generalis equandarum domoz ad omnem poli elevatione: quis no nihil difficultatis in opere videatur habere: quamobrem si celeriozem computatione desideras: fac tabulam domozu regioni tue propriaz scdm modu iam traditu incipiendo videlicet a medio celi vel ascendente: eodem tamen est initiu a medio sumere celi.

Quindecimum Problema.



Quoddecim domos celi per circulos magnos in vtroqz polo mundi coeuntes ad quis latitudinem. 60. gradus non excedentem determinare. Et si moduz huc valde vtitur negligere iam pridem decreuerim: tamen hoc in loco docere libuit quo pacto scdm eu quoqz domus equande sint vniuersaliter in quacunqz regione latitudinem. 60. graduu non egrediente: quo abundius siue vtilitas siue amplitudo tabularu presentiu demonstratur. Ascensioni igitur recte medij celi si a sectione vernali inceperit iunge. 90. gradus z. resultabit ascensio obliqua ascendentis qua mediante gradus ascendens per tabulam regionis tue: documentum noni problematis innotescet: deinde arcu semidiurnum ascendentis per. 12. problema cognoscas: que diuide in tres partes equales: eritqz vnaqueqz illaru partiu dupla ad quantitatem hore temporalis diurne ipsius ascendentis: tale autem duplu si dempseris ex gradibus. 60. relinquetur duplum hore inequalis nocturne ascendentis: qualitercunqz autē huiusmodi dupluz hore inequalis reperies nihil refert: illud ergo duplu adde ascensioi recte medij celi z. resultabit ascensio recta principio. 11. domus respondens que per quantum problema arcu ecliplice suum: atqz itcirco initiu. 11. domus eliciet: item ascensioi recte. 11. domus adde predictu duplum hore inequalis: sic enim ascensionem rectam principio. 12. domus debetam constabit vnde z ipsa domus initium fortietur notu: amplius ascensioi recte. 12. domus predictum duplum adde z. conueniet ascensio recta ascendentis: cui hore nocturne ad iunge duplum ipsius ascendentis z. colligetur ascensio recta initij secunde domus cui in super si idem duplum adieceris: ascensio recta principio tertie domus seruiet a prodibit. Ex his autem ascensionibus rectis si puncta ecliplice eis respondentia nescires elice. reuertiam tuam turpiter proderes: presertim cu operatio hec sit vulgaris ad moduz z ante hac in quibus problema sufficienter exposita. Habitis autem initij sex domozum

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a medio celi incipientium reliquarum quoque incitia diametraliter videlicet iam memoratis opposita non latebunt. **C**Si tamen exemplaris computatio placet ponatur in medio celi 12. gradus tauri; volo equare domos secundum hunc modum: ascensio recta huiusmodi medij celi est. 39. gradus et 33. minuta quibus adiungo. 90. gradus resultant. 129. gradus 33. minuta ascensio scilicet obliqua ascendente; et ideo ascendens ipsum. 23. gradus et 54. minuta leonis huius ascendente arcus semidiurnus per prius exposita est. 105. gradus et 53. minuta; quem diuido in tres aequales portiones quarum queque habebit. 35. gradus cum. 18. minutis fere et tantum erit duplum horae diurne ascendente; hoc duplum de more. 60. et relinquuntur. 24. gradus cum. 42. minutis; duplum igitur horae diurne addo ascensionem recte medij celi que erat. 39. gradus. 33. minuta; resultat ascensio recta. 11. domus. 74. graduum et 51. minorum cui demum adicio idem duplum et emergit ascensio recta. 12. domus. 110. graduum et 9. minorum; huic quoque addo idem duplum ut nascatur ascensio recta ascendente. 145. graduum et 26. minorum; omitto autem unum minutum quia duplum horae diurne defecit parumper in secundis a. 35. gradibus et 18. minutis. Item dicte ascensionem recte ascendente adiungo duplum horae nocturne; sicque colligo ascensionem rectam secunde domus. 170. graduum et 8. minorum; huic denique aggregato super adiungo praedictum duplum horae nocturne et resultat ascensio recta tertie domui tribuenda. 194. graduum cum. 50. minutis per illas ascensiones dirigente quinto problemate inuenio pro undecima. 16. gradus et 4. minuta geminorum pro duodecima. 18. gradus et 36. minuta cancri; pro secunda. 19. gradus cum. 15. minutis virginis; pro tertia autem. 16. gradus cum 8. minutis librae. Sic cuspides sex domorum orientialium inueniuntur: unde et reliquarum sex occidentalium incitia propter diametralem oppositionem innotescunt.

CSedecimum Problema.

Incitia duodecim domorum celi secundum reliquum modum extremum in regione qua libet latitudinem. 60. graduum non extendere breuiter constituere. Illius uero equandarum domorum campanus quidem speculationem exposuit: uerum quo pacto executioni numeratoz mandaretur silentio preteristi: quod profecto vel imbecillitatem huius uis: vel difficultatem arguit executionis. Si enim campanus stabilem arbitratus est hunc modum: quid enim arcere potuit quo minus artificialem eius usum traderet nisi ipsa negotij difficultas: aut si calculum eius in prompto habuit: iccirco non edidisse uideretur quod huiusmodi domorum distinctionem infirmam esse animaduertit: posset tamen subtiliter potius quam utiliter ita imaginari. Ioannes autem ragu sinus sola pene auctoritate campani suffultus eum modum censuit prosequendum: nam ceterorum astronomorum testimonia que sibi uisui venire arbitretur: (pace eius dixerim) non pro sua sed nostra sententia militant: et quidem apertissime quod alibi latius differemus. Is igitur postquam opinionem campani sectari decreuit documentum edidit equandarum domorum: ydoneum quidem proposito suo ac geometricis fundamentis stabilitum uerum prolixum ac multifarum suspicionemque plenum adeo ut sine tedio intollerabili ne unam quidem domum quispiam innumeris etiam exactissimis elaboraret quod et gazulus ille aperte cofiteatur in quarta parte operis sui circa principium. Sex etenim multiplicationibus sinus per sinus et item sex diuisionibus ac cuspidem unius domus inueniendam opus est cum plerisque additionibus ac subtractionibus et cautelis multiplicibus: quis itaque huiusmodi domorum distinctio rationabiliter fundata esse: nondum tamen facultatem computandi nacti essemus quam in presentiarum explanare decreuimus: non tanquam utilem futuram astrologo: uerum potius demonstraturam tabularum nostrarum amplitudinem. Intra igitur tabel

Iam domozū scđm campanū z gazulum cū eleuatione poli ad tuam regionem: z ex dire
cto eius inuenies intersticiū decime domus cū numero polari vndecime itēq; interstici
um vndecime cū numero polari. 12. domus: hos numeros serua seozū cū suis inscriptio
nibus. Appellatur aut̄ intersticiū arcus quidaz equatoris duobus circulis domū q̄uis
claudenubus interceptus. Numerus vero polaris superioris est diffinitus: illud tamē nō
est ignorandum vndecimā z tertiam domus eundem habere numerū polare z: similiter
duodecimā z secundā in numero polari cōicare. Qđ si cōgerit̄ intersticioz decime z vn/
decime domoz ex. 90. gradibus dempseris intersticiū. 12. domus relinquet̄ qđ reuera est
equale intersticio prime domus: intersticiū aut̄ scđe domus equatur intersticio. 11. Qñ
itaq; libet equare domos s̄m hunc modū inuenias prius mediū celi vt affolet cuius ascē
sioni recte adiūgas intersticiū. 10. dom⁹ z refubtabit ascēsiō obliqua cuspidi. 11. dom⁹ re/
spondēs: qua mediatrice per tabulā numero polari. 11. domus subiectā agnosces punctū
ecliptice memorate ascēsiōni appropriatū: qđ solēt appellare cuspidē ipsius domus: dein
de ascēsiō oblique. 11. dom⁹ iūge intersticiū. 11. dom⁹ z colligatur ascēsiō obliqua. 11. dom⁹
cui itē adiecto intersticio. 12. domus ascēsiō obliqua prime dom⁹ aut̄ ascēditis p̄dabit quā
ēt habebis si ascēsiōni recte mediū celi ab ariete incipiētī quadrantē circuli adieceris. Si
demū ascēsiōni oblique ascēdentis intersticiū prime dom⁹ addideris ascēsiō obliqua scđe
domus colligetur: cui tandē iteruallū scđe dom⁹ adiūge z hēbis ascēsiōnē obliquā tertie
dom⁹. Unaqueq; aut̄ dictaz ascēsiōnū obliquaz p̄ tabulā numero polari sue dom⁹ subie/
ctam dom⁹ ipsius cuspidē suscitabit cognitā quē admodū p. 11. domo iā nō monuimus.
Exēplo aut̄ nullo opus ē reoz qm̄ quidē modus iste equandaz domozū negligēdus ē: si
tū exercitiū grā periculū i hac re facere lubet: muētis ascēsiōib⁹ obligs domoz q̄starū cū
numeris suis polaribus cuspidēs earū non aliter q̄ in decimoquarto problemate do/
cuimus addices.

Decimumseptimū Problema.



Vruz stella queuis aut pūctus ecliptice quilibet fit in parte celi oriētali vel oc
cidentalī dignoscere. Partē celi orientalem uoco eā que incipit a mediō celi z
ad angulā terre per ascendētē eundo terminatur: medietatē videlicet celi q̄
ad meridiē inspiciētī a sinistris existit: reliquā aut̄ medietatē que a dextris ē oc
cidentalē. Subtrahē igitur ascensionē rectā stelle p̄positē ab ascēsiōnē recta mediū celi
ad instās cōsideratiōis tue adiecto integro circulo si opus fuerit z relinquatur elongatio
stelle a meridiano que si minor fuerit semicirculo. 180. gradū stellā ipsam in medietate
occidētalī dices esse: si aut̄ maior. 180. gradibus in oriētali: q; si precise. 180. gradus cōple
ra fuerit angulū terre stella ipsa occupauit: si aut̄ nihil fuerit residuū in mediō celi stellaz
esse pronūctabis. **Exēplū** breue mediū celi hēat. 22. gradus z. 49. m. geminoz: sol autē
in fine. 6. gradus tauri repiatur volo tētare p̄positū huius p̄bleumatis de sole: ascēsiō re/
cta mediū ē. 82. gradus z. 10. minuta ascēsiō aut̄ recta solis. 33. gradus z. 40. minuta quaz
minuo ex ascēsiōnē recta mediū celi z relinquūtur. 48. gradus cū. 30. minutis scz elōgatio
solis a meridiē minor semicirculo: quare solē ē in medietate occidētalī celi enuncio.

Decimumoctauū Problema.

Atrum stella sit supra terram aut sub terra facilliter coniectare ex antedictis ar
cū semidiurnū stelle ac semiocturnū addisce deide si stella fuerit i medietate
occidētalī z elōgatio ipsi⁹ a meridiē mior: arcu semidiurno stella ipsa supra ori
zōtē cōstituetur. Si aut̄ dicta elōgatio a meridiē arcū semidiurnū supauerit: sub
terra v̄sabit p̄posita stella: elōgatiōe demū a meridiē z arcu semiocturno existētib⁹ eq̄lib⁹

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stellam ipsam orizon occidentalis tenebit. At stella medietatem celi orientalem occupante demptis. 180. gradibus ex elongatione eius a meridie relinquetur elongatio eius ab angulo terre: que si minor arcu seminocturno stelle extiterit: non dum supra terram emerisse stellam dices. Si autem arcu seminocturnu excederit supra terram proculdubio constituetur. Quod si arcus seminocturnus elongationi ab angulo terre equalis extiterit stella ipsa orizontem orientalem possidebit. Idem aliter experieris ac multo breuius si prius ascendente gradum punctumque ecliptice quo cum stella oritur: et item punctum cum quo occidere solet recte didiceris: hoc enim pacto scies ultra medietatem ecliptice supra orizontem aut infra eum existat: et si punctum cum quo stella oritur fuerit in parte orientali non dum tamen occiderit: scies stellam quoque nondum ortam esse. si autem punctum cum quo occidit fuerit in parte occidentali non dum tamen occiderit: scies stellam nondum quoque occidisse: pariformiter conicies stellam esse ortam vel occidisse: secundum habitudinem puncti ecliptice oriri vel occidere soliti cum ipsa stella: unde tandem situm stelle supra terram fuerit an sub terra plane intelliges. **E**xempli gratia repetatur situs solis qui in precedente ponebatur: mediu celi que idem nunc subiciatur ex duodecimo problemate ad latitudinem. 48. gradu: concludo arcu semidiurnu solis. 105. graduu et 32. minutoru: erat autem elongatio solis a meridie. 48. graduu et 30. minutoru minor scilicet arcu semidiurno: quare solem supra terram esse pronuncio: cetera omnia facilia sunt.

Decimumnonum Problema.



Istantiam stelle a meridiano concludere: cuius elongatio et distantia a meridiano non promiscue plerumque sumantur: in presentiarum tamen discrimine quoddam eis interiecimus quo sermo noster articulatio: ac lucidior redderetur: in hoc nempe conueniunt quod utraq; est arcus equatoris conclusum inter meridianu regionis ac circulum per polos mundi et centru stelle transeuntem veru elongatio semper a stella versus meridianu secundum signoru consequentiam accipitur. Distantia autem nonnunquam contra signoru sequelam in equatore perpendiculari distantia denique semper aut tota est supra orizontem aut tota infra eum. Elongationis autem pars altera supra orizontem nonnunquam existit: altera autem pars sub orizonte. Si igitur stella supra terram existens non dum attingit meridianu: subtrahere ascensionem rectam medij celi ab ascensione recta stelle: si autem meridianu transierit supra terram adhuc existens: ascensionem stelle rectam ex ascensione recta medij celi demere et relinquetur distantia stelle a meridiano diurna. Non aliter computabis distantiam eius a meridiano nocturna si sub terre extiterit. Si enim ante meridianum sub terra fuerit ascensionem rectam anguli terre ex ascensione recta stelle minues. Si autem angulum terre transierit e contra ascensionem rectam stelle ex ascensione recta anguli terre minues: relinquetur enim nocturna eius a meridiano distantia versa demum vice si stella supra terram existens non dum attingerit meridianu: distantiam eius a meridiano ex ascensione sua recta demes: et relinquetur ascensio recta medij celi: aut si ascensionem sue recte huiusmodi a meridiano distantiam addeceris stella ipsa meridianu pretereunte resultabit ascensio recta medij celi. Similiter ascensionem rectam anguli terre deprehendes si stella talis sub orizonte depressa fuerit. Hinc postremo tam celi medium quam angulum terre per quintum problema cognoscendi dabitur facultas pretereascensio solis recta demptu ex ascensione recta medij celi adiecto integro circulo ubi opus fuerit relinquet elongationem solis a meridie. Ex qua tandem quot horu equales post meridie effluerint facile coniectabis si prius per quindenos gradus memorata distribueris elongationem. Hec breuiter ad modum propter sequentia perstringere fuit consiliu: ne ampliandi

libri potius q̄ res nouas ac vtilis tradendi gratia calamū verasse videremur: preferit̄
eum alibi res huiusmodi pleriq; in locis tractare sint z quidem abundissime.

Cligesimum Problema.

Quāntum eleuatur polus borealis supra circulum positōis stelle cuiusvis aut
alicuius signati p̄cti in celo inuestigare. Hoc huc arrige aures tuas quicūq;
totam dirigēdi artem nec non stellas in. 1. 2. celi domicilijs sistendi arte nauicisci
vales: cui negotio nōnullas tabulas exarauimus quas tabulas positōnū par/
ticulares appellare libuit: quaruz vnaqueq; in latere suo sinistro geminam habet decli/
nationem septentrionalē scz ac meridianam vsq; ad 32. gradus tantam enim declinatio/
nem planete nunq; transiliunt: quoz gratia potissimū dicte tabule sunt contexte. In late/
re aut̄ superiori videlicet transuersali numeros eleuationū poli supra circulos positōnū
ordinauimus: arca vero tabule vniuscuiusq; distantias stellarū a meridiano comprehendit.
Circulum aut̄ positōis appello eum qui per duas cōes sectiones meridiani z orizō/
tis aut per centrum stelle aut p̄ctū celi signatum incedit: quē etiam orizontē stelle non/
nunq; vocari licebit. Si igitur stella vel punctus datus supra terrā existit quere declina/
tionem eius in latere sinistro tabule ad regionem tuā face: in parte quidē superiori si se/
ptentrionalis: in parte aut̄ inferiori si meridiana fuerit z inuerter eius distantia stelle a me/
ridiano siue ante meridiaua fuerit siue post meridiaua: ex directo enim iaz dicte distantie
superius in capite tabule offendes numerū eleuationis poli quē situm. Si vero stella aut
punctus ppositus sub orizonte extiterit quere declinationem eius in parte superiori late/
ris sinistro si declinatio ipsa meridiaua fuerit aut in parte inferiori si septentrionalis: in ar/
ca aut̄ tabule distantiam stelle a meridiano: z scōm moduz iam nunc expositū in frōte ta/
bule offeretur numerus eleuationis poli quē querebas. Et si stella declinatione caruerit
querenda erit similiter distātia eius a meridiano in vltimo versu superioris pagine z ex di/
recto eius in capite tabule inuenietur eleuatio poli quē sita. Admoneo tñ debes operan/
dum esse duplici introitu qñ distātia a meridiano nō integra offēdit̄ in arca tabule quē
admodū facere solemus p̄ ascensionē rectaz arcū ecliptice ei debitū inuestigaturi. Si tñ
huiusmodi exactā cōputationē paulo remissius curaueris vice numeroz tuozū itroituā
lium accipere poteris numeros eis q̄ vicissimos in tabula saltē expressos: sic enī breuissi/
me ac sine errore notabili ppositū tuū consequeris. Adutus rei grā sit stella quedā i fine
12. gradus virginis habēs latitudinē septentrionalē triū gradū atq; idcirco declinationē
septentrionalē. 9. graduum z. 51. minutorum distātia autem eius a meridiano supra ter/
ram sit. 53. graduum z. 10. minutorum: volo experiri quanta sit eleuatio poli septentriō/
lis supra circulū positōis eius in regiōe latitudinis. 48. gradū si declinatio stelle fuit̄
precise. 10. gradū z distātia a meridiano. 52. gradū cū. 37. minutis inuenisset. 38. gradus
eleuationis poli in frōte tabule: vtz declinatio nō h̄bet plene. 10. gradus sed̄ propiua
est. 10. gradibus quare intranti in p̄ctū. 10. gradibus partē tabule superiorē occurrit di/
stātia a meridiano primo minor p̄posita distātia. 52. gradū z. 37. minutor: primo
aut̄ maior. 55. gradū z. 2. minutor. distātia h̄az distātiarū est. 2. gradus z. 25. minuta: q̄ cor/
respondent vni gradū eleuationis poli: hanc distātia pono pro primo numero. Itēz mi/
nores distātia subtraho a distātia pposita z relinquūt. 33. minuta pro secūdo numero.
tertius aut̄ numerus semp est. 60. minuta: duco igitur secūdū in tertiu nascūt. 1980. se/
cūda que diuido per. 145. minuta equipolētia duobus gradib⁹ z. 25. minutis exeunt se/
re. 14. minuta addēda. 38. gradibus: eleuatio itaq; poli supra circulū positōis stelle est
38. gradū z. 14. minutor. Qd si adhuc precisius habere volueris huiusmodi eleuatio/
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fol. 109 v
ad fol. 133

nem declinatione habente aliqua minuta iuxta gradus: intra primo cū declinatione primo minori extrahendo elevationē poli vt iā dictū est: deinde cum declinatione proximo maiori in tabula expressa z similiter elice elevationē poli: deorfia aut harū eleuationū accipe partē proportionales scdm proportionē minorū existentū iuxta gradus declinationis quā adde prime eleuationi si secunda maior fuerit ea aut minue ex ea si secūda fuerit minor. hoc enim pacto exactius cōprehendes eleuationē poli quesitam.

Cuagesimūprimum Problema.

In qua. 12. domoz celi stella queuis aut punctū celi quodlibet cōstituat ex plozarc. De stella semp itelligas aut pūcto celi declinationē. 32. graduū nō egr ediente: postq; igitur ex ante memoratis initia. 4. domozū angulariū cognoue ueris: itemq; pūcta eclyptice cū quib' stella proposita z oritur z occidit ac celū mediat: aperte cōtēplaberis: sit ne stella in aliquo dictoz anguloz an nō. At si nullū talū anguloz obtinuerit scies in qua quattuor quartaz celi dictis pūctis angularib' iterceptaz cōsistet: vt aut domus eius inueniatur hoc accipe pambulū: domus vndecima z quinta itēq; nona z tertia q̄uis duob' circulis positioē differētib' determinētur: polus tū borealis equaliter ab vtroq; eoz remouetur. Si r duo decima z sexta itē octaua z scda per duos circulos positioē diuersos cognoscūtur: vtz tñ polus borealis equaliter supra vtrunq; eozū eleuatur. Cognitio itaq; ex precedētī quātū polus borealis supra circulum positioē stelle eleuatur cōfer numerū huiusmodi eleuatiōis ad nūeros polares. 1. 1. z. 12. domozū per quartū decimū pblemā reptos nā si fuerit equalis numero polari. 1. 1. dom' z stella ipsa i quarta orientali diurna māserit cuspidē vndecime necessario occupabit. Si aut in quarta oriētalī subterranea fuerit in cuspidē tertie dom' cōstituetur: at si numeris p̄dictis sese nō excedēt b' stella quartā occidentalē sublimē tenuerit: in principio none domus pculdubio reptietur. Si vō in quarta occidentali subterranea extiterit cuspidē quinte domus eā obtinere necesse est. Sed si eleuatio poli supra circulū stelle positiois numez polarē. 1. 2. domicilij equauerit eo ordine ac mō vt iā p̄idē cōiectabimus stellā esse aut in principio. 12. aut. 2. aut. 8. aut. 6. domus. In principio videlicet alicui' dictazū domoz que cū stella proposita in eadē quarta collocatur q; si eleuatio poli supra circulū positiois stelle nō fuerit equalis alteri duozū nūeroz polariū p̄fatorū certū ē stellā nō esse in cuspidē alicuius domoz memorataruz: vñ si minor fuerit numero polari. 1. 1. dom' cōstabit stellā eē in. 10. domo vel. 9. vel. 4. vel. 3. prout quarta stellaz ipsam tenēs edocebit. Si vō dicta eleuatio maior fuerit numero polari. 11. domus: minor tñ numero polari. 12. stella erit aut in 1. aut. 8. aut quinta aut scda. Si aut eleuatio poli sepe memorata excesserit numerū polarē. 12. domus stellam ipsam aut in. 12. aut in. 6. aut. 7. aut prima modo supra scripto cōperies. Poteris ēr aliter experiri stellā quauis prope cuspidē alicui' domus existēte scd; locum lōgitudinis sue sit ne ante cuspidē an post eam aut in ipsamet cuspidē p̄fertis si habuerit latitudinē quā si nō haberet nulla speciali doctrina opus esset. Nam si stella fuerit prope mediū celi aut angulū terre: pūctus celi mediationis stelle cōparatus ad mediū celi aut angulū terre te reddat in hac re certiorē. Si aut ppe ascendētē fuerit pūctus eclyptice cū quo stella oriri solet id edocebit. Idē faciet punctus eclyptice cuz quo stella solet occidere si circa gradū occidentē stella extiterit. Si aut circa cuspidē alicuius domozū orientaliū inuenta fuerit scita eleuatione poli supra orizontes eiusdem domus circulū vico q; determinat initū talis domus tertū decimū pblemā quere punctū eclyptice cū quo oritur stella proposita supra orizontem eiusdem domus: illud enim punctū z cuspidē domus collatum: stelle sitū respectu memorate cuspidis demonstrabit. Non alter argu-

mentaberis per punctū ecliptice cum quo stella occidit sub orizonte altitudo domorum occidentalium eius videlicet iuxta cuius principiū stellā tuāz offenderis. Nolim o lector multitudinē p̄boꝝ absterrearis facillimā. n. ipse consiteberis operationū exponitam vbi mediocri prius exercitatioe fueris vsus. **E**xemplo tñ breui tranquilioꝝ animū tibi redam. Stella precedētis probleumatis habuit elevationē poli supra circulū positiois sue 38. graduū z. 14. minutoꝝ ponatur ipsa in quarta oriēti diurna: ex quartodecimo autē probleumate ad latitudinē. 48. graduū didici numerum polareꝝ vndecime domus. 29. graduū z. 2. minutoꝝ: numerum autē polarem duodecime. 43. graduū z. 53. minutoꝝ cum itaq; elevatio poli supra circulū positionis stelle sit maior numero polari vndecime domus: minor autē numero polari duodecime concludo stellam esse in. 11. domo. **S**imiliter in alijs casibus te expedies.

Cigesimalium secundum Probleuma.

Vtrum due stelle vtrunq; propofite in vno circulo positiois faceant explorare Tribus modis stellarū cōiunctiones astronomi cōsiderant primū quideꝝ scđm circulos p polos ecliptice incedētes qñ videltcet vnus talis circulus ambas cōplectitur stellas. Scđo scđm circulos per polos mundi incedentes. Tertio autē scđm circulos meridiano z orizonti in duabus eozū sectionibus coeuntes. Hoc gen^o cōiunctionum hali expositoz quadrupartiti ptolomei diligenter obseruare solet q; magnam in natiuitatibus vim habeat. Huiusmodi igitur cōiunctiones in hoc pposito querere instituiamus. Sint ne videlicet stelle propofite in vno tali circulo an non. **I**d autē per vigesimalium probleuma experiri nudū est. Nā si stellis ppositis vna z eadē fuerit elevatio poli borealis supra circulū positiois: cōiunctas mō p̄dicto enunciabimus: si vero diuerse fuerint elevatioes poli supra circulos positiois non erūt cōiuncte. **O**portet autē ante oīa stellas ipsas in vna z eadē quattuor quartaz meridiano z orizonte distinctarū cōstitutas esse. **S**imili argumēto vtemur circa quecunq; duo puncta celi qñ eozū cōiunctionē scire desideramus. **N**ullo hic exemplo opus esse reoz propter facilitatē probleumatis.

Cigesimalium tertium Probleuma.

Blatis duabus stellis aut duobus punctis celi possint ne mō p̄dicto cōiungi infra diē vnuz naturalē percurtari. Scito primū virtusq; stelle declinationez ac ascensionē rectā: deinde subtrahē ascensionē rectā vnus earū ab ascensionē rectā alterius z relinquet d̄ria h̄mōi ascensionum rectaz quā vocabimus interuallū equinoctiale id autē interuallū minus esse debet semicirculo. **N**am si maior eueniret conuersim agendū esset minuēdo videlicet ascensionē a qua prius facta fuit subtrahēdo ex reliqua accomdato integro circulo si opus fuerit: si autē huiusmodi interualluz semicirculo equale esset stelle propofite nequaq; mō p̄dicto cōiungi possent. **C**ōsidera demū vtra stellarū prior ad meridianū perueniat qđ per ascensiones eaz rectas facile cōiici es: eam etenim precedentem appellabimus: reliquā autē sequentem. **H**ecere sciendum vtra earū polo boreali vicinior existat: qđ qdem ex declinationibus earū addisces. **N**am si equales z ad eandem partē equatoris habuerint declinationes non erit earū cōiunctio possibilis: nisi ēt simul scđm longitudinē zodiaci coniungantur: qđ genus cōiunctionuz in presentiarū nobis nō est cure. **H**is ergo sic prestitis quere vtriusq; stelle declinationez in latere sinistro tabule positionis ad regionem tuā factam notando etiam partem declinationis vtriusq; primo quidem supra terrā: deinde autem sub terra z ex directo vtriusq; declinationis percurrē oēs numeros distantiaz a meridiano vsq; ad finem tabule. **N**ā si sub vna z eadem declinatione poli duas distantias a meridie inueneris quarū differētia

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equalis fuerit intervallo equinoctiali superius seruato: possibilis erit dictarum stellarum
 coniunctio. Item si inuenieris duas huiusmodi a meridie distantias minus dicto inter-
 uallo equinoctiali differentes & alias duas predictis immedias plus eo intervallo dif-
 ferentes iterum possibilitate coniunctionis predicabis. Ut autem scias in qua parte celi co-
 iunctio talis eueniet illud accipe argumentum. Quando stella precedens meridionalior
 est sequente & pars declinationis accepta est supra terram memorata coniunctio erit in quar-
 ta orientali supraterranea. Si vero precedens stella septentrionalior existit in quarta oc-
 cidentali supraterranea coniunctionem euenire necesse est. Si autem partem declinatio-
 nis sub terra acceperis & stella precedens septentrionalior fuerit quarta occidentalis sub-
 terranea ipsam coniunctionem habebit: parte item declinationis sub terra si fueris vsus &
 stella precedens meridionalior extiterit in quarta orientali subterranea proculdubio ta-
 li coniunctioni locus vendicabitur. Horam preterea memorate coniunctionis operepre-
 cium est agnoscere: per distantiam igitur vtriusvis stellae a meridiano ac ascensione eius
 rectam: ascensione quoque recta medij celi cognosces: ex qua demum & ascensione solis recta
 decimonono problemate dirigente horas a meridie vsque ad instans dicte coniunctionis
 exactas docte computabis. Elevationem poli autem borealis supra circulum positionis in qua
 stellas ipsas coniungi oportebit directe supra distantias stellae a meridiano in fronte tabule of-
 fendes. Quod si vnus quidem excessus distantiae a meridiano minor fuerit intervallo equino-
 ctiali supradicto: alter autem maior eoz: atque idcirco coniunctio stellarum possibilis vti paulo an-
 te recitauimus. Noluerisque scire elevationem poli borealis supra circulum positionis in quo
 coniungitur: subtrahere minorem excessum distantiae a maiore excessu distantiarum a meri-
 die & residuum voca numerum primum. Deinde excessum distantiarum reperitarum sub
 minore elevatione poli: confer ad sepedictum intervallum equinoctiale: differentiamque eoz
 pro numero secundo statue: tertius autem numerus in hoc negotio semper erit sexage-
 narius minorum: duc itaque secundum in tertium & productum partire per primum nota-
 ta diligenter denominatione quae admodum in alijs similibus operationibus fieri solet: eri-
 bit enim numerus minorum ad elevationem poli minorem addendorum hoc pacto eleua-
 tionem poli supra circulum positionis stellas ipsas coniungentem rationabiliter computa-
 bis. Distantiam autem vtriusvis stellarum a meridiano pro instanti talis coniunctionis hac
 lege scrutaberis: vide quantum duabus distantijs proximis alterius duarum stellarum in-
 terest: distantijs inquam quas ante hoc contractauimus. Acceperisque partem proportio-
 nalem de differentia earum secundum proportionem minorum elevationis poli nuperri-
 me inuentorum ad .60. adicias prime distantie a meridiano si minorem secunda offende-
 ris aut ab ea minue si maiorem quicquid enim congregabitur vel relinquetur prout res
 ipsa postulat distantiam stelle a meridiano pro instanti coniunctionis patefaciet: voco au-
 tem primam distantiam a meridiano eam que sese lectori prius offert a latere sinistro ta-
 bule dextram versus eunti: que videlicet elevationem poli minorem supra se habet. **E**xem-
 pli gratia habeat stella quarta .2. gradus virginis cum latitudine meridionali .3. gradu-
 um alia autem in fine quarti gradus virginis reperiatur cum latitudine septentrionali
 vnus gradus. Sol vero .7. graduum caeri obtineat volo explorare an dicte stelle possint
 coniungi infra diem naturalem in regione habente latitudinem .48. graduum. & sic con-
 iungentur qua hora id futurum sit: prima stella per primum problema habet declinatio-
 nem septentrionalem .11. graduum. Item per tertium problema prima habet ascensionem rectam.
 152. graduum & .55. minorum: secunda autem .156. graduum & .16. minorum subtrahito itaque altera di-
 ctarum ascensionum ab altera minore scilicet a maiore & relinquuntur .3. gradus cum .21. minutis

quos appello interuallum equinoctiale. Cum autem ascensio recta primae stelle sit minor ascensione recta secundae stelle: necesse est primam stellam prius peruenire ad meridia- num quā secundam: primam ergo vocabo precedentem et secundam sequentem: est au- tem precedens stella meridionalior sequente id est minus distat a polo australi quā secun- da: cum declinatio eius septentrionalis minor sit declinatione septentrionali sequentis stelle. Quero itaque declinationes dictarum stellarum in latere sinistro tabulae positio- num ad. 48. gradus latitudinis ac si stelle sint supra terram et ex directo earum trans- currendo binas earum a meridie distantias sub elevatione poli. 46. graduum reperio distantiam precedentis a meridie. 77. graduum et. 10. minorum distantiam autem sequentis. 80. graduum et. 25. minorum harum distantiarum excessus est. 3. gradus et. 15. minuta qui si fuisset gradus tres. 21. minuta iam concluderetur possibilitas con- iunctionis future in circulo supra quem polus eleuatur 46. gradibus. Sed quoniam dictus excessus minor est interuallo equinoctiali transeo ad sequentes duas distantias quarum vna scilicet stelle precedentis est. 83. gradus et. 35. minuta. Alia autem stel- le sequentis est. 86. gradus et. 57. minuta excessus harum distantiarum est. 3. gradus et. 22. minuta: maior videlicet interuallo equinoctiali: quare concludo stellas memoratas coniunctum iri. Cum autem precedens stella meridionalior sit stella sequente et decli- nationes accepte sunt ac si stella supra terram ex istant: coniunctio earum erit in quar- ta orientali supra terram. Et autem instans coniunctionis mihi innotescat prius inue- nio elevationem poli supra circulum positionis in quo coniungentur hoc pacto. Exces- sus primarum distantiarum est. 3. gradus et. 15. minuta: excessus autem secundarum est. 3. gradus et. 22. minuta quorum differentia scilicet. 7. minuta statuo pro primo numero. Item excessum primarum distantiarum minuo ex interuallo equinoctiali et relinquo- tur. 6. minuta pro secundo numero: tertius autem semper est. 60. minuta duco secundum in tertium producuntur. 360. secunda que diuido per. 7. minuta et exeunt. 51. minuta fe- re addenda. 46. gradibus et. 51. minutis elevationis poli que ponitur directe supra pri- mas distantias. Sic ergo comprehendo quod polus borealis eleuatur. 46. gradibus et. 51. minutis supra circulum positionis in quo coniunguntur memoratae stelle: deinde subtraho primam distantiam stelle precedentis a secunda eius distantia et remanent. 6. gradus cum. 25. minutis quarum pars proportionis secundum proportionem. 51. mi- nutorum ad. 60. est. 5. gradus et. 27. minuta eam partem proportionalem addo distan- tie stelle precedentis resultant. 81. gradus et. 37. minuta: tantamque dico esse distantiam stelle precedentis a meridie pro instanti coniunctionis ipsarum stellarum: quam distan- tiam demo ex ascensione recta stelle precedentis et relinquitur ascensio recta medij ce- li. 70. graduum et. 18. minorum: ascensio autem recta solis est. 97. gradus et. 38. mi- nuta quam demo ex ascensione recta medij celi accommodatis. 360. gradibus et rema- net elongatio solis a meridie. 332. graduum et. 40. minorum qua diuisa per. 15. exe- unt. 22. hore et. 11. minuta quibus a meridie transactis talem coniunctionem fieri ne- cesse est. Hoc autem pro corollario tenendum est quod quelibet due stelle propostae aut pe- nitus non coniungentur modo predicto aut bis coniungentur infra diem vnum natu- ralem. Semel quidem supra terram et semel sub terra. vnde si cum declinationibus assumptarum stellarum ingressus fueris tabulam ac si stelle sint sub orizonte reperies quod ipse coniungentur sub terra in circulo supra quem polus eleuatur. 46. gradibus et. 51. minutis quemadmodum iam pridem accidebat.

CCXgesimumquartum Problema.

DBV



Alio quocunq; ascendente in orizonte quolibet reliquarum domorum initia artificialiter elicere. Superius traditum est quo pacto .12. celi domicilia rationabiliter constituentur sumpto exordio ab angulo medijs celis ibi enim per additionem continuam trigenorum graduum ad ascensiones rectas medijs celi ascensiones obliquas in reliquarum domorum respondentes ac eundem per tabulas singulis domibus appropriatas ipsarum domorum principia didicimus: hic autem dato ascendente ex tabula regionis per septimum problema ascensiones eius obliquas hauriemus a quibus si .30. gradus reiecerimus ascensio obliqua initio .12. domus debita relinquetur. Item ab eadem ascensione obliqua duodecime domus .30. gradus abiecti ascensionem obliquam undecime domui pertinentem relinquent q; si adhuc .30. gradus deimpseris ascensionem rectam medijs celi residuam conspicias. Atq; trigenerum graduum additione continua super ascensiones obliquas ascendentes prime & secunde domorum oblique ascensiones conflari solent. Super vacaneum autem videtur denuo mouere quo pacto prefatarum domorum principia per ascensiones suas obliquas inuestigentur cum ante hac in quartodecimo problemate id satis explanatum sit: quis uis itaq; memorati negocij gratia presens problema edidisse videamur tenore uerborum id persuadente longe tamen spectabiliozem metam cursui nostro obiectare arbitrati sumus: que ut cognitiu facilius reddatur paulo distantius ordiendum est. Solent egregij astroz iudices uitam parentum ex genitura filij primogeniti & contra diuidicare statuendo uidelicet locum solis quidem in natiuitate diurna filij: locum autem saturni in nocturna tanquaz ascendantem patris: itemq; locum ueneris quidem in genitura diurna lune autem locum in nocturna pro ascendente matris huic omnium domorum celi eliciunt ordinem: accidentiaq; parentibus obuentura pronunciant. Non aliter faciunt pro moribus fratrum filioz uxoriz amicorum ac inimicorum discernendum ponendo uidelicet singulorum significatores pro ascendente que res quanti sit momenti uix paucis dare possemus: id ergo aliunde petendum silentio preterimus ad ceptum negocium principali descenduri. Cum itaq; figuram patris uerbi gratia erigere uolueris & sol(nascente filio) iuit in ascendente: non erit figura patris diuersa a figura filij. Si autem sol in meridiano extiterit adde ascensioni recte solis .30. gradus & habebis ascensionem rectam principij secunde domus pro figura patris. Item ascensionem recte secunde domus adde .30. gradus & congregabitur ascensio recta principio tertie domus debita. Similiter per additionem continuam trigenorum graduum habebis ascensiones rectas quarte domorum quinte & sexte unde per quintum problema principia dictarum domorum & deinde domorum oppositarum cognosces. Sole autem in angulo occidentis constituto cuspidis domorum in figura patris non different a cuspidibus domorum filij uerum aliud erit principium numerationis domorum: septima enim filij erit prima patris: octaua autem filij pro secunda patris accipietur & ita de reliquis ex ordine. Quod si sol in genitura filij angulum terre occupauerit non aliter q; si in medio celi esset operabimur. Significatoze autem paterno nullum dictorum angulorum tenente: eleuationem poli borealis supra circulum positionis in quo iacet significator: qui circulus orizon etiam significatozis appellabitur per uigesimum problema addifcas & si fuerit dictus significator in medietate celi orientali secundum orizontem regionis quere ascensionem obliquam eius in orizonte suo per septimum problema. Item numeros polares domozum ad eundem orizontem quibus rebus comprehendis per ea que in principio presentis documenti exposuimus. 12. celi domos artificiose

constitues. Si autem significator patris fuerit in medietate celi occidentali: accepta elevatione poli supra orizontem eius: numerisq; polaribus domorum inuentis ad eundem orizontem: quere descensionem eius obliquam ad orizontem suum. Deinde autem non aliter procede q̄ ante hac de sole precepimus quādo in occidentali orizonte filij ponebatur. Admemento tamen exposita hactenus duntaxat veritatem tenere quando significator huiusmodi latitudine proxius caret: nam si latitudinem quantūcūq; haberet inuenta elevatione poli supra circulum positionis sue aut orizontem suum quere punctum cum quo oritur in eodem suo orizonte si fuerit in medietate orientali: aut punctum cum quo occidit in orizonte suo si fuerit in medietate celi occidentali: deinde cum illis punctis ecliptice procedas quemadmodum antea fecisti cum significatore non habente latitudinem. **C**on exemplo sit genitura alicuius filij primogeniti. 23. horis 7. 29. minutis a meridie transactis sc̄dm dies equatios in regione habente latitudinem. 48. graduum sole existente in fine. 26. gradus cancri: volo constituere locum solis pro ascendente patris 7. exinde totam domorum figuram elicere subtrahō. 23. horas 7. 29. minuta a. 24. horis remanent. 31. minuta vnius hore que equipolent. 7. gradibus 7. 45. minutis equatoris aut paralleli solis: quare dico solem distare a meridiano versus orientem. 7. gradibus 7. 45. minutis. Declinatio autem solis septentrionalis erit. 21. graduum cum 7. qua predicta distantia solis a meridiano ingredior tabulam positionis ad. 48. gradus latitudinis 7. secundum documentum. 20. problematis inuenio elevationem poli borealis supra circulum positionis solis. 6. graduum: eo autem circulo positionis detineo vsq; tanq; orizonte regionis habentis latitudinem. 6. graduum. Intro igitur tabellam domorum rationalem cum. 6. gradibus elevationis poli 7. ex directo eorum inuenio numerum polarem vndecime. 3. graduum: numerum autem polarem duodecime. 5. graduum 7. 11. minutos quorum vice accipiam. 5. gradus propter breuitatem ascēsis obliqua solis ad latitudinem. 6. graduum est. 115. gradus 7. 42. minuta a qua ascēsis subtrahō. 30. gradus 7. remanent. 85. gradus cum. 42. minutis pro ascēsis obliqua duodecime domus patris: item ex ascēsis obliqua. 12. minuo. 30. gradus remanent. 55. gradus 7. 42. minuta pro ascēsis obliqua vndecime a qua demum subtractis. 30. remanent. 25. gradus cum. 42. minutis pro ascēsis recta decime domus. Rursus per continuam additionem trigenorum graduum ad ascensionem obliquam ascendentis scilicet loci solis elicio ascensionem obliquam. 2. domus. 145. graduum 7. 42. minutos: ascensionem autem obliquam. 3. domus. 17. graduum 7. 42. minutos. Ex illis autem ascensionibus inuenio cuspidēs dictarum domorum eiusq; diametraliter positurus quē admodum in. 14. problemate traditum est: decime quidem. 27. gradus 7. 41. minuta arietis: vndecime autem. 29. gradus cum. 2. minutis tauri: duodecime. 28. gradus 7. 4. minuta geminorum: secundum. 24. gradus 7. 35. minuta leonis: tertie vero. 25. gradus 7. 24. minuta virginis.

Cuagesimumquintum **P**roblema.

Significatorum quemlibet ad locum propositum quemcūq; sc̄dm signorum consequentiam artificialiter dirigere. Nusquam ad operationem descenditur: nonnulla vocabula presentis negocij diffinienda sunt. Dirigere non est aliud q̄ mouere speram donec locus secundus traducitur ad situm primi: id autem tunc accideat proloqueus clarissimus asserit quando locus secundus perducitur ad circulum in quo iacuit locus primus aut e contra locus primus trāsfertur ad circulum in quo ponebatur locus secundus. Circulum dico coincidente 7. meridiano 7. orizonti in vtraq;

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eorum cōmuni sectione quem superius circuitum positionis appellare libuit. **Locus** autē primus uoco eum cuius noticia prior in mentem uenit aut quem dirigere iubeo. **Locus** uero secundus est is ad quem dirigitur primus: locus primus plerunq; uocari solet significator: quod alicuius rei habitudinem in celo representat: locus autem secundus non in iuria promissor appellatur quod futurum aliquod accidens siue bonum siue malum portendat. **Significator** itaq; habet uicem subiecti recepturi aliquid a promissore in certo tēpore cuius quidē temporis quantitatem directio metiri solet quemadmodū iudicib; placet. **Directio** autem est motus primi mobilis quo uidelicet significator traducitur ad situm promissoris aut econtra solet tamen ut plurimum accipi directio pro arcu equatoris qui coascendit uel condescendit interuallo quod est inter significatorem et promissorē respectu circuli positionis: in quo alter eorū iacet: unde et dirigere tunc dicimur quando huiusmodi arcum docte numerabimus. **Duplicem** autē et directionem distinguere solent astrologi: quāz una quidem uocatur directio directa in qua uidelicet locus secundus id est promissor intelligitur transferri ad situm primi id est significatoris. **Dicitur** etiam directio scđm signozum successionem. **Alia** autē uocatur conuersa aut contra successionem signozum in qua locus primus intelligitur transferri ad locum secundum: hac secunda directione utuntur iudices pro parte fortune ac alijs partibus et pro planetis retrogradis. **Quando** igitur significator in meridiano constituitur siue supra terrā siue sub terra subtrahē ascensionē eius rectas ab ascensionibus rectis promissoris accommodato intergro circulo. 360. graduū si opus fuerit et relinquetur directio significatoris quesita. **Si** autem fuerit in ascendente minue ascensionē eius obliquam ex ascensione obliqua promissoris: sic enim reliqua manebit directio significatoris quesita: nō aliter operaberis per descensionē si significator fuerit in occidente: subtracta enim descensione obliqua significatoris a descensione obliqua promissoris relinquetur directio quesita. **Uex** si significator non fuerit in aliquo dictozum angulozum per. 19. problema scias distantiaz eius ab angulo medi; celi si fuerit supra terrā: aut ab angulo terre si sub terra extiterit. **Deinde** per 20. problema eleuationem poli borealis supra orizontem significatoris: aut circuli positionis addiscas: postea ad eandem eleuationē poli cōputa ascensioē obliquam significatoris per septimū quidem problema si latitudine caruerit significator ipse: per decimum autem si quam habuerit latitudinē similiter ab eandem eleuationē poli ascensio obliqua promissoris inueniatur: demptaq; ascensione obliqua significatoris ex ascensioē obliqua promissoris residuum numerabit directionem quesitam. **Si** autem significator fuerit in parte occidentali celi descensio obliqua significatoris ad eandem eleuationem poli supra circulum positionis accepta: per octauū quidem problema si nullam habuerit latitudinem: per undecimū autem si quam habuerit latitudinem: descensio inquam minuēda est ex ascensione obliqua promissoris eodem modo accepta: sic enim relinquetur directio quam querebas. **Nulla** prorsus exemplari cōputatione hic est opus si ea que circa ascensionē ac descensionē iam dudum monuimus et operati sumus recte didicisti.

Cogitandum est in Problema.

Quo pacto significator quispiam contra signozum successionem dirigendus sit lucubrare. **Directio** significatoris cuiuspiam contra signozum successionē similis est directioni scđm signozum consequentiam: hoc uno cōsiderato q; ascensionē et descensionē accipiantur scđm positionē promissoris et nō significatoris ac si promissor dirigendus esset ad locū significatoris: sic enim subtrahemus ascensionē rectas promissoris ab ascensionibus rectis significatoris si in meridiano constitutus fuerit

promissor: ascensiones autem obliquas promissoris ad latitudinem regionis sumptas ab ascensionibus obliquis significatoris si promissor in ascendente iacuerit: aut descensiones huius a descendentibus illius si angulus occidentis tenuerit promissor: et relinquatur directio expectata. Quod si nullus dictorum angulorum promissoris habuerit in uetera poli elevatione poli borealis supra circulum positionis sue subtrahemus ascensiones obliquas ipsius ad eandem poli elevationem sumptas ab ascensionibus obliquis significatoris si in medietate orientali fuerit promissor: aut descensiones eius obliquas a descensionibus obliquis significatoris ad eandem poli elevationem acceptis accomodato integro circulo. 360 graduum quotiens opus fuerit: quod enim relinquatur directionem ostendit quesitam.

Cicesimus septimum Problema.



Ad quem locum zodiaci directio significatoris cuiuspiam secundum signorum successionem perueniat in aliquo anno proposito inuestigare. Si in radice natiuitatis vel alterius principij fuerit significator in meridiano siue supra terram siue sub terra significator recte eius ad de numerum annorum transactorum ab instanti tali radice id est pro quolibet anno exacto unum gradum equatoris directio ascensionis recte adicias et aggregati tanquam ascensionis recte quere arcum ecliptice recte cuius integro circulo si opus fuerit: directio enim significatoris memorati in anno sequenti eos annos quorum numerus additus est ascensionis recte prefate perueniet ad gradum qui sequitur in medietate arcus ecliptice iam inuentum. Si autem significator fuerit in ascendente numerum annorum transactorum ad de ascensionem oblique significatoris ad regionem propositam: aggregatum enim erit ascensio obliqua cuiusdam arcus ecliptice cui immediate annectitur gradus ad quem perueniet directio. Cum igitur arcus ecliptice per tabulam regionis agnoscas: non aliter operaberis per descensiones significatoris si in occidente extiterit: numero enim annorum adiecto descensionibus obliquis significatoris prodibit descensio obliqua arcus ecliptice terminali ad gradum directionis quesitum. Et si significator extra angulos dictos repertus fuerit: cognoscenda est eleuatio poli borealis supra circulum positionis aut horizontem eius: deinde ascensionibus obliquis eius ad horizontem eundem addatur numerus annorum propositorum: si in medietate orientali inaserit significatoris aut descensionibus eius in eodem horizonte si in occidentali parte celi iacuerit: hoc enim pacto constabis vel ascensionem aliquam: vel descensionem arcus ecliptice quem immediate sequitur gradus directionis quesitus: huiusmodi autem arcum ecliptice per tabulam horizontis significatoris seruientem: ac deinde gradum ad quem perueniet directio facile concludes.

Cicesimum octauum Problema.

No pertingat directio significatoris propositi contra successione signorum in anno quocumque explorare. Cognitio prius arcu semidiurno significatoris cum arcu seminocturno per duodecim problema: subtrahere numerum annorum exactorum ab ascensione recta significatoris: itemque residuum ab ascensione recta medij celi accomodato integro circulo ubi opus fuerit et relictum numerabit elongationem significatoris a meridie quam habet dum positio sua similis est positioni promissoris id est gradus quesiti: huiusmodi igitur elongationem si minor fuerit arcu semidiurno si significatoris pro distantia a meridiano superaterranea occidentali tenebis: si uero maior arcu semidiurno significatoris fuerit: minor tamen semicirculo ea ex semicirculo deme et relinquatur distantia significatoris a meridiano subterranea occidentali: at si maior fuerit semicirculo: semicirculus ex ea minuatur et residuum si minus arcu seminocturno extiterit pro distantia a meridiano subterranea orientali computetur: si autem arcum seminocturnum excedat

ferit dempto eo ex semicirculo quod relinquetur distantia a meridiano supraterranes
 orientalis nuncupabitur. Nam igitur cum declinatione significatoris & distantia a mer-
 ridiano per vigesimum problema elevationem poli borealis supra circulum positio-
 nis addisce: ac deinde ascensionem obliquam significatoris per septimum quidem pro-
 bleuma si latitudine caruerit significator: per decimum vero si habuerit latitudinem
 quemadmodum superius explanatum est. si saltem memorata distantia a meridiano fue-
 rit orientalis: ex hac demum ascensione obliqua minue numerum annorum ab instan-
 ti radice transactoris: & residuo tanquam ascensioni oblique congruentem arcum eclyp-
 ptice elicias per nonum problema. Nam ad gradum finalem huius arcus eclyp-
 tice perueniet directio significatoris in anno proposito. Si autem sepe nominata distan-
 tia a meridiano fuerit occidentalis accipe descensionem obliquam significatoris: per
 octauum quidem problema si latitudine caruerit: per vndecimum autem si latitudi-
 nem quantancunq; habuerit: ex qua deniq; ascensione obliqua minue numerum an-
 norum extractorum a tempore radice vsq; ad annum propositum exclusiue: & residuum
 erit ascensio quedam aliqua cui per nonum problema arcum eclypice elicias: nam
 gradus eius terminalis erit locus directionis quem petebas. In exeplo habeat pars
 fortune .25. gradus virginis in genitura cuiusdam hominis ad latitudinem .48. gra-
 duum: medium autem celi sit finis .25. graduum & .30. minorum cancri: volo experi-
 ri quonam peruentura sit directio partis fortune in anno vigesimoquinto etatis: inue-
 nio arcum semidiurnum significatoris .92. graduum & .13. minorum: arcum autem
 semiocturnum .87. graduum & .47. minorum. Item ascensionem rectam signifi-
 catoris .175. graduum & .25. minorum: ascensionem autem rectam medij celi .117.
 graduum & .28. minorum: ex ascensione igitur rectam significatoris demo .24. gra-
 dus pro .24. annis transactis ab instanti geniture & relinquantur .151. gradus cum
 25. minutis quos demum subtraho ascensione recta medij celi: coassumptis .360. gra-
 dibus & remanet elongatio significatoris a meridie .326. graduum & .3. minorum:
 dum scilicet est in situ promissoris: ex hac demum elongatione minuo .180. gradus re-
 linquitur numerus .146. graduum & .3. minorum: qui cum sit maior arcu semino-
 cturno necesse est significatorem esse supra terram in quarta orientali: dum videlicet est
 in circulo positionis promissoris quare subtraho .146. gradus & .3. minuta a semicir-
 culo .180. graduum vt relinquetur distantia significatoris a meridiano dum est in si-
 tu promissoris: que quide distantia erit supraterranea orientalis: significator deniq; ha-
 bet declinationem septentrionalem .2. graduum cum qua & predicta distantia eius a me-
 ridiano intro tabulam positionum ad .48. gradus latitudinis & directe supra distantiaz
 memoratam in fronte tabule inuenio .31. gradus vnde certior fio qd polus borealis eleua-
 tur .31. gradibus supra circulum positionis aut orizontem significatoris dum est in si-
 tu promissoris: quare per tabulam ascensionum obliquarum subiectam .31. gradibus
 computo ascensionem obliquam significatoris .173. graduum & .12. minorum: ex
 qua minuo .24. gradus pro .24. annis transactis ab hora geniture relinquantur.
 149. gradus cum .12. minutis & tanta est ascensio obliqua loci ad quem perueniet dire-
 ctio cui ascensioni per tabulam .31. graduum elevationis poli respondent .3. gradus &
 30. minuta virginis. Directio igitur perueniet in anno vigesimoquinto ad quartum
 gradum virginis quod erat exponendum.

Clagesimum nonum **P**roblema.

Tabulam positionum generalem pro quacumq; latitudine a .35. gradibus ad
 60. inclusive artificialiter componere: secumque quattuor huiusmodi tabularum
 positionum particulares: vna quidem pro latitudine .42. graduum: aliam
 pro latitudine .45. tertiam pro latitudine .48. et quartam pro latitudine .51.
 graduum tanq; suffecturas nobis ac alijs viris studiosis artis nostre amatoribus. Quis-
 vis autem saltem fecerimus per trinos gradus ita q; binis gradibus medijs proprias
 tabulas non constituerimus licebit tamen vti tabula quapiam: principaliter quidem et
 condigne pro latitudine cui inscribitur: rationabiliter autem et prope verum pro dua-
 bus latitudinibus collateralibus: quarum vna quidem proximo minor est latitudine ta-
 bulam propriam habente: alia autem proximo maior ea sic tabula latitudini .42. gra-
 duum inscripta duabus etiam latitudinibus .41. et .43. graduum haud inique accomo-
 dabitur: tabula deniq; pro .51. gradibus contexta .50. et .52. gradibus seruet: non aliter
 de duabus reliquis intelligendum est quo circa ad latitudines .42. graduum conti-
 nue sese sequentium memorate quattuor tabule accommodari poterunt: si tamen preci-
 sius per has etiaz quattuor tabulas operari volueris latitudine tue regionis propriam
 tabulam non habente: accipe primo elevationem poli supra circulum positionis ve-
 luti iam dudum precepimus per tabulam latitudinis proximo minoris tua latitudine:
 dedinde similiter accipe elevationem huiusmodi per tabulam latitudinis proximo ma-
 ioris: nam tertia pars differentie duarum elevationum hoc pacto inuentarum vni gra-
 du latitudinis respondebit: eam itaq; partem semel accipe pro vno gradu superfluo
 vltra numerū latitudinis minoris: bis aut ē pro duobus. Si oem minuta iuxta gra-
 dus integros facuerint: accipe partem proportionalem de tertia parte predicta secu-
 dum proportionem minorum residuorum ad .60. quam adde portioni vnus gradus
 aut duorum iam pridem inuente: aut eam solam tene si nullus gradus sed minuta dū-
 taxat vltra latitudinem minorem abundauerint: et habebis portionem respondentem
 superfluo latitudinis tue vltra latitudines minorem: eam portionem adde elevationi poli
 prime si ipsa minor fuerit secunda: aut ab ea subtrahere si ipsa excesserit secundam: et re-
 sultabit eleuatio poli supra circulum positionis quam querebas. Quod si operatio talis vel
 scrupulosa vel minus tocunda videtur poteris exarare nouam ac propriam tabulam
 latitudini tue. Huius enim rei gratia tabula positionum generalem conscripsimus a .35.
 gradibus latitudinis incipientē et ad .60. desinentem. Si aut ad latitudinem quapiam in-
 feriozem .35. gradibus aut superiozem .60. gradibus ad ipsum libeat efficere. scdm pro-
 bleumati almaiefti consulendus est vbi exactissime docetur quo pacto et generalis posi-
 tionū tabula et particularis cōponi debeant. In huius aut tabule generalis latere sinistro
 ponuntur numeri eleuationū poli supra circulos positionum: sed in fronte eius latitudi-
 nes regionum a triginta quinque gradibus vsq; ad sexaginta querende sunt: arca aut ta-
 bule arcus equatoris meridiano et circulis positionum interceptos completitur. Conde-
 eurus igitur tabulā positionum particularem scribe primo sinistra versus duos ordines
 declinationum: primū quidem declinationis septentrionalis a .32. incipientem ad nihilq;
 desinentē: stella .n. in equatore existens nullā habet declinationē: scdm aut ordinē decli-
 nationis meridiane ex vno quidem gradu nascentē et ad .32. finientem. In altero eni ho-
 rum ordinū queri debet declinatio stelle quemadmodū superius traditū est. In capite
 aut exarande tabule scribe numeros eleuationū poli ab vno quidem incitū sumētes ad la-
 titudinem aut regionis tue desinentes. Deinde intra tabulā generalē cum eleuatione poli
 vnus gradus et ex directo eius sub latitudine regionis tue offēdas arcū quēdā equatoris

quem ad de singulis numeris in tabula differentiarum ascensionaliū reperitis sub elevatione poli vnus gradus incipiendo iuxta .32. gradus declinationis & aggregata huiusmodi per ordinē scribe in arca tabule cōtexende sub elevatione poli vnus gradus initium videlicet statuendo iuxta .32. gradus declinationis. In fine aut huius ordinis scribe predictum arcū equatoris solitariū. Sic primus ordinē septentrionalē vnus gradus absolutū habebis: postea ab arcu equatoris memorato subtrahē singulas differentias ascensionū predictas incipiendo iuxta declinationē vnus gradus. Et residua scribe iterum in arca tabule exarēde sub elevatione poli vnus gradus: initium sumēdo apud declinationem vni^o gradus: hoc itaq; pacto primus ordo meridionalis vnus gradus cōstituetur. Nō aut aliter procedes ad descriptionē duoz ordinū quos requirit eleuatio poli duoz gradū sumpto enim arcu equatoris p tabulaz generalē ex directo duoz gradū lateris finitū sub latitudine videlicet regionis tue cū arcū ad de singulis differentiis ascensionū sub elevatione poli duoz gradū positus & summas aditionū scribe in arca tabule cōponēde sub eleuationi poli duoz gradū incipiēdo itez apud .32. gradus declinationis septentrionalis: in fine aut huius ordinis arcū equatoris quē addidisti pone solū: sicq; habebis ordinē scđm declinationis septentrionalis. Et eodē insuper arcu equatoris deme singulas differentias ascensionū predictas sub eleuatione poli duoz gradū inuentas: & residua scribe itez in arca tabule condēde sub eleuatione poli duoz gradū: incipiendo iuxta declinationē vnus gradus hoc etenim precepto scđm ordinē declinationis meridiane cōstitues: pariformiter ceteros ordines & tandē integram tabulā positionū regionis tue absolues. Exemplū aut hīc nullum expectandū est cum ante oculos habeas tabulā positionū generalē & quattuor tabulas positionū pculares cōstituere poteris. Absolutem igitur habes artē directionū cuius gratia potissimū hoc scribendi officii assumpsimus. Nūc de aspectibus quoq; & radiationibus differendū videtur queres non mō ad directiones pertinet: vtz et ad projectiones significatorū quā ob rem prius de profectionib; pauca quedā exponuntur de hīc ad aspectus & radiationes calamum vertemus.

Trigesimum Problema.

Quo pertingat profectio significatoris cuiuspiam in tempore aliquo dato explorare. Profectio est equalis quedā aut regularis incessio significatoris scđm signozum zodiaci consequentiā. Tripliciter aut proficiscuntur significatores geniture cuiuslibet: vti placet ptolemeo circa finē quadripartiti sui per annos videlicet menses & dies. In profectione annua vnicuiq; anno solari tribuitur signum vnū & si genitura quepiā habet in ascendente signum arietis: secundus annus habebit signū tauri: tertius signum geminorum & sic consequenter per ordinem annozum & signozum vsq; ad .12. annum: tertiusdecimus itez annus habebit arietem. Initia autē annozum sumuntur a reditu solis ad eum locū in quo erat tempore geniture qui ob eam rem anni solares nūcupantur. In principiis vero omnium annozum ac mensum gradus omnium signozum profectionis equalis esse oportet: vnde si tertius arietis ascenderet in genitura quapiā ascēdēs proficisceretur ad tertium tauri in secūdo anno & ita de ceteris. In profectione aut mensurnā vnicuiq; mensi profectionali datur signū vnū ita qd signū profectionis annue sit signū primi mēsis eiusdē anni quāobz annus solaris in tredecim pres equalis diuidēdus est: quaz vnaqueq; vocabitur mēsis pfectioalis. In pfectione aut diurne duobus diebus tribus horis & .52. minutis fere datur signū vnū ita qd mēsis pfectionalis sub diuiditur in .13. partes equalis. Sic enim in principiis mensū profectionaliū idem erit ignū mensurne. De profectione itaq; annua hoc breue accipias diuiso numero annozum

transacto:um a tempore geniture per .12. z residuo computato a signo radicitis per duceris ad signu3 profectionis anni propositi. Quo aut pertingat profectio mensurna ad qd, cunq3 tempus propositu in aliquo anno sic intelliges: primo scias quantu tempus effluerit ab initio anni solaris currentis anni scilicet reuolutionis geniture vsq3 ad tempus propositu3 quod computabis hoc pacto vide quantu tempus preterit ab initio mensis vsualis in quo sit reuolutio natiuitatis vsq3 ad principium anni solaris aut reuolutionis z numeru dieru cum horis z minutis ad de numero dieru reperto iuxta mensum vsuale immediate precedentem in tabella mensum vsualiu. In prima quidem si fuerit annus communis. In secunda aut si bisextilis extiterit hoc tempus serua per totu annum solare. Similiter addisce quantu tempus effluerit ab initio anni romanoz vsq3 ad tempus propositum dempto itaq3 tempore prius seruato z sa nunc tempore inuento relinquet tempus transfactum ab initio anni solaris vsq3 ad tempus propositu3. Illud tempus quere in tabula mensum profectionalium veluti fieri solet quando per mediu motu cuiuscunq3 planete queritur tempus ei motui respondens: si enim precise inuenieris in tabella predicta dies tuos cum horis z minutis: linea numerum ostendet numeru mensum profectionalium transactoz ab initio anni solaris currentis. Si aut non inuenieris precise apud dies proximo pauciores habebis menses exactos: veru tamen dies huiusmodi pauciores demendi sunt ex diebus tuis quos in tabula mittere voluisti z relinquentur dies superflui cum horis z minutis: dabis itaq3 cui liber mensi profectionali signu vnum incipiendo a signo profectionis annue: dies autem superfluos cum horis z minutis in tabulaz profectionis mensurne z ex directo vt fieri solet in medijs motibus computandis) habebis gradus cum minutis addendos signis z gradibus prius notatis sicq3 per duceris ad locum zodiaci quo pueniet profectio in fine totius temporis transacti q3 si modo predicto cum diebus superfluis ingressus fueris tabula profectionis diurne: elicies numerum signo z z graduu computandoru3 a signo profectionis mensurne vt per ducaris ad locum profectionis. **C**uicueris aut si qua suspicio fuerit alicuius futuris accidenti propter corpus vel radium alicuius stelle z voueris scire quo tempore anni profectio qualiscunq3 illuc perueniat. Cognito intervallo zodiaci quod est a principio signi profectionis annue vsq3 ad locum suspectu inuenies tempus ei respondens quemadmodu3 in opere mediorum motuu fieri solet quando medio motui dato tempus suu3 computare volumus: qd multis moroz. **E**xemplari computatione facilius rem hanc intelliges q3 longa verborum serie. Sit reuolutio alicui natiuitatis. 6. diebus. 5. horis z. 10. minutis marcij completis annis xpi. 1467. currente locus autem solis tempore geniture fuerit in fine vigesimiginti gradus piseum que genitura ponatur fuisse anno xpi. 1438. currere volo inuestigare loca profectionis solis ad. 7. dies iulij completos in anno. 1467. currere. Subtraho. 1438. a. 1467. remanent. 29. anni solares completi quibus diuisis per. 12. relinquuntur. 5. sed quantum signum ab arte est leo. illic ergo scilicet in vigesimo quinto gradu leonis est locus profectionis annue in vltimo dictionu3 annoz quare in anno trigesimo qui incipit. 65. die 5. hora. 10. minuto marcij profectio pertinet ad. 26. virginis: quia iuxta februarium inuento 29. dies quibus addo. 6. 5. 10. marcij colligunt. 65. 5. 10. a principio videlicet anni. 1467. ad initium anni solaris trigesimali. Similiter apud iuniu3 reperio. 181. dies quibus addo 7. dies iulij z resultant. 188. dies a principio anni. 1467. vsq3 ad tempus propositu. Subtraho itaq3. 65. 5. 10. a. 188. z remanent mihi. 122. 8. 50. quos non reperio in tabella mensum profectionalium sed numeru proximo minorem. 1129. 10. 28. subtraho a diebus predictis z relinquuntur. 10. 9. 39. 32. vltra quattuor menses profectionales: mensis ergo quintus

currens habet quintum signum a signo profectionis annue id est capricornum incipiendo a vigesimo sexto gradu eius: postea intro cum diebus superfluis et horis ac minutis horarum accipiendo signa gradus et minuta quemadmodum fieri solet in computationibus meridiorum motuum sic inuenio. 11. 6. 28. quos addo. 25. gradibus capricorni proueniunt. 6. 6. 28. aquarij locus scilicet profectionis mensure ad. 7. dies iulij completos. Similiter cum diebus superfluis intro tabulam profectionis diurne et inuenio. 4. 24. 23. 55. computanda et 25. gradibus capricorni et resultat. 2. 19. 23. 55. profectio igitur diurna conuocans etiam profectionem signorum perueniet in fine. 7. diei iulij ad. 20. graduum geminorum. Verum ut loca profectionum habeantur parata ad singulos dies totius anni sic procedo. subtraho. 5. horas. 10. minuta que erant iuxta dies reuolutionis geniture a. 24. horis remanent 18. 50. quibus intro tabulam profectionis mensure et modo supradicto colligo. 0. 50. 16. 28. illud addo. 25. gradibus leonis resultat. 25. 50. 16. leonis hic est locus profectionis mensure quam vocant etiam profectiones graduum ad meridiem. 7. diei marcij cui loco addo portionem profectionalem vnius diei que est vnus gradus. 4. minuta et. 4. secunda et proueniunt. 26. 54. 20. leonis locus scilicet profectionis ad meridiem diei octauij marcij et sic consequenter vsq; ad finem totius anni. Similiter cum. 18. horis et. 20. minutis per tabulam profectionis diurne inuenio. 10. 53. 34. quos addo. 25. gradibus leonis resultat. 5. 53. 34. virginis locus scilicet profectionis diurne ad meridiem. 7. diei marcij. Deinde per additionem continuam portionis profectionalis diurne que est. 13. 52. 52. loca profectionum diurnarum ad meridies singulorum dierum totius anni constitues quemadmodum autem hucusq; circa solem actum est de reliquis quoq; significatoribus fiet: quoru sunt tandem huiusmodi profectiones tendat et quantam habeant efficaciam alibi satis cõtemplaberis.

Trigesimum primum Problema.



Aspectibus tadem et radiationibus particula quedam subiungere Radiationes a nonnullis perpenduntur scdm equatores circulum quauis diuersimode pleriq; enim per ascensiones rectas locum radiationis inquirunt siue stella radians in meridiano fuerit siue extra eum in quocumq; alio situ: pro radiatione. n. sextilis sinistra ascensionem recte ipsius stelle addunt. 60. gradus et per ascensionem rectam inde resultantem querunt arcum egyptice cuius finem dicunt esse locum radiationis pro radiatione autem sextili dextra subtrahunt. 60. gradus ab ascensione recta stelle et cum residuo ut prius querunt arcum egyptice ad cuius finem radiationem huiusmodi desinere arbitrat. Non aliter faciunt pre ceteris radiationibus addendo vel minuendo interualla vni cuiq; radiationi propria. Alij autem exequuntur id negotium per ascensiones quidam rectas stella meridianum tenente: per obliquas autem ascensiones regionis si in oriente extiterit: aut per descensiones si in occidente. In locis autem medijs si reperta fuerit stella radiationis inquirunt per ascensiones promiscuas ac si velint scrutari locum ad quem pertinet directio stelle proposite. Sunt etiam qui simpliciter considerant radiationes per interualla graduum egyptice. Ioannes autem blachinus in circulo quodam super egypticam inclinato et per centrum stelle habentis latitudinem quatuorq; transeunte accipit interualla radiationum aut aspectum cuius quidem circuli polus vterq; est in circulo latitudinis stelle: ex quibus deniq; interualla loca radiationum in egyptica elicit. Longum esset particulariter explicare predictos modos ac infirmitatem eorum demonstrare quare alibi abundius de his rebus tractare decretum est. Nunc vero breuiter intelligatur fundamentum nostre opinionis: quelibet stella difundit radium suum tam luminis quam qualitatis occulte orbiculariter: cum autem infiniti sint tales radij efficaciores deprehensi sunt quattu

or quorum vnus quidem est latus sexanguli equilateri inscripti circulo per centrum stel-
 le transeunt: alius autem latus quadrati: tertius autem latus trianguli equilateri quar-
 tus vero diameter eiusdem circuli. Quicquid autem hic dicitur de stellis intelligendus
 quoq; est de punctis zodiaci alijsq; punctis in concauo primi mobilis existentibus sub
 quibus stelle ipse reperiuntur. Sermo igitur presens sonabit ac si centra omnium stellarum
 sint in concauo primi mobilis neq; id iniuria cum in eo concauo loca stellarum confide-
 ri sexanguli equilateri circulo magno primi mobilis inscripti eamq; circūduci pūcto ra-
 diante immoto donec ad situm vnde moueri cepit redeat ita tamen q; reliquas linee ter-
 minus semper adhaereat concauo primi mobilis: hoc pacto pūctus terminalis linee me-
 morate in concauo celi describet circūferentiam circuli que si secat eclipticā eam in duo-
 bus punctis secat quorum alterum quidem est ad dextram alteruz autē ad sinistra hęc duo
 puncta sunt loca radiationis sextilis per excellentiam quandam: quibus etiam ad oē pun-
 ctum circūferentie descripte radius dicitur sextilis terminetur. Similiter intelligendum
 est de linea radiationis quadrata ac radiationis triangularis. Cum ergo scire volueris lo-
 cum radiationis sextilis planeta habente latitudinem intra tabellam radiorum cum lati-
 tudine planete et ex directo eius inuenies arcum quandam ecliptice computādum a lo-
 co longitudinis planete scđm successionez quidem signorum pro radiatione sinistra: con-
 tra successionez autē pro radiatione dextra: eum deniq; arcum minue ex 180. gradibus et
 residuum numera a loco longitudinis planete vtrunq; pro radiatione triangulari. Loc^o
 autem radiationis quadratae semper distat a loco longitudinis planete per quadrantem
 ecliptice. Radiatio demū opposita ad terminū diametri definit. De radiationibus itaq;
 ac aspectibus pauca quedā recensere ac tandem presenti negotio finē libuit imponere.

Laudis Deo

Cōstitit preclarum Opus tabularum directionum vna cum tabella sinus recti: Edi-
 tum a clarissimo Joanne de Regiomonte Germano q; diligentissime emendatum atq;
 correctum: Et impressum Venetijs ingenio ac impensa Petri Liechtensteyn Colonien-
 sis: Anno natalis dñi. 1504. Idibus Februarij.

Registrum.

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4 | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 4 | 3 |
| A | B | A | B | C | D | E | F | G | H | I | K | L | M | N | O | P |
|) |) |) |) |) |) |) |) |) |) |) |) |) |) |) |) |) |

Tabule Directionū

profectionūq; famosissimi viri Magistri Joannis
Germani de Regio monte in Patriuitati-
bus multum vtilis: Una cum
Tabella sinus recti.

| | | | | | | | | | | | | | |
|----|---|---|---|---|---|---|---|---|---|---|----|----|----|
| 12 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 0 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 1 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 2 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 3 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 4 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 5 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 6 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 7 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 8 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 10 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 11 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 12 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |

Tabula

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

Declinationum

Latitudo Meridiana

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

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Residua pars

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

Tabule Declinationum

Latitudo Meridiana

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

D A 3

Residua pars

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

Tabule Declinationum

Latitudo Meridiana

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

Esca G. P.

Residua pars

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

Esca Nubra

Tabule Declinationum

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

Refidua pare

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

Tabule Declinationum

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

Rectus pars

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

Tabule Declinationum

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

Tabula declinationum generalis

| B | Arcus | | Nuēr ^o mul | | Arcus | | Nuēr ^o mul | | Arcus | | Nuēr ^o mul | | |
|----|-------|----|-----------------------|--|-------|----|-----------------------|--|-------|----|-----------------------|--|----|
| | γ ♌ | | tiplicādus | | δ ♍ | | tiplicādus | | ε ♋ | | tiplicādus | | |
| | h | m | | | h | m | | | h | m | | | B |
| 0 | 0 | 0 | 91707 | | 12 | 16 | 93848 | | 20 | 38 | 97991 | | 30 |
| 1 | 0 | 26 | 91710 | | 12 | 37 | 93977 | | 20 | 40 | 98112 | | 29 |
| 2 | 0 | 52 | 91718 | | 12 | 58 | 94108 | | 21 | 0 | 98232 | | 28 |
| 3 | 1 | 18 | 91730 | | 13 | 19 | 94242 | | 21 | 11 | 98347 | | 27 |
| 4 | 1 | 44 | 91747 | | 13 | 40 | 94378 | | 21 | 21 | 98460 | | 26 |
| 5 | 2 | 10 | 91770 | | 14 | 0 | 94516 | | 21 | 31 | 98570 | | 25 |
| 6 | 2 | 36 | 91798 | | 14 | 20 | 94655 | | 21 | 40 | 98676 | | 24 |
| 7 | 3 | 2 | 91831 | | 14 | 40 | 94795 | | 21 | 49 | 98778 | | 23 |
| 8 | 3 | 28 | 91869 | | 14 | 59 | 94936 | | 21 | 58 | 98878 | | 22 |
| 9 | 3 | 53 | 91912 | | 15 | 18 | 95077 | | 22 | 6 | 98973 | | 21 |
| 10 | 4 | 19 | 91960 | | 15 | 37 | 95219 | | 22 | 14 | 99066 | | 20 |
| 11 | 4 | 45 | 92014 | | 15 | 55 | 95362 | | 22 | 21 | 99153 | | 19 |
| 12 | 5 | 10 | 92073 | | 16 | 13 | 95505 | | 22 | 28 | 99237 | | 18 |
| 13 | 5 | 35 | 92138 | | 16 | 31 | 95649 | | 22 | 35 | 99317 | | 17 |
| 14 | 6 | 0 | 92209 | | 16 | 48 | 95794 | | 22 | 41 | 99393 | | 16 |
| 15 | 6 | 25 | 92283 | | 17 | 5 | 95940 | | 22 | 47 | 99465 | | 15 |
| 16 | 6 | 50 | 92361 | | 17 | 22 | 96085 | | 22 | 52 | 99532 | | 14 |
| 17 | 7 | 15 | 92443 | | 17 | 38 | 96230 | | 22 | 57 | 99595 | | 13 |
| 18 | 7 | 39 | 92528 | | 17 | 54 | 96374 | | 23 | 2 | 99654 | | 12 |
| 19 | 8 | 3 | 92617 | | 18 | 10 | 96517 | | 23 | 7 | 99708 | | 11 |
| 20 | 8 | 27 | 92710 | | 18 | 25 | 96659 | | 23 | 11 | 99758 | | 10 |
| 21 | 8 | 51 | 92808 | | 18 | 40 | 96800 | | 23 | 15 | 99803 | | 9 |
| 22 | 9 | 15 | 92910 | | 18 | 55 | 96940 | | 23 | 18 | 99844 | | 8 |
| 23 | 9 | 39 | 93017 | | 19 | 9 | 97080 | | 23 | 21 | 99881 | | 7 |
| 24 | 10 | 2 | 93227 | | 19 | 23 | 97217 | | 23 | 23 | 99913 | | 6 |
| 25 | 10 | 25 | 93239 | | 19 | 36 | 97351 | | 23 | 25 | 99940 | | 5 |
| 26 | 10 | 48 | 93355 | | 19 | 49 | 97482 | | 23 | 27 | 99962 | | 4 |
| 27 | 11 | 10 | 93474 | | 20 | 2 | 97612 | | 23 | 28 | 99978 | | 3 |
| 28 | 11 | 32 | 93596 | | 20 | 14 | 97741 | | 23 | 29 | 99990 | | 2 |
| 29 | 11 | 54 | 93721 | | 20 | 26 | 97867 | | 23 | 30 | 99997 | | 1 |
| 30 | 12 | 16 | 93848 | | 20 | 38 | 97991 | | 23 | 30 | 10000 | | 0 |
| | γ | χ | | | δ | ζ | | | ε | ξ | | | |

Tabula Secunda

| Numerus | | Numerus | | Numerus | |
|---------|-------|---------|--------|---------|-----------|
| 5 | | 5 | | 5 | |
| 0 | 00000 | 31 | 60086 | 61 | 180402 |
| 1 | 11745 | 32 | 62486 | 62 | 188075 |
| 2 | 13492 | 33 | 64940 | 63 | 196263 |
| 3 | 15240 | 34 | 67452 | 64 | 205034 |
| 4 | 16992 | 35 | 70022 | 65 | 214450 |
| 5 | 18748 | 36 | 72654 | 66 | 224607 |
| 6 | 10511 | 37 | 75356 | 67 | 235583 |
| 7 | 12278 | 38 | 78129 | 68 | 247513 |
| 8 | 14053 | 39 | 80978 | 69 | 260511 |
| 9 | 15838 | 40 | 83909 | 70 | 274753 |
| 10 | 17633 | 41 | 86929 | 71 | 290422 |
| 11 | 19439 | 42 | 93040 | 72 | 307767 |
| 12 | 21256 | 43 | 90254 | 73 | 327088 |
| 13 | 23087 | 44 | 96571 | 74 | 348748 |
| 14 | 24932 | 45 | 100000 | 75 | 373211 |
| 15 | 26794 | 46 | 103551 | 76 | 401089 |
| 16 | 28674 | 47 | 107236 | 77 | 433148 |
| 17 | 30573 | 48 | 111062 | 78 | 470453 |
| 18 | 32492 | 49 | 115037 | 79 | 514438 |
| 19 | 34433 | 50 | 119197 | 80 | 567118 |
| 20 | 36396 | 51 | 123491 | 81 | 631377 |
| 21 | 38387 | 52 | 127994 | 82 | 711569 |
| 22 | 40402 | 53 | 132704 | 83 | 814456 |
| 23 | 42448 | 54 | 137639 | 84 | 951387 |
| 24 | 44522 | 55 | 142813 | 85 | 1143131 |
| 25 | 46631 | 56 | 148253 | 86 | 1430203 |
| 26 | 48772 | 57 | 153987 | 87 | 1908217 |
| 27 | 50952 | 58 | 160035 | 88 | 2863563 |
| 28 | 53170 | 59 | 166429 | 89 | 5729796 |
| 29 | 55432 | 60 | 173207 | 90 | Infinitum |
| 30 | 57734 | | | | |

Tabula

| Latitudo Septentrionalis | | | | | | | | | | |
|--------------------------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|
| V | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 0 |
| B | m | B m | B m | B m | B m | B m | B m | B m | B m | B m |
| 0 | 356 48 | 357 13 | 357 37 | 358 1 | 358 25 | 358 49 | 359 13 | 359 37 | 0 0 | 0 0 |
| 1 | 257 43 | 358 8 | 358 32 | 358 56 | 359 20 | 359 44 | 0 8 | 0 32 | 0 56 | 0 56 |
| 2 | 358 38 | 359 3 | 359 27 | 359 51 | 0 15 | 0 39 | 1 3 | 1 27 | 1 50 | 1 50 |
| 3 | 359 34 | 359 58 | 0 22 | 0 46 | 1 10 | 1 34 | 1 58 | 2 22 | 2 45 | 2 45 |
| 4 | 0 29 | 0 53 | 1 17 | 1 41 | 2 5 | 2 29 | 2 53 | 3 17 | 3 40 | 3 40 |
| 5 | 1 24 | 1 48 | 2 12 | 2 36 | 3 0 | 3 24 | 3 48 | 4 12 | 4 35 | 4 35 |
| 6 | 2 19 | 2 43 | 3 7 | 3 31 | 3 55 | 4 19 | 4 43 | 5 7 | 5 30 | 5 30 |
| 7 | 3 14 | 3 38 | 4 2 | 4 26 | 4 40 | 5 14 | 5 38 | 6 2 | 6 25 | 6 25 |
| 8 | 4 0 | 4 33 | 4 57 | 5 21 | 5 45 | 6 9 | 6 33 | 6 57 | 7 20 | 7 20 |
| 9 | 5 4 | 5 28 | 5 52 | 6 16 | 6 40 | 7 4 | 7 28 | 7 52 | 8 15 | 8 15 |
| 10 | 5 59 | 6 23 | 6 47 | 7 11 | 7 35 | 7 59 | 8 23 | 8 47 | 9 11 | 9 11 |
| 11 | 6 55 | 7 19 | 7 43 | 8 7 | 8 31 | 8 55 | 9 18 | 9 42 | 10 6 | 10 6 |
| 12 | 7 51 | 8 15 | 8 39 | 9 3 | 9 27 | 9 51 | 10 14 | 10 38 | 11 1 | 11 1 |
| 13 | 8 46 | 9 10 | 9 34 | 9 58 | 10 22 | 10 46 | 11 9 | 11 33 | 11 57 | 11 57 |
| 14 | 9 42 | 10 6 | 10 30 | 10 54 | 11 17 | 11 42 | 12 5 | 12 29 | 12 52 | 12 52 |
| 15 | 10 38 | 11 2 | 11 26 | 11 50 | 12 14 | 12 38 | 13 1 | 13 25 | 13 48 | 13 48 |
| 16 | 11 34 | 11 58 | 12 22 | 12 46 | 13 10 | 13 34 | 13 57 | 14 20 | 14 43 | 14 43 |
| 17 | 12 30 | 12 54 | 13 18 | 13 42 | 14 6 | 14 30 | 14 53 | 15 16 | 15 39 | 15 39 |
| 18 | 13 27 | 13 51 | 14 15 | 14 39 | 15 2 | 15 26 | 15 49 | 16 12 | 16 35 | 16 35 |
| 19 | 14 23 | 14 47 | 15 11 | 15 35 | 15 58 | 16 22 | 16 45 | 17 8 | 17 31 | 17 31 |
| 20 | 15 20 | 15 44 | 16 7 | 16 31 | 16 54 | 17 18 | 17 41 | 18 4 | 18 27 | 18 27 |
| 21 | 16 17 | 16 41 | 17 4 | 17 28 | 17 51 | 18 14 | 18 37 | 19 0 | 19 23 | 19 23 |
| 22 | 17 14 | 17 38 | 18 1 | 18 25 | 18 48 | 19 11 | 19 33 | 19 59 | 20 19 | 20 19 |
| 23 | 18 11 | 18 35 | 18 58 | 19 22 | 19 45 | 20 8 | 20 30 | 20 53 | 21 15 | 21 15 |
| 24 | 19 8 | 19 32 | 19 55 | 20 19 | 20 42 | 21 5 | 21 27 | 21 50 | 22 12 | 22 12 |
| 25 | 20 5 | 20 29 | 20 52 | 21 16 | 21 39 | 22 2 | 22 24 | 22 47 | 23 9 | 23 9 |
| 26 | 21 3 | 21 27 | 21 50 | 22 13 | 22 36 | 22 59 | 23 21 | 23 44 | 24 6 | 24 6 |
| 27 | 22 1 | 22 25 | 22 48 | 23 11 | 23 34 | 23 57 | 24 19 | 24 41 | 25 3 | 25 3 |
| 28 | 22 59 | 23 23 | 23 46 | 24 9 | 24 31 | 24 54 | 25 16 | 25 38 | 26 0 | 26 0 |
| 29 | 23 57 | 24 21 | 24 44 | 25 7 | 25 29 | 25 51 | 26 13 | 26 35 | 26 57 | 26 57 |
| 30 | 24 56 | 25 19 | 25 42 | 26 5 | 26 27 | 26 49 | 27 11 | 27 33 | 27 54 | 27 54 |

Celi Mediationum

Latitudo Meridiana

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

) B 1

Ascension recta eo Latitud.

Residuum Tabule

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

Leli Mediationum

Latitudo Meridiana

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

Residuum Tabule

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

Cell Mediationum

Latitudo Meridiana

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

) B 3

Residuum Tabule

| Latitudo Septentrionalis | | | | | | | | | |
|--------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Gr | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 |
| H | H m | H m | H m | H m | H m | H m | H m | H m | H m |
| 0 | 90 0 | 90 0 | 90 0 | 90 0 | 90 0 | 90 0 | 90 0 | 90 0 | 90 0 |
| 1 | 91 10 | 91 9 | 91 9 | 91 8 | 91 8 | 91 7 | 91 7 | 91 6 | 91 6 |
| 2 | 92 20 | 92 18 | 92 18 | 92 16 | 92 16 | 92 14 | 92 14 | 92 12 | 92 12 |
| 3 | 93 29 | 93 27 | 93 26 | 93 24 | 93 23 | 93 21 | 93 20 | 93 18 | 93 17 |
| 4 | 94 39 | 94 36 | 94 35 | 94 32 | 94 31 | 94 28 | 94 27 | 94 24 | 94 22 |
| 5 | 95 49 | 95 45 | 95 43 | 95 40 | 95 38 | 95 35 | 95 33 | 95 30 | 95 27 |
| 6 | 96 58 | 96 54 | 96 51 | 96 48 | 96 45 | 96 42 | 96 39 | 96 36 | 96 33 |
| 7 | 98 8 | 98 3 | 98 0 | 97 56 | 97 52 | 97 49 | 97 45 | 97 42 | 97 38 |
| 8 | 99 17 | 99 12 | 99 8 | 99 4 | 98 59 | 98 55 | 98 51 | 98 47 | 98 43 |
| 9 | 100 26 | 100 21 | 100 16 | 100 11 | 100 6 | 100 1 | 99 57 | 99 52 | 99 48 |
| 10 | 101 35 | 101 30 | 101 24 | 101 19 | 101 13 | 101 8 | 101 3 | 100 58 | 100 53 |
| 11 | 102 44 | 102 38 | 102 32 | 102 26 | 102 20 | 102 15 | 102 9 | 102 4 | 101 58 |
| 12 | 103 53 | 103 46 | 103 40 | 103 31 | 103 27 | 103 21 | 103 15 | 103 9 | 103 3 |
| 13 | 105 2 | 104 55 | 104 48 | 104 41 | 104 34 | 104 27 | 104 21 | 104 14 | 104 8 |
| 14 | 106 11 | 106 3 | 105 56 | 105 48 | 105 41 | 105 33 | 105 27 | 105 19 | 105 13 |
| 15 | 107 19 | 107 11 | 107 3 | 106 55 | 106 47 | 106 39 | 106 32 | 106 24 | 106 17 |
| 16 | 108 28 | 108 19 | 108 11 | 108 2 | 107 54 | 107 45 | 107 38 | 107 29 | 107 22 |
| 17 | 109 36 | 109 27 | 109 18 | 109 9 | 109 0 | 108 51 | 108 43 | 108 34 | 108 27 |
| 18 | 110 44 | 110 34 | 110 25 | 110 15 | 110 6 | 109 57 | 109 48 | 109 39 | 109 31 |
| 19 | 111 52 | 111 42 | 111 32 | 111 22 | 111 12 | 111 3 | 110 53 | 110 44 | 110 35 |
| 20 | 113 0 | 112 50 | 112 39 | 112 29 | 112 18 | 112 8 | 111 58 | 111 49 | 111 39 |
| 21 | 114 8 | 113 57 | 113 46 | 113 35 | 113 24 | 113 13 | 113 3 | 112 53 | 112 43 |
| 22 | 115 15 | 115 4 | 114 52 | 114 41 | 114 30 | 114 18 | 114 8 | 113 57 | 113 47 |
| 23 | 116 22 | 116 10 | 115 58 | 115 47 | 115 35 | 115 23 | 115 13 | 115 1 | 114 51 |
| 24 | 117 29 | 117 16 | 117 4 | 116 52 | 116 40 | 116 28 | 116 17 | 116 5 | 115 54 |
| 25 | 118 36 | 118 23 | 118 10 | 117 58 | 117 45 | 117 33 | 117 21 | 117 9 | 116 57 |
| 26 | 119 43 | 119 29 | 119 16 | 119 3 | 118 50 | 118 38 | 118 25 | 118 13 | 118 0 |
| 27 | 120 49 | 120 35 | 120 22 | 120 8 | 119 55 | 119 42 | 119 29 | 119 16 | 119 3 |
| 28 | 121 55 | 121 41 | 121 27 | 121 13 | 120 59 | 120 46 | 120 33 | 120 19 | 120 6 |
| 29 | 123 1 | 122 47 | 122 32 | 122 18 | 122 3 | 121 50 | 121 36 | 121 22 | 121 9 |
| 30 | 124 7 | 123 52 | 123 37 | 123 22 | 123 7 | 122 53 | 122 39 | 122 25 | 122 12 |

Leli Mediationum

Latitudo Meridiana

| Co | 0 | | 1 | | 2 | | 3 | | 4 | | 5 | | 6 | | 7 | | 8 | |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| S | S m | S m | S m | S m | S m | S m | S m | S m | S m | S m | S m | S m | S m | S m | S m | S m | S m | S m |
| 0 | 90 0 | 90 0 | 90 0 | 90 0 | 90 0 | 90 0 | 90 0 | 90 0 | 90 0 | 90 0 | 90 0 | 90 0 | 90 0 | 90 0 | 90 0 | 90 0 | 90 0 | 90 0 |
| 1 | 91 6 | 91 5 | 91 5 | 91 4 | 91 4 | 91 3 | 91 3 | 91 2 | 91 2 | 91 1 | 91 1 | 91 0 | 91 0 | 90 59 | 90 58 | 90 57 | 90 56 | 90 55 |
| 2 | 92 12 | 92 10 | 92 10 | 92 8 | 92 8 | 92 6 | 92 6 | 92 4 | 92 4 | 92 3 | 92 2 | 92 2 | 92 1 | 92 0 | 91 59 | 91 58 | 91 57 | 91 56 |
| 3 | 93 17 | 93 15 | 93 14 | 93 12 | 93 11 | 93 9 | 93 8 | 93 6 | 93 5 | 93 4 | 93 3 | 93 2 | 93 2 | 93 1 | 93 0 | 92 59 | 92 58 | 92 57 |
| 4 | 94 22 | 94 20 | 94 19 | 94 16 | 94 15 | 94 12 | 94 11 | 94 8 | 94 7 | 94 6 | 94 5 | 94 4 | 94 3 | 94 2 | 94 1 | 94 0 | 93 59 | 93 58 |
| 5 | 95 27 | 95 25 | 95 23 | 95 20 | 95 18 | 95 15 | 95 13 | 95 10 | 95 9 | 95 8 | 95 7 | 95 6 | 95 5 | 95 4 | 95 3 | 95 2 | 95 1 | 95 0 |
| 6 | 96 33 | 96 30 | 96 27 | 96 24 | 96 21 | 96 18 | 96 15 | 96 12 | 96 10 | 96 9 | 96 8 | 96 7 | 96 6 | 96 5 | 96 4 | 96 3 | 96 2 | 96 1 |
| 7 | 97 38 | 97 35 | 97 31 | 97 28 | 97 25 | 97 21 | 97 18 | 97 14 | 97 12 | 97 11 | 97 10 | 97 9 | 97 8 | 97 7 | 97 6 | 97 5 | 97 4 | 97 3 |
| 8 | 98 43 | 98 39 | 98 35 | 98 32 | 98 28 | 98 24 | 98 20 | 98 16 | 98 13 | 98 12 | 98 11 | 98 10 | 98 9 | 98 8 | 98 7 | 98 6 | 98 5 | 98 4 |
| 9 | 99 48 | 99 43 | 99 39 | 99 35 | 99 31 | 99 26 | 99 22 | 99 18 | 99 14 | 99 13 | 99 12 | 99 11 | 99 10 | 99 9 | 99 8 | 99 7 | 99 6 | 99 5 |
| 10 | 100 53 | 100 48 | 100 43 | 100 39 | 100 34 | 100 29 | 100 25 | 100 20 | 100 16 | 100 15 | 100 14 | 100 13 | 100 12 | 100 11 | 100 10 | 100 9 | 100 8 | 100 7 |
| 11 | 101 58 | 101 53 | 101 47 | 101 42 | 101 37 | 101 32 | 101 27 | 101 22 | 101 17 | 101 16 | 101 15 | 101 14 | 101 13 | 101 12 | 101 11 | 101 10 | 101 9 | 101 8 |
| 12 | 103 3 | 102 57 | 102 51 | 102 45 | 102 40 | 102 34 | 102 29 | 102 23 | 102 18 | 102 17 | 102 16 | 102 15 | 102 14 | 102 13 | 102 12 | 102 11 | 102 10 | 102 9 |
| 13 | 104 8 | 104 3 | 103 55 | 103 49 | 103 43 | 103 37 | 103 31 | 103 25 | 103 20 | 103 19 | 103 18 | 103 17 | 103 16 | 103 15 | 103 14 | 103 13 | 103 12 | 103 11 |
| 14 | 105 13 | 105 6 | 104 59 | 104 53 | 104 46 | 104 40 | 104 33 | 104 27 | 104 21 | 104 20 | 104 19 | 104 18 | 104 17 | 104 16 | 104 15 | 104 14 | 104 13 | 104 12 |
| 15 | 106 17 | 106 10 | 106 3 | 105 56 | 105 49 | 105 42 | 105 35 | 105 28 | 105 22 | 105 21 | 105 20 | 105 19 | 105 18 | 105 17 | 105 16 | 105 15 | 105 14 | 105 13 |
| 16 | 107 22 | 107 14 | 107 7 | 106 59 | 106 52 | 106 45 | 106 37 | 106 30 | 106 23 | 106 22 | 106 21 | 106 20 | 106 19 | 106 18 | 106 17 | 106 16 | 106 15 | 106 14 |
| 17 | 108 27 | 108 18 | 108 11 | 108 2 | 107 55 | 107 47 | 107 39 | 107 32 | 107 24 | 107 23 | 107 22 | 107 21 | 107 20 | 107 19 | 107 18 | 107 17 | 107 16 | 107 15 |
| 18 | 109 31 | 109 22 | 109 14 | 109 5 | 108 57 | 108 49 | 108 41 | 108 33 | 108 25 | 108 24 | 108 23 | 108 22 | 108 21 | 108 20 | 108 19 | 108 18 | 108 17 | 108 16 |
| 19 | 110 35 | 110 26 | 110 17 | 110 8 | 110 0 | 109 51 | 109 43 | 109 34 | 109 26 | 109 25 | 109 24 | 109 23 | 109 22 | 109 21 | 109 20 | 109 19 | 109 18 | 109 17 |
| 20 | 111 39 | 111 30 | 111 20 | 111 11 | 111 2 | 110 53 | 110 44 | 110 35 | 110 27 | 110 26 | 110 25 | 110 24 | 110 23 | 110 22 | 110 21 | 110 20 | 110 19 | 110 18 |
| 21 | 112 43 | 112 33 | 112 23 | 112 13 | 112 4 | 111 54 | 111 45 | 111 36 | 111 27 | 111 26 | 111 25 | 111 24 | 111 23 | 111 22 | 111 21 | 111 20 | 111 19 | 111 18 |
| 22 | 113 47 | 113 37 | 113 26 | 113 16 | 113 6 | 112 56 | 112 47 | 112 37 | 112 27 | 112 26 | 112 25 | 112 24 | 112 23 | 112 22 | 112 21 | 112 20 | 112 19 | 112 18 |
| 23 | 114 51 | 114 40 | 114 29 | 114 19 | 114 8 | 113 58 | 113 48 | 113 38 | 113 28 | 113 27 | 113 26 | 113 25 | 113 24 | 113 23 | 113 22 | 113 21 | 113 20 | 113 19 |
| 24 | 115 54 | 115 43 | 115 32 | 115 21 | 115 10 | 114 59 | 114 49 | 114 38 | 114 28 | 114 27 | 114 26 | 114 25 | 114 24 | 114 23 | 114 22 | 114 21 | 114 20 | 114 19 |
| 25 | 116 57 | 116 46 | 116 35 | 116 23 | 116 12 | 116 1 | 115 50 | 115 39 | 115 28 | 115 28 | 115 27 | 115 26 | 115 25 | 115 24 | 115 23 | 115 22 | 115 21 | 115 20 |
| 26 | 118 0 | 117 49 | 117 37 | 117 25 | 117 14 | 117 2 | 116 51 | 116 39 | 116 28 | 116 28 | 116 27 | 116 26 | 116 25 | 116 24 | 116 23 | 116 22 | 116 21 | 116 20 |
| 27 | 119 3 | 118 51 | 118 39 | 118 27 | 118 15 | 118 3 | 117 51 | 117 39 | 117 28 | 117 28 | 117 27 | 117 26 | 117 25 | 117 24 | 117 23 | 117 22 | 117 21 | 117 20 |
| 28 | 120 6 | 119 54 | 119 41 | 119 29 | 119 16 | 119 4 | 118 52 | 118 40 | 118 28 | 118 28 | 118 27 | 118 26 | 118 25 | 118 24 | 118 23 | 118 22 | 118 21 | 118 20 |
| 29 | 121 9 | 120 56 | 120 43 | 120 30 | 120 17 | 120 5 | 119 53 | 119 40 | 119 28 | 119 28 | 119 27 | 119 26 | 119 25 | 119 24 | 119 23 | 119 22 | 119 21 | 119 20 |
| 30 | 122 12 | 121 58 | 121 45 | 121 31 | 121 18 | 121 5 | 120 53 | 120 40 | 120 28 | 120 28 | 120 27 | 120 26 | 120 25 | 120 24 | 120 23 | 120 22 | 120 21 | 120 20 |

) B 4

Residuum Tabule

| Latitudo Septentrionalis | | | | | | | | | |
|--------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| N | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 |
| D | D m | D m | D m | D m | D m | D m | D m | D m | D m |
| 0 | 124 7 | 123 52 | 123 37 | 123 22 | 123 7 | 122 53 | 122 39 | 122 25 | 122 12 |
| 1 | 125 12 | 124 57 | 124 42 | 124 26 | 124 11 | 123 57 | 123 42 | 123 28 | 123 14 |
| 2 | 126 17 | 126 2 | 125 46 | 125 30 | 125 15 | 125 0 | 124 45 | 124 31 | 124 16 |
| 3 | 127 22 | 127 6 | 126 50 | 126 34 | 126 18 | 126 3 | 125 48 | 125 33 | 125 18 |
| 4 | 128 27 | 128 11 | 127 54 | 127 38 | 127 22 | 127 6 | 126 51 | 126 36 | 126 20 |
| 5 | 129 32 | 129 15 | 128 58 | 128 42 | 128 25 | 128 9 | 127 54 | 127 38 | 127 22 |
| 6 | 130 36 | 130 19 | 130 2 | 129 45 | 129 28 | 129 12 | 128 56 | 128 40 | 128 24 |
| 7 | 131 40 | 131 23 | 131 5 | 130 48 | 130 31 | 130 14 | 129 58 | 129 42 | 129 25 |
| 8 | 132 44 | 132 26 | 132 8 | 131 51 | 131 33 | 131 16 | 131 0 | 130 43 | 130 26 |
| 9 | 133 47 | 133 29 | 133 11 | 132 53 | 132 35 | 132 18 | 132 1 | 131 44 | 131 27 |
| 10 | 134 50 | 134 32 | 134 14 | 133 55 | 133 37 | 133 20 | 133 2 | 132 45 | 132 27 |
| 11 | 135 53 | 135 35 | 135 16 | 134 57 | 134 39 | 134 21 | 134 3 | 133 46 | 133 28 |
| 12 | 136 56 | 136 37 | 136 18 | 135 59 | 135 40 | 135 22 | 135 4 | 134 47 | 134 29 |
| 13 | 137 58 | 137 39 | 137 20 | 137 0 | 136 41 | 136 23 | 136 5 | 135 47 | 135 29 |
| 14 | 139 0 | 138 41 | 138 21 | 138 1 | 137 42 | 137 24 | 137 6 | 136 47 | 136 29 |
| 15 | 140 2 | 139 42 | 139 22 | 139 2 | 138 43 | 138 24 | 138 6 | 137 47 | 137 29 |
| 16 | 141 4 | 140 44 | 140 24 | 140 3 | 139 44 | 139 25 | 139 6 | 138 47 | 138 29 |
| 17 | 142 6 | 141 45 | 141 25 | 141 4 | 140 45 | 140 25 | 140 6 | 139 47 | 139 28 |
| 18 | 143 7 | 142 46 | 142 26 | 142 5 | 141 45 | 141 25 | 141 6 | 140 46 | 140 27 |
| 19 | 144 8 | 143 47 | 143 27 | 143 6 | 142 45 | 142 25 | 142 6 | 141 46 | 141 26 |
| 20 | 145 9 | 144 48 | 144 27 | 144 6 | 143 45 | 143 25 | 143 5 | 142 45 | 142 25 |
| 21 | 146 9 | 145 48 | 145 27 | 145 6 | 144 45 | 144 24 | 144 4 | 143 44 | 143 24 |
| 22 | 147 10 | 146 48 | 146 27 | 146 6 | 145 45 | 145 24 | 145 3 | 144 43 | 144 23 |
| 23 | 148 10 | 147 48 | 147 27 | 147 5 | 146 44 | 146 23 | 146 2 | 145 42 | 145 21 |
| 24 | 149 10 | 148 48 | 148 26 | 148 4 | 147 43 | 147 22 | 147 1 | 146 40 | 146 20 |
| 25 | 150 10 | 149 47 | 149 25 | 149 3 | 148 42 | 148 21 | 148 0 | 147 39 | 147 18 |
| 26 | 151 9 | 150 46 | 150 24 | 150 2 | 149 41 | 149 19 | 148 58 | 148 37 | 148 16 |
| 27 | 152 8 | 151 45 | 151 23 | 151 1 | 150 39 | 150 17 | 149 56 | 149 35 | 149 14 |
| 28 | 153 7 | 152 44 | 152 22 | 151 59 | 151 37 | 151 15 | 150 54 | 150 33 | 150 11 |
| 29 | 154 6 | 153 43 | 153 20 | 152 57 | 152 35 | 152 13 | 151 52 | 151 30 | 151 9 |
| 30 | 155 4 | 154 41 | 154 18 | 153 55 | 153 33 | 153 11 | 152 49 | 152 27 | 152 6 |

7

Leli Mediationum

| | | Latitudo Meridiana | | | | | | | | |
|----|--------|--------------------|--------|--------|--------|--------|--------|--------|--------|--|
| Ω | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | |
| Ω | h m | h m | h m | h m | h m | h m | h m | h m | h m | |
| 0 | 122 12 | 121 58 | 121 45 | 121 31 | 121 18 | 121 5 | 120 53 | 120 40 | 120 28 | |
| 1 | 123 14 | 123 0 | 122 47 | 122 33 | 122 19 | 122 6 | 121 53 | 121 40 | 121 28 | |
| 2 | 124 16 | 124 2 | 123 48 | 123 34 | 123 20 | 123 6 | 122 53 | 122 40 | 122 27 | |
| 3 | 125 18 | 125 3 | 124 49 | 124 35 | 124 21 | 124 7 | 123 53 | 123 39 | 123 26 | |
| 4 | 126 20 | 126 5 | 125 51 | 125 36 | 125 22 | 125 7 | 124 53 | 124 39 | 124 25 | |
| 5 | 127 22 | 127 7 | 126 52 | 126 36 | 126 22 | 126 7 | 125 52 | 125 38 | 125 24 | |
| 6 | 128 24 | 128 8 | 127 53 | 127 37 | 127 22 | 127 7 | 126 52 | 126 37 | 126 23 | |
| 7 | 129 25 | 129 9 | 128 54 | 128 37 | 128 22 | 128 7 | 127 51 | 127 36 | 127 22 | |
| 8 | 130 26 | 130 10 | 129 54 | 129 37 | 129 22 | 129 6 | 128 50 | 128 35 | 128 20 | |
| 9 | 131 27 | 131 10 | 130 54 | 130 37 | 130 21 | 130 5 | 129 49 | 129 33 | 129 18 | |
| 10 | 132 27 | 132 11 | 131 54 | 131 37 | 131 21 | 131 4 | 130 48 | 130 32 | 130 17 | |
| 11 | 133 28 | 133 11 | 132 54 | 132 37 | 132 20 | 132 3 | 131 47 | 131 31 | 131 15 | |
| 12 | 134 29 | 134 11 | 133 54 | 133 37 | 133 19 | 133 2 | 132 46 | 132 29 | 132 13 | |
| 13 | 135 29 | 135 11 | 134 54 | 134 36 | 134 18 | 134 1 | 133 45 | 133 27 | 133 11 | |
| 14 | 136 29 | 136 11 | 135 53 | 135 35 | 135 17 | 135 0 | 134 43 | 134 25 | 134 9 | |
| 15 | 137 29 | 137 10 | 136 52 | 136 34 | 136 16 | 135 58 | 135 41 | 135 23 | 135 6 | |
| 16 | 138 29 | 138 10 | 137 51 | 137 33 | 137 15 | 136 57 | 136 39 | 136 21 | 136 4 | |
| 17 | 139 28 | 139 9 | 138 50 | 138 32 | 138 14 | 137 55 | 137 37 | 137 19 | 137 2 | |
| 18 | 140 27 | 140 8 | 139 49 | 139 30 | 139 12 | 138 53 | 138 35 | 138 17 | 137 59 | |
| 19 | 141 26 | 141 7 | 140 48 | 140 29 | 140 10 | 139 51 | 139 33 | 139 15 | 138 56 | |
| 20 | 142 25 | 142 6 | 141 47 | 141 27 | 141 8 | 140 49 | 140 31 | 140 12 | 139 53 | |
| 21 | 143 24 | 143 4 | 142 45 | 142 25 | 142 6 | 141 47 | 141 28 | 141 9 | 140 50 | |
| 22 | 144 23 | 144 3 | 143 43 | 143 23 | 143 4 | 142 45 | 142 25 | 142 6 | 141 47 | |
| 23 | 145 21 | 145 1 | 144 41 | 144 21 | 144 2 | 143 42 | 143 22 | 143 3 | 142 44 | |
| 24 | 146 20 | 145 59 | 145 39 | 145 19 | 144 59 | 144 39 | 144 19 | 143 59 | 143 40 | |
| 25 | 147 18 | 146 57 | 146 37 | 146 17 | 145 56 | 145 36 | 145 16 | 144 56 | 144 37 | |
| 26 | 148 16 | 147 55 | 147 35 | 147 14 | 146 53 | 146 33 | 146 13 | 145 53 | 145 33 | |
| 27 | 149 14 | 148 53 | 148 32 | 148 11 | 147 50 | 147 29 | 147 9 | 146 49 | 146 29 | |
| 28 | 150 11 | 149 50 | 149 29 | 149 8 | 148 47 | 148 26 | 148 6 | 147 46 | 147 25 | |
| 29 | 151 9 | 150 47 | 150 26 | 150 5 | 149 44 | 149 23 | 149 3 | 148 42 | 148 21 | |
| 30 | 152 6 | 151 44 | 151 23 | 151 2 | 150 41 | 150 20 | 149 59 | 149 38 | 149 17 | |

Residuum Tabule

| Latitudo Septentrionalis | | | | | | | | | | |
|--------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-----|
| up | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | |
| h | h m | h m | h m | h m | h m | h m | h m | h m | h m | h m |
| 0 | 155 4 | 154 41 | 154 18 | 153 55 | 153 33 | 153 11 | 152 49 | 152 27 | 152 6 | |
| 1 | 156 3 | 155 39 | 155 16 | 154 53 | 154 31 | 154 9 | 153 47 | 153 25 | 153 3 | |
| 2 | 157 1 | 156 37 | 156 14 | 155 51 | 155 29 | 155 6 | 154 44 | 154 22 | 154 0 | |
| 3 | 157 59 | 157 35 | 157 12 | 156 49 | 156 26 | 156 3 | 155 41 | 155 19 | 154 57 | |
| 4 | 158 57 | 158 33 | 158 10 | 157 47 | 157 24 | 157 1 | 156 39 | 156 16 | 155 54 | |
| 5 | 159 55 | 159 31 | 159 8 | 158 44 | 158 21 | 157 58 | 157 36 | 157 13 | 156 51 | |
| 6 | 160 52 | 160 28 | 160 5 | 159 41 | 159 18 | 158 55 | 158 33 | 158 10 | 157 48 | |
| 7 | 161 49 | 161 25 | 161 2 | 160 38 | 160 15 | 159 52 | 159 30 | 159 7 | 158 45 | |
| 8 | 162 46 | 162 22 | 161 59 | 161 35 | 161 12 | 160 49 | 160 27 | 160 4 | 159 41 | |
| 9 | 163 43 | 163 19 | 162 56 | 162 32 | 162 9 | 161 46 | 161 23 | 161 0 | 160 37 | |
| 10 | 164 40 | 164 16 | 163 53 | 163 29 | 163 6 | 162 42 | 162 19 | 161 56 | 161 33 | |
| 11 | 165 37 | 165 13 | 164 49 | 164 25 | 164 2 | 163 38 | 163 15 | 162 52 | 162 29 | |
| 12 | 166 33 | 166 9 | 165 45 | 165 21 | 164 58 | 164 34 | 164 11 | 163 48 | 163 25 | |
| 13 | 167 30 | 167 6 | 166 42 | 166 18 | 165 54 | 165 30 | 165 7 | 164 44 | 164 21 | |
| 14 | 168 26 | 168 2 | 167 38 | 167 14 | 166 50 | 166 26 | 166 3 | 165 40 | 165 17 | |
| 15 | 169 22 | 168 58 | 168 34 | 168 10 | 167 46 | 167 22 | 166 59 | 166 35 | 166 12 | |
| 16 | 170 18 | 169 54 | 169 30 | 169 6 | 168 42 | 168 18 | 167 55 | 167 31 | 167 8 | |
| 17 | 171 14 | 170 50 | 170 26 | 170 2 | 169 38 | 169 14 | 168 51 | 168 27 | 168 3 | |
| 18 | 172 9 | 171 45 | 171 21 | 170 57 | 170 33 | 170 9 | 169 46 | 169 23 | 168 59 | |
| 19 | 173 5 | 172 41 | 172 17 | 171 53 | 171 29 | 171 5 | 170 42 | 170 18 | 169 54 | |
| 20 | 174 1 | 173 37 | 173 13 | 172 49 | 172 25 | 172 1 | 171 37 | 171 13 | 170 49 | |
| 21 | 174 56 | 174 32 | 174 8 | 173 44 | 173 20 | 172 56 | 172 32 | 172 9 | 171 45 | |
| 22 | 175 51 | 175 27 | 175 3 | 174 39 | 174 15 | 173 51 | 173 27 | 173 4 | 172 40 | |
| 23 | 176 46 | 176 22 | 175 58 | 175 34 | 175 10 | 174 46 | 174 22 | 173 58 | 173 37 | |
| 24 | 177 41 | 177 17 | 176 53 | 176 29 | 176 5 | 175 41 | 175 17 | 174 53 | 174 30 | |
| 25 | 178 36 | 178 12 | 177 48 | 177 24 | 177 0 | 176 36 | 176 12 | 175 48 | 175 25 | |
| 26 | 179 31 | 179 7 | 178 43 | 178 19 | 177 55 | 177 31 | 177 7 | 176 43 | 176 20 | |
| 27 | 180 26 | 180 2 | 179 38 | 179 14 | 178 50 | 178 26 | 178 2 | 177 38 | 177 15 | |
| 28 | 181 22 | 180 57 | 180 33 | 180 9 | 179 45 | 179 21 | 178 57 | 178 33 | 178 10 | |
| 29 | 182 17 | 181 52 | 181 28 | 181 4 | 180 40 | 180 16 | 179 52 | 179 28 | 179 5 | |
| 30 | 183 12 | 182 47 | 182 23 | 181 59 | 181 35 | 181 11 | 180 47 | 180 23 | 180 0 | |

Celi Mediationum

Latitudo Meridiana

| mp | 0 | | 1 | | 2 | | 3 | | 4 | | 5 | | 6 | | 7 | | 8 | |
|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|
| S | S | m | S | m | S | m | S | m | S | m | S | m | S | m | S | m | S | m |
| 0 | 152 | 6 | 151 | 44 | 151 | 23 | 151 | 2 | 150 | 41 | 150 | 20 | 149 | 59 | 149 | 38 | 149 | 17 |
| 1 | 153 | 3 | 152 | 41 | 152 | 20 | 151 | 59 | 151 | 38 | 151 | 16 | 150 | 55 | 150 | 34 | 150 | 13 |
| 2 | 154 | 0 | 153 | 38 | 153 | 17 | 152 | 55 | 152 | 34 | 152 | 12 | 151 | 51 | 151 | 30 | 151 | 9 |
| 3 | 154 | 57 | 154 | 35 | 154 | 13 | 153 | 51 | 153 | 30 | 153 | 8 | 152 | 47 | 152 | 25 | 152 | 4 |
| 4 | 155 | 54 | 155 | 32 | 155 | 10 | 154 | 48 | 154 | 26 | 154 | 4 | 153 | 43 | 153 | 21 | 153 | 0 |
| 5 | 156 | 51 | 156 | 29 | 156 | 7 | 155 | 44 | 155 | 22 | 155 | 0 | 154 | 39 | 154 | 17 | 153 | 55 |
| 6 | 157 | 48 | 157 | 25 | 157 | 3 | 156 | 40 | 156 | 18 | 155 | 56 | 155 | 34 | 155 | 12 | 154 | 50 |
| 7 | 158 | 45 | 158 | 22 | 157 | 59 | 157 | 36 | 157 | 14 | 156 | 52 | 156 | 30 | 156 | 8 | 155 | 46 |
| 8 | 159 | 41 | 159 | 18 | 158 | 55 | 158 | 32 | 158 | 10 | 157 | 48 | 157 | 26 | 157 | 3 | 156 | 41 |
| 9 | 160 | 37 | 160 | 14 | 159 | 51 | 159 | 28 | 159 | 6 | 158 | 43 | 158 | 21 | 157 | 58 | 157 | 36 |
| 10 | 161 | 33 | 161 | 10 | 160 | 47 | 160 | 24 | 160 | 2 | 159 | 39 | 159 | 17 | 158 | 54 | 158 | 31 |
| 11 | 162 | 29 | 162 | 6 | 161 | 43 | 161 | 20 | 160 | 58 | 160 | 35 | 160 | 12 | 159 | 49 | 159 | 26 |
| 12 | 163 | 25 | 163 | 2 | 162 | 39 | 162 | 16 | 161 | 53 | 161 | 30 | 161 | 7 | 160 | 44 | 160 | 21 |
| 13 | 164 | 21 | 163 | 58 | 163 | 35 | 163 | 12 | 162 | 49 | 162 | 25 | 162 | 2 | 161 | 39 | 161 | 16 |
| 14 | 165 | 17 | 164 | 53 | 164 | 30 | 164 | 7 | 163 | 44 | 163 | 20 | 162 | 57 | 162 | 34 | 162 | 11 |
| 15 | 166 | 12 | 165 | 48 | 165 | 25 | 165 | 2 | 164 | 39 | 164 | 15 | 163 | 52 | 163 | 29 | 163 | 6 |
| 16 | 167 | 8 | 166 | 44 | 166 | 21 | 165 | 57 | 165 | 34 | 165 | 10 | 164 | 47 | 164 | 24 | 164 | 1 |
| 17 | 168 | 3 | 167 | 40 | 167 | 17 | 166 | 52 | 166 | 29 | 166 | 5 | 165 | 42 | 165 | 10 | 164 | 56 |
| 18 | 168 | 59 | 168 | 35 | 168 | 12 | 167 | 47 | 167 | 24 | 167 | 0 | 166 | 37 | 166 | 13 | 165 | 51 |
| 19 | 169 | 54 | 169 | 31 | 169 | 7 | 168 | 43 | 168 | 19 | 167 | 55 | 167 | 32 | 167 | 8 | 166 | 46 |
| 20 | 170 | 49 | 170 | 26 | 170 | 2 | 169 | 38 | 169 | 14 | 168 | 50 | 168 | 27 | 168 | 3 | 167 | 41 |
| 21 | 171 | 45 | 171 | 21 | 170 | 57 | 170 | 33 | 170 | 9 | 169 | 45 | 169 | 22 | 168 | 58 | 168 | 35 |
| 22 | 172 | 40 | 172 | 16 | 171 | 52 | 171 | 28 | 171 | 4 | 170 | 40 | 170 | 17 | 169 | 53 | 169 | 30 |
| 23 | 173 | 35 | 173 | 11 | 172 | 47 | 172 | 23 | 171 | 59 | 171 | 35 | 171 | 12 | 170 | 48 | 170 | 25 |
| 24 | 174 | 30 | 174 | 6 | 173 | 42 | 173 | 18 | 172 | 54 | 172 | 30 | 172 | 7 | 171 | 43 | 171 | 20 |
| 25 | 175 | 25 | 175 | 2 | 174 | 38 | 174 | 14 | 173 | 50 | 173 | 26 | 173 | 2 | 172 | 38 | 172 | 15 |
| 26 | 176 | 20 | 175 | 57 | 175 | 33 | 175 | 9 | 174 | 45 | 174 | 21 | 173 | 57 | 173 | 33 | 173 | 10 |
| 27 | 177 | 15 | 176 | 52 | 176 | 28 | 176 | 4 | 175 | 40 | 175 | 16 | 174 | 52 | 174 | 28 | 174 | 4 |
| 28 | 178 | 10 | 177 | 47 | 177 | 23 | 176 | 59 | 176 | 35 | 176 | 11 | 175 | 47 | 175 | 23 | 174 | 59 |
| 29 | 179 | 5 | 178 | 42 | 178 | 18 | 177 | 54 | 177 | 30 | 177 | 6 | 176 | 42 | 176 | 18 | 175 | 54 |
| 30 | 180 | 0 | 179 | 37 | 179 | 13 | 178 | 49 | 178 | 25 | 178 | 1 | 177 | 37 | 177 | 13 | 176 | 48 |

Residuum Tabule

| Latitudo Septentrionalis | | | | | | | | | | |
|--------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-----|
| n | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | |
| h | h m | h m | h m | h m | h m | h m | h m | h m | h m | h m |
| 0 | 183 12 | 182 47 | 182 23 | 181 59 | 181 35 | 181 11 | 180 47 | 180 23 | 180 0 | |
| 1 | 184 6 | 183 42 | 183 18 | 182 54 | 182 30 | 182 6 | 181 42 | 181 18 | 180 55 | |
| 2 | 185 1 | 184 37 | 184 13 | 183 49 | 183 25 | 183 1 | 182 37 | 182 13 | 181 50 | |
| 3 | 185 56 | 185 32 | 185 8 | 184 44 | 184 20 | 183 56 | 183 32 | 183 8 | 182 46 | |
| 4 | 186 50 | 186 27 | 186 3 | 185 39 | 185 15 | 184 51 | 184 27 | 184 3 | 183 40 | |
| 5 | 187 45 | 187 22 | 186 58 | 186 34 | 186 10 | 185 46 | 185 22 | 184 58 | 184 35 | |
| 6 | 188 40 | 188 18 | 187 53 | 187 30 | 187 6 | 186 42 | 186 18 | 185 54 | 185 30 | |
| 7 | 189 35 | 189 12 | 188 48 | 188 25 | 188 1 | 187 37 | 187 13 | 186 49 | 186 25 | |
| 8 | 190 30 | 190 7 | 189 43 | 189 20 | 188 56 | 188 32 | 188 8 | 187 44 | 187 20 | |
| 9 | 191 25 | 191 2 | 190 38 | 190 15 | 189 51 | 189 27 | 189 3 | 188 39 | 188 15 | |
| 10 | 192 19 | 191 57 | 191 33 | 191 10 | 190 46 | 190 22 | 189 58 | 189 34 | 189 11 | |
| 11 | 193 14 | 192 52 | 192 28 | 192 5 | 191 41 | 191 17 | 190 53 | 190 29 | 190 6 | |
| 12 | 194 9 | 193 47 | 193 23 | 193 0 | 192 36 | 192 13 | 191 48 | 191 25 | 191 1 | |
| 13 | 195 4 | 194 41 | 194 18 | 193 55 | 193 31 | 193 8 | 192 43 | 192 20 | 191 57 | |
| 14 | 195 59 | 195 36 | 195 13 | 194 50 | 194 26 | 194 3 | 193 39 | 193 16 | 192 52 | |
| 15 | 196 54 | 196 31 | 196 8 | 195 45 | 195 21 | 194 58 | 194 35 | 194 12 | 193 48 | |
| 16 | 197 49 | 197 26 | 197 3 | 196 40 | 196 16 | 195 53 | 195 30 | 195 7 | 194 43 | |
| 17 | 198 44 | 198 21 | 197 58 | 197 35 | 197 11 | 196 48 | 196 25 | 196 2 | 195 39 | |
| 18 | 199 39 | 199 16 | 198 53 | 198 30 | 198 7 | 197 44 | 197 21 | 196 58 | 196 35 | |
| 19 | 200 34 | 200 11 | 199 48 | 199 25 | 199 2 | 198 40 | 198 17 | 197 54 | 197 31 | |
| 20 | 201 29 | 201 9 | 200 43 | 200 21 | 199 58 | 199 36 | 199 13 | 198 50 | 198 27 | |
| 21 | 202 24 | 202 2 | 201 39 | 201 17 | 200 54 | 200 32 | 200 9 | 199 46 | 199 23 | |
| 22 | 203 19 | 202 57 | 202 34 | 202 12 | 201 50 | 201 28 | 201 5 | 200 42 | 200 19 | |
| 23 | 204 14 | 203 52 | 203 30 | 203 8 | 202 46 | 202 24 | 202 1 | 201 38 | 201 15 | |
| 24 | 205 10 | 204 48 | 204 26 | 204 4 | 203 42 | 203 20 | 202 57 | 202 35 | 202 12 | |
| 25 | 206 5 | 205 43 | 205 21 | 205 0 | 204 38 | 204 16 | 203 53 | 203 31 | 203 9 | |
| 26 | 207 0 | 206 39 | 206 17 | 205 56 | 205 34 | 205 12 | 204 50 | 204 28 | 204 6 | |
| 27 | 207 56 | 207 35 | 207 13 | 206 52 | 206 30 | 206 9 | 205 48 | 205 25 | 205 3 | |
| 28 | 208 51 | 208 30 | 208 9 | 207 48 | 207 26 | 207 5 | 206 43 | 206 22 | 206 0 | |
| 29 | 209 47 | 209 26 | 209 5 | 208 44 | 208 22 | 208 1 | 207 40 | 207 19 | 206 57 | |
| 30 | 210 43 | 210 22 | 210 1 | 209 40 | 209 19 | 208 58 | 208 37 | 208 16 | 207 54 | |

Celi Mediationum

Latitudo Meridiana

| L ^o | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| B | B m | B m | B m | B m | B m | B m | B m | B m | B m |
| 0 | 180 0 | 179 37 | 179 13 | 178 49 | 178 25 | 178 1 | 177 37 | 177 13 | 176 48 |
| 1 | 180 55 | 180 32 | 180 8 | 179 44 | 179 20 | 178 56 | 178 32 | 178 8 | 177 43 |
| 2 | 181 50 | 181 27 | 181 3 | 180 34 | 180 15 | 179 51 | 179 27 | 179 3 | 178 38 |
| 3 | 182 45 | 182 22 | 181 58 | 181 34 | 181 10 | 180 46 | 180 22 | 179 58 | 179 34 |
| 4 | 183 40 | 183 17 | 182 53 | 182 29 | 182 5 | 181 41 | 181 17 | 180 53 | 180 29 |
| 5 | 184 35 | 184 12 | 183 48 | 183 24 | 183 0 | 182 36 | 182 12 | 181 48 | 181 24 |
| 6 | 185 30 | 185 7 | 184 43 | 184 19 | 183 55 | 183 31 | 183 7 | 182 43 | 182 19 |
| 7 | 186 25 | 186 2 | 185 38 | 185 14 | 184 50 | 184 26 | 184 2 | 183 38 | 183 14 |
| 8 | 187 20 | 186 57 | 186 33 | 186 9 | 185 45 | 185 21 | 184 57 | 184 33 | 184 9 |
| 9 | 188 15 | 187 52 | 187 28 | 187 4 | 186 40 | 186 16 | 185 52 | 185 28 | 185 4 |
| 10 | 189 11 | 188 47 | 188 23 | 187 59 | 187 35 | 187 11 | 186 47 | 186 23 | 185 59 |
| 11 | 190 6 | 189 42 | 189 18 | 188 55 | 188 31 | 188 7 | 187 43 | 187 18 | 186 55 |
| 12 | 191 1 | 190 38 | 190 14 | 189 51 | 189 27 | 189 3 | 188 39 | 188 14 | 187 51 |
| 13 | 191 57 | 191 33 | 191 9 | 190 46 | 190 22 | 189 58 | 189 34 | 189 10 | 188 46 |
| 14 | 192 52 | 192 29 | 192 5 | 191 42 | 191 18 | 190 44 | 190 30 | 190 6 | 189 42 |
| 15 | 193 58 | 193 25 | 193 1 | 192 38 | 192 14 | 191 50 | 191 26 | 191 2 | 190 38 |
| 16 | 194 43 | 194 20 | 193 57 | 193 34 | 193 10 | 192 46 | 192 22 | 191 58 | 191 34 |
| 17 | 195 39 | 195 16 | 194 53 | 194 30 | 194 6 | 193 42 | 193 18 | 192 54 | 192 30 |
| 18 | 196 35 | 196 12 | 195 49 | 195 26 | 195 2 | 194 39 | 194 15 | 193 51 | 193 27 |
| 19 | 197 31 | 197 8 | 196 45 | 196 22 | 195 58 | 195 35 | 195 11 | 194 47 | 194 23 |
| 20 | 198 27 | 198 4 | 197 41 | 197 18 | 196 54 | 196 31 | 196 7 | 195 44 | 195 20 |
| 21 | 199 23 | 199 0 | 198 37 | 198 14 | 197 51 | 197 28 | 197 4 | 196 41 | 196 17 |
| 22 | 200 19 | 199 56 | 199 33 | 199 11 | 198 48 | 198 25 | 198 1 | 197 38 | 197 14 |
| 23 | 201 15 | 200 53 | 200 30 | 200 8 | 199 45 | 199 22 | 198 58 | 198 35 | 198 11 |
| 24 | 202 12 | 201 50 | 201 27 | 201 5 | 200 42 | 200 19 | 199 55 | 199 32 | 199 8 |
| 25 | 203 9 | 202 47 | 202 24 | 202 2 | 201 39 | 201 16 | 200 52 | 200 29 | 200 5 |
| 26 | 204 6 | 203 44 | 203 21 | 202 59 | 202 36 | 202 13 | 201 50 | 201 27 | 201 3 |
| 27 | 205 3 | 203 41 | 204 19 | 203 57 | 203 34 | 203 11 | 202 48 | 202 25 | 202 1 |
| 28 | 206 0 | 205 38 | 205 16 | 204 54 | 204 31 | 204 9 | 203 46 | 203 23 | 202 59 |
| 29 | 206 57 | 206 35 | 206 13 | 205 51 | 205 29 | 205 7 | 204 44 | 204 21 | 203 57 |
| 30 | 207 54 | 207 33 | 207 11 | 206 49 | 206 27 | 206 5 | 205 42 | 205 19 | 204 56 |

Residuum Tabule

| Latitudo Septentrionalis | | | | | | | | | |
|--------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| m | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 |
| D | B m | B m | B m | B m | B m | B m | B m | B m | B m |
| 0 | 210 43 | 210 22 | 210 1 | 209 40 | 209 19 | 208 58 | 208 37 | 208 16 | 207 54 |
| 1 | 211 34 | 211 18 | 210 57 | 210 37 | 210 16 | 209 55 | 209 34 | 209 13 | 208 51 |
| 2 | 212 39 | 212 14 | 211 54 | 211 34 | 211 13 | 210 52 | 210 31 | 210 10 | 209 49 |
| 3 | 213 31 | 213 11 | 212 51 | 212 31 | 212 10 | 211 49 | 211 28 | 211 7 | 210 46 |
| 4 | 214 27 | 214 7 | 213 47 | 213 27 | 213 7 | 212 46 | 212 25 | 212 5 | 211 44 |
| 5 | 215 23 | 215 4 | 214 44 | 214 24 | 214 4 | 213 43 | 213 23 | 213 3 | 212 42 |
| 6 | 216 20 | 216 1 | 215 41 | 215 21 | 215 1 | 214 41 | 214 21 | 214 1 | 213 40 |
| 7 | 217 16 | 216 57 | 216 38 | 216 18 | 215 58 | 215 39 | 215 19 | 214 59 | 214 39 |
| 8 | 218 13 | 217 54 | 217 35 | 217 15 | 216 56 | 216 37 | 216 17 | 215 57 | 215 37 |
| 9 | 219 10 | 218 51 | 218 32 | 218 13 | 217 54 | 217 35 | 217 15 | 216 56 | 216 36 |
| 10 | 220 7 | 219 48 | 219 29 | 219 11 | 218 52 | 218 33 | 218 13 | 217 54 | 217 35 |
| 11 | 221 4 | 220 45 | 220 27 | 220 9 | 219 50 | 219 31 | 219 12 | 218 53 | 218 34 |
| 12 | 222 1 | 221 43 | 221 25 | 221 7 | 220 48 | 220 30 | 220 11 | 219 52 | 219 33 |
| 13 | 222 58 | 222 41 | 222 23 | 222 5 | 221 46 | 221 28 | 221 10 | 220 51 | 220 32 |
| 14 | 223 56 | 223 39 | 223 21 | 223 3 | 222 45 | 222 27 | 222 9 | 221 50 | 221 31 |
| 15 | 224 54 | 224 37 | 224 19 | 224 2 | 223 44 | 223 26 | 223 8 | 222 50 | 222 31 |
| 16 | 225 51 | 225 35 | 225 17 | 225 0 | 224 43 | 224 25 | 224 7 | 223 49 | 223 31 |
| 17 | 226 49 | 226 33 | 226 15 | 225 59 | 225 42 | 225 24 | 225 6 | 224 49 | 224 31 |
| 18 | 227 47 | 227 31 | 227 14 | 226 58 | 226 41 | 226 23 | 226 6 | 225 49 | 225 31 |
| 19 | 228 45 | 228 29 | 228 13 | 227 57 | 227 40 | 227 23 | 227 6 | 226 49 | 226 32 |
| 20 | 229 43 | 229 28 | 229 12 | 228 56 | 228 39 | 228 23 | 228 6 | 227 49 | 227 33 |
| 21 | 230 42 | 230 27 | 230 11 | 229 55 | 229 39 | 229 23 | 229 6 | 228 50 | 228 33 |
| 22 | 231 40 | 231 25 | 231 10 | 230 54 | 230 38 | 230 23 | 230 6 | 229 50 | 229 34 |
| 23 | 232 38 | 232 24 | 232 9 | 231 53 | 231 38 | 231 23 | 231 6 | 230 51 | 230 35 |
| 24 | 233 37 | 233 23 | 233 8 | 232 53 | 232 38 | 232 23 | 232 7 | 231 52 | 231 36 |
| 25 | 234 36 | 234 22 | 234 8 | 233 53 | 233 38 | 233 24 | 233 8 | 232 53 | 232 38 |
| 26 | 235 35 | 235 21 | 235 7 | 234 53 | 234 38 | 234 24 | 234 9 | 233 55 | 233 40 |
| 27 | 236 34 | 236 21 | 236 7 | 235 53 | 235 39 | 235 25 | 235 11 | 234 57 | 234 42 |
| 28 | 237 33 | 237 20 | 237 7 | 236 54 | 236 40 | 236 26 | 236 12 | 235 58 | 235 44 |
| 29 | 238 32 | 238 20 | 238 7 | 237 54 | 237 41 | 237 27 | 237 13 | 237 2 | 236 46 |
| 30 | 239 32 | 239 20 | 239 7 | 238 55 | 238 42 | 238 29 | 238 15 | 238 4 | 237 48 |

Celi Mediationum

| Latitudo Meridiana | | | | | | | | | | |
|--------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-----|
| m | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | |
| | B m | B m | B m | B m | B m | B m | B m | B m | B m | B m |
| 0 | 207 54 | 207 33 | 207 11 | 206 49 | 206 27 | 206 5 | 205 42 | 205 19 | 204 56 | |
| 1 | 208 51 | 208 30 | 208 8 | 207 47 | 207 25 | 207 3 | 206 40 | 206 17 | 205 54 | |
| 2 | 209 49 | 209 27 | 209 6 | 208 45 | 208 23 | 208 1 | 207 38 | 207 16 | 206 53 | |
| 3 | 210 46 | 210 25 | 210 4 | 209 43 | 209 21 | 208 59 | 208 37 | 208 15 | 207 51 | |
| 4 | 211 44 | 211 23 | 211 2 | 210 41 | 210 19 | 209 58 | 209 36 | 209 14 | 208 50 | |
| 5 | 212 42 | 212 21 | 212 0 | 211 39 | 211 18 | 210 57 | 210 35 | 210 13 | 209 50 | |
| 6 | 213 40 | 213 20 | 212 59 | 212 38 | 212 17 | 211 56 | 211 34 | 211 12 | 210 50 | |
| 7 | 214 39 | 214 18 | 213 58 | 213 37 | 213 16 | 212 55 | 212 33 | 212 12 | 211 50 | |
| 8 | 215 37 | 215 17 | 214 57 | 214 36 | 214 15 | 213 54 | 213 33 | 213 12 | 212 50 | |
| 9 | 216 36 | 216 16 | 215 56 | 215 36 | 215 15 | 214 54 | 214 33 | 214 12 | 213 51 | |
| 10 | 217 35 | 217 15 | 216 55 | 216 35 | 216 15 | 215 54 | 215 33 | 215 12 | 214 51 | |
| 11 | 218 34 | 218 14 | 217 54 | 217 35 | 217 15 | 216 54 | 216 33 | 216 13 | 215 52 | |
| 12 | 219 33 | 219 14 | 218 54 | 218 35 | 218 15 | 217 55 | 217 34 | 217 14 | 216 53 | |
| 13 | 220 32 | 220 13 | 219 54 | 219 35 | 219 15 | 218 56 | 218 35 | 218 15 | 217 54 | |
| 14 | 221 31 | 221 13 | 220 54 | 220 35 | 220 16 | 219 57 | 219 36 | 219 16 | 218 56 | |
| 15 | 222 31 | 222 13 | 221 54 | 221 36 | 221 17 | 220 58 | 220 38 | 220 18 | 219 58 | |
| 16 | 223 31 | 223 13 | 222 54 | 222 36 | 222 18 | 221 59 | 221 39 | 221 19 | 221 0 | |
| 17 | 224 31 | 224 13 | 223 55 | 223 37 | 223 19 | 223 0 | 222 40 | 222 21 | 222 2 | |
| 18 | 225 31 | 225 14 | 224 56 | 224 38 | 224 20 | 224 1 | 223 42 | 223 23 | 223 4 | |
| 19 | 226 32 | 226 14 | 225 57 | 225 39 | 225 21 | 225 3 | 224 44 | 224 25 | 224 7 | |
| 20 | 227 33 | 227 15 | 226 58 | 226 40 | 226 23 | 226 5 | 225 46 | 225 28 | 225 10 | |
| 21 | 228 33 | 228 16 | 227 59 | 227 42 | 227 25 | 227 7 | 226 49 | 226 31 | 226 13 | |
| 22 | 229 34 | 229 17 | 229 0 | 228 44 | 228 27 | 228 9 | 227 52 | 227 34 | 227 16 | |
| 23 | 230 35 | 230 18 | 230 2 | 229 46 | 229 29 | 229 12 | 228 55 | 228 37 | 228 20 | |
| 24 | 231 36 | 231 20 | 231 4 | 230 48 | 230 32 | 230 15 | 229 58 | 229 41 | 229 24 | |
| 25 | 232 38 | 232 22 | 232 6 | 231 51 | 231 35 | 231 18 | 231 2 | 230 45 | 230 28 | |
| 26 | 233 40 | 233 24 | 233 9 | 232 54 | 232 38 | 232 22 | 232 6 | 231 49 | 231 33 | |
| 27 | 234 42 | 234 27 | 234 12 | 233 57 | 233 42 | 233 26 | 233 10 | 232 50 | 232 38 | |
| 28 | 235 44 | 235 29 | 235 15 | 235 0 | 234 45 | 234 30 | 234 14 | 233 58 | 233 43 | |
| 29 | 236 46 | 236 32 | 236 18 | 236 3 | 235 49 | 235 34 | 235 18 | 235 3 | 234 48 | |
| 30 | 237 48 | 237 35 | 237 21 | 237 7 | 236 53 | 236 38 | 236 23 | 236 8 | 235 53 | |

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| Latitudo Septentrionalis | | | | | | | | | | | | | | | | | | |
|--------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|-----|----|-----|----|-----|----|-----|----|
| 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 0 | 0 | | | | | | | | | |
| 5 | 5 m | 5 m | 5 m | 5 m | 5 m | 5 m | 5 m | 5 m | 5 m | | | | | | | | | |
| 0 | 239 | 32 | 239 | 20 | 239 | 7 | 238 | 55 | 238 | 42 | 238 | 29 | 238 | 15 | 238 | 2 | 237 | 48 |
| 1 | 240 | 32 | 240 | 20 | 240 | 7 | 239 | 55 | 239 | 43 | 239 | 30 | 239 | 17 | 239 | 4 | 238 | 51 |
| 2 | 241 | 32 | 241 | 20 | 241 | 8 | 240 | 56 | 240 | 44 | 240 | 31 | 240 | 19 | 240 | 6 | 239 | 54 |
| 3 | 242 | 32 | 242 | 21 | 242 | 9 | 241 | 57 | 241 | 45 | 241 | 33 | 241 | 21 | 241 | 9 | 240 | 57 |
| 4 | 243 | 32 | 243 | 21 | 243 | 9 | 242 | 58 | 242 | 46 | 242 | 35 | 242 | 23 | 242 | 11 | 242 | 0 |
| 5 | 244 | 32 | 244 | 21 | 244 | 10 | 243 | 59 | 243 | 48 | 243 | 37 | 243 | 25 | 243 | 14 | 243 | 3 |
| 6 | 245 | 32 | 245 | 22 | 245 | 11 | 245 | 1 | 244 | 50 | 244 | 39 | 244 | 28 | 244 | 17 | 244 | 6 |
| 7 | 246 | 32 | 246 | 22 | 246 | 12 | 246 | 2 | 245 | 52 | 245 | 41 | 245 | 31 | 245 | 20 | 245 | 9 |
| 8 | 247 | 33 | 247 | 23 | 247 | 13 | 247 | 4 | 246 | 54 | 246 | 44 | 246 | 34 | 246 | 23 | 246 | 13 |
| 9 | 248 | 33 | 248 | 24 | 248 | 15 | 248 | 6 | 247 | 56 | 247 | 47 | 247 | 37 | 247 | 27 | 247 | 17 |
| 10 | 249 | 33 | 249 | 25 | 249 | 16 | 249 | 7 | 248 | 58 | 248 | 49 | 248 | 40 | 248 | 30 | 248 | 21 |
| 11 | 250 | 34 | 250 | 26 | 250 | 17 | 250 | 9 | 250 | 0 | 249 | 52 | 249 | 43 | 249 | 34 | 249 | 25 |
| 12 | 251 | 35 | 251 | 27 | 251 | 19 | 251 | 11 | 251 | 3 | 250 | 55 | 250 | 46 | 250 | 38 | 250 | 29 |
| 13 | 252 | 36 | 252 | 28 | 252 | 21 | 252 | 13 | 252 | 5 | 251 | 58 | 251 | 49 | 251 | 42 | 251 | 33 |
| 14 | 253 | 37 | 253 | 30 | 253 | 23 | 253 | 15 | 253 | 8 | 253 | 1 | 252 | 53 | 252 | 46 | 252 | 38 |
| 15 | 254 | 38 | 254 | 32 | 254 | 25 | 254 | 18 | 254 | 11 | 254 | 4 | 253 | 57 | 253 | 50 | 253 | 43 |
| 16 | 255 | 39 | 255 | 33 | 255 | 27 | 255 | 20 | 255 | 14 | 255 | 7 | 255 | 1 | 254 | 54 | 254 | 47 |
| 17 | 256 | 40 | 256 | 35 | 256 | 29 | 256 | 23 | 256 | 17 | 256 | 11 | 256 | 5 | 255 | 58 | 255 | 52 |
| 18 | 257 | 42 | 257 | 37 | 257 | 31 | 257 | 26 | 257 | 20 | 257 | 15 | 257 | 9 | 257 | 3 | 256 | 57 |
| 19 | 258 | 43 | 258 | 38 | 258 | 33 | 258 | 28 | 258 | 23 | 258 | 18 | 258 | 13 | 258 | 7 | 258 | 2 |
| 20 | 259 | 44 | 259 | 40 | 259 | 35 | 259 | 31 | 259 | 26 | 259 | 21 | 259 | 17 | 259 | 12 | 259 | 7 |
| 21 | 260 | 46 | 260 | 42 | 260 | 38 | 260 | 34 | 260 | 29 | 260 | 25 | 260 | 21 | 260 | 17 | 260 | 12 |
| 22 | 261 | 47 | 261 | 44 | 261 | 40 | 261 | 36 | 261 | 32 | 261 | 28 | 261 | 25 | 261 | 21 | 261 | 17 |
| 23 | 262 | 48 | 262 | 46 | 262 | 42 | 262 | 39 | 262 | 35 | 262 | 32 | 262 | 29 | 262 | 25 | 262 | 22 |
| 24 | 263 | 50 | 263 | 48 | 263 | 45 | 263 | 42 | 263 | 39 | 263 | 36 | 263 | 33 | 263 | 30 | 263 | 27 |
| 25 | 264 | 51 | 264 | 50 | 264 | 47 | 264 | 45 | 264 | 42 | 264 | 40 | 264 | 37 | 264 | 35 | 264 | 33 |
| 26 | 265 | 53 | 265 | 52 | 265 | 49 | 265 | 48 | 265 | 45 | 265 | 44 | 265 | 41 | 265 | 40 | 265 | 38 |
| 27 | 266 | 55 | 266 | 54 | 266 | 52 | 266 | 51 | 266 | 49 | 266 | 48 | 266 | 46 | 266 | 45 | 266 | 43 |
| 28 | 267 | 56 | 267 | 56 | 267 | 54 | 267 | 54 | 267 | 52 | 267 | 52 | 267 | 50 | 267 | 50 | 267 | 48 |
| 29 | 268 | 58 | 268 | 58 | 268 | 57 | 268 | 57 | 268 | 56 | 268 | 56 | 268 | 55 | 268 | 55 | 268 | 54 |
| 30 | 270 | 0 | 270 | 0 | 270 | 0 | 270 | 0 | 270 | 0 | 270 | 0 | 270 | 0 | 270 | 0 | 270 | 0 |

Lex Mediationum

Latitudo Meridiana

| | 0 | | 1 | | 2 | | 3 | | 4 | | 5 | | 6 | | 7 | | 8 | |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| T S | S m | S m | S m | S m | S m | S m | S m | S m | S m | S m | S m | S m | S m | S m | S m | S m | S m | S m |
| 0 | 237 48 | 237 35 | 237 21 | 237 7 | 236 53 | 236 37 | 236 23 | 236 8 | 235 53 | | | | | | | | | |
| 1 | 238 51 | 238 38 | 238 24 | 238 10 | 237 57 | 237 42 | 237 28 | 237 13 | 236 59 | | | | | | | | | |
| 2 | 239 54 | 239 41 | 239 27 | 239 14 | 239 1 | 238 47 | 238 33 | 238 19 | 238 5 | | | | | | | | | |
| 3 | 240 57 | 240 44 | 240 31 | 240 18 | 240 5 | 239 52 | 239 38 | 239 25 | 239 11 | | | | | | | | | |
| 4 | 242 0 | 241 47 | 241 34 | 241 22 | 241 10 | 240 57 | 240 44 | 240 31 | 240 17 | | | | | | | | | |
| 5 | 243 3 | 242 51 | 242 39 | 242 27 | 242 15 | 242 2 | 241 50 | 241 37 | 241 24 | | | | | | | | | |
| 6 | 244 6 | 243 55 | 243 43 | 243 32 | 243 20 | 243 8 | 242 56 | 242 44 | 242 31 | | | | | | | | | |
| 7 | 245 9 | 244 59 | 244 47 | 244 37 | 244 25 | 244 13 | 244 2 | 243 50 | 243 38 | | | | | | | | | |
| 8 | 246 13 | 246 3 | 245 52 | 245 42 | 245 30 | 245 19 | 245 8 | 244 56 | 244 45 | | | | | | | | | |
| 9 | 247 17 | 247 7 | 246 57 | 246 47 | 246 36 | 246 25 | 246 14 | 246 3 | 245 52 | | | | | | | | | |
| 10 | 248 21 | 248 11 | 248 2 | 247 52 | 247 42 | 247 31 | 247 21 | 247 10 | 247 0 | | | | | | | | | |
| 11 | 249 25 | 249 16 | 249 7 | 248 57 | 248 48 | 248 38 | 248 28 | 248 18 | 248 8 | | | | | | | | | |
| 12 | 250 29 | 250 21 | 250 12 | 250 3 | 249 54 | 249 45 | 249 35 | 249 26 | 249 16 | | | | | | | | | |
| 13 | 251 33 | 251 26 | 251 17 | 251 9 | 251 0 | 250 51 | 250 42 | 250 33 | 250 24 | | | | | | | | | |
| 14 | 252 38 | 252 31 | 252 22 | 252 15 | 252 6 | 251 58 | 251 49 | 251 41 | 251 32 | | | | | | | | | |
| 15 | 253 43 | 253 36 | 253 28 | 253 21 | 253 13 | 253 5 | 252 57 | 252 49 | 252 41 | | | | | | | | | |
| 16 | 254 47 | 254 41 | 254 33 | 254 27 | 254 19 | 254 12 | 254 4 | 253 57 | 253 49 | | | | | | | | | |
| 17 | 255 52 | 255 46 | 255 39 | 255 33 | 255 26 | 255 19 | 255 12 | 255 5 | 254 58 | | | | | | | | | |
| 18 | 256 57 | 256 51 | 256 45 | 256 39 | 256 33 | 256 27 | 256 20 | 256 14 | 256 7 | | | | | | | | | |
| 19 | 258 2 | 257 56 | 257 51 | 257 45 | 257 40 | 257 34 | 257 28 | 257 22 | 257 16 | | | | | | | | | |
| 20 | 259 7 | 259 2 | 258 57 | 258 52 | 258 47 | 258 41 | 258 36 | 258 30 | 258 25 | | | | | | | | | |
| 21 | 260 12 | 260 8 | 260 3 | 259 59 | 259 54 | 259 49 | 259 44 | 259 39 | 259 34 | | | | | | | | | |
| 22 | 261 17 | 261 13 | 261 9 | 261 5 | 261 1 | 260 56 | 260 52 | 260 48 | 260 43 | | | | | | | | | |
| 23 | 262 22 | 262 18 | 262 15 | 262 11 | 262 8 | 262 4 | 262 0 | 261 57 | 261 52 | | | | | | | | | |
| 24 | 263 27 | 263 24 | 263 21 | 263 18 | 263 15 | 263 12 | 263 9 | 263 6 | 263 2 | | | | | | | | | |
| 25 | 264 33 | 264 30 | 264 27 | 264 25 | 264 22 | 264 20 | 264 17 | 264 15 | 264 11 | | | | | | | | | |
| 26 | 265 38 | 265 36 | 265 33 | 265 32 | 265 29 | 265 28 | 265 25 | 265 24 | 265 21 | | | | | | | | | |
| 27 | 266 43 | 266 42 | 266 40 | 266 39 | 266 37 | 266 36 | 266 34 | 266 33 | 266 31 | | | | | | | | | |
| 28 | 267 48 | 267 48 | 267 46 | 267 46 | 267 44 | 267 44 | 267 42 | 267 42 | 267 40 | | | | | | | | | |
| 29 | 268 54 | 268 54 | 268 53 | 268 53 | 268 52 | 268 52 | 268 51 | 268 51 | 268 50 | | | | | | | | | |
| 30 | 270 0 | 270 0 | 270 0 | 270 0 | 270 0 | 270 0 | 270 0 | 270 0 | 270 0 | | | | | | | | | |

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Residuum Tabule

| Latitudo Septentrionalis | | | | | | | | | | |
|--------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| No | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | |
| D | B m | B m | B m | B m | B m | B m | B m | B m | B m | B m |
| 0 | 270 0 | 270 0 | 270 0 | 270 0 | 270 0 | 270 0 | 270 0 | 270 0 | 270 0 | 270 0 |
| 1 | 271 2 | 271 2 | 271 3 | 271 3 | 271 4 | 271 4 | 271 5 | 271 5 | 271 6 | |
| 2 | 272 4 | 272 4 | 272 6 | 272 6 | 272 8 | 272 8 | 272 10 | 272 10 | 272 12 | |
| 3 | 273 5 | 273 6 | 273 8 | 273 9 | 273 11 | 273 12 | 273 14 | 273 15 | 273 17 | |
| 4 | 274 7 | 274 8 | 274 11 | 274 12 | 274 15 | 274 16 | 274 19 | 274 20 | 274 22 | |
| 5 | 275 9 | 275 10 | 275 13 | 275 15 | 275 18 | 275 20 | 275 23 | 275 25 | 275 27 | |
| 6 | 276 10 | 276 12 | 276 15 | 276 18 | 276 21 | 276 24 | 276 27 | 276 30 | 276 33 | |
| 7 | 277 12 | 277 14 | 277 18 | 277 21 | 277 25 | 277 28 | 277 31 | 277 35 | 277 38 | |
| 8 | 278 13 | 278 16 | 278 20 | 278 24 | 278 28 | 278 32 | 278 35 | 278 39 | 278 43 | |
| 9 | 279 14 | 279 18 | 279 22 | 279 26 | 279 31 | 279 35 | 279 39 | 279 43 | 279 48 | |
| 10 | 280 16 | 280 20 | 280 25 | 280 29 | 280 34 | 280 39 | 280 43 | 280 48 | 280 53 | |
| 11 | 281 17 | 281 22 | 281 27 | 281 32 | 281 37 | 281 42 | 281 47 | 281 53 | 281 58 | |
| 12 | 282 18 | 282 23 | 282 29 | 282 34 | 282 40 | 282 45 | 282 51 | 282 57 | 283 3 | |
| 13 | 283 20 | 283 25 | 283 31 | 283 37 | 283 43 | 283 49 | 283 55 | 284 2 | 284 8 | |
| 14 | 284 21 | 284 27 | 284 33 | 284 40 | 284 46 | 284 53 | 284 59 | 285 6 | 285 13 | |
| 15 | 285 22 | 285 28 | 285 35 | 285 42 | 285 49 | 285 56 | 286 3 | 286 10 | 286 17 | |
| 16 | 286 23 | 286 30 | 286 37 | 286 45 | 286 52 | 286 59 | 287 7 | 287 14 | 287 22 | |
| 17 | 287 24 | 287 32 | 287 39 | 287 47 | 287 55 | 288 2 | 288 11 | 288 18 | 288 27 | |
| 18 | 288 25 | 288 33 | 288 41 | 288 49 | 288 57 | 289 5 | 289 14 | 289 22 | 289 31 | |
| 19 | 289 26 | 289 34 | 289 43 | 289 51 | 290 0 | 290 8 | 290 17 | 290 26 | 290 35 | |
| 20 | 290 27 | 290 35 | 290 44 | 290 53 | 291 2 | 291 11 | 291 20 | 291 30 | 291 39 | |
| 21 | 291 27 | 291 36 | 291 45 | 291 55 | 292 4 | 292 13 | 292 23 | 292 33 | 292 43 | |
| 22 | 292 27 | 292 37 | 292 47 | 292 56 | 293 6 | 293 16 | 293 26 | 293 37 | 293 47 | |
| 23 | 293 28 | 293 38 | 293 48 | 293 58 | 294 8 | 294 19 | 294 29 | 294 40 | 294 51 | |
| 24 | 294 28 | 294 38 | 294 49 | 294 59 | 295 10 | 295 21 | 295 32 | 295 43 | 295 54 | |
| 25 | 295 28 | 295 39 | 295 50 | 296 1 | 296 12 | 296 23 | 296 35 | 296 46 | 296 57 | |
| 26 | 296 28 | 296 39 | 296 51 | 297 2 | 297 14 | 297 25 | 297 37 | 297 49 | 298 0 | |
| 27 | 297 28 | 297 39 | 297 51 | 298 3 | 298 15 | 298 27 | 298 39 | 298 51 | 299 3 | |
| 28 | 298 28 | 298 40 | 298 52 | 299 4 | 299 16 | 299 29 | 299 42 | 299 54 | 300 6 | |
| 29 | 299 28 | 299 40 | 299 53 | 300 5 | 300 17 | 300 30 | 300 43 | 300 56 | 301 9 | |
| 30 | 300 28 | 300 40 | 300 53 | 301 5 | 301 18 | 301 31 | 301 45 | 301 58 | 302 12 | |

Celi Mediationum

| | | Latitudo Meridiana | | | | | | | | | |
|----|-----|--------------------|--------|--------|--------|--------|--------|--------|--------|--------|--|
| h | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | | |
| h | h m | h m | h m | h m | h m | h m | h m | h m | h m | h m | |
| 0 | 270 | 0 270 | 0 270 | 0 270 | 0 270 | 0 270 | 0 270 | 0 270 | 0 270 | 0 270 | |
| 1 | 271 | 6 271 | 6 271 | 7 271 | 7 271 | 8 271 | 8 271 | 9 271 | 9 271 | 10 271 | |
| 2 | 272 | 12 272 | 12 272 | 14 272 | 14 272 | 16 272 | 16 272 | 18 272 | 18 272 | 20 272 | |
| 3 | 273 | 17 273 | 19 273 | 20 273 | 21 273 | 23 273 | 24 273 | 26 273 | 27 273 | 29 273 | |
| 4 | 274 | 22 274 | 24 274 | 27 274 | 28 274 | 31 274 | 32 274 | 35 274 | 36 274 | 39 274 | |
| 5 | 275 | 27 275 | 30 275 | 33 275 | 35 275 | 38 275 | 40 275 | 43 275 | 45 275 | 49 275 | |
| 6 | 276 | 33 276 | 36 276 | 39 276 | 42 276 | 45 276 | 48 276 | 51 276 | 54 276 | 58 276 | |
| 7 | 277 | 38 277 | 42 277 | 45 277 | 49 277 | 52 277 | 56 277 | 0 278 | 0 278 | 8 278 | |
| 8 | 278 | 43 278 | 47 278 | 51 278 | 55 278 | 59 278 | 0 279 | 8 279 | 12 279 | 17 279 | |
| 9 | 279 | 48 279 | 52 279 | 57 279 | 0 280 | 6 280 | 11 280 | 16 280 | 21 280 | 26 280 | |
| 10 | 280 | 53 280 | 58 280 | 3 281 | 8 281 | 13 281 | 19 281 | 24 281 | 30 281 | 35 281 | |
| 11 | 281 | 58 281 | 4 282 | 9 282 | 15 282 | 20 282 | 26 282 | 32 282 | 38 282 | 44 282 | |
| 12 | 283 | 3 283 | 9 283 | 15 283 | 22 283 | 27 283 | 33 283 | 40 283 | 46 283 | 53 283 | |
| 13 | 284 | 8 284 | 14 284 | 21 284 | 27 284 | 34 284 | 41 284 | 48 284 | 55 284 | 2 285 | |
| 14 | 285 | 13 285 | 19 285 | 27 285 | 33 285 | 41 285 | 48 285 | 56 285 | 3 286 | 11 286 | |
| 15 | 286 | 17 286 | 24 286 | 32 286 | 30 286 | 47 286 | 55 286 | 3 287 | 11 287 | 19 287 | |
| 16 | 287 | 22 287 | 29 287 | 38 287 | 45 287 | 57 287 | 2 288 | 11 288 | 19 288 | 28 288 | |
| 17 | 288 | 27 288 | 34 288 | 43 288 | 51 288 | 0 289 | 9 289 | 18 289 | 27 289 | 36 289 | |
| 18 | 289 | 31 289 | 39 289 | 48 289 | 57 289 | 6 290 | 15 290 | 25 290 | 34 290 | 44 290 | |
| 19 | 290 | 35 290 | 44 290 | 53 290 | 3 291 | 12 291 | 22 291 | 32 291 | 42 291 | 52 291 | |
| 20 | 291 | 39 291 | 49 291 | 58 291 | 8 292 | 18 292 | 29 292 | 39 292 | 50 292 | 0 293 | |
| 21 | 292 | 43 292 | 53 292 | 3 293 | 13 293 | 24 293 | 35 293 | 46 293 | 57 293 | 8 294 | |
| 22 | 293 | 47 293 | 57 293 | 8 294 | 18 294 | 30 294 | 40 294 | 52 294 | 4 295 | 15 295 | |
| 23 | 294 | 51 294 | 1 295 | 13 295 | 23 295 | 35 295 | 47 295 | 58 295 | 10 296 | 22 296 | |
| 24 | 295 | 54 295 | 5 296 | 17 296 | 28 296 | 40 296 | 53 296 | 4 297 | 16 297 | 29 297 | |
| 25 | 296 | 57 296 | 9 297 | 21 297 | 33 297 | 45 297 | 58 297 | 10 298 | 23 298 | 36 298 | |
| 26 | 298 | 0 298 | 13 298 | 25 298 | 38 298 | 50 298 | 3 299 | 16 299 | 29 299 | 43 299 | |
| 27 | 299 | 3 299 | 16 299 | 29 299 | 42 299 | 55 299 | 8 300 | 22 300 | 35 300 | 49 300 | |
| 28 | 300 | 6 300 | 19 300 | 33 300 | 46 300 | 59 300 | 13 301 | 27 301 | 41 301 | 55 301 | |
| 29 | 301 | 9 301 | 22 301 | 36 301 | 50 301 | 3 302 | 18 302 | 32 302 | 47 302 | 3 303 | |
| 30 | 302 | 12 302 | 25 302 | 39 302 | 53 302 | 7 303 | 22 303 | 37 303 | 52 303 | 7 304 | |

Residuum Tabule

| Latitudo Septentrionalis | | | | | | | | | |
|--------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| m | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 |
| B | B m | B m | B m | B m | B m | B m | B m | B m | B m |
| 0 | 300 28 | 300 40 | 300 53 | 301 5 | 301 18 | 301 31 | 301 45 | 301 58 | 302 12 |
| 1 | 301 28 | 301 40 | 301 53 | 302 6 | 302 19 | 302 33 | 302 47 | 303 0 | 303 14 |
| 2 | 302 27 | 302 40 | 302 53 | 303 6 | 303 20 | 303 34 | 303 48 | 304 2 | 304 16 |
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| 4 | 304 25 | 304 39 | 304 53 | 305 7 | 305 22 | 305 36 | 305 51 | 306 5 | 306 20 |
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| 6 | 306 23 | 306 37 | 306 52 | 307 7 | 307 22 | 307 37 | 307 53 | 308 8 | 308 24 |
| 7 | 307 22 | 307 36 | 307 51 | 308 7 | 308 22 | 308 37 | 308 54 | 309 9 | 309 25 |
| 8 | 308 20 | 308 35 | 308 50 | 309 6 | 309 22 | 309 37 | 309 54 | 310 10 | 310 26 |
| 9 | 309 18 | 309 33 | 309 49 | 310 5 | 310 21 | 310 37 | 310 54 | 311 10 | 311 27 |
| 10 | 310 17 | 310 32 | 310 48 | 311 4 | 311 21 | 311 37 | 311 54 | 312 11 | 312 27 |
| 11 | 311 15 | 311 31 | 311 47 | 312 3 | 312 20 | 312 37 | 312 54 | 313 11 | 313 28 |
| 12 | 312 13 | 312 29 | 312 46 | 313 2 | 313 19 | 313 37 | 313 54 | 314 11 | 314 29 |
| 13 | 313 11 | 313 27 | 313 45 | 314 1 | 314 18 | 314 36 | 314 54 | 315 11 | 315 29 |
| 14 | 314 9 | 314 25 | 314 43 | 315 0 | 315 17 | 315 35 | 315 53 | 316 11 | 316 29 |
| 15 | 315 6 | 315 23 | 315 41 | 315 58 | 316 16 | 316 34 | 316 52 | 317 10 | 317 29 |
| 16 | 316 4 | 316 21 | 316 39 | 316 57 | 317 15 | 317 33 | 317 51 | 318 10 | 318 29 |
| 17 | 317 2 | 317 19 | 317 37 | 317 55 | 318 14 | 318 32 | 318 50 | 319 9 | 319 28 |
| 18 | 317 59 | 318 17 | 318 35 | 318 53 | 319 12 | 319 30 | 319 49 | 320 8 | 320 27 |
| 19 | 318 56 | 319 15 | 319 33 | 319 51 | 320 10 | 320 29 | 320 48 | 321 7 | 321 26 |
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| 21 | 320 50 | 321 9 | 321 28 | 321 47 | 322 6 | 322 25 | 322 45 | 323 4 | 323 24 |
| 22 | 321 47 | 322 6 | 322 25 | 322 45 | 323 4 | 323 23 | 323 43 | 324 3 | 324 23 |
| 23 | 322 44 | 323 3 | 323 22 | 323 42 | 324 2 | 324 21 | 324 41 | 325 1 | 325 21 |
| 24 | 323 40 | 323 59 | 324 19 | 324 39 | 324 59 | 325 19 | 325 39 | 325 59 | 326 20 |
| 25 | 324 37 | 324 56 | 325 16 | 325 36 | 325 56 | 326 17 | 326 37 | 326 57 | 327 18 |
| 26 | 325 33 | 325 53 | 326 13 | 326 33 | 326 53 | 327 14 | 327 35 | 327 55 | 328 16 |
| 27 | 326 29 | 326 49 | 327 9 | 327 29 | 327 50 | 328 11 | 328 32 | 328 53 | 329 14 |
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| 29 | 328 21 | 328 42 | 329 3 | 329 23 | 329 44 | 330 5 | 330 26 | 330 47 | 331 9 |
| 30 | 329 17 | 329 38 | 329 59 | 330 20 | 330 41 | 331 2 | 331 23 | 331 44 | 332 6 |

Leli Mediationum

Latitudo Meridiana

| | 0 | | 1 | | 2 | | 3 | | 4 | | 5 | | 6 | | 7 | | 8 | |
|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|
| x | B | m | B | m | B | m | B | m | B | m | B | m | B | m | B | m | B | m |
| 0 | 302 | 12 | 302 | 25 | 302 | 39 | 302 | 53 | 303 | 7 | 303 | 22 | 303 | 37 | 303 | 52 | 304 | 7 |
| 1 | 303 | 14 | 303 | 28 | 303 | 42 | 303 | 57 | 304 | 11 | 304 | 26 | 304 | 42 | 304 | 57 | 305 | 12 |
| 2 | 304 | 16 | 304 | 31 | 304 | 45 | 305 | 0 | 305 | 15 | 305 | 30 | 305 | 46 | 306 | 2 | 306 | 17 |
| 3 | 305 | 18 | 305 | 33 | 305 | 48 | 306 | 3 | 306 | 18 | 306 | 34 | 306 | 50 | 307 | 6 | 307 | 22 |
| 4 | 306 | 20 | 306 | 36 | 306 | 51 | 307 | 6 | 307 | 22 | 307 | 38 | 307 | 54 | 308 | 11 | 308 | 27 |
| 5 | 307 | 22 | 307 | 38 | 307 | 54 | 308 | 9 | 308 | 25 | 308 | 42 | 308 | 58 | 309 | 15 | 309 | 32 |
| 6 | 308 | 24 | 308 | 40 | 308 | 56 | 309 | 12 | 309 | 28 | 309 | 45 | 310 | 2 | 310 | 19 | 310 | 36 |
| 7 | 309 | 25 | 309 | 42 | 309 | 58 | 310 | 14 | 310 | 31 | 310 | 48 | 311 | 5 | 311 | 23 | 311 | 40 |
| 8 | 310 | 26 | 310 | 43 | 311 | 0 | 311 | 16 | 311 | 33 | 311 | 51 | 312 | 8 | 312 | 26 | 312 | 44 |
| 9 | 311 | 27 | 311 | 44 | 312 | 1 | 312 | 18 | 312 | 35 | 312 | 53 | 313 | 11 | 313 | 29 | 313 | 47 |
| 10 | 312 | 27 | 312 | 45 | 313 | 2 | 313 | 20 | 313 | 37 | 313 | 55 | 314 | 14 | 314 | 32 | 314 | 50 |
| 11 | 313 | 28 | 313 | 46 | 314 | 3 | 314 | 21 | 314 | 39 | 314 | 57 | 315 | 16 | 315 | 35 | 315 | 53 |
| 12 | 314 | 29 | 314 | 46 | 315 | 4 | 315 | 22 | 315 | 40 | 315 | 59 | 316 | 18 | 316 | 37 | 316 | 56 |
| 13 | 315 | 29 | 315 | 47 | 316 | 5 | 316 | 23 | 316 | 41 | 317 | 0 | 317 | 20 | 317 | 39 | 317 | 58 |
| 14 | 316 | 29 | 316 | 47 | 317 | 6 | 317 | 24 | 317 | 42 | 318 | 1 | 318 | 21 | 318 | 41 | 319 | 0 |
| 15 | 317 | 29 | 317 | 47 | 318 | 6 | 318 | 24 | 318 | 43 | 319 | 2 | 319 | 22 | 319 | 42 | 320 | 2 |
| 16 | 318 | 29 | 318 | 47 | 319 | 6 | 319 | 25 | 319 | 44 | 320 | 3 | 320 | 24 | 320 | 44 | 321 | 4 |
| 17 | 319 | 28 | 319 | 47 | 320 | 6 | 320 | 25 | 320 | 45 | 321 | 4 | 321 | 25 | 321 | 45 | 322 | 6 |
| 18 | 320 | 27 | 320 | 46 | 321 | 6 | 321 | 25 | 321 | 45 | 322 | 5 | 322 | 26 | 322 | 46 | 323 | 7 |
| 19 | 321 | 26 | 321 | 46 | 322 | 6 | 322 | 25 | 322 | 45 | 323 | 6 | 323 | 27 | 323 | 47 | 324 | 8 |
| 20 | 322 | 25 | 322 | 45 | 323 | 5 | 323 | 25 | 323 | 45 | 324 | 6 | 324 | 27 | 324 | 48 | 325 | 9 |
| 21 | 323 | 24 | 323 | 44 | 324 | 4 | 324 | 24 | 324 | 45 | 325 | 6 | 325 | 27 | 325 | 48 | 326 | 9 |
| 22 | 324 | 23 | 324 | 43 | 325 | 3 | 325 | 24 | 325 | 45 | 326 | 6 | 326 | 27 | 326 | 48 | 327 | 10 |
| 23 | 325 | 21 | 325 | 42 | 326 | 2 | 326 | 23 | 326 | 44 | 327 | 5 | 327 | 27 | 327 | 48 | 328 | 10 |
| 24 | 326 | 20 | 326 | 40 | 327 | 1 | 327 | 22 | 327 | 43 | 328 | 4 | 328 | 26 | 328 | 48 | 329 | 10 |
| 25 | 327 | 18 | 327 | 39 | 328 | 0 | 328 | 21 | 328 | 42 | 329 | 3 | 329 | 25 | 329 | 47 | 330 | 10 |
| 26 | 328 | 16 | 328 | 37 | 328 | 58 | 329 | 19 | 329 | 41 | 330 | 2 | 330 | 24 | 330 | 46 | 331 | 9 |
| 27 | 329 | 14 | 329 | 35 | 329 | 56 | 330 | 17 | 330 | 39 | 331 | 1 | 331 | 23 | 331 | 45 | 332 | 8 |
| 28 | 330 | 11 | 330 | 33 | 330 | 54 | 331 | 15 | 331 | 37 | 331 | 59 | 332 | 22 | 332 | 44 | 333 | 7 |
| 29 | 331 | 9 | 331 | 30 | 331 | 52 | 332 | 13 | 332 | 35 | 332 | 57 | 333 | 20 | 333 | 43 | 334 | 6 |
| 30 | 332 | 6 | 332 | 27 | 332 | 49 | 333 | 11 | 333 | 33 | 333 | 55 | 334 | 18 | 334 | 41 | 335 | 4 |

D L 3

Residuum Tabule

| Latitudo Septentrionalis | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|---|---|---|---|
| X | 8 | | 7 | | 6 | | 5 | | 4 | | 3 | | 2 | | 1 | | 0 | | | | | |
| B | B | m | B | m | B | m | B | m | B | m | B | m | B | m | B | m | B | m | B | m | B | m |
| 0 | 329 | 17 | 329 | 38 | 329 | 59 | 330 | 20 | 330 | 41 | 331 | 2 | 331 | 23 | 331 | 44 | 332 | 6 | | | | |
| 1 | 330 | 13 | 330 | 34 | 330 | 55 | 331 | 16 | 331 | 38 | 331 | 59 | 332 | 20 | 332 | 41 | 333 | 3 | | | | |
| 2 | 331 | 9 | 331 | 30 | 331 | 51 | 332 | 12 | 332 | 34 | 332 | 55 | 333 | 17 | 333 | 38 | 334 | 0 | | | | |
| 3 | 332 | 4 | 332 | 25 | 332 | 47 | 333 | 8 | 333 | 30 | 333 | 51 | 334 | 12 | 334 | 35 | 334 | 57 | | | | |
| 4 | 333 | 0 | 333 | 21 | 333 | 43 | 334 | 4 | 334 | 26 | 334 | 48 | 335 | 10 | 335 | 32 | 335 | 54 | | | | |
| 5 | 333 | 55 | 334 | 17 | 334 | 39 | 335 | 0 | 335 | 22 | 335 | 44 | 336 | 7 | 336 | 29 | 336 | 51 | | | | |
| 6 | 334 | 50 | 335 | 12 | 335 | 34 | 335 | 56 | 336 | 18 | 336 | 40 | 337 | 3 | 337 | 25 | 337 | 48 | | | | |
| 7 | 335 | 46 | 336 | 8 | 336 | 30 | 336 | 52 | 337 | 14 | 337 | 36 | 337 | 59 | 338 | 22 | 338 | 45 | | | | |
| 8 | 336 | 41 | 337 | 3 | 337 | 26 | 337 | 48 | 338 | 10 | 338 | 32 | 338 | 55 | 339 | 18 | 339 | 41 | | | | |
| 9 | 337 | 36 | 337 | 58 | 338 | 21 | 338 | 43 | 339 | 6 | 339 | 28 | 339 | 51 | 340 | 14 | 340 | 37 | | | | |
| 10 | 338 | 31 | 338 | 54 | 339 | 17 | 339 | 39 | 340 | 2 | 340 | 24 | 340 | 47 | 341 | 10 | 341 | 33 | | | | |
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| 13 | 341 | 16 | 341 | 39 | 342 | 2 | 342 | 25 | 342 | 49 | 343 | 12 | 343 | 35 | 343 | 58 | 344 | 21 | | | | |
| 14 | 342 | 11 | 342 | 34 | 342 | 57 | 343 | 20 | 343 | 44 | 344 | 7 | 344 | 30 | 344 | 53 | 345 | 17 | | | | |
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| 17 | 344 | 56 | 344 | 19 | 345 | 42 | 346 | 5 | 346 | 29 | 346 | 52 | 347 | 17 | 347 | 40 | 348 | 3 | | | | |
| 18 | 345 | 41 | 346 | 13 | 346 | 37 | 347 | 0 | 347 | 24 | 347 | 47 | 348 | 12 | 348 | 35 | 348 | 59 | | | | |
| 19 | 346 | 46 | 347 | 8 | 347 | 32 | 347 | 55 | 348 | 19 | 348 | 43 | 349 | 7 | 349 | 31 | 349 | 54 | | | | |
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| 24 | 351 | 20 | 351 | 43 | 352 | 7 | 352 | 30 | 352 | 54 | 353 | 18 | 353 | 42 | 354 | 6 | 354 | 30 | | | | |
| 25 | 352 | 15 | 352 | 38 | 353 | 2 | 353 | 26 | 353 | 50 | 354 | 14 | 354 | 38 | 355 | 2 | 355 | 25 | | | | |
| 26 | 353 | 10 | 353 | 33 | 353 | 57 | 354 | 21 | 354 | 45 | 355 | 9 | 355 | 33 | 355 | 57 | 356 | 20 | | | | |
| 27 | 354 | 4 | 354 | 28 | 354 | 52 | 355 | 16 | 355 | 40 | 356 | 4 | 356 | 28 | 356 | 52 | 357 | 15 | | | | |
| 28 | 354 | 59 | 355 | 23 | 355 | 47 | 356 | 11 | 356 | 35 | 356 | 59 | 357 | 23 | 357 | 47 | 358 | 10 | | | | |
| 39 | 355 | 54 | 356 | 18 | 356 | 42 | 357 | 6 | 357 | 30 | 357 | 54 | 358 | 18 | 358 | 42 | 359 | 5 | | | | |
| 30 | 356 | 48 | 357 | 13 | 357 | 37 | 358 | 1 | 358 | 25 | 358 | 49 | 359 | 13 | 359 | 37 | 360 | 0 | | | | |

Leli Mediationum

| Latitudo Meridiana | | | | | | | | | | | | | | | | | | |
|--------------------|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|
| Xl | 0 | | 1 | | 2 | | 3 | | 4 | | 5 | | 6 | | 7 | | 8 | |
| H | B | m | B | m | B | m | B | m | B | m | B | m | B | m | B | m | B | m |
| 0 | 332 | 6 | 332 | 27 | 332 | 49 | 333 | 11 | 333 | 33 | 333 | 55 | 334 | 18 | 334 | 41 | 335 | 4 |
| 1 | 333 | 3 | 333 | 25 | 333 | 47 | 334 | 9 | 334 | 31 | 334 | 53 | 335 | 16 | 335 | 39 | 336 | 3 |
| 2 | 334 | 0 | 334 | 22 | 334 | 44 | 335 | 6 | 335 | 29 | 335 | 51 | 336 | 14 | 336 | 37 | 337 | 1 |
| 3 | 334 | 57 | 335 | 19 | 335 | 41 | 336 | 3 | 336 | 26 | 336 | 49 | 337 | 12 | 337 | 35 | 337 | 59 |
| 4 | 335 | 54 | 336 | 16 | 336 | 39 | 337 | 1 | 337 | 24 | 337 | 47 | 338 | 10 | 338 | 33 | 338 | 57 |
| 5 | 336 | 51 | 337 | 13 | 337 | 36 | 337 | 58 | 338 | 21 | 338 | 44 | 339 | 8 | 339 | 31 | 339 | 55 |
| 6 | 337 | 48 | 338 | 10 | 338 | 33 | 338 | 55 | 339 | 18 | 339 | 41 | 340 | 5 | 340 | 28 | 340 | 52 |
| 7 | 338 | 45 | 339 | 7 | 339 | 30 | 339 | 52 | 340 | 15 | 340 | 38 | 341 | 2 | 341 | 25 | 341 | 49 |
| 8 | 339 | 41 | 340 | 4 | 340 | 27 | 340 | 49 | 341 | 12 | 341 | 35 | 341 | 59 | 342 | 22 | 342 | 46 |
| 9 | 340 | 37 | 341 | 0 | 341 | 23 | 341 | 46 | 342 | 9 | 342 | 32 | 342 | 56 | 343 | 19 | 343 | 43 |
| 10 | 341 | 33 | 341 | 56 | 342 | 19 | 342 | 42 | 343 | 6 | 343 | 29 | 343 | 53 | 344 | 16 | 344 | 40 |
| 11 | 342 | 29 | 342 | 52 | 343 | 15 | 343 | 38 | 344 | 2 | 344 | 25 | 344 | 49 | 345 | 13 | 345 | 37 |
| 12 | 343 | 25 | 343 | 48 | 344 | 11 | 344 | 34 | 344 | 58 | 345 | 21 | 345 | 45 | 346 | 9 | 346 | 33 |
| 13 | 344 | 21 | 344 | 42 | 345 | 7 | 345 | 30 | 345 | 54 | 346 | 18 | 346 | 42 | 347 | 6 | 347 | 30 |
| 14 | 345 | 17 | 345 | 40 | 346 | 3 | 346 | 26 | 346 | 50 | 347 | 14 | 347 | 38 | 348 | 2 | 348 | 26 |
| 15 | 346 | 12 | 346 | 35 | 346 | 59 | 347 | 22 | 348 | 46 | 348 | 10 | 348 | 34 | 348 | 58 | 349 | 22 |
| 16 | 347 | 8 | 347 | 31 | 347 | 55 | 348 | 18 | 348 | 42 | 349 | 6 | 349 | 30 | 349 | 54 | 350 | 18 |
| 17 | 348 | 3 | 348 | 27 | 348 | 51 | 349 | 14 | 349 | 38 | 350 | 2 | 350 | 26 | 350 | 50 | 351 | 14 |
| 18 | 348 | 59 | 349 | 22 | 349 | 46 | 350 | 9 | 350 | 33 | 350 | 57 | 351 | 21 | 351 | 45 | 352 | 9 |
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| 20 | 350 | 49 | 351 | 13 | 351 | 37 | 352 | 1 | 352 | 25 | 352 | 49 | 353 | 13 | 353 | 37 | 354 | 1 |
| 21 | 351 | 45 | 352 | 8 | 352 | 32 | 352 | 56 | 353 | 20 | 353 | 44 | 354 | 8 | 354 | 32 | 354 | 56 |
| 22 | 352 | 40 | 353 | 3 | 352 | 27 | 353 | 51 | 354 | 15 | 354 | 39 | 355 | 3 | 355 | 27 | 355 | 51 |
| 23 | 353 | 35 | 353 | 58 | 354 | 22 | 354 | 46 | 355 | 10 | 355 | 34 | 355 | 58 | 356 | 22 | 356 | 46 |
| 24 | 354 | 30 | 354 | 53 | 355 | 17 | 355 | 41 | 356 | 5 | 356 | 29 | 356 | 53 | 357 | 17 | 357 | 41 |
| 25 | 355 | 25 | 355 | 48 | 356 | 12 | 356 | 36 | 357 | 0 | 357 | 24 | 357 | 48 | 358 | 12 | 358 | 36 |
| 26 | 356 | 20 | 356 | 43 | 357 | 7 | 357 | 31 | 357 | 55 | 358 | 19 | 358 | 43 | 359 | 7 | 359 | 31 |
| 27 | 357 | 15 | 357 | 38 | 358 | 2 | 358 | 26 | 358 | 49 | 359 | 14 | 359 | 38 | 0 | 2 | 0 | 26 |
| 28 | 358 | 10 | 358 | 33 | 358 | 57 | 359 | 21 | 359 | 45 | 0 | 9 | 0 | 33 | 0 | 57 | 1 | 22 |
| 29 | 359 | 5 | 359 | 28 | 359 | 52 | 0 | 16 | 0 | 40 | 1 | 4 | 1 | 28 | 1 | 52 | 2 | 17 |
| 30 | 360 | 0 | 0 | 23 | 360 | 47 | 1 | 11 | 1 | 35 | 1 | 59 | 2 | 23 | 2 | 47 | 3 | 12 |

Tabula Generalis

| V | | | | δ | | | | II | | | |
|---------|----|--------------------|-------|---------|----|--------------------|--|---------|----|--------------------|--|
| Radix | | Numer ^o | | Radix | | Numer ^o | | Radix | | Numer ^o | |
| ascēſio | | multipli | | ascēſio | | multipli | | ascēſio | | multipli | |
| num | | cand ^o | | num | | cand ^o | | num | | cand ^o | |
| δ | δ | m | | δ | m | | | δ | m | | |
| 0 | 0 | 0 | 26089 | 33 | 11 | 22077 | | 62 | 6 | 12209 | |
| 1 | 1 | 6 | 26084 | 33 | 14 | 21822 | | 63 | 3 | 11823 | |
| 2 | 2 | 11 | 26069 | 34 | 16 | 21560 | | 64 | 0 | 11434 | |
| 3 | 3 | 16 | 26046 | 35 | 18 | 21292 | | 64 | 57 | 11044 | |
| 4 | 4 | 22 | 26013 | 36 | 20 | 21017 | | 65 | 54 | 10652 | |
| 5 | 5 | 27 | 25971 | 27 | 22 | 20734 | | 66 | 51 | 10258 | |
| 6 | 6 | 32 | 25919 | 38 | 23 | 20447 | | 67 | 47 | 9863 | |
| 7 | 7 | 38 | 25857 | 39 | 25 | 20155 | | 68 | 44 | 9465 | |
| 8 | 8 | 43 | 25787 | 40 | 26 | 19858 | | 69 | 40 | 9065 | |
| 9 | 9 | 48 | 25708 | 41 | 27 | 19554 | | 70 | 36 | 8664 | |
| 10 | 10 | 52 | 25619 | 42 | 28 | 19245 | | 71 | 33 | 8260 | |
| 11 | 11 | 58 | 25522 | 43 | 28 | 18931 | | 72 | 29 | 7854 | |
| 12 | 13 | 3 | 25415 | 44 | 28 | 18613 | | 73 | 25 | 7446 | |
| 13 | 14 | 8 | 25299 | 45 | 29 | 18291 | | 74 | 21 | 7037 | |
| 14 | 15 | 13 | 25174 | 46 | 29 | 17964 | | 75 | 17 | 6627 | |
| 15 | 16 | 17 | 25041 | 47 | 29 | 17631 | | 76 | 12 | 6217 | |
| 16 | 17 | 22 | 24898 | 47 | 29 | 17294 | | 77 | 8 | 5808 | |
| 17 | 18 | 27 | 24748 | 49 | 28 | 16955 | | 78 | 3 | 5398 | |
| 18 | 19 | 31 | 24590 | 50 | 27 | 16612 | | 78 | 58 | 4987 | |
| 19 | 20 | 35 | 24423 | 51 | 26 | 16264 | | 79 | 54 | 4575 | |
| 20 | 21 | 39 | 24248 | 52 | 25 | 15911 | | 80 | 49 | 4162 | |
| 21 | 22 | 43 | 24065 | 53 | 24 | 15554 | | 81 | 44 | 3748 | |
| 22 | 23 | 47 | 23873 | 54 | 23 | 15194 | | 82 | 40 | 3333 | |
| 23 | 24 | 51 | 23674 | 55 | 21 | 14832 | | 83 | 35 | 2918 | |
| 24 | 25 | 54 | 23468 | 56 | 19 | 14467 | | 84 | 30 | 2503 | |
| 25 | 26 | 57 | 23255 | 57 | 18 | 14098 | | 85 | 25 | 2087 | |
| 26 | 28 | 0 | 23035 | 58 | 16 | 13726 | | 86 | 20 | 1670 | |
| 27 | 29 | 3 | 22807 | 59 | 14 | 13351 | | 87 | 15 | 1253 | |
| 28 | 30 | 6 | 22571 | 60 | 12 | 12973 | | 88 | 10 | 836 | |
| 29 | 31 | 9 | 22327 | 61 | 9 | 12593 | | 89 | 5 | 418 | |
| 30 | 32 | 11 | 22077 | 62 | 0 | 12209 | | 90 | 0 | 0 | |

Celi Mediationum

| | ♁ | | ♂ | | ♃ | |
|----|-----------------|--------------------------------|-----------------|--------------------------------|-----------------|--------------------------------|
| | Radix | Numer ^o | Radix | Numer ^o | Radix | Numer ^o |
| | ascēſio/ num | multipli/ cand ^o | ascēſio/ num | multipli/ cand ^o | ascēſio/ num | multipli/ cand ^o |
| ♄ | ♄ m | | ♄ m | | ♄ m | |
| 0 | 90 0 | 0 | 117 54 | 12200 | 147 49 | 22077 |
| 1 | 90 55 | 418 | 118 51 | 12593 | 148 51 | 22327 |
| 2 | 91 50 | 836 | 119 48 | 12973 | 149 54 | 22571 |
| 3 | 92 45 | 1253 | 120 46 | 13351 | 150 57 | 22807 |
| 4 | 93 40 | 1670 | 121 44 | 13726 | 152 0 | 23035 |
| 5 | 94 35 | 2087 | 122 42 | 14098 | 153 3 | 23255 |
| 6 | 95 30 | 2503 | 123 41 | 14467 | 154 6 | 23464 |
| 7 | 96 25 | 2918 | 124 39 | 14832 | 155 9 | 23674 |
| 8 | 97 16 | 3333 | 125 37 | 15194 | 156 13 | 23873 |
| 9 | 98 16 | 3748 | 126 36 | 15554 | 157 17 | 24065 |
| 10 | 99 11 | 4162 | 127 35 | 15911 | 158 21 | 24248 |
| 11 | 100 6 | 4575 | 128 34 | 16264 | 159 25 | 24423 |
| 12 | 101 2 | 4987 | 129 33 | 16612 | 160 29 | 24590 |
| 13 | 101 57 | 5398 | 130 32 | 16955 | 161 33 | 24748 |
| 14 | 102 52 | 5808 | 131 31 | 17294 | 162 38 | 24898 |
| 15 | 103 48 | 6217 | 132 31 | 17631 | 163 43 | 25041 |
| 16 | 104 43 | 6627 | 133 31 | 17994 | 164 47 | 25174 |
| 17 | 105 39 | 7037 | 134 31 | 18291 | 165 52 | 25299 |
| 18 | 106 35 | 7446 | 135 32 | 18613 | 166 57 | 25415 |
| 19 | 107 31 | 7854 | 136 32 | 18931 | 168 2 | 25532 |
| 20 | 108 27 | 8260 | 137 32 | 19245 | 169 7 | 25619 |
| 21 | 109 24 | 8664 | 138 33 | 19554 | 170 12 | 25708 |
| 22 | 110 20 | 9065 | 139 34 | 19858 | 171 17 | 25787 |
| 23 | 111 16 | 9465 | 140 35 | 20155 | 172 22 | 25857 |
| 24 | 112 13 | 9863 | 141 37 | 20447 | 173 28 | 25919 |
| 25 | 113 9 | 10258 | 142 38 | 20734 | 174 33 | 25971 |
| 26 | 114 6 | 10652 | 143 40 | 21017 | 175 38 | 26013 |
| 27 | 115 3 | 11044 | 144 42 | 21292 | 176 44 | 26046 |
| 28 | 116 0 | 11434 | 145 44 | 21560 | 177 49 | 26069 |
| 29 | 116 57 | 11823 | 146 46 | 21822 | 178 54 | 26084 |
| 30 | 117 54 | 12209 | 147 49 | 22077 | 180 0 | 26089 |

Tabula Generalis

| | α | | | | | | μ | | | | | | ϕ | | | | | |
|----|---------|-------------------|----------|--------------------|-----|-------------------|---------|-------------------|----------|--------------------|-----|-------------------|---------|-------------------|----------|--------------------|--|--|
| | Radix | | | Numer ^o | | | Radix | | | Numer ^o | | | Radix | | | Numer ^o | | |
| | ascēſio | | multipli | ascēſio | | multipli | ascēſio | | multipli | ascēſio | | multipli | ascēſio | | multipli | | | |
| | num | cand ^o | num | cand ^o | num | cand ^o | num | cand ^o | num | cand ^o | num | cand ^o | num | cand ^o | | | | |
| δ | δ | m | | | | δ | m | | | | δ | m | | | | | | |
| 0 | 180 | 0 | 26089 | | | 212 | 11 | 22077 | | | 242 | 6 | 12209 | | | | | |
| 1 | 181 | 6 | 26084 | | | 213 | 14 | 21822 | | | 243 | 3 | 11823 | | | | | |
| 2 | 182 | 11 | 26069 | | | 214 | 16 | 21560 | | | 244 | 0 | 11434 | | | | | |
| 3 | 183 | 16 | 26046 | | | 215 | 18 | 21292 | | | 244 | 57 | 11044 | | | | | |
| 4 | 184 | 22 | 26013 | | | 216 | 20 | 21017 | | | 245 | 54 | 10652 | | | | | |
| 5 | 185 | 27 | 25971 | | | 217 | 22 | 20734 | | | 246 | 51 | 10258 | | | | | |
| 6 | 186 | 32 | 25919 | | | 218 | 23 | 20447 | | | 247 | 47 | 9863 | | | | | |
| 7 | 187 | 38 | 25857 | | | 219 | 25 | 20155 | | | 248 | 44 | 9465 | | | | | |
| 8 | 188 | 43 | 25787 | | | 220 | 26 | 19858 | | | 249 | 40 | 9065 | | | | | |
| 9 | 189 | 48 | 25708 | | | 221 | 27 | 19554 | | | 250 | 36 | 8664 | | | | | |
| 10 | 190 | 53 | 25619 | | | 222 | 28 | 19245 | | | 251 | 33 | 8260 | | | | | |
| 11 | 191 | 58 | 25522 | | | 223 | 28 | 18931 | | | 252 | 29 | 7854 | | | | | |
| 12 | 193 | 3 | 25415 | | | 224 | 28 | 18613 | | | 253 | 25 | 7446 | | | | | |
| 13 | 194 | 8 | 25249 | | | 225 | 29 | 18291 | | | 254 | 21 | 7037 | | | | | |
| 14 | 195 | 13 | 25174 | | | 226 | 29 | 17964 | | | 255 | 17 | 6627 | | | | | |
| 15 | 196 | 17 | 25041 | | | 227 | 29 | 17631 | | | 256 | 12 | 6217 | | | | | |
| 16 | 197 | 22 | 24898 | | | 228 | 29 | 17294 | | | 257 | 8 | 5808 | | | | | |
| 17 | 198 | 27 | 24748 | | | 229 | 28 | 16955 | | | 258 | 3 | 5398 | | | | | |
| 18 | 199 | 31 | 24590 | | | 230 | 27 | 16612 | | | 258 | 58 | 4987 | | | | | |
| 19 | 200 | 35 | 24423 | | | 231 | 26 | 16264 | | | 259 | 54 | 4575 | | | | | |
| 20 | 201 | 39 | 24248 | | | 232 | 25 | 15911 | | | 260 | 59 | 4165 | | | | | |
| 21 | 202 | 43 | 24065 | | | 233 | 24 | 15554 | | | 261 | 44 | 3748 | | | | | |
| 22 | 203 | 47 | 23873 | | | 234 | 23 | 15194 | | | 262 | 40 | 3333 | | | | | |
| 23 | 204 | 51 | 23674 | | | 235 | 21 | 14432 | | | 263 | 35 | 2918 | | | | | |
| 24 | 205 | 54 | 23468 | | | 236 | 19 | 14867 | | | 264 | 30 | 2503 | | | | | |
| 25 | 206 | 57 | 23255 | | | 237 | 18 | 14098 | | | 265 | 25 | 2087 | | | | | |
| 26 | 208 | 0 | 23035 | | | 238 | 16 | 13726 | | | 266 | 20 | 1670 | | | | | |
| 27 | 209 | 3 | 22807 | | | 239 | 14 | 13351 | | | 267 | 15 | 1253 | | | | | |
| 28 | 210 | 6 | 22571 | | | 240 | 12 | 12973 | | | 268 | 10 | 836 | | | | | |
| 29 | 211 | 9 | 22327 | | | 241 | 9 | 12593 | | | 269 | 5 | 418 | | | | | |
| 30 | 212 | 11 | 22077 | | | 242 | 6 | 12209 | | | 270 | 0 | 0 | | | | | |

Celi Mediationum

| | ♃ | | | ♄ | | | ♅ | | |
|----|-----------------|--------------------------------|--------------------|-----------------|--------------------------------|--------------------|-----------------|--------------------------------|--------------------|
| | Radix | | Numer ^o | Radix | | Numer ^o | Radix | | Numer ^o |
| | ascensio num | multipli canda ^o | | ascensio num | multipli canda ^o | | ascensio num | multipli canda ^o | |
| ♁ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ | |
| 0 | 270 | 0 | 0 | 297 | 54 | 12309 | 327 | 49 | 22077 |
| 1 | 270 | 55 | 418 | 298 | 51 | 12593 | 328 | 51 | 22327 |
| 2 | 271 | 50 | 836 | 299 | 48 | 12973 | 329 | 54 | 22571 |
| 3 | 272 | 45 | 1253 | 300 | 46 | 13351 | 330 | 57 | 22807 |
| 4 | 273 | 40 | 1670 | 301 | 44 | 13726 | 332 | 0 | 23035 |
| 5 | 274 | 35 | 2087 | 302 | 42 | 14098 | 333 | 3 | 23255 |
| 6 | 275 | 30 | 2503 | 303 | 41 | 14467 | 334 | 6 | 23468 |
| 7 | 276 | 25 | 2918 | 304 | 39 | 14832 | 335 | 9 | 23674 |
| 8 | 277 | 20 | 3333 | 305 | 37 | 15194 | 336 | 13 | 23873 |
| 9 | 278 | 16 | 3748 | 306 | 36 | 15554 | 337 | 17 | 24065 |
| 10 | 279 | 11 | 4162 | 307 | 35 | 15911 | 338 | 21 | 24248 |
| 11 | 280 | 6 | 4575 | 308 | 34 | 16264 | 339 | 25 | 24423 |
| 12 | 281 | 2 | 4987 | 309 | 33 | 16655 | 340 | 29 | 24590 |
| 13 | 281 | 57 | 5398 | 310 | 32 | 16994 | 341 | 33 | 24748 |
| 14 | 282 | 52 | 5808 | 311 | 31 | 17231 | 342 | 38 | 24898 |
| 15 | 283 | 48 | 6217 | 312 | 31 | 17664 | 343 | 43 | 25041 |
| 16 | 284 | 43 | 6627 | 313 | 31 | 17991 | 344 | 47 | 25174 |
| 17 | 285 | 39 | 7037 | 314 | 31 | 18213 | 345 | 52 | 25299 |
| 18 | 286 | 35 | 7446 | 315 | 32 | 18631 | 346 | 57 | 25415 |
| 19 | 287 | 31 | 7854 | 316 | 32 | 18931 | 348 | 2 | 25522 |
| 20 | 288 | 27 | 8260 | 317 | 32 | 19245 | 349 | 7 | 25619 |
| 21 | 289 | 24 | 8664 | 318 | 33 | 19554 | 350 | 12 | 25708 |
| 22 | 290 | 20 | 9065 | 319 | 34 | 19858 | 351 | 17 | 25787 |
| 23 | 291 | 16 | 9465 | 320 | 35 | 20155 | 352 | 22 | 25857 |
| 24 | 292 | 13 | 9863 | 321 | 37 | 20447 | 353 | 28 | 25919 |
| 25 | 293 | 9 | 10258 | 322 | 38 | 20734 | 354 | 33 | 25971 |
| 26 | 294 | 6 | 10652 | 323 | 40 | 21017 | 355 | 38 | 26013 |
| 27 | 295 | 3 | 11044 | 324 | 42 | 21292 | 356 | 44 | 26046 |
| 28 | 296 | 0 | 11434 | 325 | 44 | 21560 | 357 | 49 | 26069 |
| 29 | 296 | 57 | 11823 | 326 | 46 | 21822 | 358 | 54 | 26084 |
| 30 | 297 | 54 | 12209 | 327 | 49 | 22077 | 360 | 0 | 26089 |

Tabula

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

Differentiarum Ascensionalium

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

Residuum Tabule

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

Differentiarum Ascensionalium

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

Residuum Tabule

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

Diferentiarum Ascensionalium

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

B D I

Rfiduum Tabule

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

Differentiani Ascensionaliū

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

Tabula Ascensionum Rectarum

| | γ | δ | π | ε | Ω | η |
|----|-------|-------|-------|--------|--------|--------|
| δ | δ m | δ m | δ m | δ m | δ m | δ m |
| 0 | 0 0 | 27 54 | 57 48 | 90 0 | 122 12 | 152 6 |
| 1 | 0 55 | 28 51 | 58 51 | 91 6 | 123 14 | 153 3 |
| 2 | 1 50 | 29 49 | 59 54 | 92 12 | 124 16 | 154 0 |
| 3 | 2 45 | 30 46 | 60 57 | 93 17 | 125 18 | 154 57 |
| 4 | 3 40 | 31 44 | 62 0 | 94 22 | 126 20 | 155 54 |
| 5 | 4 35 | 32 42 | 63 3 | 95 27 | 127 22 | 156 51 |
| 6 | 5 30 | 33 40 | 64 8 | 96 33 | 128 24 | 157 48 |
| 7 | 6 25 | 34 39 | 65 9 | 97 38 | 129 25 | 158 45 |
| 8 | 7 20 | 35 37 | 66 13 | 98 43 | 130 26 | 159 41 |
| 9 | 8 15 | 36 36 | 67 17 | 99 48 | 131 27 | 160 37 |
| 10 | 9 11 | 37 35 | 68 21 | 100 53 | 132 27 | 161 33 |
| 11 | 10 6 | 38 34 | 69 25 | 101 58 | 133 28 | 162 29 |
| 12 | 11 1 | 39 33 | 70 29 | 103 3 | 134 29 | 163 25 |
| 13 | 11 57 | 40 32 | 71 33 | 104 8 | 135 29 | 164 21 |
| 14 | 12 52 | 41 31 | 72 38 | 105 13 | 136 29 | 165 17 |
| 15 | 13 48 | 42 31 | 73 43 | 106 17 | 137 29 | 166 12 |
| 16 | 14 43 | 43 31 | 74 47 | 107 22 | 138 29 | 167 8 |
| 17 | 15 39 | 44 31 | 75 52 | 108 27 | 139 28 | 168 2 |
| 18 | 16 35 | 45 31 | 76 57 | 109 31 | 140 27 | 168 59 |
| 19 | 17 31 | 46 32 | 78 2 | 110 35 | 141 26 | 169 54 |
| 20 | 18 27 | 47 33 | 79 7 | 111 39 | 142 25 | 170 49 |
| 21 | 19 23 | 48 33 | 80 12 | 112 43 | 143 24 | 171 45 |
| 22 | 20 19 | 49 34 | 81 17 | 113 47 | 144 23 | 172 40 |
| 23 | 21 15 | 50 35 | 82 22 | 114 51 | 145 21 | 173 35 |
| 24 | 22 12 | 51 36 | 83 27 | 115 54 | 146 20 | 174 30 |
| 25 | 23 9 | 52 38 | 84 39 | 116 57 | 147 18 | 175 25 |
| 26 | 24 6 | 53 40 | 85 38 | 118 0 | 148 16 | 176 20 |
| 27 | 25 3 | 54 42 | 86 43 | 119 3 | 149 14 | 177 15 |
| 28 | 26 0 | 55 44 | 87 48 | 120 6 | 150 11 | 178 10 |
| 29 | 26 57 | 56 46 | 88 54 | 121 9 | 151 9 | 179 5 |
| 30 | 27 54 | 57 48 | 90 0 | 122 12 | 152 6 | 180 0 |

Residuum Tabule Ascensionum Rectarum.

| h | p | | m | | F | | b | | z | | X | |
|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|
| | h | m | h | m | h | m | h | m | h | m | h | m |
| 0 | 180 | 0 | 207 | 54 | 237 | 48 | 270 | 0 | 302 | 12 | 332 | 6 |
| 1 | 180 | 55 | 208 | 51 | 238 | 51 | 271 | 6 | 303 | 14 | 333 | 3 |
| 2 | 181 | 50 | 209 | 49 | 239 | 54 | 272 | 12 | 304 | 16 | 334 | 0 |
| 3 | 182 | 45 | 210 | 46 | 240 | 57 | 273 | 17 | 305 | 18 | 334 | 57 |
| 4 | 183 | 40 | 211 | 44 | 242 | 0 | 274 | 22 | 306 | 20 | 335 | 54 |
| 5 | 184 | 35 | 212 | 42 | 243 | 3 | 275 | 27 | 307 | 22 | 336 | 51 |
| 6 | 185 | 30 | 213 | 40 | 244 | 6 | 276 | 33 | 308 | 24 | 337 | 48 |
| 7 | 186 | 25 | 214 | 39 | 245 | 9 | 277 | 38 | 309 | 25 | 338 | 45 |
| 8 | 187 | 20 | 215 | 37 | 246 | 13 | 278 | 43 | 310 | 26 | 339 | 41 |
| 9 | 188 | 15 | 216 | 36 | 247 | 17 | 279 | 48 | 311 | 27 | 340 | 37 |
| 10 | 189 | 11 | 217 | 35 | 248 | 21 | 280 | 53 | 312 | 27 | 341 | 33 |
| 11 | 190 | 6 | 218 | 34 | 249 | 25 | 281 | 58 | 313 | 28 | 342 | 29 |
| 12 | 191 | 1 | 219 | 33 | 250 | 29 | 283 | 3 | 314 | 29 | 343 | 25 |
| 13 | 191 | 57 | 220 | 32 | 251 | 33 | 284 | 8 | 315 | 29 | 344 | 21 |
| 14 | 192 | 52 | 221 | 31 | 252 | 38 | 285 | 13 | 316 | 29 | 345 | 17 |
| 15 | 193 | 48 | 222 | 31 | 253 | 43 | 286 | 17 | 317 | 29 | 346 | 12 |
| 16 | 194 | 43 | 223 | 31 | 254 | 47 | 287 | 22 | 318 | 29 | 347 | 8 |
| 17 | 195 | 39 | 224 | 31 | 255 | 52 | 288 | 27 | 319 | 28 | 348 | 3 |
| 18 | 196 | 35 | 225 | 31 | 256 | 57 | 289 | 31 | 320 | 27 | 348 | 59 |
| 19 | 197 | 31 | 226 | 32 | 258 | 2 | 290 | 35 | 321 | 26 | 349 | 54 |
| 20 | 198 | 27 | 227 | 33 | 259 | 7 | 291 | 39 | 322 | 25 | 350 | 50 |
| 21 | 199 | 23 | 228 | 33 | 260 | 12 | 292 | 43 | 323 | 24 | 351 | 45 |
| 22 | 200 | 19 | 229 | 34 | 261 | 17 | 293 | 45 | 324 | 23 | 352 | 40 |
| 23 | 201 | 15 | 230 | 35 | 262 | 22 | 294 | 51 | 325 | 21 | 353 | 35 |
| 24 | 202 | 12 | 231 | 36 | 263 | 27 | 295 | 54 | 326 | 20 | 354 | 30 |
| 25 | 203 | 9 | 232 | 38 | 264 | 33 | 296 | 57 | 327 | 18 | 355 | 25 |
| 26 | 204 | 6 | 233 | 40 | 265 | 38 | 298 | 0 | 328 | 16 | 356 | 20 |
| 27 | 205 | 3 | 234 | 42 | 266 | 43 | 299 | 3 | 329 | 14 | 357 | 15 |
| 28 | 206 | 0 | 235 | 44 | 267 | 48 | 300 | 6 | 330 | 11 | 358 | 10 |
| 29 | 206 | 57 | 236 | 46 | 268 | 54 | 301 | 9 | 331 | 9 | 359 | 5 |
| 30 | 207 | 54 | 237 | 48 | 270 | 0 | 302 | 12 | 332 | 6 | 360 | 0 |

DD 3

Ascensio recta sin Latitud.

Tabula Ascensionum Obliquarum.

| | γ | ϛ | π | ε | ζ | η |
|----|-------|-------|-------|--------|--------|--------|
| δ | δ m | δ m | δ m | δ m | δ m | δ m |
| 0 | 0 0 | 27 42 | 57 26 | 89 34 | 121 50 | 151 54 |
| 1 | 0 54 | 28 39 | 58 28 | 90 40 | 122 53 | 152 52 |
| 2 | 1 49 | 29 36 | 59 31 | 91 45 | 123 55 | 153 49 |
| 3 | 2 43 | 30 33 | 60 34 | 92 51 | 124 57 | 154 47 |
| 4 | 3 38 | 31 30 | 61 37 | 93 56 | 125 59 | 155 44 |
| 5 | 4 33 | 32 28 | 62 40 | 95 1 | 127 1 | 156 41 |
| 6 | 5 27 | 33 26 | 63 43 | 96 7 | 128 3 | 157 38 |
| 7 | 6 22 | 34 24 | 64 46 | 97 12 | 129 4 | 158 35 |
| 8 | 7 17 | 35 22 | 65 50 | 98 17 | 130 6 | 159 32 |
| 9 | 8 12 | 36 20 | 66 53 | 99 22 | 131 7 | 160 29 |
| 10 | 9 7 | 37 19 | 67 57 | 100 27 | 132 8 | 161 25 |
| 11 | 10 2 | 38 17 | 69 1 | 101 32 | 133 9 | 162 22 |
| 12 | 10 57 | 39 16 | 70 5 | 102 37 | 134 10 | 163 18 |
| 13 | 11 52 | 40 15 | 71 9 | 103 42 | 135 10 | 164 14 |
| 14 | 12 47 | 41 14 | 72 13 | 104 47 | 136 11 | 165 10 |
| 15 | 13 42 | 42 13 | 73 18 | 105 52 | 137 11 | 166 6 |
| 16 | 14 37 | 43 13 | 74 22 | 106 57 | 138 11 | 167 2 |
| 17 | 15 32 | 44 12 | 75 27 | 108 2 | 139 11 | 167 58 |
| 18 | 16 26 | 45 13 | 76 31 | 109 6 | 140 10 | 168 54 |
| 19 | 17 23 | 46 12 | 77 36 | 110 11 | 141 10 | 169 50 |
| 20 | 18 19 | 47 14 | 78 41 | 111 15 | 142 9 | 170 45 |
| 21 | 19 15 | 48 14 | 79 46 | 112 19 | 143 8 | 171 41 |
| 22 | 20 11 | 49 15 | 80 51 | 113 23 | 144 7 | 172 37 |
| 23 | 21 7 | 50 15 | 81 56 | 114 27 | 145 6 | 173 32 |
| 24 | 22 3 | 51 16 | 83 1 | 115 31 | 146 5 | 174 28 |
| 25 | 22 59 | 52 17 | 84 7 | 116 34 | 147 4 | 175 23 |
| 26 | 23 55 | 53 18 | 85 12 | 117 38 | 148 2 | 176 19 |
| 27 | 24 52 | 54 20 | 86 17 | 118 41 | 149 0 | 177 14 |
| 28 | 25 48 | 55 22 | 87 23 | 119 44 | 149 58 | 178 10 |
| 29 | 26 45 | 56 24 | 88 28 | 120 47 | 150 56 | 179 5 |
| 30 | 27 42 | 57 26 | 89 34 | 121 50 | 151 54 | 180 0 |

Ad latitudinem .i. Gradus

| h | ♈ | | ♉ | | ♊ | | ♋ | | ♌ | | ♍ | |
|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|
| | h | m | h | m | h | m | h | m | h | m | h | m |
| 0 | 180 | 0 | 208 | 6 | 238 | 10 | 270 | 26 | 302 | 34 | 332 | 18 |
| 1 | 180 | 55 | 209 | 4 | 239 | 13 | 271 | 32 | 303 | 36 | 333 | 15 |
| 2 | 181 | 50 | 210 | 2 | 240 | 16 | 272 | 37 | 304 | 38 | 334 | 12 |
| 3 | 182 | 46 | 211 | 0 | 241 | 19 | 273 | 43 | 305 | 40 | 335 | 8 |
| 4 | 183 | 41 | 211 | 58 | 242 | 22 | 274 | 48 | 306 | 42 | 336 | 5 |
| 5 | 184 | 37 | 212 | 56 | 243 | 26 | 275 | 53 | 307 | 43 | 337 | 1 |
| 6 | 185 | 32 | 213 | 55 | 244 | 29 | 276 | 59 | 308 | 44 | 337 | 57 |
| 7 | 186 | 28 | 214 | 54 | 245 | 33 | 278 | 4 | 309 | 45 | 338 | 53 |
| 8 | 187 | 23 | 215 | 53 | 246 | 37 | 279 | 9 | 310 | 45 | 339 | 49 |
| 9 | 188 | 19 | 216 | 52 | 247 | 41 | 280 | 14 | 311 | 46 | 340 | 45 |
| 10 | 189 | 15 | 217 | 51 | 248 | 45 | 281 | 19 | 312 | 46 | 341 | 41 |
| 11 | 190 | 10 | 218 | 50 | 249 | 49 | 282 | 24 | 313 | 47 | 342 | 37 |
| 12 | 191 | 6 | 219 | 50 | 250 | 54 | 283 | 29 | 314 | 47 | 343 | 32 |
| 13 | 192 | 2 | 220 | 49 | 251 | 58 | 284 | 33 | 315 | 47 | 344 | 28 |
| 14 | 192 | 58 | 221 | 49 | 253 | 3 | 285 | 38 | 316 | 47 | 345 | 23 |
| 15 | 193 | 54 | 222 | 49 | 254 | 8 | 286 | 42 | 317 | 47 | 346 | 18 |
| 16 | 194 | 50 | 223 | 49 | 255 | 13 | 287 | 47 | 318 | 46 | 347 | 13 |
| 17 | 195 | 46 | 224 | 50 | 256 | 18 | 288 | 51 | 319 | 45 | 348 | 8 |
| 18 | 196 | 42 | 225 | 50 | 257 | 23 | 289 | 55 | 320 | 44 | 349 | 3 |
| 19 | 197 | 38 | 226 | 51 | 258 | 28 | 290 | 59 | 321 | 43 | 349 | 58 |
| 20 | 198 | 35 | 227 | 52 | 259 | 33 | 292 | 3 | 322 | 41 | 350 | 53 |
| 21 | 199 | 31 | 228 | 53 | 260 | 38 | 293 | 7 | 323 | 40 | 351 | 48 |
| 22 | 200 | 28 | 229 | 54 | 261 | 43 | 294 | 10 | 324 | 38 | 352 | 43 |
| 23 | 201 | 25 | 230 | 56 | 262 | 48 | 295 | 14 | 325 | 36 | 353 | 38 |
| 24 | 202 | 22 | 231 | 57 | 263 | 53 | 296 | 17 | 326 | 34 | 354 | 33 |
| 25 | 203 | 19 | 232 | 59 | 264 | 59 | 297 | 20 | 327 | 32 | 355 | 27 |
| 26 | 204 | 16 | 234 | 1 | 266 | 4 | 298 | 23 | 328 | 30 | 356 | 22 |
| 27 | 205 | 13 | 235 | 3 | 267 | 9 | 299 | 26 | 329 | 27 | 357 | 17 |
| 28 | 206 | 11 | 236 | 5 | 268 | 15 | 300 | 29 | 330 | 24 | 358 | 11 |
| 29 | 207 | 8 | 237 | 7 | 269 | 20 | 301 | 32 | 331 | 21 | 359 | 6 |
| 30 | 208 | 6 | 238 | 10 | 270 | 26 | 302 | 34 | 332 | 18 | 360 | 0 |

) D 4

Tabula Ascensionum Obliquarum.

| ♁ | γ | | ♄ | | ♃ | | ♁ | | ♂ | | ♆ | |
|----|----|----|----|----|----|----|-----|----|-----|----|-----|----|
| | ♁ | ♂ | ♁ | ♂ | ♁ | ♂ | ♁ | ♂ | ♁ | ♂ | ♁ | ♂ |
| 0 | 0 | 0 | 27 | 30 | 57 | 4 | 89 | 8 | 121 | 20 | 151 | 42 |
| 1 | 0 | 54 | 28 | 26 | 58 | 6 | 90 | 14 | 122 | 31 | 152 | 40 |
| 2 | 1 | 48 | 29 | 23 | 59 | 8 | 91 | 19 | 123 | 33 | 153 | 38 |
| 3 | 2 | 42 | 30 | 20 | 60 | 11 | 92 | 25 | 124 | 36 | 154 | 35 |
| 4 | 3 | 38 | 31 | 17 | 61 | 13 | 93 | 30 | 125 | 38 | 155 | 33 |
| 5 | 4 | 31 | 32 | 14 | 62 | 16 | 94 | 35 | 126 | 40 | 156 | 30 |
| 6 | 5 | 25 | 33 | 11 | 63 | 19 | 95 | 41 | 127 | 42 | 157 | 28 |
| 7 | 6 | 19 | 34 | 9 | 64 | 22 | 96 | 46 | 128 | 44 | 158 | 25 |
| 8 | 7 | 14 | 35 | 7 | 65 | 25 | 97 | 52 | 129 | 45 | 159 | 22 |
| 9 | 8 | 8 | 36 | 5 | 66 | 28 | 98 | 57 | 130 | 47 | 160 | 19 |
| 10 | 9 | 3 | 37 | 3 | 67 | 32 | 100 | 2 | 131 | 48 | 161 | 16 |
| 11 | 9 | 57 | 38 | 1 | 68 | 36 | 101 | 7 | 132 | 50 | 162 | 13 |
| 12 | 10 | 52 | 39 | 0 | 69 | 40 | 102 | 12 | 133 | 51 | 163 | 10 |
| 13 | 11 | 46 | 39 | 58 | 70 | 44 | 103 | 17 | 134 | 52 | 164 | 7 |
| 14 | 12 | 41 | 40 | 57 | 71 | 48 | 104 | 22 | 135 | 53 | 165 | 4 |
| 15 | 13 | 36 | 41 | 56 | 72 | 53 | 105 | 27 | 136 | 54 | 166 | 0 |
| 16 | 14 | 30 | 42 | 55 | 73 | 57 | 106 | 32 | 137 | 54 | 166 | 57 |
| 17 | 15 | 25 | 43 | 55 | 75 | 2 | 107 | 37 | 138 | 54 | 167 | 53 |
| 18 | 16 | 20 | 44 | 54 | 76 | 6 | 108 | 41 | 139 | 54 | 168 | 49 |
| 19 | 17 | 15 | 45 | 54 | 77 | 11 | 109 | 46 | 140 | 54 | 169 | 45 |
| 20 | 18 | 10 | 46 | 54 | 78 | 16 | 110 | 50 | 141 | 53 | 170 | 41 |
| 21 | 19 | 5 | 47 | 54 | 79 | 21 | 111 | 54 | 142 | 53 | 171 | 37 |
| 22 | 20 | 1 | 48 | 54 | 80 | 26 | 112 | 58 | 143 | 52 | 172 | 33 |
| 23 | 20 | 56 | 49 | 55 | 81 | 31 | 114 | 2 | 144 | 52 | 173 | 29 |
| 24 | 21 | 52 | 50 | 55 | 82 | 36 | 115 | 6 | 145 | 51 | 174 | 25 |
| 25 | 22 | 48 | 51 | 56 | 83 | 41 | 116 | 10 | 146 | 50 | 175 | 21 |
| 26 | 23 | 44 | 52 | 57 | 84 | 46 | 117 | 14 | 147 | 49 | 176 | 17 |
| 27 | 24 | 40 | 53 | 59 | 85 | 51 | 118 | 18 | 148 | 47 | 177 | 13 |
| 28 | 25 | 37 | 55 | 0 | 86 | 57 | 119 | 21 | 149 | 46 | 178 | 9 |
| 29 | 26 | 33 | 56 | 2 | 88 | 2 | 120 | 25 | 150 | 44 | 179 | 5 |
| 30 | 27 | 30 | 57 | 4 | 89 | 8 | 121 | 28 | 151 | 42 | 180 | 0 |

Ad latitudinem .2. Graduum.

| D | ♈ | | ♉ | | ♊ | | ♋ | | ♌ | | | |
|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|
| | D | m | D | m | D | m | D | m | D | m | | |
| 0 | 180 | 9 | 208 | 18 | 238 | 32 | 270 | 52 | 302 | 56 | 332 | 30 |
| 1 | 180 | 55 | 209 | 16 | 239 | 35 | 271 | 58 | 303 | 58 | 333 | 27 |
| 2 | 181 | 51 | 210 | 14 | 240 | 39 | 273 | 3 | 305 | 0 | 334 | 23 |
| 3 | 182 | 47 | 211 | 13 | 241 | 42 | 274 | 9 | 306 | 1 | 335 | 20 |
| 4 | 183 | 43 | 212 | 11 | 242 | 46 | 275 | 14 | 307 | 3 | 336 | 16 |
| 5 | 184 | 39 | 213 | 10 | 243 | 50 | 276 | 19 | 308 | 4 | 337 | 12 |
| 6 | 185 | 35 | 214 | 9 | 244 | 54 | 277 | 24 | 309 | 5 | 338 | 8 |
| 7 | 186 | 31 | 215 | 8 | 245 | 58 | 278 | 29 | 310 | 5 | 339 | 4 |
| 8 | 187 | 27 | 216 | 8 | 247 | 2 | 279 | 34 | 311 | 6 | 339 | 59 |
| 9 | 188 | 23 | 217 | 7 | 248 | 6 | 280 | 39 | 312 | 6 | 340 | 55 |
| 10 | 189 | 19 | 218 | 7 | 249 | 10 | 281 | 44 | 313 | 6 | 341 | 50 |
| 11 | 190 | 15 | 219 | 6 | 250 | 14 | 282 | 49 | 314 | 6 | 342 | 45 |
| 12 | 191 | 11 | 220 | 6 | 251 | 19 | 283 | 54 | 315 | 6 | 343 | 40 |
| 13 | 192 | 7 | 221 | 6 | 252 | 23 | 284 | 58 | 316 | 5 | 344 | 35 |
| 14 | 193 | 3 | 222 | 6 | 253 | 28 | 286 | 3 | 317 | 5 | 345 | 30 |
| 15 | 194 | 0 | 223 | 6 | 254 | 33 | 287 | 7 | 318 | 4 | 346 | 24 |
| 16 | 194 | 56 | 224 | 7 | 255 | 38 | 288 | 12 | 319 | 3 | 347 | 19 |
| 17 | 195 | 53 | 225 | 8 | 256 | 43 | 289 | 16 | 320 | 2 | 348 | 14 |
| 18 | 196 | 50 | 226 | 9 | 257 | 48 | 290 | 20 | 321 | 0 | 349 | 8 |
| 19 | 197 | 47 | 227 | 10 | 258 | 53 | 291 | 24 | 321 | 59 | 350 | 3 |
| 20 | 198 | 44 | 228 | 12 | 259 | 58 | 292 | 28 | 322 | 57 | 350 | 57 |
| 21 | 199 | 41 | 229 | 13 | 261 | 3 | 293 | 32 | 323 | 55 | 351 | 52 |
| 22 | 200 | 38 | 230 | 15 | 262 | 8 | 294 | 35 | 324 | 53 | 352 | 46 |
| 23 | 201 | 35 | 231 | 16 | 263 | 14 | 295 | 38 | 325 | 51 | 353 | 41 |
| 24 | 202 | 32 | 232 | 18 | 264 | 19 | 296 | 41 | 326 | 49 | 354 | 35 |
| 25 | 203 | 30 | 233 | 20 | 265 | 25 | 297 | 44 | 327 | 46 | 355 | 29 |
| 26 | 204 | 27 | 234 | 22 | 266 | 30 | 298 | 47 | 328 | 43 | 356 | 24 |
| 27 | 205 | 25 | 235 | 24 | 267 | 35 | 299 | 49 | 329 | 40 | 357 | 18 |
| 28 | 206 | 22 | 236 | 27 | 268 | 41 | 300 | 52 | 330 | 37 | 358 | 12 |
| 29 | 207 | 20 | 237 | 29 | 269 | 46 | 301 | 54 | 331 | 34 | 359 | 6 |
| 30 | 208 | 18 | 238 | 32 | 270 | 52 | 302 | 56 | 332 | 30 | 360 | 0 |

Tabula Ascensionum Obliquarum.

| S | γ | | δ | | π | | ε | | Ω | | η | |
|----|----|----|----|----|----|----|-----|----|-----|----|-----|----|
| | S | m | S | m | S | m | S | m | S | m | S | m |
| 0 | 0 | 0 | 27 | 17 | 56 | 42 | 88 | 42 | 121 | 6 | 151 | 20 |
| 1 | 0 | 53 | 28 | 13 | 57 | 44 | 89 | 48 | 122 | 9 | 152 | 28 |
| 2 | 1 | 47 | 29 | 10 | 58 | 46 | 90 | 53 | 123 | 12 | 153 | 26 |
| 3 | 2 | 41 | 30 | 6 | 59 | 48 | 91 | 59 | 124 | 15 | 154 | 24 |
| 4 | 3 | 35 | 31 | 3 | 60 | 50 | 93 | 4 | 125 | 18 | 155 | 22 |
| 5 | 4 | 29 | 32 | 0 | 61 | 53 | 94 | 9 | 126 | 20 | 156 | 20 |
| 6 | 5 | 22 | 32 | 57 | 62 | 55 | 95 | 15 | 127 | 22 | 157 | 18 |
| 7 | 6 | 16 | 33 | 54 | 63 | 59 | 96 | 20 | 128 | 24 | 158 | 16 |
| 8 | 7 | 10 | 34 | 52 | 65 | 2 | 97 | 26 | 129 | 26 | 159 | 13 |
| 9 | 8 | 4 | 35 | 49 | 66 | 5 | 98 | 31 | 130 | 28 | 160 | 11 |
| 10 | 8 | 58 | 36 | 47 | 67 | 8 | 99 | 36 | 131 | 29 | 161 | 8 |
| 11 | 9 | 52 | 37 | 45 | 68 | 12 | 100 | 42 | 132 | 31 | 162 | 5 |
| 12 | 10 | 46 | 38 | 42 | 69 | 16 | 101 | 47 | 133 | 32 | 163 | 2 |
| 13 | 11 | 40 | 39 | 41 | 70 | 20 | 102 | 52 | 134 | 34 | 163 | 59 |
| 14 | 12 | 34 | 40 | 39 | 71 | 24 | 103 | 57 | 135 | 35 | 164 | 56 |
| 15 | 13 | 29 | 41 | 38 | 72 | 28 | 105 | 2 | 136 | 36 | 165 | 53 |
| 16 | 14 | 23 | 42 | 37 | 73 | 32 | 106 | 7 | 137 | 37 | 166 | 50 |
| 17 | 15 | 18 | 43 | 36 | 74 | 36 | 107 | 12 | 138 | 37 | 167 | 47 |
| 18 | 16 | 12 | 44 | 36 | 75 | 41 | 108 | 17 | 139 | 37 | 168 | 43 |
| 19 | 17 | 7 | 45 | 35 | 76 | 45 | 109 | 22 | 140 | 37 | 169 | 40 |
| 20 | 18 | 2 | 46 | 35 | 77 | 50 | 110 | 26 | 141 | 37 | 170 | 36 |
| 21 | 18 | 57 | 47 | 35 | 78 | 55 | 111 | 31 | 142 | 37 | 171 | 33 |
| 22 | 19 | 52 | 48 | 35 | 80 | 0 | 112 | 35 | 143 | 37 | 172 | 30 |
| 23 | 20 | 47 | 49 | 35 | 81 | 5 | 113 | 39 | 144 | 37 | 173 | 26 |
| 24 | 21 | 42 | 50 | 35 | 82 | 10 | 114 | 43 | 145 | 37 | 174 | 23 |
| 25 | 22 | 38 | 51 | 36 | 83 | 15 | 115 | 47 | 146 | 36 | 175 | 19 |
| 26 | 23 | 33 | 52 | 37 | 84 | 20 | 116 | 51 | 147 | 35 | 176 | 16 |
| 27 | 24 | 29 | 53 | 38 | 85 | 25 | 117 | 55 | 148 | 34 | 177 | 12 |
| 28 | 25 | 25 | 54 | 39 | 86 | 31 | 118 | 59 | 149 | 32 | 178 | 8 |
| 29 | 26 | 21 | 55 | 40 | 87 | 36 | 120 | 3 | 150 | 31 | 179 | 4 |
| 30 | 27 | 17 | 56 | 42 | 88 | 42 | 121 | 6 | 151 | 29 | 180 | 0 |

Ad latitudinem .3. Graduum.

| S | P | | m | | T | | Z | | z | | X | |
|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|
| | S | m | S | m | S | m | S | m | S | m | S | m |
| 0 | 180 | 0 | 208 | 31 | 238 | 54 | 271 | 18 | 303 | 18 | 332 | 43 |
| 1 | 180 | 56 | 209 | 29 | 239 | 57 | 272 | 24 | 304 | 20 | 333 | 39 |
| 2 | 181 | 52 | 210 | 28 | 241 | 1 | 273 | 29 | 305 | 21 | 334 | 35 |
| 3 | 182 | 48 | 211 | 26 | 242 | 5 | 274 | 35 | 306 | 22 | 335 | 31 |
| 4 | 183 | 44 | 212 | 25 | 243 | 9 | 275 | 40 | 307 | 23 | 336 | 27 |
| 5 | 184 | 41 | 213 | 24 | 244 | 13 | 276 | 45 | 308 | 24 | 337 | 22 |
| 6 | 185 | 37 | 214 | 23 | 245 | 17 | 277 | 50 | 309 | 25 | 338 | 18 |
| 7 | 186 | 34 | 215 | 23 | 246 | 21 | 278 | 55 | 310 | 25 | 339 | 13 |
| 8 | 187 | 30 | 216 | 23 | 247 | 25 | 280 | 0 | 311 | 25 | 340 | 8 |
| 9 | 188 | 27 | 217 | 23 | 248 | 29 | 281 | 5 | 312 | 25 | 341 | 3 |
| 10 | 189 | 24 | 218 | 23 | 249 | 34 | 282 | 10 | 313 | 25 | 341 | 58 |
| 11 | 190 | 20 | 219 | 23 | 250 | 38 | 283 | 15 | 314 | 25 | 342 | 53 |
| 12 | 191 | 17 | 220 | 23 | 251 | 43 | 284 | 19 | 315 | 24 | 343 | 48 |
| 13 | 192 | 13 | 221 | 23 | 252 | 48 | 285 | 24 | 316 | 24 | 344 | 42 |
| 14 | 193 | 10 | 222 | 23 | 253 | 53 | 286 | 28 | 317 | 23 | 345 | 37 |
| 15 | 194 | 7 | 223 | 24 | 254 | 58 | 287 | 32 | 318 | 22 | 346 | 31 |
| 16 | 195 | 4 | 224 | 25 | 256 | 3 | 288 | 36 | 319 | 21 | 347 | 26 |
| 17 | 196 | 1 | 225 | 26 | 257 | 8 | 289 | 40 | 320 | 19 | 348 | 20 |
| 18 | 196 | 58 | 226 | 28 | 258 | 13 | 290 | 44 | 321 | 17 | 349 | 14 |
| 19 | 197 | 55 | 227 | 29 | 259 | 18 | 291 | 48 | 322 | 15 | 350 | 8 |
| 20 | 198 | 52 | 228 | 31 | 260 | 24 | 292 | 52 | 323 | 13 | 351 | 2 |
| 21 | 199 | 49 | 229 | 32 | 261 | 29 | 293 | 55 | 324 | 11 | 351 | 56 |
| 22 | 200 | 47 | 230 | 34 | 262 | 34 | 294 | 58 | 325 | 8 | 352 | 50 |
| 23 | 201 | 44 | 231 | 36 | 263 | 40 | 296 | 1 | 326 | 6 | 353 | 44 |
| 24 | 202 | 42 | 232 | 38 | 264 | 45 | 297 | 4 | 327 | 3 | 354 | 38 |
| 25 | 203 | 40 | 233 | 40 | 265 | 51 | 298 | 7 | 328 | 0 | 355 | 31 |
| 26 | 204 | 38 | 234 | 42 | 266 | 56 | 299 | 10 | 328 | 57 | 356 | 25 |
| 27 | 205 | 36 | 235 | 45 | 268 | 1 | 300 | 12 | 329 | 54 | 357 | 19 |
| 28 | 206 | 34 | 236 | 48 | 269 | 7 | 301 | 14 | 330 | 50 | 358 | 13 |
| 29 | 207 | 32 | 237 | 51 | 270 | 12 | 302 | 16 | 331 | 47 | 359 | 7 |
| 30 | 208 | 31 | 238 | 54 | 271 | 18 | 303 | 18 | 332 | 43 | 360 | 0 |

Tabula Ascensionum Obliquarum.

| | γ | δ | π | ε | ζ | η |
|----|-------|-------|-------|--------|--------|--------|
| δ | δ m | δ m | δ m | δ m | δ m | δ m |
| 0 | 0 0 | 27 5 | 56 20 | 88 15 | 120 44 | 151 17 |
| 1 | 0 53 | 28 1 | 57 22 | 89 21 | 121 47 | 152 16 |
| 2 | 1 46 | 28 57 | 58 24 | 90 27 | 122 50 | 153 15 |
| 3 | 2 40 | 29 53 | 59 26 | 91 32 | 123 53 | 154 13 |
| 4 | 3 33 | 30 49 | 60 28 | 92 38 | 124 56 | 155 12 |
| 5 | 4 27 | 31 46 | 61 30 | 93 43 | 125 59 | 156 10 |
| 6 | 5 20 | 32 43 | 62 32 | 94 48 | 127 2 | 157 8 |
| 7 | 6 13 | 33 40 | 63 35 | 95 54 | 128 4 | 158 6 |
| 8 | 7 7 | 34 37 | 64 38 | 97 0 | 129 6 | 159 4 |
| 9 | 8 0 | 35 34 | 65 41 | 98 5 | 130 8 | 160 2 |
| 10 | 8 54 | 36 31 | 66 44 | 99 10 | 131 10 | 161 0 |
| 11 | 9 47 | 37 28 | 67 47 | 100 16 | 132 12 | 161 58 |
| 12 | 10 41 | 38 26 | 68 51 | 101 21 | 133 14 | 162 55 |
| 13 | 11 35 | 39 24 | 69 55 | 102 27 | 134 15 | 163 53 |
| 14 | 12 29 | 40 22 | 70 59 | 103 32 | 135 17 | 164 50 |
| 15 | 13 23 | 41 20 | 72 3 | 104 37 | 136 18 | 165 47 |
| 16 | 14 17 | 42 19 | 73 7 | 105 42 | 137 19 | 166 44 |
| 17 | 15 11 | 43 18 | 74 11 | 106 47 | 138 20 | 167 41 |
| 18 | 16 5 | 44 17 | 75 15 | 107 52 | 139 20 | 168 38 |
| 19 | 16 59 | 45 16 | 76 19 | 108 57 | 140 21 | 169 35 |
| 20 | 17 54 | 46 15 | 77 24 | 110 2 | 141 21 | 170 32 |
| 21 | 18 48 | 47 15 | 78 29 | 111 7 | 142 22 | 171 29 |
| 22 | 19 43 | 48 15 | 79 34 | 112 11 | 143 22 | 172 26 |
| 23 | 20 38 | 49 15 | 80 39 | 113 16 | 144 22 | 173 23 |
| 24 | 21 35 | 50 15 | 81 44 | 114 20 | 145 22 | 174 20 |
| 25 | 22 28 | 51 15 | 82 49 | 115 24 | 146 22 | 175 17 |
| 26 | 23 23 | 52 16 | 83 54 | 116 28 | 147 21 | 176 14 |
| 27 | 24 18 | 53 17 | 84 59 | 117 32 | 148 20 | 177 11 |
| 28 | 25 14 | 54 18 | 86 4 | 118 36 | 149 19 | 178 7 |
| 29 | 26 9 | 55 19 | 87 9 | 119 40 | 150 18 | 179 4 |
| 30 | 27 5 | 56 20 | 88 15 | 120 44 | 151 17 | 180 0 |

Ad latitudinem .4. Graduum

| D | ♈ | | ♉ | | ♊ | | ♋ | | ♌ | | ♍ | |
|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|
| | D | m | D | m | D | m | D | m | D | m | D | m |
| 0 | 180 | 0 | 208 | 43 | 239 | 16 | 271 | 45 | 303 | 40 | 332 | 55 |
| 1 | 180 | 56 | 209 | 42 | 240 | 20 | 272 | 51 | 304 | 41 | 333 | 51 |
| 2 | 181 | 53 | 210 | 41 | 241 | 24 | 273 | 56 | 305 | 42 | 334 | 46 |
| 3 | 182 | 49 | 211 | 40 | 242 | 28 | 275 | 1 | 306 | 43 | 335 | 42 |
| 4 | 183 | 46 | 212 | 39 | 243 | 32 | 276 | 6 | 307 | 44 | 336 | 37 |
| 5 | 184 | 43 | 213 | 38 | 244 | 36 | 277 | 11 | 308 | 45 | 337 | 32 |
| 6 | 185 | 40 | 214 | 38 | 245 | 40 | 278 | 16 | 309 | 45 | 338 | 25 |
| 7 | 186 | 37 | 215 | 38 | 246 | 44 | 279 | 21 | 310 | 45 | 339 | 22 |
| 8 | 187 | 34 | 216 | 38 | 247 | 49 | 280 | 26 | 311 | 45 | 340 | 17 |
| 9 | 188 | 31 | 217 | 38 | 248 | 53 | 281 | 31 | 312 | 45 | 341 | 12 |
| 10 | 189 | 28 | 218 | 39 | 249 | 58 | 282 | 36 | 313 | 45 | 342 | 9 |
| 11 | 190 | 25 | 219 | 39 | 251 | 3 | 283 | 41 | 314 | 44 | 343 | 1 |
| 12 | 191 | 22 | 220 | 40 | 252 | 8 | 284 | 45 | 315 | 43 | 343 | 55 |
| 13 | 192 | 19 | 221 | 40 | 253 | 13 | 285 | 49 | 316 | 42 | 344 | 49 |
| 14 | 193 | 16 | 222 | 41 | 254 | 18 | 286 | 53 | 317 | 41 | 345 | 42 |
| 15 | 194 | 13 | 223 | 42 | 255 | 23 | 287 | 57 | 318 | 40 | 346 | 37 |
| 16 | 195 | 10 | 224 | 43 | 256 | 28 | 289 | 1 | 319 | 38 | 347 | 31 |
| 17 | 196 | 7 | 225 | 45 | 257 | 33 | 290 | 5 | 320 | 36 | 348 | 25 |
| 18 | 197 | 5 | 226 | 46 | 258 | 39 | 291 | 9 | 321 | 34 | 349 | 19 |
| 19 | 198 | 2 | 227 | 48 | 259 | 44 | 292 | 13 | 322 | 32 | 350 | 13 |
| 20 | 199 | 0 | 228 | 50 | 260 | 50 | 293 | 16 | 323 | 29 | 351 | 6 |
| 21 | 199 | 58 | 229 | 52 | 261 | 55 | 294 | 19 | 324 | 26 | 352 | 0 |
| 22 | 200 | 56 | 230 | 54 | 263 | 0 | 295 | 22 | 325 | 23 | 352 | 53 |
| 23 | 201 | 54 | 231 | 56 | 264 | 6 | 296 | 25 | 326 | 20 | 353 | 47 |
| 24 | 202 | 52 | 232 | 58 | 265 | 11 | 297 | 28 | 327 | 17 | 354 | 40 |
| 25 | 203 | 50 | 234 | 1 | 266 | 17 | 298 | 30 | 328 | 14 | 355 | 33 |
| 26 | 204 | 48 | 235 | 4 | 267 | 22 | 299 | 32 | 329 | 11 | 356 | 27 |
| 27 | 205 | 47 | 236 | 7 | 268 | 28 | 300 | 34 | 330 | 7 | 357 | 20 |
| 28 | 206 | 45 | 237 | 10 | 269 | 33 | 301 | 36 | 331 | 3 | 358 | 14 |
| 29 | 207 | 44 | 238 | 13 | 270 | 39 | 301 | 38 | 331 | 59 | 359 | 7 |
| 30 | 208 | 43 | 239 | 16 | 271 | 45 | 303 | 40 | 332 | 55 | 360 | 0 |

Tabula Ascensionum Obliquarum.

| ♈ | ♋ | | ♌ | | ♍ | | ♎ | | ♏ | | | |
|----|----|----|----|----|----|----|-----|----|-----|----|-----|----|
| | ♈ | ♋ | ♌ | ♍ | ♎ | ♏ | ♐ | ♑ | ♒ | ♓ | | |
| 0 | 0 | 0 | 26 | 53 | 55 | 57 | 87 | 49 | 120 | 21 | 151 | 5 |
| 1 | 0 | 53 | 27 | 48 | 56 | 58 | 88 | 55 | 121 | 25 | 152 | 4 |
| 2 | 1 | 46 | 28 | 44 | 58 | 0 | 90 | 1 | 122 | 28 | 153 | 3 |
| 3 | 2 | 39 | 29 | 39 | 59 | 2 | 91 | 6 | 123 | 32 | 154 | 2 |
| 4 | 3 | 32 | 30 | 25 | 60 | 4 | 92 | 12 | 124 | 35 | 155 | 1 |
| 5 | 4 | 25 | 31 | 31 | 61 | 6 | 93 | 17 | 125 | 38 | 156 | 0 |
| 6 | 5 | 18 | 32 | 27 | 62 | 8 | 94 | 23 | 126 | 41 | 156 | 59 |
| 7 | 6 | 11 | 33 | 24 | 63 | 11 | 95 | 29 | 127 | 44 | 157 | 57 |
| 8 | 7 | 4 | 34 | 21 | 64 | 13 | 96 | 34 | 128 | 46 | 158 | 56 |
| 9 | 7 | 57 | 35 | 18 | 65 | 16 | 97 | 40 | 129 | 49 | 159 | 54 |
| 10 | 8 | 50 | 36 | 15 | 66 | 19 | 98 | 45 | 130 | 51 | 160 | 52 |
| 11 | 9 | 43 | 37 | 12 | 67 | 22 | 99 | 51 | 131 | 53 | 161 | 50 |
| 12 | 10 | 36 | 38 | 10 | 68 | 26 | 100 | 56 | 132 | 55 | 162 | 48 |
| 13 | 11 | 30 | 39 | 7 | 69 | 29 | 102 | 1 | 133 | 57 | 163 | 46 |
| 14 | 12 | 23 | 40 | 5 | 70 | 33 | 103 | 6 | 134 | 59 | 164 | 44 |
| 15 | 13 | 17 | 41 | 3 | 71 | 37 | 104 | 11 | 136 | 1 | 165 | 41 |
| 16 | 14 | 10 | 42 | 1 | 72 | 41 | 105 | 17 | 137 | 2 | 166 | 39 |
| 17 | 15 | 4 | 43 | 0 | 73 | 45 | 106 | 22 | 138 | 3 | 167 | 36 |
| 18 | 15 | 58 | 43 | 59 | 74 | 50 | 107 | 27 | 139 | 4 | 168 | 34 |
| 19 | 16 | 52 | 44 | 58 | 75 | 54 | 108 | 32 | 140 | 5 | 169 | 31 |
| 20 | 17 | 46 | 45 | 57 | 76 | 59 | 109 | 37 | 141 | 5 | 170 | 28 |
| 21 | 18 | 40 | 46 | 56 | 78 | 3 | 110 | 42 | 142 | 6 | 171 | 26 |
| 22 | 19 | 34 | 47 | 55 | 79 | 8 | 111 | 47 | 143 | 6 | 172 | 23 |
| 23 | 20 | 29 | 48 | 55 | 80 | 13 | 112 | 51 | 144 | 7 | 173 | 21 |
| 24 | 21 | 23 | 49 | 54 | 81 | 18 | 113 | 56 | 145 | 7 | 174 | 18 |
| 25 | 22 | 18 | 50 | 54 | 82 | 23 | 115 | 0 | 146 | 7 | 175 | 15 |
| 26 | 23 | 13 | 51 | 54 | 83 | 28 | 116 | 5 | 147 | 7 | 176 | 12 |
| 27 | 24 | 8 | 52 | 55 | 84 | 33 | 117 | 9 | 148 | 7 | 177 | 9 |
| 28 | 25 | 3 | 53 | 55 | 85 | 38 | 118 | 13 | 149 | 6 | 178 | 6 |
| 29 | 25 | 58 | 54 | 56 | 86 | 43 | 119 | 17 | 150 | 6 | 179 | 3 |
| 30 | 26 | 53 | 55 | 57 | 87 | 49 | 120 | 21 | 151 | 5 | 180 | 0 |

Ad latitudinem .5. Graduum.

| S | ♌ | | ♍ | | ♎ | | ♏ | | ♐ | | ♑ | |
|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|
| | S | m | S | m | S | m | S | m | S | m | S | m |
| 0 | 180 | 0 | 208 | 55 | 239 | 39 | 272 | 11 | 304 | 3 | 333 | 7 |
| 1 | 180 | 57 | 209 | 54 | 240 | 43 | 273 | 17 | 305 | 4 | 334 | 2 |
| 2 | 181 | 54 | 210 | 54 | 241 | 47 | 274 | 22 | 306 | 5 | 334 | 57 |
| 3 | 182 | 51 | 211 | 53 | 242 | 51 | 275 | 27 | 307 | 5 | 335 | 52 |
| 4 | 183 | 48 | 212 | 53 | 243 | 55 | 276 | 32 | 308 | 6 | 336 | 47 |
| 5 | 184 | 45 | 213 | 53 | 245 | 0 | 277 | 37 | 309 | 6 | 337 | 42 |
| 6 | 185 | 42 | 214 | 53 | 246 | 4 | 278 | 42 | 310 | 6 | 338 | 37 |
| 7 | 186 | 39 | 215 | 53 | 247 | 9 | 279 | 47 | 311 | 5 | 339 | 31 |
| 8 | 187 | 37 | 216 | 54 | 248 | 13 | 280 | 52 | 312 | 5 | 340 | 26 |
| 9 | 188 | 34 | 217 | 54 | 249 | 18 | 281 | 57 | 313 | 4 | 341 | 20 |
| 10 | 189 | 32 | 218 | 55 | 250 | 23 | 283 | 1 | 314 | 3 | 342 | 14 |
| 11 | 190 | 29 | 219 | 55 | 251 | 28 | 284 | 6 | 315 | 2 | 343 | 8 |
| 12 | 191 | 26 | 220 | 56 | 252 | 33 | 285 | 10 | 316 | 1 | 344 | 2 |
| 13 | 192 | 24 | 221 | 57 | 253 | 38 | 286 | 15 | 317 | 0 | 344 | 56 |
| 14 | 193 | 21 | 222 | 58 | 254 | 43 | 287 | 19 | 317 | 59 | 345 | 50 |
| 15 | 194 | 19 | 223 | 59 | 255 | 49 | 288 | 23 | 318 | 57 | 346 | 43 |
| 16 | 195 | 16 | 225 | 1 | 256 | 54 | 289 | 27 | 319 | 55 | 347 | 37 |
| 17 | 195 | 14 | 226 | 3 | 257 | 59 | 290 | 31 | 320 | 53 | 348 | 30 |
| 18 | 197 | 12 | 227 | 5 | 259 | 4 | 291 | 34 | 321 | 50 | 349 | 24 |
| 19 | 198 | 10 | 228 | 7 | 260 | 9 | 292 | 38 | 322 | 48 | 350 | 17 |
| 20 | 199 | 8 | 229 | 9 | 261 | 15 | 293 | 41 | 323 | 45 | 351 | 10 |
| 21 | 200 | 6 | 230 | 11 | 262 | 20 | 294 | 44 | 324 | 42 | 352 | 3 |
| 22 | 201 | 4 | 231 | 14 | 263 | 26 | 295 | 47 | 325 | 39 | 352 | 56 |
| 23 | 202 | 3 | 232 | 16 | 264 | 31 | 296 | 49 | 326 | 36 | 353 | 49 |
| 24 | 203 | 1 | 233 | 19 | 265 | 37 | 297 | 52 | 327 | 33 | 354 | 42 |
| 25 | 204 | 0 | 234 | 22 | 266 | 43 | 298 | 54 | 328 | 29 | 355 | 35 |
| 26 | 204 | 59 | 235 | 25 | 267 | 48 | 299 | 56 | 329 | 25 | 356 | 28 |
| 27 | 205 | 58 | 236 | 28 | 268 | 54 | 300 | 58 | 330 | 21 | 357 | 21 |
| 28 | 206 | 56 | 237 | 32 | 269 | 59 | 302 | 0 | 331 | 16 | 358 | 14 |
| 29 | 207 | 57 | 238 | 35 | 271 | 5 | 303 | 2 | 332 | 12 | 359 | 7 |
| 30 | 208 | 55 | 239 | 39 | 272 | 11 | 304 | 3 | 333 | 7 | 360 | 0 |

Tabula Ascensionum Obliquarum

| | γ | | δ | | ε | | ζ | | η | | | |
|----|----|----|----|----|----|----|-----|----|-----|----|-----|----|
| δ | δ | in | δ | in | δ | in | δ | in | δ | in | | |
| 0 | 0 | 0 | 26 | 40 | 55 | 35 | 87 | 23 | 119 | 59 | 150 | 52 |
| 1 | 0 | 52 | 27 | 35 | 56 | 36 | 88 | 29 | 121 | 3 | 151 | 52 |
| 2 | 1 | 44 | 28 | 30 | 57 | 38 | 89 | 35 | 122 | 7 | 152 | 51 |
| 3 | 2 | 37 | 29 | 26 | 58 | 39 | 90 | 40 | 123 | 10 | 153 | 51 |
| 4 | 3 | 29 | 30 | 21 | 59 | 41 | 91 | 46 | 124 | 14 | 154 | 50 |
| 5 | 4 | 22 | 31 | 17 | 60 | 43 | 92 | 51 | 125 | 17 | 155 | 49 |
| 6 | 5 | 14 | 32 | 13 | 61 | 45 | 93 | 57 | 126 | 20 | 156 | 48 |
| 7 | 6 | 7 | 33 | 9 | 62 | 47 | 95 | 3 | 127 | 23 | 157 | 47 |
| 8 | 7 | 0 | 34 | 6 | 63 | 50 | 96 | 8 | 128 | 26 | 158 | 46 |
| 9 | 7 | 53 | 35 | 2 | 64 | 52 | 97 | 14 | 129 | 29 | 159 | 45 |
| 10 | 8 | 46 | 35 | 59 | 65 | 55 | 98 | 19 | 130 | 31 | 160 | 43 |
| 11 | 9 | 39 | 36 | 56 | 66 | 58 | 99 | 25 | 131 | 34 | 161 | 42 |
| 12 | 10 | 32 | 37 | 53 | 68 | 1 | 100 | 30 | 132 | 36 | 162 | 40 |
| 13 | 11 | 25 | 38 | 50 | 69 | 5 | 101 | 36 | 133 | 39 | 163 | 39 |
| 14 | 12 | 18 | 39 | 47 | 70 | 8 | 102 | 41 | 134 | 41 | 164 | 37 |
| 15 | 13 | 11 | 40 | 45 | 71 | 12 | 103 | 46 | 135 | 43 | 165 | 35 |
| 16 | 14 | 4 | 41 | 43 | 72 | 16 | 104 | 52 | 136 | 45 | 166 | 33 |
| 17 | 14 | 57 | 42 | 41 | 73 | 20 | 105 | 57 | 137 | 46 | 167 | 31 |
| 18 | 15 | 57 | 43 | 40 | 74 | 24 | 107 | 3 | 138 | 47 | 168 | 29 |
| 19 | 16 | 43 | 44 | 38 | 75 | 28 | 108 | 8 | 139 | 48 | 169 | 27 |
| 20 | 17 | 37 | 45 | 37 | 76 | 33 | 109 | 13 | 140 | 49 | 170 | 24 |
| 21 | 18 | 31 | 46 | 36 | 77 | 37 | 110 | 18 | 141 | 50 | 171 | 22 |
| 22 | 19 | 25 | 47 | 35 | 78 | 42 | 111 | 23 | 142 | 50 | 172 | 20 |
| 23 | 20 | 19 | 48 | 34 | 79 | 47 | 112 | 28 | 143 | 51 | 173 | 17 |
| 24 | 21 | 13 | 49 | 33 | 80 | 52 | 113 | 33 | 144 | 51 | 174 | 15 |
| 25 | 22 | 7 | 50 | 33 | 81 | 57 | 114 | 37 | 145 | 51 | 175 | 12 |
| 26 | 23 | 1 | 51 | 33 | 83 | 2 | 115 | 42 | 146 | 52 | 176 | 10 |
| 27 | 23 | 56 | 52 | 33 | 84 | 7 | 116 | 46 | 147 | 52 | 177 | 8 |
| 28 | 24 | 50 | 53 | 34 | 85 | 12 | 117 | 51 | 148 | 52 | 178 | 5 |
| 29 | 25 | 45 | 54 | 34 | 86 | 17 | 118 | 55 | 149 | 52 | 179 | 3 |
| 30 | 26 | 40 | 55 | 35 | 87 | 23 | 119 | 59 | 150 | 52 | 180 | 0 |

Ad latitudinem .6. Graduum

| S | P | | m | | T | | Z | | W | | X | |
|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|
| | S | m | S | m | S | m | S | m | S | m | S | m |
| 0 | 180 | 0 | 209 | 8 | 240 | 1 | 272 | 37 | 304 | 25 | 333 | 20 |
| 1 | 180 | 57 | 210 | 8 | 241 | 5 | 273 | 43 | 305 | 26 | 334 | 15 |
| 2 | 181 | 55 | 211 | 8 | 242 | 9 | 274 | 48 | 306 | 26 | 335 | 10 |
| 3 | 182 | 52 | 212 | 8 | 243 | 14 | 275 | 53 | 307 | 27 | 336 | 4 |
| 4 | 183 | 50 | 213 | 8 | 244 | 18 | 276 | 58 | 308 | 27 | 336 | 59 |
| 5 | 184 | 48 | 214 | 9 | 245 | 23 | 278 | 3 | 309 | 27 | 337 | 53 |
| 6 | 185 | 45 | 215 | 9 | 246 | 27 | 279 | 8 | 310 | 27 | 338 | 47 |
| 7 | 186 | 43 | 216 | 9 | 247 | 32 | 280 | 13 | 311 | 26 | 339 | 41 |
| 8 | 187 | 40 | 217 | 10 | 248 | 37 | 281 | 18 | 312 | 25 | 340 | 35 |
| 9 | 188 | 38 | 218 | 10 | 249 | 42 | 282 | 23 | 313 | 24 | 341 | 29 |
| 10 | 189 | 36 | 219 | 11 | 250 | 47 | 283 | 27 | 314 | 23 | 342 | 23 |
| 11 | 190 | 33 | 220 | 12 | 251 | 52 | 284 | 32 | 315 | 22 | 343 | 17 |
| 12 | 191 | 31 | 221 | 13 | 252 | 57 | 285 | 36 | 316 | 20 | 344 | 10 |
| 13 | 192 | 29 | 222 | 14 | 254 | 3 | 286 | 40 | 317 | 19 | 345 | 3 |
| 14 | 193 | 27 | 223 | 15 | 255 | 8 | 287 | 44 | 318 | 17 | 345 | 56 |
| 15 | 194 | 25 | 224 | 17 | 256 | 14 | 288 | 48 | 319 | 15 | 346 | 49 |
| 16 | 195 | 23 | 225 | 19 | 257 | 19 | 289 | 52 | 320 | 13 | 347 | 42 |
| 17 | 196 | 21 | 226 | 21 | 258 | 24 | 290 | 55 | 321 | 10 | 348 | 35 |
| 18 | 197 | 20 | 227 | 24 | 259 | 30 | 291 | 59 | 322 | 7 | 349 | 28 |
| 19 | 198 | 18 | 228 | 26 | 260 | 35 | 293 | 2 | 323 | 4 | 350 | 21 |
| 20 | 199 | 17 | 229 | 29 | 261 | 41 | 294 | 5 | 324 | 1 | 351 | 14 |
| 21 | 200 | 15 | 230 | 31 | 262 | 46 | 295 | 8 | 324 | 58 | 352 | 7 |
| 22 | 201 | 14 | 231 | 34 | 263 | 52 | 296 | 10 | 325 | 54 | 353 | 0 |
| 23 | 202 | 13 | 232 | 37 | 264 | 57 | 297 | 13 | 326 | 51 | 353 | 53 |
| 24 | 203 | 12 | 233 | 40 | 266 | 3 | 298 | 15 | 327 | 47 | 354 | 46 |
| 25 | 204 | 11 | 234 | 43 | 267 | 9 | 299 | 17 | 328 | 43 | 355 | 38 |
| 26 | 205 | 10 | 235 | 46 | 268 | 14 | 300 | 19 | 329 | 39 | 356 | 31 |
| 27 | 206 | 9 | 236 | 50 | 269 | 20 | 301 | 21 | 330 | 34 | 357 | 23 |
| 28 | 207 | 9 | 237 | 53 | 270 | 25 | 302 | 22 | 331 | 30 | 358 | 16 |
| 29 | 208 | 8 | 238 | 57 | 271 | 31 | 303 | 24 | 332 | 25 | 359 | 8 |
| 30 | 209 | 8 | 240 | 1 | 272 | 37 | 304 | 25 | 333 | 20 | 360 | 0 |

DEI

Tabula Ascensionum Obliquarum.

| ♁ | γ | | δ | | π | | ζ | | Ω | | ιπ | |
|----|----|----|----|----|----|----|-----|----|-----|----|-----|----|
| | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ |
| 0 | 0 | 0 | 26 | 28 | 55 | 12 | 86 | 56 | 119 | 36 | 150 | 40 |
| 1 | 0 | 52 | 27 | 23 | 56 | 13 | 88 | 1 | 120 | 40 | 151 | 40 |
| 2 | 1 | 44 | 28 | 18 | 57 | 14 | 89 | 7 | 121 | 44 | 152 | 40 |
| 3 | 2 | 36 | 29 | 13 | 58 | 16 | 90 | 12 | 122 | 48 | 153 | 40 |
| 4 | 3 | 28 | 30 | 8 | 59 | 17 | 91 | 18 | 123 | 52 | 154 | 40 |
| 5 | 4 | 20 | 31 | 3 | 60 | 19 | 92 | 24 | 124 | 56 | 155 | 39 |
| 6 | 5 | 12 | 31 | 59 | 61 | 21 | 93 | 29 | 126 | 0 | 156 | 39 |
| 7 | 6 | 4 | 32 | 55 | 62 | 23 | 94 | 35 | 127 | 3 | 157 | 38 |
| 8 | 6 | 57 | 33 | 51 | 63 | 25 | 95 | 41 | 128 | 6 | 158 | 37 |
| 9 | 7 | 49 | 34 | 47 | 64 | 27 | 96 | 47 | 129 | 9 | 159 | 36 |
| 10 | 8 | 42 | 35 | 43 | 65 | 30 | 97 | 53 | 130 | 12 | 160 | 35 |
| 11 | 9 | 34 | 36 | 39 | 66 | 33 | 98 | 59 | 131 | 15 | 161 | 34 |
| 12 | 10 | 26 | 37 | 36 | 67 | 36 | 100 | 5 | 132 | 18 | 162 | 33 |
| 13 | 11 | 19 | 38 | 33 | 68 | 40 | 101 | 10 | 133 | 20 | 163 | 31 |
| 14 | 12 | 11 | 39 | 30 | 69 | 42 | 102 | 16 | 134 | 23 | 164 | 30 |
| 15 | 13 | 4 | 40 | 27 | 70 | 47 | 103 | 21 | 135 | 25 | 165 | 28 |
| 16 | 13 | 57 | 41 | 25 | 71 | 51 | 104 | 27 | 136 | 27 | 166 | 27 |
| 17 | 14 | 50 | 42 | 23 | 72 | 55 | 105 | 32 | 137 | 29 | 167 | 25 |
| 18 | 15 | 43 | 43 | 21 | 73 | 59 | 106 | 38 | 138 | 30 | 168 | 24 |
| 19 | 16 | 36 | 44 | 19 | 75 | 3 | 107 | 43 | 139 | 32 | 169 | 22 |
| 20 | 17 | 29 | 45 | 18 | 76 | 7 | 108 | 48 | 140 | 33 | 170 | 20 |
| 21 | 18 | 22 | 46 | 16 | 77 | 11 | 109 | 53 | 141 | 35 | 171 | 18 |
| 22 | 19 | 16 | 47 | 15 | 78 | 16 | 110 | 58 | 142 | 36 | 172 | 16 |
| 23 | 20 | 9 | 48 | 14 | 79 | 20 | 112 | 3 | 143 | 37 | 173 | 14 |
| 24 | 21 | 3 | 49 | 13 | 80 | 25 | 113 | 8 | 144 | 38 | 174 | 12 |
| 25 | 21 | 57 | 50 | 12 | 81 | 30 | 114 | 13 | 145 | 39 | 175 | 10 |
| 26 | 22 | 51 | 51 | 12 | 82 | 35 | 115 | 18 | 146 | 40 | 176 | 8 |
| 27 | 23 | 45 | 52 | 12 | 83 | 40 | 116 | 23 | 147 | 40 | 177 | 6 |
| 28 | 24 | 39 | 53 | 12 | 84 | 45 | 117 | 27 | 148 | 40 | 178 | 4 |
| 29 | 25 | 33 | 54 | 12 | 85 | 50 | 118 | 32 | 149 | 40 | 179 | 2 |
| 30 | 26 | 28 | 55 | 12 | 86 | 56 | 119 | 36 | 150 | 40 | 180 | 0 |

Ad latitudinem .7. Graduum

| h | ♈ | | ♉ | | ♊ | | ♋ | | ♌ | | | |
|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|
| | h | m | h | m | h | m | h | m | h | m | | |
| 0 | 180 | 0 | 209 | 20 | 240 | 24 | 273 | 4 | 304 | 48 | 333 | 32 |
| 1 | 180 | 58 | 210 | 20 | 241 | 28 | 274 | 10 | 305 | 48 | 334 | 27 |
| 2 | 181 | 56 | 211 | 20 | 242 | 33 | 275 | 15 | 306 | 48 | 335 | 21 |
| 3 | 182 | 54 | 212 | 20 | 243 | 37 | 276 | 20 | 307 | 48 | 336 | 15 |
| 4 | 183 | 42 | 213 | 20 | 244 | 42 | 277 | 25 | 308 | 48 | 337 | 9 |
| 5 | 184 | 50 | 214 | 21 | 245 | 47 | 278 | 30 | 309 | 48 | 338 | 3 |
| 6 | 185 | 48 | 215 | 22 | 246 | 52 | 279 | 35 | 310 | 47 | 338 | 57 |
| 7 | 186 | 46 | 216 | 23 | 247 | 57 | 280 | 40 | 311 | 46 | 339 | 51 |
| 8 | 187 | 44 | 217 | 24 | 249 | 2 | 281 | 44 | 312 | 45 | 340 | 44 |
| 9 | 188 | 42 | 218 | 25 | 250 | 7 | 282 | 49 | 313 | 44 | 341 | 38 |
| 10 | 189 | 40 | 219 | 27 | 251 | 12 | 283 | 53 | 314 | 42 | 342 | 31 |
| 11 | 190 | 38 | 220 | 28 | 252 | 17 | 284 | 57 | 315 | 41 | 343 | 24 |
| 12 | 191 | 36 | 221 | 30 | 253 | 22 | 286 | 1 | 316 | 39 | 344 | 17 |
| 13 | 192 | 35 | 222 | 31 | 254 | 28 | 287 | 5 | 317 | 37 | 345 | 10 |
| 14 | 193 | 33 | 223 | 33 | 255 | 33 | 288 | 9 | 318 | 35 | 346 | 3 |
| 15 | 194 | 32 | 224 | 35 | 256 | 39 | 289 | 13 | 319 | 33 | 346 | 56 |
| 16 | 195 | 30 | 225 | 37 | 257 | 44 | 290 | 17 | 320 | 30 | 347 | 49 |
| 17 | 196 | 29 | 226 | 40 | 258 | 50 | 291 | 20 | 321 | 27 | 348 | 41 |
| 18 | 197 | 27 | 227 | 42 | 259 | 55 | 292 | 24 | 322 | 24 | 349 | 34 |
| 19 | 198 | 26 | 228 | 45 | 261 | 1 | 293 | 27 | 323 | 21 | 350 | 26 |
| 20 | 199 | 25 | 229 | 48 | 262 | 7 | 294 | 30 | 324 | 17 | 351 | 18 |
| 21 | 200 | 24 | 230 | 51 | 263 | 13 | 295 | 33 | 325 | 13 | 342 | 11 |
| 22 | 201 | 23 | 231 | 54 | 264 | 19 | 296 | 35 | 326 | 9 | 353 | 3 |
| 23 | 202 | 22 | 232 | 57 | 265 | 25 | 297 | 37 | 327 | 5 | 353 | 56 |
| 24 | 203 | 21 | 234 | 0 | 266 | 31 | 298 | 39 | 328 | 1 | 354 | 48 |
| 25 | 204 | 21 | 235 | 4 | 267 | 36 | 299 | 41 | 328 | 57 | 355 | 40 |
| 26 | 205 | 20 | 236 | 8 | 268 | 42 | 300 | 43 | 329 | 52 | 356 | 32 |
| 27 | 206 | 20 | 237 | 12 | 269 | 48 | 301 | 44 | 330 | 47 | 357 | 24 |
| 28 | 207 | 20 | 238 | 16 | 270 | 53 | 302 | 46 | 331 | 42 | 358 | 16 |
| 29 | 208 | 20 | 239 | 20 | 271 | 59 | 303 | 47 | 332 | 37 | 359 | 8 |
| 30 | 209 | 20 | 240 | 4 | 273 | 24 | 304 | 48 | 333 | 32 | 360 | 0 |

) E 2

Tabula Ascensionum Obliquarum.

| δ | γ | | ϒ | | π | | ♄ | | ♅ | | ♆ | |
|----|----|----|----|----|----|----|-----|----|-----|----|-----|----|
| | δ | m | δ | m | δ | m | δ | m | δ | m | δ | m |
| 0 | 0 | 0 | 26 | 16 | 54 | 50 | 86 | 30 | 119 | 14 | 150 | 28 |
| 1 | 0 | 51 | 27 | 10 | 55 | 51 | 87 | 35 | 120 | 19 | 151 | 28 |
| 2 | 1 | 43 | 28 | 4 | 56 | 52 | 88 | 41 | 121 | 23 | 152 | 28 |
| 3 | 2 | 34 | 28 | 59 | 57 | 53 | 89 | 46 | 122 | 27 | 153 | 28 |
| 4 | 3 | 26 | 29 | 53 | 58 | 54 | 90 | 52 | 123 | 31 | 154 | 28 |
| 5 | 4 | 18 | 30 | 48 | 59 | 56 | 91 | 58 | 124 | 35 | 155 | 28 |
| 6 | 5 | 9 | 31 | 43 | 60 | 58 | 93 | 3 | 125 | 39 | 156 | 28 |
| 7 | 6 | 1 | 32 | 39 | 62 | 0 | 94 | 9 | 126 | 42 | 157 | 28 |
| 8 | 6 | 53 | 33 | 35 | 63 | 2 | 95 | 15 | 127 | 46 | 158 | 27 |
| 9 | 7 | 45 | 34 | 31 | 64 | 4 | 96 | 21 | 128 | 49 | 159 | 27 |
| 10 | 8 | 37 | 35 | 27 | 65 | 6 | 97 | 27 | 129 | 52 | 160 | 26 |
| 11 | 9 | 29 | 36 | 23 | 66 | 9 | 98 | 33 | 130 | 55 | 161 | 26 |
| 12 | 10 | 21 | 37 | 19 | 67 | 12 | 99 | 39 | 131 | 58 | 162 | 25 |
| 13 | 11 | 13 | 38 | 16 | 68 | 15 | 100 | 44 | 133 | 1 | 163 | 24 |
| 14 | 12 | 5 | 39 | 12 | 69 | 18 | 101 | 50 | 134 | 4 | 164 | 23 |
| 15 | 12 | 58 | 40 | 9 | 70 | 21 | 102 | 55 | 135 | 7 | 165 | 22 |
| 16 | 13 | 50 | 41 | 6 | 71 | 25 | 104 | 1 | 136 | 9 | 166 | 21 |
| 17 | 14 | 42 | 42 | 4 | 72 | 29 | 105 | 7 | 137 | 11 | 167 | 20 |
| 18 | 15 | 35 | 43 | 2 | 73 | 33 | 106 | 13 | 138 | 13 | 168 | 18 |
| 19 | 16 | 27 | 44 | 0 | 74 | 37 | 107 | 19 | 139 | 15 | 169 | 17 |
| 20 | 17 | 20 | 44 | 58 | 75 | 41 | 108 | 24 | 140 | 17 | 170 | 15 |
| 21 | 18 | 13 | 45 | 56 | 76 | 45 | 109 | 30 | 141 | 19 | 171 | 14 |
| 22 | 19 | 6 | 46 | 55 | 77 | 50 | 110 | 35 | 142 | 20 | 172 | 13 |
| 23 | 19 | 59 | 47 | 53 | 78 | 54 | 111 | 40 | 143 | 22 | 173 | 11 |
| 24 | 20 | 52 | 48 | 52 | 79 | 59 | 112 | 45 | 144 | 23 | 174 | 10 |
| 25 | 21 | 46 | 49 | 51 | 81 | 4 | 113 | 50 | 145 | 24 | 175 | 8 |
| 26 | 22 | 40 | 50 | 50 | 82 | 9 | 114 | 55 | 146 | 25 | 176 | 7 |
| 27 | 23 | 34 | 51 | 50 | 83 | 14 | 116 | 0 | 147 | 26 | 177 | 5 |
| 28 | 24 | 28 | 52 | 50 | 84 | 19 | 117 | 5 | 148 | 27 | 178 | 4 |
| 29 | 25 | 22 | 53 | 50 | 85 | 24 | 118 | 10 | 149 | 28 | 179 | 2 |
| 30 | 26 | 16 | 54 | 50 | 86 | 30 | 119 | 14 | 150 | 28 | 180 | 0 |

Ad latitudinem .8. Graduum

| S | ♈ | | ♉ | | ♊ | | ♋ | | ♌ | | ♍ | |
|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|
| | S | m | S | m | S | m | S | m | S | m | S | m |
| 0 | 180 | 0 | 209 | 32 | 240 | 46 | 273 | 30 | 305 | 10 | 333 | 44 |
| 1 | 180 | 58 | 210 | 32 | 241 | 50 | 274 | 36 | 306 | 10 | 334 | 38 |
| 2 | 181 | 56 | 211 | 33 | 242 | 55 | 275 | 41 | 307 | 10 | 335 | 32 |
| 3 | 182 | 55 | 212 | 34 | 244 | 0 | 276 | 46 | 308 | 10 | 336 | 26 |
| 4 | 183 | 53 | 213 | 35 | 245 | 5 | 277 | 51 | 309 | 10 | 337 | 20 |
| 5 | 184 | 52 | 214 | 36 | 246 | 10 | 278 | 56 | 310 | 9 | 338 | 14 |
| 6 | 185 | 50 | 215 | 37 | 247 | 15 | 280 | 1 | 311 | 8 | 339 | 8 |
| 7 | 186 | 49 | 216 | 38 | 248 | 20 | 281 | 6 | 312 | 7 | 340 | 1 |
| 8 | 187 | 47 | 217 | 40 | 249 | 25 | 282 | 10 | 313 | 5 | 340 | 54 |
| 9 | 188 | 46 | 218 | 41 | 250 | 30 | 283 | 15 | 314 | 4 | 341 | 47 |
| 10 | 189 | 45 | 219 | 43 | 251 | 36 | 284 | 19 | 315 | 2 | 342 | 40 |
| 11 | 190 | 43 | 220 | 45 | 252 | 41 | 285 | 23 | 316 | 0 | 343 | 33 |
| 12 | 191 | 42 | 221 | 47 | 253 | 47 | 286 | 27 | 316 | 58 | 344 | 25 |
| 13 | 192 | 40 | 222 | 49 | 254 | 53 | 287 | 31 | 317 | 56 | 345 | 18 |
| 14 | 193 | 39 | 223 | 51 | 255 | 59 | 288 | 35 | 318 | 54 | 346 | 10 |
| 15 | 194 | 38 | 224 | 53 | 257 | 5 | 289 | 39 | 319 | 51 | 347 | 2 |
| 16 | 195 | 37 | 225 | 56 | 258 | 10 | 290 | 42 | 320 | 48 | 347 | 55 |
| 17 | 196 | 36 | 226 | 59 | 259 | 16 | 291 | 45 | 321 | 44 | 348 | 47 |
| 18 | 197 | 35 | 228 | 2 | 260 | 21 | 292 | 48 | 322 | 41 | 349 | 39 |
| 19 | 198 | 34 | 229 | 5 | 261 | 27 | 293 | 51 | 323 | 37 | 350 | 31 |
| 20 | 199 | 34 | 230 | 8 | 262 | 33 | 294 | 54 | 324 | 33 | 351 | 23 |
| 21 | 200 | 33 | 231 | 11 | 263 | 39 | 295 | 56 | 325 | 29 | 352 | 15 |
| 22 | 201 | 33 | 232 | 14 | 264 | 45 | 296 | 58 | 326 | 25 | 353 | 7 |
| 23 | 202 | 32 | 233 | 18 | 265 | 51 | 298 | 0 | 327 | 21 | 353 | 59 |
| 24 | 203 | 32 | 234 | 21 | 266 | 57 | 299 | 2 | 328 | 17 | 354 | 51 |
| 25 | 204 | 32 | 235 | 25 | 268 | 2 | 300 | 4 | 329 | 12 | 355 | 42 |
| 26 | 205 | 32 | 236 | 29 | 269 | 8 | 301 | 6 | 330 | 7 | 356 | 34 |
| 27 | 206 | 32 | 237 | 33 | 270 | 14 | 302 | 7 | 331 | 1 | 357 | 26 |
| 28 | 207 | 32 | 238 | 37 | 271 | 19 | 303 | 8 | 331 | 56 | 358 | 17 |
| 29 | 208 | 32 | 239 | 41 | 272 | 25 | 304 | 9 | 332 | 50 | 359 | 9 |
| 30 | 209 | 32 | 240 | 46 | 273 | 30 | 305 | 10 | 333 | 44 | 360 | 0 |

DE 3

Tabula Ascensionum Obliquarum.

| | γ | | δ | | π | | ε | | ζ | | η | |
|----|----|----|----|----|----|----|-----|----|-----|----|-----|----|
| δ | δ | in | δ | in | δ | in | δ | in | δ | in | δ | in |
| 0 | 0 | 0 | 26 | 3 | 54 | 28 | 86 | 3 | 118 | 52 | 150 | 15 |
| 1 | 0 | 51 | 26 | 57 | 55 | 28 | 87 | 8 | 119 | 57 | 151 | 16 |
| 2 | 1 | 42 | 27 | 51 | 56 | 29 | 88 | 14 | 121 | 1 | 152 | 17 |
| 3 | 2 | 33 | 28 | 45 | 57 | 30 | 89 | 19 | 122 | 6 | 153 | 17 |
| 4 | 3 | 24 | 29 | 39 | 58 | 31 | 90 | 25 | 123 | 10 | 154 | 18 |
| 5 | 4 | 16 | 30 | 34 | 59 | 32 | 91 | 31 | 124 | 14 | 155 | 18 |
| 6 | 5 | 7 | 31 | 29 | 60 | 33 | 92 | 36 | 125 | 18 | 156 | 18 |
| 7 | 5 | 58 | 32 | 24 | 61 | 35 | 93 | 42 | 126 | 22 | 157 | 18 |
| 8 | 6 | 50 | 33 | 20 | 62 | 37 | 94 | 48 | 127 | 25 | 158 | 18 |
| 9 | 7 | 41 | 34 | 15 | 63 | 39 | 95 | 54 | 128 | 29 | 159 | 18 |
| 10 | 8 | 33 | 35 | 11 | 64 | 41 | 97 | 0 | 129 | 32 | 160 | 18 |
| 11 | 9 | 24 | 36 | 7 | 65 | 44 | 98 | 6 | 130 | 36 | 161 | 18 |
| 12 | 10 | 16 | 37 | 3 | 66 | 47 | 99 | 12 | 131 | 39 | 162 | 17 |
| 13 | 11 | 7 | 37 | 59 | 67 | 50 | 100 | 18 | 132 | 43 | 163 | 17 |
| 14 | 11 | 59 | 38 | 55 | 68 | 53 | 101 | 24 | 133 | 46 | 164 | 16 |
| 15 | 12 | 51 | 39 | 51 | 69 | 56 | 102 | 30 | 134 | 49 | 165 | 15 |
| 16 | 13 | 43 | 40 | 48 | 70 | 59 | 103 | 36 | 135 | 52 | 166 | 15 |
| 17 | 14 | 35 | 41 | 45 | 72 | 3 | 104 | 42 | 136 | 54 | 167 | 14 |
| 18 | 15 | 27 | 42 | 43 | 73 | 6 | 105 | 48 | 137 | 57 | 168 | 13 |
| 19 | 16 | 19 | 43 | 40 | 74 | 9 | 106 | 54 | 138 | 59 | 169 | 12 |
| 20 | 17 | 12 | 44 | 38 | 75 | 13 | 107 | 59 | 140 | 1 | 170 | 11 |
| 21 | 18 | 4 | 45 | 36 | 76 | 17 | 109 | 5 | 141 | 3 | 171 | 10 |
| 22 | 18 | 57 | 46 | 34 | 77 | 22 | 110 | 10 | 142 | 5 | 172 | 9 |
| 23 | 19 | 50 | 47 | 33 | 78 | 27 | 111 | 16 | 143 | 7 | 173 | 8 |
| 24 | 20 | 43 | 48 | 31 | 79 | 32 | 112 | 21 | 144 | 9 | 174 | 7 |
| 25 | 21 | 36 | 49 | 30 | 80 | 37 | 113 | 26 | 145 | 10 | 175 | 6 |
| 26 | 22 | 29 | 50 | 29 | 81 | 42 | 114 | 32 | 146 | 11 | 176 | 5 |
| 27 | 23 | 22 | 51 | 29 | 82 | 47 | 115 | 37 | 147 | 12 | 177 | 4 |
| 28 | 24 | 16 | 52 | 28 | 83 | 52 | 116 | 42 | 148 | 13 | 178 | 3 |
| 29 | 25 | 9 | 53 | 28 | 84 | 57 | 117 | 47 | 149 | 14 | 179 | 2 |
| 30 | 26 | 3 | 54 | 28 | 86 | 3 | 118 | 52 | 150 | 15 | 180 | 0 |

Ad latitudinem .9. Graduum

| h | n | | m | | p | | z | | x | | | |
|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|
| | h | m | h | m | h | m | h | m | h | m | | |
| 0 | 180 | 0 | 209 | 45 | 241 | 8 | 273 | 57 | 305 | 32 | 333 | 57 |
| 1 | 180 | 58 | 210 | 46 | 242 | 13 | 275 | 3 | 306 | 32 | 334 | 51 |
| 2 | 181 | 57 | 211 | 47 | 243 | 18 | 276 | 8 | 307 | 32 | 335 | 44 |
| 3 | 182 | 56 | 212 | 48 | 244 | 23 | 277 | 13 | 308 | 31 | 336 | 38 |
| 4 | 183 | 55 | 213 | 49 | 245 | 28 | 278 | 18 | 309 | 31 | 337 | 31 |
| 5 | 184 | 54 | 214 | 50 | 246 | 34 | 279 | 23 | 310 | 30 | 338 | 24 |
| 6 | 185 | 53 | 215 | 51 | 247 | 39 | 280 | 28 | 311 | 29 | 339 | 17 |
| 7 | 186 | 52 | 216 | 53 | 248 | 44 | 281 | 33 | 312 | 27 | 340 | 10 |
| 8 | 187 | 51 | 217 | 55 | 249 | 50 | 282 | 38 | 313 | 26 | 341 | 3 |
| 9 | 188 | 50 | 218 | 57 | 250 | 55 | 283 | 43 | 314 | 24 | 341 | 56 |
| 10 | 189 | 49 | 219 | 59 | 252 | 1 | 284 | 47 | 315 | 22 | 342 | 48 |
| 11 | 190 | 48 | 221 | 1 | 253 | 6 | 285 | 51 | 316 | 20 | 343 | 41 |
| 12 | 191 | 47 | 222 | 3 | 254 | 12 | 286 | 54 | 317 | 17 | 344 | 33 |
| 13 | 192 | 46 | 223 | 6 | 255 | 18 | 287 | 48 | 318 | 15 | 345 | 25 |
| 14 | 193 | 45 | 224 | 8 | 256 | 24 | 289 | 1 | 319 | 12 | 346 | 17 |
| 15 | 194 | 45 | 225 | 11 | 257 | 30 | 290 | 4 | 320 | 9 | 347 | 9 |
| 16 | 195 | 44 | 226 | 14 | 258 | 36 | 291 | 7 | 321 | 5 | 348 | 1 |
| 17 | 196 | 43 | 227 | 17 | 259 | 42 | 292 | 10 | 322 | 1 | 348 | 53 |
| 18 | 197 | 43 | 228 | 21 | 260 | 48 | 293 | 13 | 322 | 57 | 349 | 44 |
| 19 | 198 | 42 | 229 | 24 | 261 | 54 | 294 | 16 | 323 | 53 | 350 | 36 |
| 20 | 199 | 42 | 230 | 28 | 263 | 0 | 295 | 19 | 324 | 49 | 351 | 27 |
| 21 | 200 | 42 | 231 | 31 | 264 | 6 | 296 | 21 | 325 | 45 | 352 | 19 |
| 22 | 201 | 42 | 232 | 35 | 265 | 12 | 297 | 23 | 326 | 40 | 353 | 10 |
| 23 | 202 | 42 | 233 | 38 | 266 | 18 | 298 | 25 | 327 | 36 | 354 | 2 |
| 24 | 203 | 42 | 234 | 42 | 267 | 24 | 299 | 27 | 328 | 31 | 354 | 53 |
| 25 | 204 | 42 | 235 | 46 | 268 | 29 | 300 | 28 | 329 | 26 | 355 | 44 |
| 26 | 205 | 42 | 236 | 50 | 269 | 35 | 301 | 29 | 330 | 21 | 356 | 36 |
| 27 | 206 | 43 | 237 | 54 | 270 | 41 | 302 | 30 | 331 | 15 | 357 | 27 |
| 28 | 207 | 43 | 238 | 59 | 271 | 46 | 303 | 31 | 332 | 9 | 358 | 18 |
| 29 | 208 | 44 | 240 | 3 | 272 | 52 | 304 | 32 | 333 | 3 | 359 | 9 |
| 30 | 209 | 45 | 241 | 8 | 273 | 57 | 305 | 32 | 333 | 57 | 360 | 0 |

DE 4

Tabula Ascensionum Obliquarum.

| ♁ | γ | | δ | | π | | ε | | Ω | | mp | |
|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | ♁ m | ♁ m | ♁ m | ♁ m | ♁ m | ♁ m | ♁ m | ♁ m | ♁ m | ♁ m | ♁ m | ♁ m |
| 0 | 0 | 0 | 25 | 51 | 54 | 5 | 85 | 36 | 118 | 29 | 150 | 3 |
| 1 | 0 | 50 | 26 | 44 | 55 | 5 | 86 | 42 | 119 | 34 | 151 | 4 |
| 2 | 1 | 41 | 27 | 38 | 56 | 6 | 87 | 47 | 120 | 39 | 152 | 5 |
| 3 | 2 | 32 | 28 | 32 | 57 | 6 | 88 | 53 | 121 | 43 | 153 | 6 |
| 4 | 3 | 23 | 29 | 26 | 58 | 7 | 89 | 58 | 122 | 48 | 154 | 7 |
| 5 | 4 | 14 | 30 | 20 | 59 | 8 | 91 | 4 | 123 | 52 | 155 | 7 |
| 6 | 5 | 5 | 31 | 14 | 60 | 9 | 92 | 10 | 124 | 56 | 156 | 8 |
| 7 | 5 | 56 | 32 | 9 | 61 | 11 | 93 | 16 | 126 | 0 | 157 | 8 |
| 8 | 6 | 47 | 33 | 4 | 62 | 12 | 94 | 22 | 127 | 4 | 158 | 9 |
| 9 | 7 | 38 | 33 | 59 | 63 | 14 | 95 | 28 | 128 | 8 | 159 | 9 |
| 10 | 8 | 29 | 34 | 54 | 64 | 16 | 96 | 34 | 129 | 12 | 160 | 9 |
| 11 | 9 | 20 | 35 | 49 | 65 | 18 | 97 | 40 | 130 | 16 | 161 | 9 |
| 12 | 10 | 11 | 36 | 45 | 66 | 21 | 98 | 46 | 131 | 20 | 162 | 9 |
| 13 | 11 | 2 | 37 | 41 | 67 | 23 | 99 | 51 | 132 | 24 | 163 | 9 |
| 14 | 11 | 53 | 38 | 37 | 68 | 26 | 100 | 57 | 133 | 28 | 164 | 9 |
| 15 | 12 | 45 | 39 | 33 | 69 | 29 | 102 | 3 | 134 | 31 | 165 | 9 |
| 16 | 13 | 36 | 40 | 30 | 70 | 32 | 103 | 10 | 135 | 34 | 166 | 9 |
| 17 | 14 | 28 | 41 | 27 | 71 | 36 | 104 | 16 | 136 | 37 | 167 | 9 |
| 18 | 15 | 19 | 42 | 24 | 72 | 40 | 105 | 22 | 137 | 40 | 168 | 8 |
| 19 | 16 | 11 | 43 | 21 | 73 | 44 | 106 | 28 | 138 | 43 | 169 | 8 |
| 20 | 17 | 3 | 44 | 18 | 74 | 48 | 107 | 34 | 139 | 45 | 170 | 7 |
| 21 | 17 | 55 | 45 | 16 | 75 | 52 | 108 | 40 | 140 | 48 | 171 | 7 |
| 22 | 18 | 47 | 46 | 14 | 76 | 56 | 109 | 46 | 141 | 50 | 172 | 6 |
| 23 | 19 | 40 | 47 | 12 | 78 | 1 | 110 | 51 | 142 | 52 | 173 | 6 |
| 24 | 20 | 32 | 48 | 10 | 79 | 5 | 111 | 57 | 143 | 54 | 174 | 5 |
| 25 | 21 | 25 | 49 | 4 | 80 | 10 | 113 | 2 | 144 | 56 | 175 | 4 |
| 26 | 22 | 18 | 50 | 7 | 81 | 15 | 114 | 8 | 145 | 58 | 176 | 4 |
| 27 | 23 | 11 | 51 | 6 | 82 | 20 | 115 | 13 | 146 | 59 | 177 | 3 |
| 28 | 24 | 4 | 52 | 6 | 83 | 25 | 116 | 19 | 148 | 1 | 178 | 2 |
| 29 | 24 | 57 | 53 | 5 | 84 | 30 | 117 | 24 | 149 | 2 | 179 | 1 |
| 30 | 25 | 51 | 54 | 5 | 85 | 36 | 118 | 29 | 150 | 3 | 180 | 0 |

Ad latitudinem .10. Graduum.

| | u | m | T | o | κ | χ |
|----|--------|--------|--------|--------|--------|--------|
| δ | δ m | δ m | δ m | δ m | δ m | δ m |
| 0 | 180 0 | 209 57 | 241 31 | 274 24 | 305 55 | 334 9 |
| 1 | 180 59 | 210 58 | 242 36 | 275 30 | 306 55 | 335 3 |
| 2 | 181 58 | 211 59 | 243 41 | 276 35 | 307 54 | 335 56 |
| 3 | 182 57 | 213 1 | 244 47 | 277 40 | 308 54 | 336 49 |
| 4 | 183 56 | 214 2 | 245 52 | 278 45 | 309 53 | 337 42 |
| 5 | 184 56 | 215 4 | 246 58 | 279 50 | 310 52 | 338 35 |
| 6 | 185 55 | 216 6 | 248 3 | 280 55 | 311 50 | 339 28 |
| 7 | 186 54 | 217 8 | 249 9 | 281 59 | 312 48 | 340 20 |
| 8 | 187 54 | 218 10 | 250 14 | 283 4 | 313 46 | 341 13 |
| 9 | 188 53 | 219 12 | 251 20 | 284 8 | 314 44 | 342 5 |
| 10 | 189 53 | 220 15 | 252 26 | 285 12 | 315 42 | 342 57 |
| 11 | 190 52 | 221 17 | 253 32 | 286 16 | 316 39 | 343 49 |
| 12 | 191 52 | 222 20 | 254 38 | 287 20 | 317 36 | 344 41 |
| 13 | 192 51 | 223 23 | 255 44 | 288 24 | 318 33 | 345 32 |
| 14 | 193 51 | 224 26 | 256 50 | 289 28 | 319 30 | 346 24 |
| 15 | 194 51 | 225 29 | 257 57 | 290 31 | 320 27 | 347 15 |
| 16 | 195 51 | 226 32 | 259 3 | 291 34 | 321 23 | 348 7 |
| 17 | 196 51 | 227 36 | 260 9 | 292 37 | 322 19 | 348 58 |
| 18 | 197 51 | 228 40 | 261 14 | 293 39 | 323 15 | 349 49 |
| 19 | 198 51 | 229 44 | 262 20 | 294 42 | 324 10 | 350 40 |
| 20 | 199 51 | 230 48 | 263 26 | 295 44 | 325 6 | 351 31 |
| 21 | 200 51 | 231 52 | 264 32 | 296 46 | 326 1 | 352 22 |
| 22 | 201 51 | 232 56 | 265 38 | 297 48 | 326 56 | 353 13 |
| 23 | 202 52 | 234 0 | 266 44 | 298 49 | 327 51 | 354 4 |
| 24 | 203 52 | 235 4 | 267 50 | 299 51 | 328 46 | 354 55 |
| 25 | 204 53 | 236 8 | 268 56 | 300 52 | 329 40 | 355 46 |
| 26 | 205 53 | 237 12 | 270 2 | 301 53 | 330 34 | 356 37 |
| 27 | 206 54 | 238 17 | 271 7 | 302 54 | 331 28 | 357 28 |
| 28 | 207 55 | 239 21 | 272 13 | 303 54 | 332 22 | 358 19 |
| 29 | 208 56 | 240 26 | 273 18 | 304 55 | 333 16 | 359 10 |
| 30 | 209 57 | 241 31 | 274 24 | 305 55 | 334 9 | 360 0 |

Tabula Ascensionum Obliquarum.

| S | γ | | δ | | π | | ε | | ζ | | η | |
|----|----|----|----|----|----|----|-----|----|-----|----|-----|----|
| | S | m | S | m | S | m | S | m | S | m | S | m |
| 0 | 0 | 0 | 25 | 38 | 53 | 42 | 85 | 9 | 118 | 6 | 149 | 50 |
| 1 | 0 | 50 | 26 | 31 | 54 | 42 | 86 | 14 | 119 | 11 | 150 | 52 |
| 2 | 1 | 40 | 27 | 24 | 55 | 42 | 87 | 20 | 120 | 16 | 151 | 53 |
| 3 | 2 | 31 | 28 | 18 | 56 | 43 | 88 | 25 | 121 | 21 | 152 | 55 |
| 4 | 3 | 21 | 29 | 11 | 57 | 43 | 89 | 31 | 122 | 26 | 153 | 56 |
| 5 | 4 | 12 | 30 | 5 | 58 | 44 | 90 | 37 | 123 | 31 | 154 | 57 |
| 6 | 5 | 2 | 30 | 59 | 59 | 45 | 91 | 43 | 124 | 36 | 155 | 58 |
| 7 | 5 | 53 | 31 | 54 | 60 | 46 | 92 | 49 | 125 | 40 | 156 | 59 |
| 8 | 6 | 43 | 32 | 48 | 61 | 48 | 93 | 55 | 126 | 45 | 158 | 0 |
| 9 | 7 | 34 | 33 | 43 | 62 | 49 | 95 | 1 | 127 | 49 | 159 | 1 |
| 10 | 8 | 25 | 34 | 38 | 63 | 51 | 96 | 7 | 128 | 53 | 160 | 1 |
| 11 | 9 | 15 | 35 | 33 | 64 | 53 | 97 | 13 | 129 | 57 | 161 | 2 |
| 12 | 10 | 6 | 36 | 28 | 65 | 56 | 98 | 19 | 131 | 1 | 162 | 2 |
| 13 | 10 | 57 | 37 | 24 | 66 | 58 | 99 | 25 | 132 | 5 | 163 | 3 |
| 14 | 11 | 48 | 38 | 19 | 68 | 1 | 100 | 31 | 133 | 9 | 164 | 3 |
| 15 | 12 | 39 | 39 | 15 | 69 | 4 | 101 | 38 | 134 | 13 | 165 | 3 |
| 16 | 13 | 30 | 40 | 11 | 70 | 7 | 102 | 45 | 135 | 16 | 166 | 3 |
| 17 | 14 | 21 | 41 | 8 | 71 | 10 | 103 | 51 | 136 | 19 | 167 | 3 |
| 18 | 15 | 12 | 42 | 5 | 72 | 14 | 104 | 57 | 137 | 22 | 168 | 3 |
| 19 | 16 | 3 | 43 | 2 | 73 | 17 | 106 | 3 | 138 | 25 | 169 | 3 |
| 20 | 16 | 55 | 43 | 59 | 74 | 21 | 107 | 9 | 139 | 28 | 170 | 3 |
| 21 | 17 | 47 | 44 | 56 | 75 | 25 | 108 | 15 | 140 | 31 | 171 | 3 |
| 22 | 18 | 39 | 45 | 54 | 76 | 29 | 109 | 21 | 141 | 34 | 172 | 3 |
| 23 | 19 | 31 | 46 | 51 | 77 | 34 | 110 | 27 | 142 | 36 | 173 | 3 |
| 24 | 20 | 23 | 47 | 49 | 78 | 38 | 111 | 33 | 143 | 39 | 174 | 3 |
| 25 | 21 | 15 | 48 | 47 | 79 | 43 | 112 | 38 | 144 | 41 | 175 | 2 |
| 26 | 22 | 7 | 49 | 46 | 80 | 48 | 113 | 44 | 145 | 43 | 176 | 2 |
| 27 | 23 | 0 | 50 | 45 | 81 | 53 | 114 | 50 | 146 | 45 | 177 | 2 |
| 28 | 23 | 52 | 51 | 44 | 82 | 58 | 115 | 55 | 147 | 47 | 178 | 1 |
| 29 | 24 | 47 | 52 | 43 | 84 | 3 | 117 | 1 | 148 | 49 | 179 | 1 |
| 30 | 25 | 38 | 53 | 42 | 85 | 9 | 118 | 6 | 149 | 50 | 180 | 0 |

Ad latitudinem . . . Graduum.

| δ | α | | μ | | π | | ρ | | κ | | χ | |
|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|
| | δ | m | δ | m | δ | m | δ | m | δ | m | δ | m |
| 0 | 180 | 0 | 210 | 10 | 241 | 54 | 274 | 51 | 306 | 18 | 334 | 22 |
| 1 | 180 | 59 | 211 | 11 | 242 | 59 | 275 | 57 | 307 | 17 | 335 | 15 |
| 2 | 181 | 59 | 212 | 13 | 244 | 5 | 277 | 2 | 308 | 16 | 336 | 8 |
| 3 | 182 | 58 | 213 | 15 | 245 | 10 | 278 | 7 | 309 | 15 | 337 | 0 |
| 4 | 183 | 58 | 214 | 17 | 246 | 16 | 279 | 12 | 310 | 14 | 337 | 53 |
| 5 | 184 | 58 | 215 | 19 | 247 | 22 | 280 | 17 | 311 | 13 | 338 | 45 |
| 6 | 185 | 57 | 216 | 21 | 248 | 27 | 281 | 22 | 312 | 11 | 339 | 37 |
| 7 | 186 | 57 | 217 | 24 | 249 | 33 | 282 | 26 | 313 | 9 | 340 | 29 |
| 8 | 187 | 57 | 218 | 26 | 250 | 39 | 283 | 31 | 314 | 6 | 341 | 21 |
| 9 | 188 | 57 | 219 | 29 | 251 | 45 | 284 | 35 | 315 | 4 | 342 | 13 |
| 10 | 189 | 57 | 220 | 32 | 252 | 51 | 285 | 39 | 316 | 1 | 343 | 5 |
| 11 | 190 | 57 | 221 | 35 | 253 | 57 | 286 | 43 | 316 | 58 | 343 | 57 |
| 12 | 191 | 57 | 222 | 38 | 255 | 3 | 287 | 46 | 317 | 55 | 344 | 48 |
| 13 | 192 | 57 | 223 | 41 | 256 | 9 | 288 | 50 | 318 | 52 | 345 | 39 |
| 14 | 193 | 57 | 224 | 44 | 257 | 15 | 289 | 53 | 319 | 49 | 346 | 30 |
| 15 | 194 | 57 | 225 | 47 | 258 | 22 | 290 | 56 | 320 | 45 | 347 | 21 |
| 16 | 195 | 57 | 226 | 51 | 259 | 29 | 291 | 59 | 321 | 41 | 348 | 12 |
| 17 | 196 | 57 | 227 | 55 | 260 | 35 | 293 | 2 | 322 | 36 | 349 | 3 |
| 18 | 197 | 58 | 228 | 59 | 261 | 41 | 294 | 4 | 323 | 32 | 349 | 54 |
| 19 | 198 | 58 | 230 | 3 | 262 | 47 | 295 | 7 | 324 | 27 | 350 | 45 |
| 20 | 199 | 59 | 231 | 7 | 263 | 53 | 296 | 9 | 325 | 22 | 351 | 35 |
| 21 | 200 | 59 | 232 | 11 | 264 | 59 | 297 | 11 | 326 | 17 | 352 | 26 |
| 22 | 202 | 0 | 233 | 15 | 266 | 5 | 298 | 12 | 327 | 12 | 335 | 17 |
| 23 | 203 | 1 | 234 | 20 | 267 | 11 | 299 | 14 | 328 | 6 | 354 | 7 |
| 24 | 204 | 2 | 235 | 24 | 268 | 17 | 300 | 15 | 329 | 1 | 354 | 58 |
| 25 | 205 | 3 | 236 | 29 | 269 | 23 | 301 | 16 | 329 | 55 | 355 | 48 |
| 26 | 206 | 4 | 237 | 34 | 270 | 29 | 302 | 17 | 330 | 49 | 356 | 39 |
| 27 | 207 | 5 | 238 | 39 | 271 | 35 | 303 | 17 | 331 | 42 | 357 | 29 |
| 28 | 208 | 7 | 239 | 44 | 272 | 40 | 304 | 18 | 332 | 36 | 358 | 20 |
| 29 | 209 | 8 | 240 | 49 | 273 | 46 | 305 | 18 | 333 | 29 | 359 | 10 |
| 30 | 210 | 10 | 241 | 54 | 274 | 51 | 306 | 18 | 334 | 22 | 360 | 0 |

Tabula Ascensionum Obliquarum.

| h | γ | | δ | | ι | | ε | | ζ | | η | |
|----|----|----|----|----|----|----|-----|----|-----|----|-----|----|
| | h | m | h | m | h | m | h | m | h | m | h | m |
| 0 | 0 | 0 | 25 | 25 | 53 | 19 | 84 | 42 | 117 | 43 | 149 | 37 |
| 1 | 0 | 50 | 26 | 18 | 54 | 19 | 85 | 47 | 118 | 49 | 150 | 39 |
| 2 | 1 | 40 | 27 | 11 | 55 | 19 | 86 | 53 | 119 | 54 | 151 | 41 |
| 3 | 2 | 30 | 28 | 4 | 56 | 19 | 87 | 58 | 120 | 59 | 152 | 43 |
| 4 | 3 | 20 | 28 | 57 | 57 | 19 | 89 | 4 | 122 | 4 | 153 | 45 |
| 5 | 4 | 10 | 29 | 50 | 58 | 19 | 90 | 10 | 123 | 9 | 154 | 46 |
| 6 | 5 | 0 | 30 | 44 | 59 | 20 | 91 | 16 | 124 | 14 | 155 | 48 |
| 7 | 5 | 50 | 31 | 38 | 60 | 21 | 92 | 22 | 125 | 19 | 156 | 49 |
| 8 | 6 | 40 | 32 | 32 | 61 | 22 | 93 | 28 | 126 | 23 | 157 | 50 |
| 9 | 7 | 30 | 33 | 26 | 62 | 23 | 94 | 34 | 127 | 28 | 158 | 51 |
| 10 | 8 | 20 | 34 | 21 | 63 | 25 | 95 | 41 | 128 | 32 | 159 | 52 |
| 11 | 9 | 10 | 35 | 16 | 64 | 27 | 96 | 47 | 129 | 37 | 160 | 53 |
| 12 | 10 | 0 | 36 | 11 | 65 | 30 | 97 | 53 | 130 | 41 | 161 | 54 |
| 13 | 10 | 51 | 37 | 6 | 66 | 32 | 99 | 0 | 131 | 46 | 162 | 55 |
| 14 | 11 | 41 | 38 | 1 | 67 | 35 | 100 | 6 | 132 | 50 | 163 | 56 |
| 15 | 12 | 32 | 38 | 56 | 68 | 38 | 101 | 12 | 133 | 54 | 164 | 56 |
| 16 | 13 | 22 | 39 | 52 | 69 | 41 | 102 | 19 | 134 | 58 | 165 | 57 |
| 17 | 14 | 13 | 40 | 48 | 70 | 44 | 103 | 25 | 136 | 1 | 166 | 57 |
| 18 | 15 | 4 | 41 | 45 | 71 | 48 | 104 | 31 | 137 | 5 | 167 | 58 |
| 19 | 15 | 55 | 42 | 4 | 72 | 51 | 105 | 37 | 138 | 8 | 168 | 58 |
| 20 | 16 | 46 | 43 | 38 | 73 | 55 | 106 | 43 | 139 | 11 | 169 | 58 |
| 21 | 17 | 37 | 44 | 35 | 74 | 59 | 107 | 49 | 140 | 14 | 170 | 59 |
| 22 | 18 | 29 | 45 | 32 | 76 | 3 | 108 | 55 | 141 | 17 | 171 | 59 |
| 23 | 19 | 20 | 46 | 30 | 77 | 7 | 110 | 1 | 142 | 20 | 173 | 0 |
| 24 | 20 | 12 | 47 | 27 | 78 | 11 | 111 | 7 | 143 | 23 | 174 | 0 |
| 25 | 21 | 4 | 48 | 25 | 79 | 16 | 112 | 13 | 144 | 26 | 175 | 0 |
| 26 | 21 | 56 | 49 | 23 | 80 | 21 | 113 | 19 | 145 | 29 | 176 | 0 |
| 27 | 22 | 48 | 50 | 22 | 81 | 26 | 114 | 25 | 146 | 30 | 177 | 0 |
| 28 | 23 | 40 | 51 | 21 | 82 | 31 | 115 | 31 | 147 | 33 | 178 | 0 |
| 29 | 24 | 32 | 52 | 20 | 83 | 36 | 116 | 37 | 148 | 35 | 179 | 0 |
| 30 | 25 | 25 | 53 | 19 | 84 | 42 | 117 | 43 | 149 | 37 | 180 | 0 |

Ad latitudinem .12. Gradum.

| | ♌ | | ♍ | | ♎ | | ♏ | | ♐ | | ♑ | |
|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|
| ♁ | ♁ | ♂ | ♁ | ♂ | ♁ | ♂ | ♁ | ♂ | ♁ | ♂ | ♁ | ♂ |
| 0 | 180 | 0 | 210 | 23 | 242 | 17 | 275 | 18 | 306 | 41 | 334 | 35 |
| 1 | 181 | 0 | 211 | 25 | 243 | 23 | 276 | 24 | 307 | 40 | 335 | 28 |
| 2 | 182 | 0 | 212 | 27 | 244 | 29 | 277 | 29 | 308 | 39 | 336 | 20 |
| 3 | 183 | 0 | 213 | 29 | 245 | 35 | 278 | 34 | 309 | 38 | 337 | 12 |
| 4 | 184 | 0 | 214 | 31 | 246 | 41 | 279 | 39 | 310 | 37 | 338 | 4 |
| 5 | 185 | 0 | 215 | 34 | 247 | 47 | 280 | 44 | 311 | 35 | 338 | 56 |
| 6 | 186 | 0 | 216 | 37 | 248 | 53 | 281 | 49 | 312 | 33 | 339 | 48 |
| 7 | 187 | 0 | 217 | 40 | 249 | 59 | 282 | 53 | 313 | 30 | 340 | 40 |
| 8 | 188 | 1 | 218 | 43 | 251 | 5 | 283 | 57 | 314 | 28 | 341 | 31 |
| 9 | 189 | 1 | 219 | 46 | 252 | 11 | 285 | 1 | 315 | 25 | 342 | 23 |
| 10 | 190 | 2 | 220 | 49 | 253 | 17 | 286 | 5 | 316 | 22 | 343 | 14 |
| 11 | 191 | 2 | 221 | 52 | 254 | 23 | 287 | 9 | 317 | 19 | 344 | 5 |
| 12 | 192 | 2 | 222 | 55 | 255 | 29 | 288 | 12 | 318 | 15 | 344 | 56 |
| 13 | 193 | 3 | 223 | 59 | 256 | 35 | 289 | 16 | 319 | 12 | 345 | 47 |
| 14 | 194 | 3 | 225 | 2 | 257 | 41 | 290 | 19 | 320 | 8 | 346 | 38 |
| 15 | 195 | 4 | 226 | 6 | 258 | 48 | 291 | 22 | 321 | 4 | 347 | 28 |
| 16 | 196 | 4 | 227 | 10 | 259 | 54 | 292 | 25 | 321 | 59 | 348 | 19 |
| 17 | 197 | 5 | 228 | 14 | 261 | 0 | 293 | 28 | 322 | 54 | 349 | 9 |
| 18 | 198 | 6 | 229 | 19 | 262 | 7 | 294 | 30 | 323 | 49 | 350 | 0 |
| 19 | 199 | 7 | 230 | 23 | 263 | 13 | 295 | 33 | 324 | 44 | 350 | 50 |
| 20 | 200 | 8 | 231 | 28 | 264 | 19 | 296 | 35 | 325 | 39 | 351 | 40 |
| 21 | 201 | 9 | 232 | 32 | 265 | 26 | 297 | 37 | 326 | 34 | 352 | 30 |
| 22 | 202 | 10 | 233 | 37 | 266 | 32 | 298 | 38 | 327 | 28 | 353 | 20 |
| 23 | 203 | 11 | 234 | 41 | 267 | 38 | 299 | 39 | 328 | 22 | 354 | 10 |
| 24 | 204 | 12 | 235 | 46 | 268 | 44 | 300 | 40 | 329 | 16 | 355 | 0 |
| 25 | 205 | 14 | 236 | 51 | 269 | 50 | 301 | 41 | 330 | 10 | 355 | 50 |
| 26 | 206 | 15 | 237 | 56 | 270 | 56 | 302 | 41 | 331 | 3 | 356 | 40 |
| 27 | 207 | 17 | 239 | 1 | 272 | 2 | 303 | 41 | 331 | 56 | 357 | 30 |
| 28 | 208 | 19 | 240 | 6 | 273 | 7 | 304 | 41 | 332 | 49 | 358 | 20 |
| 29 | 209 | 21 | 241 | 5 | 274 | 13 | 305 | 41 | 333 | 42 | 359 | 10 |
| 30 | 210 | 23 | 242 | 17 | 275 | 18 | 306 | 41 | 334 | 35 | 360 | 0 |

Tabula Ascensionum Obliquarum.

| S | γ | | δ | | π | | ε | | Ω | | η | |
|----|----|----|----|----|----|----|-----|----|-----|----|-----|----|
| | S | m | S | m | S | m | S | m | S | m | S | m |
| 0 | 0 | 0 | 25 | 12 | 52 | 55 | 84 | 14 | 117 | 19 | 149 | 24 |
| 1 | 0 | 49 | 26 | 4 | 53 | 55 | 85 | 19 | 118 | 25 | 150 | 27 |
| 2 | 1 | 38 | 26 | 57 | 54 | 55 | 86 | 25 | 119 | 31 | 151 | 29 |
| 3 | 2 | 28 | 27 | 49 | 55 | 55 | 87 | 31 | 120 | 36 | 152 | 31 |
| 4 | 3 | 17 | 28 | 42 | 56 | 55 | 88 | 37 | 121 | 42 | 153 | 33 |
| 5 | 4 | 7 | 29 | 35 | 57 | 55 | 89 | 43 | 122 | 47 | 154 | 35 |
| 6 | 4 | 56 | 30 | 28 | 58 | 56 | 90 | 49 | 123 | 52 | 155 | 37 |
| 7 | 5 | 46 | 31 | 22 | 59 | 57 | 91 | 55 | 124 | 57 | 156 | 39 |
| 8 | 6 | 36 | 32 | 16 | 60 | 58 | 93 | 1 | 126 | 2 | 157 | 41 |
| 9 | 7 | 26 | 33 | 10 | 61 | 59 | 94 | 7 | 127 | 7 | 158 | 43 |
| 10 | 8 | 16 | 34 | 4 | 63 | 0 | 95 | 14 | 128 | 12 | 159 | 44 |
| 11 | 9 | 6 | 34 | 58 | 64 | 2 | 96 | 20 | 129 | 17 | 160 | 46 |
| 12 | 9 | 56 | 35 | 53 | 65 | 4 | 97 | 26 | 130 | 22 | 161 | 47 |
| 13 | 10 | 46 | 36 | 48 | 66 | 6 | 98 | 32 | 131 | 27 | 162 | 48 |
| 14 | 11 | 36 | 37 | 43 | 67 | 8 | 99 | 39 | 132 | 32 | 163 | 49 |
| 15 | 12 | 26 | 38 | 38 | 68 | 11 | 100 | 45 | 133 | 36 | 164 | 50 |
| 16 | 13 | 16 | 39 | 34 | 69 | 14 | 101 | 51 | 134 | 40 | 165 | 51 |
| 17 | 14 | 6 | 40 | 30 | 70 | 17 | 102 | 58 | 135 | 44 | 166 | 52 |
| 18 | 14 | 57 | 41 | 26 | 71 | 21 | 104 | 5 | 136 | 47 | 167 | 53 |
| 19 | 15 | 47 | 42 | 22 | 72 | 24 | 105 | 12 | 137 | 51 | 168 | 54 |
| 20 | 16 | 38 | 43 | 18 | 73 | 28 | 106 | 18 | 138 | 54 | 169 | 54 |
| 21 | 17 | 29 | 44 | 15 | 74 | 32 | 107 | 25 | 139 | 58 | 170 | 55 |
| 22 | 18 | 20 | 45 | 12 | 75 | 36 | 108 | 31 | 141 | 1 | 171 | 56 |
| 23 | 19 | 11 | 46 | 9 | 76 | 40 | 109 | 37 | 142 | 5 | 172 | 56 |
| 24 | 20 | 2 | 47 | 6 | 77 | 44 | 110 | 43 | 143 | 8 | 173 | 57 |
| 25 | 20 | 53 | 48 | 3 | 78 | 49 | 111 | 49 | 144 | 11 | 174 | 57 |
| 26 | 21 | 44 | 49 | 1 | 79 | 54 | 112 | 55 | 145 | 14 | 175 | 58 |
| 27 | 22 | 36 | 49 | 59 | 80 | 59 | 114 | 1 | 146 | 17 | 176 | 59 |
| 28 | 23 | 28 | 50 | 58 | 82 | 4 | 115 | 7 | 147 | 19 | 177 | 59 |
| 29 | 24 | 20 | 51 | 56 | 83 | 9 | 116 | 13 | 148 | 22 | 179 | 0 |
| 30 | 25 | 12 | 52 | 55 | 84 | 14 | 117 | 19 | 149 | 24 | 180 | 0 |

Ad latitudinem .13. Graduum.

| D | m | | m | | m | | m | | m | | | |
|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|
| | D | m | D | m | D | m | D | m | D | m | | |
| 0 | 180 | 0 | 210 | 36 | 242 | 41 | 275 | 46 | 307 | 5 | 334 | 48 |
| 1 | 181 | 0 | 211 | 38 | 243 | 47 | 276 | 51 | 308 | 4 | 335 | 40 |
| 2 | 182 | 1 | 212 | 41 | 244 | 53 | 277 | 56 | 309 | 2 | 336 | 32 |
| 3 | 183 | 1 | 213 | 43 | 245 | 59 | 279 | 1 | 310 | 1 | 337 | 24 |
| 4 | 184 | 2 | 214 | 46 | 247 | 5 | 280 | 6 | 310 | 59 | 338 | 16 |
| 5 | 185 | 3 | 215 | 49 | 248 | 11 | 281 | 11 | 311 | 57 | 339 | 7 |
| 6 | 186 | 3 | 216 | 52 | 249 | 17 | 282 | 16 | 312 | 54 | 339 | 58 |
| 7 | 187 | 4 | 217 | 55 | 250 | 23 | 283 | 20 | 313 | 51 | 340 | 49 |
| 8 | 188 | 4 | 218 | 59 | 251 | 29 | 284 | 24 | 314 | 48 | 341 | 40 |
| 9 | 189 | 5 | 220 | 2 | 252 | 35 | 285 | 28 | 315 | 45 | 342 | 31 |
| 10 | 190 | 6 | 221 | 6 | 253 | 42 | 286 | 32 | 316 | 42 | 343 | 22 |
| 11 | 191 | 6 | 222 | 9 | 254 | 48 | 287 | 36 | 317 | 38 | 344 | 13 |
| 12 | 192 | 7 | 223 | 13 | 255 | 55 | 288 | 39 | 318 | 34 | 345 | 3 |
| 13 | 193 | 8 | 224 | 16 | 257 | 2 | 289 | 43 | 319 | 30 | 345 | 54 |
| 14 | 194 | 9 | 225 | 20 | 258 | 9 | 290 | 46 | 320 | 26 | 346 | 44 |
| 15 | 195 | 10 | 226 | 24 | 259 | 15 | 291 | 49 | 321 | 22 | 347 | 34 |
| 16 | 196 | 11 | 227 | 28 | 260 | 21 | 292 | 52 | 322 | 17 | 348 | 24 |
| 17 | 197 | 12 | 228 | 33 | 261 | 28 | 293 | 54 | 323 | 12 | 349 | 14 |
| 18 | 198 | 13 | 229 | 38 | 262 | 34 | 294 | 56 | 324 | 7 | 250 | 4 |
| 19 | 199 | 14 | 230 | 43 | 263 | 40 | 295 | 58 | 325 | 2 | 250 | 54 |
| 20 | 200 | 16 | 231 | 48 | 264 | 46 | 297 | 0 | 325 | 56 | 351 | 44 |
| 21 | 201 | 17 | 232 | 53 | 265 | 53 | 298 | 1 | 326 | 50 | 352 | 34 |
| 22 | 202 | 19 | 233 | 58 | 266 | 59 | 299 | 2 | 327 | 44 | 353 | 24 |
| 23 | 203 | 21 | 235 | 3 | 268 | 5 | 300 | 3 | 328 | 38 | 354 | 14 |
| 24 | 204 | 23 | 236 | 8 | 269 | 11 | 301 | 4 | 329 | 32 | 355 | 4 |
| 25 | 205 | 25 | 237 | 13 | 270 | 17 | 302 | 5 | 330 | 25 | 355 | 53 |
| 26 | 206 | 27 | 238 | 18 | 271 | 23 | 303 | 5 | 331 | 18 | 356 | 43 |
| 27 | 207 | 29 | 239 | 24 | 272 | 29 | 304 | 5 | 332 | 11 | 357 | 32 |
| 28 | 208 | 31 | 240 | 29 | 273 | 35 | 305 | 5 | 333 | 3 | 358 | 22 |
| 29 | 209 | 33 | 241 | 35 | 274 | 41 | 306 | 5 | 333 | 56 | 359 | 11 |
| 30 | 210 | 36 | 242 | 41 | 275 | 46 | 307 | 5 | 334 | 48 | 360 | 0 |

Tabula Ascensionum Obliquarum.

| H | γ | | δ | | π | | σ | | Ω | | η | |
|----|----|----|----|----|----|----|-----|----|-----|----|-----|----|
| | h | m | h | m | h | m | h | m | h | m | h | m |
| 0 | 0 | 0 | 24 | 59 | 52 | 32 | 83 | 46 | 116 | 56 | 149 | 11 |
| 1 | 0 | 49 | 25 | 51 | 53 | 31 | 84 | 51 | 118 | 2 | 150 | 14 |
| 2 | 1 | 38 | 26 | 43 | 54 | 30 | 85 | 57 | 119 | 8 | 151 | 17 |
| 3 | 2 | 27 | 27 | 35 | 55 | 30 | 87 | 3 | 120 | 14 | 152 | 19 |
| 4 | 3 | 16 | 28 | 27 | 56 | 30 | 88 | 9 | 121 | 20 | 153 | 22 |
| 5 | 4 | 5 | 29 | 20 | 57 | 30 | 89 | 15 | 122 | 25 | 154 | 24 |
| 6 | 4 | 54 | 30 | 13 | 58 | 30 | 90 | 21 | 123 | 31 | 155 | 27 |
| 7 | 5 | 43 | 31 | 7 | 59 | 31 | 91 | 27 | 124 | 36 | 156 | 29 |
| 8 | 6 | 33 | 32 | 0 | 60 | 32 | 92 | 33 | 125 | 42 | 157 | 31 |
| 9 | 7 | 32 | 32 | 54 | 61 | 33 | 93 | 39 | 126 | 47 | 158 | 33 |
| 10 | 8 | 12 | 33 | 48 | 62 | 34 | 94 | 46 | 127 | 52 | 159 | 35 |
| 11 | 9 | 1 | 34 | 42 | 63 | 36 | 95 | 52 | 128 | 57 | 160 | 37 |
| 12 | 9 | 50 | 35 | 36 | 64 | 38 | 96 | 59 | 130 | 2 | 161 | 39 |
| 13 | 10 | 40 | 36 | 30 | 65 | 40 | 98 | 5 | 131 | 7 | 162 | 40 |
| 14 | 11 | 29 | 37 | 24 | 66 | 42 | 99 | 12 | 132 | 12 | 163 | 42 |
| 15 | 12 | 19 | 38 | 19 | 67 | 45 | 100 | 19 | 133 | 17 | 164 | 43 |
| 16 | 13 | 9 | 39 | 14 | 68 | 48 | 101 | 26 | 134 | 22 | 165 | 45 |
| 17 | 13 | 59 | 40 | 10 | 69 | 51 | 102 | 33 | 135 | 26 | 166 | 46 |
| 18 | 14 | 49 | 41 | 6 | 70 | 54 | 103 | 39 | 136 | 30 | 167 | 48 |
| 19 | 15 | 39 | 42 | 2 | 71 | 57 | 104 | 46 | 137 | 34 | 168 | 49 |
| 20 | 16 | 29 | 42 | 58 | 73 | 0 | 105 | 52 | 138 | 38 | 169 | 50 |
| 21 | 17 | 19 | 43 | 54 | 74 | 4 | 106 | 59 | 139 | 42 | 170 | 51 |
| 22 | 18 | 10 | 44 | 50 | 75 | 6 | 108 | 5 | 140 | 46 | 171 | 52 |
| 23 | 19 | 0 | 45 | 47 | 76 | 12 | 109 | 12 | 141 | 49 | 172 | 53 |
| 24 | 19 | 51 | 46 | 44 | 77 | 16 | 110 | 18 | 142 | 53 | 173 | 54 |
| 25 | 20 | 42 | 47 | 41 | 78 | 21 | 111 | 24 | 143 | 56 | 174 | 55 |
| 26 | 21 | 33 | 48 | 39 | 79 | 26 | 112 | 31 | 144 | 59 | 175 | 56 |
| 27 | 22 | 24 | 49 | 37 | 80 | 31 | 113 | 37 | 146 | 2 | 176 | 57 |
| 28 | 23 | 16 | 50 | 35 | 81 | 36 | 114 | 44 | 147 | 5 | 177 | 58 |
| 29 | 24 | 7 | 51 | 43 | 82 | 41 | 115 | 50 | 148 | 8 | 178 | 59 |
| 30 | 24 | 59 | 52 | 32 | 83 | 46 | 116 | 56 | 149 | 11 | 180 | 0 |

Ad latitudinem .14. Graduum

| h | α | | μ | | π | | σ | | ζ | | χ | |
|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|
| | h | m | h | m | h | m | h | m | h | m | h | m |
| 0 | 180 | 0 | 210 | 49 | 243 | 4 | 276 | 14 | 307 | 28 | 335 | 1 |
| 1 | 181 | 1 | 211 | 52 | 244 | 10 | 277 | 19 | 308 | 27 | 335 | 53 |
| 2 | 182 | 2 | 212 | 55 | 245 | 16 | 278 | 24 | 309 | 25 | 336 | 44 |
| 3 | 183 | 3 | 213 | 58 | 246 | 23 | 279 | 29 | 310 | 23 | 337 | 36 |
| 4 | 184 | 4 | 215 | 1 | 247 | 29 | 280 | 34 | 311 | 21 | 338 | 27 |
| 5 | 185 | 5 | 216 | 4 | 248 | 36 | 281 | 39 | 312 | 19 | 339 | 18 |
| 6 | 186 | 6 | 217 | 7 | 249 | 42 | 282 | 44 | 313 | 16 | 340 | 9 |
| 7 | 187 | 7 | 218 | 11 | 250 | 48 | 283 | 48 | 314 | 13 | 341 | 0 |
| 8 | 188 | 8 | 219 | 14 | 251 | 55 | 284 | 52 | 315 | 10 | 341 | 50 |
| 9 | 189 | 9 | 220 | 18 | 253 | 1 | 285 | 56 | 316 | 6 | 342 | 41 |
| 10 | 190 | 10 | 221 | 22 | 254 | 8 | 287 | 0 | 317 | 2 | 343 | 31 |
| 11 | 191 | 11 | 222 | 26 | 255 | 14 | 288 | 3 | 317 | 58 | 344 | 21 |
| 12 | 192 | 12 | 223 | 30 | 256 | 21 | 289 | 6 | 318 | 54 | 345 | 11 |
| 13 | 193 | 14 | 224 | 34 | 257 | 27 | 290 | 9 | 319 | 50 | 346 | 1 |
| 14 | 194 | 15 | 225 | 38 | 258 | 34 | 291 | 12 | 320 | 46 | 346 | 51 |
| 15 | 195 | 17 | 226 | 43 | 259 | 41 | 292 | 15 | 321 | 41 | 347 | 41 |
| 16 | 196 | 18 | 227 | 48 | 260 | 48 | 293 | 18 | 322 | 36 | 348 | 31 |
| 17 | 197 | 20 | 228 | 53 | 261 | 55 | 294 | 20 | 323 | 30 | 349 | 20 |
| 18 | 198 | 21 | 229 | 58 | 263 | 1 | 295 | 22 | 324 | 24 | 350 | 10 |
| 19 | 199 | 23 | 231 | 3 | 264 | 8 | 296 | 24 | 325 | 18 | 350 | 59 |
| 20 | 200 | 25 | 232 | 8 | 265 | 14 | 297 | 26 | 326 | 12 | 351 | 48 |
| 21 | 201 | 27 | 233 | 13 | 266 | 21 | 298 | 27 | 327 | 6 | 352 | 38 |
| 22 | 202 | 29 | 234 | 18 | 267 | 27 | 299 | 28 | 328 | 0 | 353 | 27 |
| 23 | 203 | 31 | 235 | 24 | 268 | 33 | 300 | 29 | 328 | 53 | 354 | 17 |
| 24 | 204 | 33 | 236 | 29 | 269 | 39 | 301 | 30 | 329 | 47 | 355 | 6 |
| 25 | 205 | 36 | 237 | 35 | 270 | 45 | 302 | 30 | 330 | 40 | 355 | 55 |
| 26 | 206 | 38 | 238 | 40 | 271 | 51 | 303 | 30 | 331 | 33 | 356 | 44 |
| 27 | 207 | 41 | 239 | 46 | 272 | 57 | 304 | 30 | 332 | 25 | 357 | 33 |
| 28 | 208 | 43 | 240 | 52 | 274 | 3 | 305 | 30 | 333 | 17 | 358 | 22 |
| 29 | 209 | 46 | 241 | 58 | 275 | 9 | 306 | 29 | 334 | 9 | 359 | 11 |
| 30 | 210 | 49 | 243 | 4 | 276 | 14 | 307 | 28 | 335 | 1 | 360 | 0 |

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Tabula Ascensionum Obliquarum

| | V | ♄ | ♃ | ♂ | ♆ | ♁ | ♂ |
|----|-------|-------|-------|--------|--------|--------|-----|
| ♁ | ♁ m | ♁ m | ♁ m | ♁ m | ♁ m | ♁ m | ♁ m |
| 0 | 0 0 | 24 46 | 52 9 | 83 19 | 116 33 | 148 58 | |
| 1 | 0 48 | 25 37 | 53 8 | 84 25 | 117 39 | 150 1 | |
| 2 | 1 37 | 26 29 | 54 7 | 85 31 | 118 45 | 151 4 | |
| 3 | 2 25 | 27 21 | 55 6 | 86 36 | 119 51 | 152 7 | |
| 4 | 3 14 | 28 13 | 56 5 | 87 42 | 120 57 | 153 10 | |
| 5 | 4 3 | 29 5 | 57 5 | 88 47 | 122 3 | 154 13 | |
| 6 | 4 51 | 29 58 | 58 5 | 89 54 | 123 9 | 155 16 | |
| 7 | 5 40 | 30 51 | 59 6 | 91 0 | 124 15 | 156 19 | |
| 8 | 6 29 | 31 44 | 60 6 | 92 7 | 125 20 | 157 21 | |
| 9 | 7 18 | 32 37 | 61 7 | 93 13 | 126 26 | 158 24 | |
| 10 | 8 7 | 33 31 | 62 8 | 94 19 | 127 31 | 159 26 | |
| 11 | 8 56 | 34 24 | 63 10 | 95 26 | 128 37 | 160 28 | |
| 12 | 9 45 | 35 18 | 64 12 | 96 33 | 129 42 | 161 30 | |
| 13 | 10 34 | 36 12 | 65 14 | 97 39 | 130 48 | 162 32 | |
| 14 | 11 23 | 37 6 | 66 16 | 98 46 | 131 53 | 163 34 | |
| 15 | 12 12 | 38 0 | 67 18 | 99 52 | 132 58 | 164 36 | |
| 16 | 13 1 | 38 55 | 68 21 | 100 59 | 134 3 | 165 38 | |
| 17 | 13 51 | 39 50 | 69 24 | 102 6 | 135 8 | 166 40 | |
| 18 | 14 40 | 40 46 | 70 27 | 103 13 | 136 12 | 167 42 | |
| 19 | 15 30 | 41 41 | 71 30 | 104 20 | 137 17 | 168 44 | |
| 20 | 16 20 | 42 37 | 72 33 | 105 26 | 138 21 | 169 45 | |
| 21 | 17 10 | 43 33 | 73 37 | 106 33 | 139 25 | 170 47 | |
| 22 | 18 0 | 44 29 | 74 41 | 107 40 | 140 29 | 171 49 | |
| 23 | 18 50 | 45 26 | 75 45 | 108 46 | 141 33 | 172 50 | |
| 24 | 19 40 | 46 22 | 76 49 | 109 53 | 142 37 | 173 52 | |
| 25 | 20 31 | 47 19 | 77 53 | 110 59 | 143 41 | 174 53 | |
| 26 | 21 22 | 48 17 | 78 58 | 112 6 | 144 45 | 175 55 | |
| 27 | 22 13 | 49 15 | 80 3 | 113 13 | 145 48 | 176 56 | |
| 28 | 23 4 | 50 13 | 81 8 | 114 20 | 146 52 | 177 58 | |
| 29 | 23 55 | 51 11 | 82 13 | 115 27 | 147 55 | 178 59 | |
| 30 | 24 6 | 52 9 | 83 19 | 116 33 | 148 58 | 180 0 | |

Ad latitudinem .i. Graduum

| S | II | | III | | IV | | V | | VI | | VII | |
|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|
| | S | m | S | m | S | m | S | m | S | m | S | m |
| 0 | 180 | 0 | 211 | 2 | 243 | 27 | 276 | 41 | 307 | 51 | 335 | 14 |
| 1 | 181 | 1 | 212 | 5 | 244 | 33 | 277 | 47 | 308 | 49 | 336 | 5 |
| 2 | 182 | 2 | 213 | 8 | 245 | 40 | 278 | 52 | 309 | 47 | 336 | 56 |
| 3 | 183 | 4 | 214 | 12 | 246 | 47 | 279 | 57 | 310 | 45 | 337 | 47 |
| 4 | 184 | 5 | 215 | 15 | 247 | 54 | 281 | 2 | 311 | 43 | 338 | 38 |
| 5 | 185 | 7 | 216 | 19 | 249 | 1 | 282 | 7 | 312 | 41 | 339 | 29 |
| 6 | 186 | 8 | 217 | 23 | 250 | 7 | 283 | 11 | 313 | 38 | 340 | 20 |
| 7 | 187 | 10 | 218 | 27 | 251 | 14 | 284 | 15 | 314 | 34 | 341 | 10 |
| 8 | 188 | 11 | 219 | 31 | 252 | 20 | 285 | 19 | 315 | 31 | 342 | 0 |
| 9 | 189 | 13 | 220 | 35 | 253 | 27 | 286 | 23 | 316 | 27 | 342 | 50 |
| 10 | 190 | 15 | 221 | 39 | 254 | 34 | 287 | 27 | 317 | 23 | 343 | 40 |
| 11 | 191 | 16 | 222 | 43 | 255 | 40 | 288 | 30 | 318 | 19 | 344 | 30 |
| 12 | 192 | 18 | 223 | 48 | 256 | 47 | 289 | 33 | 319 | 14 | 345 | 20 |
| 13 | 193 | 20 | 224 | 52 | 257 | 54 | 290 | 36 | 320 | 10 | 346 | 9 |
| 14 | 194 | 22 | 225 | 57 | 259 | 1 | 291 | 39 | 321 | 5 | 346 | 59 |
| 15 | 195 | 24 | 227 | 2 | 260 | 8 | 292 | 42 | 322 | 0 | 347 | 48 |
| 16 | 196 | 26 | 228 | 7 | 261 | 14 | 293 | 44 | 322 | 54 | 348 | 37 |
| 17 | 197 | 28 | 229 | 12 | 262 | 21 | 294 | 46 | 323 | 48 | 349 | 26 |
| 18 | 198 | 30 | 230 | 18 | 263 | 27 | 295 | 48 | 324 | 42 | 350 | 15 |
| 19 | 199 | 32 | 231 | 23 | 264 | 34 | 296 | 50 | 325 | 36 | 351 | 4 |
| 20 | 200 | 34 | 232 | 29 | 265 | 41 | 297 | 52 | 326 | 29 | 351 | 53 |
| 21 | 201 | 36 | 233 | 34 | 266 | 47 | 298 | 53 | 327 | 23 | 352 | 42 |
| 22 | 202 | 39 | 234 | 40 | 267 | 53 | 299 | 54 | 328 | 16 | 353 | 31 |
| 23 | 203 | 41 | 235 | 45 | 269 | 0 | 300 | 54 | 329 | 9 | 354 | 20 |
| 24 | 204 | 44 | 236 | 51 | 270 | 6 | 301 | 55 | 330 | 2 | 355 | 9 |
| 25 | 205 | 47 | 237 | 57 | 271 | 13 | 302 | 55 | 330 | 55 | 355 | 57 |
| 26 | 206 | 50 | 239 | 3 | 272 | 18 | 303 | 55 | 331 | 47 | 356 | 46 |
| 27 | 207 | 53 | 240 | 9 | 273 | 24 | 304 | 54 | 332 | 39 | 357 | 37 |
| 28 | 208 | 56 | 241 | 15 | 274 | 29 | 305 | 53 | 333 | 31 | 358 | 23 |
| 29 | 209 | 59 | 242 | 21 | 275 | 35 | 306 | 52 | 334 | 23 | 359 | 12 |
| 30 | 211 | 2 | 243 | 27 | 276 | 41 | 307 | 51 | 335 | 14 | 360 | 0 |

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Tabula Ascensionum Obliquarum

| δ | γ | | ϛ | | π | | εσ | | Ω | | ηρ | |
|----|----|----|----|----|----|----|-----|----|-----|----|-----|----|
| | δ | in | δ | in | δ | in | δ | in | δ | in | δ | in |
| 0 | 0 | 0 | 24 | 33 | 51 | 45 | 82 | 50 | 116 | 9 | 148 | 45 |
| 1 | 0 | 48 | 25 | 24 | 52 | 44 | 83 | 55 | 117 | 16 | 149 | 49 |
| 2 | 1 | 36 | 26 | 15 | 53 | 43 | 85 | 1 | 118 | 22 | 150 | 52 |
| 3 | 2 | 24 | 27 | 7 | 54 | 42 | 86 | 7 | 119 | 29 | 151 | 56 |
| 4 | 3 | 12 | 27 | 58 | 55 | 41 | 87 | 13 | 120 | 35 | 152 | 59 |
| 5 | 4 | 1 | 28 | 50 | 56 | 40 | 88 | 19 | 121 | 41 | 154 | 2 |
| 6 | 4 | 49 | 29 | 42 | 57 | 40 | 89 | 25 | 122 | 47 | 155 | 5 |
| 7 | 5 | 37 | 30 | 34 | 58 | 40 | 90 | 31 | 123 | 53 | 156 | 8 |
| 8 | 6 | 26 | 31 | 27 | 59 | 40 | 91 | 36 | 124 | 59 | 157 | 11 |
| 9 | 7 | 14 | 32 | 20 | 60 | 41 | 92 | 44 | 126 | 5 | 158 | 14 |
| 10 | 8 | 3 | 33 | 13 | 61 | 42 | 93 | 51 | 127 | 10 | 159 | 17 |
| 11 | 8 | 51 | 34 | 6 | 62 | 43 | 94 | 57 | 128 | 16 | 160 | 20 |
| 12 | 9 | 40 | 34 | 59 | 63 | 45 | 96 | 4 | 129 | 22 | 161 | 23 |
| 13 | 10 | 28 | 35 | 53 | 64 | 47 | 97 | 11 | 130 | 28 | 162 | 25 |
| 14 | 11 | 17 | 36 | 47 | 65 | 49 | 98 | 18 | 131 | 34 | 163 | 28 |
| 15 | 12 | 6 | 37 | 41 | 66 | 51 | 99 | 25 | 132 | 39 | 164 | 30 |
| 16 | 12 | 55 | 38 | 36 | 67 | 53 | 100 | 32 | 133 | 44 | 165 | 33 |
| 17 | 13 | 44 | 39 | 31 | 68 | 56 | 101 | 39 | 134 | 49 | 166 | 35 |
| 18 | 14 | 33 | 40 | 26 | 69 | 59 | 102 | 46 | 135 | 54 | 167 | 37 |
| 19 | 15 | 22 | 41 | 21 | 71 | 2 | 103 | 53 | 136 | 59 | 168 | 39 |
| 20 | 16 | 11 | 42 | 16 | 72 | 5 | 105 | 0 | 138 | 3 | 169 | 41 |
| 21 | 17 | 0 | 43 | 12 | 73 | 9 | 106 | 7 | 139 | 8 | 170 | 43 |
| 22 | 17 | 50 | 44 | 8 | 74 | 13 | 107 | 14 | 140 | 13 | 171 | 45 |
| 23 | 18 | 40 | 45 | 4 | 75 | 17 | 108 | 21 | 141 | 17 | 172 | 47 |
| 24 | 19 | 30 | 46 | 0 | 76 | 21 | 109 | 38 | 142 | 22 | 173 | 49 |
| 25 | 20 | 20 | 46 | 57 | 77 | 25 | 110 | 34 | 143 | 26 | 174 | 51 |
| 26 | 21 | 10 | 47 | 54 | 78 | 30 | 111 | 41 | 144 | 30 | 175 | 53 |
| 27 | 22 | 1 | 48 | 51 | 79 | 35 | 112 | 48 | 145 | 34 | 176 | 55 |
| 28 | 22 | 51 | 49 | 49 | 80 | 40 | 113 | 55 | 146 | 38 | 177 | 57 |
| 29 | 23 | 42 | 50 | 47 | 81 | 45 | 115 | 2 | 147 | 42 | 178 | 59 |
| 30 | 24 | 33 | 51 | 45 | 82 | 50 | 116 | 9 | 148 | 45 | 180 | 0 |

Ad latitudinem .16. Graduum

| | ♈ | | ♉ | | ♊ | | ♋ | | ♌ | | | |
|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|
| ♁ | ♁ | ♂ | ♁ | ♂ | ♁ | ♂ | ♁ | ♂ | ♁ | ♂ | | |
| 0 | 180 | 0 | 211 | 15 | 243 | 51 | 277 | 10 | 308 | 15 | 335 | 27 |
| 1 | 181 | 1 | 212 | 18 | 244 | 58 | 278 | 15 | 309 | 13 | 336 | 18 |
| 2 | 182 | 3 | 213 | 22 | 246 | 5 | 279 | 20 | 310 | 11 | 337 | 9 |
| 3 | 183 | 5 | 214 | 26 | 247 | 12 | 280 | 25 | 311 | 9 | 337 | 59 |
| 4 | 184 | 7 | 215 | 30 | 248 | 19 | 281 | 30 | 312 | 6 | 338 | 50 |
| 5 | 185 | 9 | 216 | 34 | 249 | 26 | 282 | 35 | 313 | 3 | 339 | 40 |
| 6 | 186 | 11 | 217 | 38 | 250 | 32 | 283 | 39 | 314 | 0 | 340 | 30 |
| 7 | 187 | 13 | 218 | 43 | 251 | 39 | 284 | 43 | 314 | 56 | 341 | 20 |
| 8 | 188 | 15 | 219 | 47 | 252 | 46 | 285 | 47 | 315 | 52 | 342 | 10 |
| 9 | 189 | 17 | 220 | 52 | 253 | 53 | 286 | 51 | 316 | 48 | 343 | 0 |
| 10 | 190 | 19 | 221 | 57 | 255 | 0 | 287 | 55 | 317 | 44 | 343 | 49 |
| 11 | 191 | 21 | 223 | 1 | 256 | 7 | 288 | 58 | 318 | 39 | 344 | 38 |
| 12 | 192 | 23 | 224 | 6 | 257 | 14 | 290 | 1 | 319 | 34 | 345 | 27 |
| 13 | 193 | 25 | 225 | 11 | 258 | 21 | 291 | 4 | 320 | 29 | 346 | 16 |
| 14 | 194 | 27 | 226 | 16 | 259 | 28 | 292 | 7 | 321 | 24 | 347 | 5 |
| 15 | 195 | 30 | 227 | 21 | 260 | 35 | 293 | 9 | 322 | 19 | 347 | 54 |
| 16 | 196 | 32 | 228 | 26 | 261 | 42 | 294 | 11 | 323 | 13 | 348 | 43 |
| 17 | 197 | 35 | 229 | 32 | 262 | 49 | 295 | 13 | 324 | 7 | 349 | 32 |
| 18 | 198 | 37 | 230 | 38 | 263 | 56 | 296 | 15 | 325 | 1 | 350 | 20 |
| 19 | 199 | 40 | 231 | 44 | 265 | 3 | 297 | 17 | 325 | 54 | 351 | 9 |
| 20 | 200 | 43 | 232 | 50 | 266 | 9 | 298 | 18 | 326 | 47 | 351 | 57 |
| 21 | 201 | 46 | 233 | 55 | 267 | 16 | 299 | 19 | 327 | 40 | 352 | 46 |
| 22 | 202 | 49 | 235 | 1 | 268 | 22 | 300 | 20 | 328 | 33 | 353 | 34 |
| 23 | 203 | 52 | 236 | 7 | 269 | 29 | 301 | 20 | 329 | 26 | 354 | 23 |
| 24 | 204 | 55 | 237 | 13 | 270 | 35 | 302 | 20 | 330 | 18 | 355 | 11 |
| 25 | 205 | 58 | 238 | 19 | 271 | 41 | 303 | 20 | 331 | 10 | 355 | 59 |
| 26 | 207 | 1 | 239 | 25 | 272 | 47 | 304 | 19 | 332 | 2 | 356 | 48 |
| 27 | 208 | 4 | 240 | 31 | 273 | 53 | 305 | 18 | 332 | 53 | 357 | 36 |
| 28 | 209 | 8 | 241 | 38 | 274 | 59 | 306 | 17 | 333 | 45 | 358 | 24 |
| 29 | 210 | 11 | 242 | 44 | 276 | 5 | 307 | 16 | 334 | 36 | 359 | 12 |
| 30 | 211 | 15 | 243 | 51 | 277 | 10 | 308 | 15 | 335 | 27 | 360 | 0 |

)} 5 3

Tabula Ascensionum Obliquarum.

| h | γ | | δ | | π | | σ | | Ω | | η | |
|----|----|----|----|----|----|----|-----|----|-----|----|-----|----|
| | h | m | h | m | h | m | h | m | h | m | h | m |
| 0 | 0 | 0 | 24 | 20 | 51 | 28 | 82 | 22 | 115 | 44 | 148 | 32 |
| 1 | 0 | 47 | 25 | 11 | 52 | 18 | 83 | 27 | 116 | 51 | 149 | 36 |
| 2 | 1 | 35 | 26 | 2 | 53 | 17 | 84 | 33 | 117 | 58 | 150 | 40 |
| 3 | 2 | 22 | 26 | 53 | 54 | 16 | 85 | 39 | 119 | 5 | 151 | 44 |
| 4 | 3 | 10 | 27 | 44 | 55 | 15 | 86 | 45 | 120 | 12 | 152 | 48 |
| 5 | 3 | 58 | 28 | 35 | 56 | 15 | 87 | 51 | 121 | 18 | 153 | 51 |
| 6 | 4 | 46 | 29 | 27 | 57 | 15 | 88 | 57 | 122 | 25 | 154 | 55 |
| 7 | 5 | 34 | 30 | 19 | 58 | 15 | 90 | 3 | 123 | 31 | 155 | 58 |
| 8 | 6 | 22 | 31 | 11 | 59 | 15 | 91 | 10 | 124 | 37 | 157 | 2 |
| 9 | 7 | 10 | 32 | 3 | 60 | 15 | 92 | 16 | 125 | 43 | 158 | 5 |
| 10 | 7 | 58 | 32 | 56 | 61 | 15 | 93 | 23 | 126 | 49 | 159 | 8 |
| 11 | 8 | 46 | 33 | 49 | 62 | 16 | 94 | 29 | 127 | 56 | 160 | 11 |
| 12 | 9 | 34 | 34 | 42 | 63 | 17 | 95 | 36 | 129 | 2 | 161 | 14 |
| 13 | 10 | 22 | 35 | 35 | 64 | 19 | 96 | 43 | 130 | 8 | 162 | 17 |
| 14 | 11 | 10 | 36 | 28 | 65 | 21 | 97 | 50 | 131 | 14 | 163 | 20 |
| 15 | 11 | 59 | 37 | 22 | 66 | 23 | 98 | 57 | 132 | 20 | 164 | 23 |
| 16 | 12 | 47 | 38 | 16 | 67 | 25 | 100 | 4 | 133 | 26 | 165 | 26 |
| 17 | 13 | 36 | 39 | 10 | 68 | 28 | 101 | 11 | 134 | 31 | 166 | 29 |
| 18 | 14 | 24 | 40 | 5 | 69 | 31 | 102 | 18 | 135 | 36 | 167 | 31 |
| 19 | 15 | 13 | 41 | 0 | 70 | 34 | 103 | 25 | 136 | 41 | 168 | 34 |
| 20 | 16 | 2 | 41 | 55 | 71 | 37 | 104 | 33 | 137 | 46 | 169 | 36 |
| 21 | 16 | 51 | 42 | 50 | 72 | 41 | 105 | 41 | 138 | 51 | 170 | 39 |
| 22 | 17 | 40 | 43 | 46 | 73 | 45 | 106 | 48 | 139 | 56 | 171 | 41 |
| 23 | 18 | 30 | 44 | 42 | 74 | 49 | 107 | 55 | 141 | 1 | 172 | 44 |
| 24 | 19 | 19 | 45 | 38 | 75 | 53 | 109 | 2 | 142 | 6 | 173 | 46 |
| 25 | 20 | 9 | 46 | 34 | 76 | 57 | 110 | 9 | 143 | 11 | 174 | 48 |
| 26 | 20 | 59 | 47 | 31 | 78 | 2 | 111 | 16 | 144 | 16 | 175 | 51 |
| 27 | 21 | 49 | 48 | 28 | 79 | 7 | 112 | 23 | 145 | 20 | 176 | 53 |
| 28 | 22 | 29 | 49 | 25 | 80 | 12 | 113 | 30 | 146 | 24 | 177 | 56 |
| 29 | 23 | 39 | 50 | 22 | 81 | 17 | 114 | 37 | 147 | 28 | 178 | 58 |
| 30 | 24 | 20 | 51 | 20 | 82 | 22 | 115 | 44 | 148 | 32 | 180 | 0 |

Ad latitudinem .17. Graduum

| S | P | | m | | T | | D | | E | | X | |
|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|
| | S | m | S | m | S | m | S | m | S | m | S | m |
| 0 | 180 | 0 | 211 | 28 | 244 | 16 | 277 | 38 | 308 | 40 | 335 | 40 |
| 1 | 181 | 2 | 212 | 32 | 245 | 23 | 278 | 43 | 309 | 38 | 336 | 31 |
| 2 | 182 | 4 | 213 | 36 | 246 | 30 | 279 | 48 | 310 | 35 | 337 | 21 |
| 3 | 183 | 7 | 214 | 40 | 247 | 37 | 280 | 53 | 311 | 32 | 338 | 11 |
| 4 | 184 | 9 | 215 | 44 | 248 | 44 | 281 | 58 | 312 | 29 | 339 | 1 |
| 5 | 185 | 12 | 216 | 49 | 249 | 51 | 283 | 3 | 313 | 26 | 339 | 51 |
| 6 | 186 | 14 | 217 | 54 | 250 | 58 | 284 | 7 | 314 | 22 | 340 | 41 |
| 7 | 187 | 16 | 218 | 59 | 252 | 5 | 285 | 11 | 315 | 18 | 341 | 30 |
| 8 | 188 | 19 | 220 | 4 | 253 | 12 | 286 | 15 | 316 | 14 | 342 | 20 |
| 9 | 189 | 21 | 221 | 9 | 254 | 19 | 287 | 19 | 317 | 10 | 343 | 9 |
| 10 | 190 | 24 | 222 | 14 | 255 | 27 | 288 | 23 | 318 | 5 | 343 | 58 |
| 11 | 191 | 26 | 223 | 19 | 256 | 35 | 289 | 26 | 319 | 0 | 344 | 47 |
| 12 | 192 | 29 | 224 | 24 | 257 | 42 | 290 | 29 | 319 | 55 | 345 | 36 |
| 13 | 193 | 31 | 225 | 29 | 258 | 49 | 291 | 32 | 320 | 50 | 346 | 24 |
| 14 | 194 | 34 | 226 | 34 | 259 | 56 | 292 | 35 | 321 | 44 | 347 | 13 |
| 15 | 195 | 37 | 227 | 40 | 261 | 3 | 293 | 37 | 322 | 38 | 348 | 1 |
| 16 | 196 | 40 | 228 | 46 | 262 | 10 | 294 | 39 | 323 | 32 | 348 | 50 |
| 17 | 197 | 43 | 229 | 52 | 263 | 17 | 295 | 41 | 324 | 25 | 349 | 38 |
| 18 | 198 | 46 | 230 | 58 | 264 | 24 | 296 | 43 | 325 | 18 | 350 | 26 |
| 19 | 199 | 49 | 232 | 4 | 265 | 31 | 297 | 44 | 326 | 11 | 351 | 14 |
| 20 | 200 | 52 | 233 | 11 | 266 | 37 | 298 | 45 | 327 | 4 | 352 | 2 |
| 21 | 201 | 55 | 234 | 17 | 267 | 44 | 299 | 45 | 327 | 57 | 352 | 58 |
| 22 | 202 | 58 | 235 | 23 | 268 | 50 | 300 | 45 | 328 | 49 | 353 | 38 |
| 23 | 204 | 2 | 236 | 29 | 269 | 57 | 301 | 45 | 329 | 41 | 354 | 26 |
| 24 | 205 | 5 | 237 | 35 | 271 | 3 | 302 | 45 | 330 | 33 | 355 | 14 |
| 25 | 206 | 9 | 238 | 42 | 272 | 9 | 303 | 45 | 331 | 25 | 356 | 2 |
| 26 | 207 | 12 | 239 | 48 | 273 | 15 | 304 | 45 | 332 | 16 | 356 | 50 |
| 27 | 208 | 16 | 240 | 55 | 274 | 21 | 305 | 44 | 333 | 7 | 357 | 38 |
| 28 | 209 | 20 | 242 | 2 | 275 | 27 | 306 | 43 | 333 | 58 | 358 | 25 |
| 29 | 210 | 24 | 243 | 9 | 276 | 33 | 307 | 42 | 334 | 49 | 359 | 13 |
| 30 | 211 | 28 | 244 | 16 | 277 | 38 | 308 | 40 | 335 | 40 | 360 | 0 |

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Tabula Ascensionum Obliquarum

| S | γ | | δ | | ι | | ε | | Ω | | η | |
|----|----|----|----|----|----|----|-----|----|-----|----|-----|----|
| | h | m | h | m | h | m | h | m | h | m | h | m |
| 0 | 0 | 0 | 24 | 7 | 50 | 56 | 81 | 53 | 115 | 20 | 148 | 19 |
| 1 | 0 | 47 | 24 | 57 | 51 | 54 | 82 | 58 | 116 | 27 | 149 | 24 |
| 2 | 1 | 34 | 25 | 47 | 52 | 52 | 84 | 4 | 117 | 34 | 150 | 28 |
| 3 | 2 | 21 | 26 | 37 | 53 | 51 | 85 | 10 | 118 | 41 | 151 | 32 |
| 4 | 3 | 8 | 27 | 28 | 54 | 50 | 86 | 16 | 119 | 48 | 152 | 36 |
| 5 | 3 | 56 | 28 | 19 | 55 | 49 | 87 | 22 | 120 | 55 | 153 | 40 |
| 6 | 4 | 43 | 29 | 10 | 56 | 48 | 88 | 28 | 122 | 2 | 154 | 44 |
| 7 | 5 | 30 | 30 | 2 | 57 | 48 | 89 | 35 | 123 | 9 | 155 | 48 |
| 8 | 6 | 18 | 30 | 54 | 58 | 48 | 90 | 41 | 124 | 15 | 156 | 52 |
| 9 | 7 | 5 | 31 | 46 | 59 | 48 | 91 | 48 | 125 | 22 | 157 | 56 |
| 10 | 7 | 53 | 32 | 38 | 60 | 48 | 92 | 55 | 126 | 28 | 158 | 59 |
| 11 | 8 | 40 | 33 | 30 | 61 | 49 | 94 | 1 | 127 | 35 | 160 | 3 |
| 12 | 9 | 28 | 34 | 23 | 62 | 50 | 95 | 8 | 128 | 41 | 161 | 6 |
| 13 | 10 | 16 | 35 | 16 | 63 | 51 | 96 | 15 | 129 | 48 | 162 | 10 |
| 14 | 11 | 4 | 36 | 9 | 64 | 53 | 97 | 22 | 130 | 54 | 163 | 13 |
| 15 | 11 | 52 | 37 | 2 | 65 | 55 | 98 | 29 | 132 | 0 | 164 | 16 |
| 16 | 12 | 40 | 37 | 56 | 66 | 57 | 99 | 37 | 133 | 6 | 165 | 19 |
| 17 | 13 | 28 | 38 | 50 | 68 | 0 | 100 | 44 | 134 | 12 | 166 | 22 |
| 18 | 14 | 16 | 39 | 44 | 69 | 3 | 101 | 52 | 135 | 17 | 167 | 25 |
| 19 | 15 | 4 | 40 | 39 | 70 | 6 | 102 | 59 | 136 | 23 | 168 | 38 |
| 20 | 15 | 53 | 41 | 34 | 71 | 9 | 104 | 6 | 137 | 28 | 169 | 34 |
| 21 | 16 | 42 | 42 | 29 | 72 | 12 | 105 | 14 | 138 | 34 | 170 | 31 |
| 22 | 17 | 31 | 43 | 24 | 73 | 16 | 106 | 21 | 139 | 39 | 171 | 37 |
| 23 | 18 | 20 | 44 | 19 | 74 | 20 | 107 | 29 | 140 | 45 | 172 | 40 |
| 24 | 19 | 9 | 45 | 15 | 75 | 24 | 108 | 36 | 141 | 50 | 173 | 43 |
| 25 | 19 | 58 | 46 | 11 | 76 | 28 | 109 | 43 | 142 | 55 | 174 | 46 |
| 26 | 20 | 47 | 47 | 7 | 77 | 33 | 110 | 51 | 144 | 0 | 175 | 49 |
| 27 | 21 | 37 | 48 | 4 | 78 | 38 | 111 | 58 | 145 | 5 | 176 | 52 |
| 28 | 22 | 27 | 49 | 1 | 79 | 43 | 113 | 6 | 146 | 10 | 177 | 55 |
| 29 | 23 | 17 | 49 | 58 | 80 | 48 | 114 | 13 | 147 | 15 | 178 | 58 |
| 30 | 24 | 7 | 50 | 56 | 81 | 53 | 115 | 20 | 148 | 19 | 180 | 0 |

Declinationem .18. Graduum

| h | ♈ | | ♉ | | ♊ | | ♋ | | ♌ | | | |
|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|
| | S | m | S | m | S | m | S | m | S | m | | |
| 0 | 180 | 0 | 211 | 41 | 244 | 40 | 278 | 7 | 309 | 4 | 335 | 53 |
| 1 | 181 | 2 | 212 | 45 | 245 | 47 | 279 | 12 | 310 | 2 | 336 | 43 |
| 2 | 182 | 5 | 213 | 50 | 246 | 54 | 280 | 17 | 310 | 59 | 337 | 33 |
| 3 | 183 | 8 | 214 | 55 | 248 | 2 | 281 | 22 | 311 | 56 | 338 | 23 |
| 4 | 184 | 11 | 216 | 0 | 249 | 9 | 282 | 27 | 312 | 53 | 339 | 13 |
| 5 | 185 | 14 | 217 | 5 | 250 | 17 | 283 | 32 | 313 | 49 | 340 | 2 |
| 6 | 186 | 17 | 218 | 10 | 251 | 24 | 284 | 36 | 314 | 45 | 340 | 51 |
| 7 | 187 | 20 | 219 | 15 | 252 | 31 | 285 | 40 | 315 | 41 | 341 | 40 |
| 8 | 188 | 23 | 220 | 21 | 253 | 39 | 286 | 44 | 316 | 36 | 342 | 29 |
| 9 | 189 | 26 | 221 | 26 | 254 | 46 | 287 | 48 | 317 | 31 | 343 | 18 |
| 10 | 190 | 29 | 222 | 32 | 255 | 54 | 288 | 51 | 318 | 26 | 344 | 7 |
| 11 | 191 | 32 | 223 | 37 | 257 | 1 | 289 | 54 | 319 | 21 | 344 | 56 |
| 12 | 192 | 35 | 224 | 43 | 258 | 8 | 290 | 57 | 320 | 16 | 345 | 44 |
| 13 | 193 | 38 | 225 | 48 | 259 | 16 | 292 | 0 | 321 | 10 | 346 | 32 |
| 14 | 194 | 41 | 226 | 54 | 260 | 23 | 293 | 3 | 322 | 4 | 347 | 20 |
| 15 | 195 | 44 | 228 | 0 | 261 | 31 | 294 | 5 | 322 | 58 | 348 | 8 |
| 16 | 196 | 47 | 229 | 6 | 262 | 38 | 295 | 7 | 323 | 51 | 348 | 56 |
| 17 | 197 | 50 | 230 | 12 | 263 | 45 | 296 | 9 | 324 | 44 | 349 | 44 |
| 18 | 198 | 54 | 231 | 19 | 264 | 52 | 297 | 10 | 325 | 37 | 350 | 32 |
| 19 | 199 | 57 | 232 | 25 | 265 | 59 | 298 | 11 | 326 | 30 | 351 | 20 |
| 20 | 201 | 1 | 233 | 32 | 267 | 5 | 299 | 12 | 327 | 22 | 352 | 7 |
| 21 | 202 | 4 | 234 | 38 | 268 | 12 | 300 | 12 | 328 | 14 | 352 | 55 |
| 22 | 203 | 8 | 235 | 45 | 269 | 19 | 301 | 12 | 329 | 6 | 353 | 42 |
| 23 | 204 | 12 | 236 | 51 | 270 | 25 | 302 | 12 | 329 | 58 | 354 | 30 |
| 24 | 205 | 16 | 237 | 58 | 271 | 32 | 303 | 12 | 330 | 50 | 355 | 17 |
| 25 | 206 | 20 | 239 | 5 | 272 | 38 | 304 | 11 | 331 | 41 | 356 | 4 |
| 26 | 207 | 24 | 240 | 12 | 273 | 44 | 305 | 10 | 332 | 32 | 356 | 52 |
| 27 | 208 | 28 | 241 | 19 | 274 | 50 | 306 | 9 | 333 | 23 | 357 | 39 |
| 28 | 209 | 32 | 242 | 26 | 275 | 56 | 307 | 8 | 334 | 13 | 358 | 26 |
| 29 | 210 | 36 | 243 | 33 | 277 | 2 | 308 | 6 | 335 | 3 | 359 | 13 |
| 30 | 211 | 41 | 244 | 40 | 278 | 7 | 309 | 4 | 335 | 53 | 360 | 0 |

Tabula Ascensionum Obliquarum

| S | γ | | δ | | ι | | ε | | Ω | | η | |
|----|----|----|----|----|----|----|-----|----|-----|----|-----|----|
| | S | m | S | m | S | m | S | m | S | m | S | m |
| 0 | 0 | 0 | 23 | 39 | 50 | 6 | 80 | 54 | 114 | 30 | 147 | 51 |
| 1 | 0 | 46 | 24 | 28 | 51 | 4 | 81 | 59 | 115 | 38 | 148 | 57 |
| 2 | 1 | 32 | 25 | 18 | 52 | 2 | 83 | 5 | 116 | 46 | 150 | 2 |
| 3 | 2 | 19 | 26 | 8 | 53 | 0 | 84 | 11 | 117 | 53 | 151 | 7 |
| 4 | 3 | 5 | 26 | 58 | 53 | 58 | 85 | 17 | 119 | 2 | 152 | 12 |
| 5 | 3 | 52 | 27 | 48 | 54 | 56 | 86 | 23 | 120 | 8 | 153 | 17 |
| 6 | 4 | 38 | 28 | 39 | 55 | 55 | 87 | 29 | 121 | 16 | 154 | 22 |
| 7 | 5 | 24 | 29 | 30 | 56 | 54 | 88 | 36 | 122 | 23 | 155 | 27 |
| 8 | 6 | 11 | 30 | 21 | 57 | 54 | 89 | 43 | 123 | 31 | 156 | 32 |
| 9 | 6 | 57 | 31 | 12 | 58 | 53 | 90 | 50 | 124 | 38 | 157 | 37 |
| 10 | 7 | 44 | 32 | 3 | 59 | 53 | 91 | 57 | 125 | 45 | 158 | 41 |
| 11 | 8 | 30 | 32 | 55 | 60 | 54 | 93 | 4 | 126 | 53 | 159 | 46 |
| 12 | 9 | 17 | 33 | 47 | 61 | 55 | 94 | 10 | 128 | 0 | 160 | 50 |
| 13 | 10 | 4 | 34 | 39 | 62 | 56 | 95 | 18 | 129 | 7 | 161 | 54 |
| 14 | 10 | 51 | 35 | 31 | 63 | 57 | 96 | 25 | 130 | 14 | 162 | 58 |
| 15 | 11 | 38 | 36 | 23 | 64 | 59 | 97 | 33 | 131 | 21 | 164 | 2 |
| 16 | 12 | 25 | 37 | 16 | 66 | 1 | 98 | 40 | 132 | 28 | 165 | 6 |
| 17 | 13 | 12 | 38 | 10 | 67 | 3 | 99 | 48 | 133 | 34 | 166 | 10 |
| 18 | 14 | 0 | 39 | 3 | 68 | 6 | 100 | 55 | 134 | 41 | 167 | 14 |
| 19 | 14 | 47 | 39 | 57 | 69 | 8 | 102 | 3 | 135 | 47 | 168 | 18 |
| 20 | 15 | 35 | 40 | 51 | 70 | 11 | 103 | 11 | 136 | 53 | 169 | 22 |
| 21 | 16 | 23 | 41 | 45 | 71 | 14 | 104 | 18 | 138 | 0 | 170 | 26 |
| 22 | 17 | 11 | 42 | 40 | 72 | 18 | 105 | 26 | 139 | 6 | 171 | 30 |
| 23 | 17 | 59 | 43 | 34 | 73 | 21 | 106 | 34 | 140 | 12 | 172 | 34 |
| 24 | 18 | 47 | 44 | 29 | 74 | 25 | 107 | 42 | 141 | 18 | 173 | 38 |
| 25 | 19 | 35 | 45 | 24 | 75 | 29 | 108 | 50 | 142 | 24 | 174 | 42 |
| 26 | 20 | 23 | 46 | 20 | 76 | 34 | 109 | 58 | 143 | 30 | 175 | 46 |
| 27 | 21 | 12 | 47 | 16 | 77 | 39 | 111 | 6 | 144 | 35 | 176 | 50 |
| 28 | 22 | 1 | 48 | 13 | 78 | 44 | 112 | 14 | 145 | 41 | 177 | 53 |
| 29 | 22 | 50 | 49 | 9 | 79 | 49 | 113 | 22 | 146 | 46 | 178 | 57 |
| 30 | 23 | 39 | 50 | 6 | 80 | 54 | 114 | 30 | 147 | 51 | 180 | 0 |

Ed latitudinem .20. Graduum

| h | p | | m | | T | | b | | z | | X | |
|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|
| | B | m | B | m | B | m | B | m | B | m | B | m |
| 0 | 180 | 0 | 212 | 9 | 245 | 30 | 279 | 6 | 309 | 54 | 336 | 21 |
| 1 | 181 | 3 | 213 | 14 | 246 | 38 | 280 | 11 | 310 | 51 | 337 | 10 |
| 2 | 182 | 7 | 214 | 19 | 247 | 46 | 281 | 16 | 311 | 47 | 337 | 59 |
| 3 | 183 | 10 | 215 | 25 | 248 | 54 | 282 | 21 | 312 | 44 | 338 | 48 |
| 4 | 184 | 14 | 216 | 30 | 250 | 2 | 283 | 26 | 313 | 40 | 339 | 37 |
| 5 | 185 | 18 | 217 | 36 | 251 | 10 | 284 | 31 | 314 | 36 | 340 | 25 |
| 6 | 186 | 22 | 218 | 42 | 252 | 18 | 285 | 35 | 315 | 31 | 341 | 13 |
| 7 | 187 | 26 | 219 | 48 | 253 | 26 | 286 | 39 | 316 | 26 | 342 | 1 |
| 8 | 188 | 30 | 220 | 54 | 254 | 34 | 287 | 42 | 317 | 20 | 342 | 49 |
| 9 | 189 | 34 | 222 | 0 | 255 | 42 | 288 | 46 | 318 | 15 | 343 | 37 |
| 10 | 190 | 38 | 223 | 7 | 256 | 49 | 289 | 49 | 319 | 9 | 344 | 25 |
| 11 | 191 | 42 | 224 | 13 | 257 | 57 | 290 | 52 | 320 | 3 | 345 | 13 |
| 12 | 192 | 46 | 225 | 19 | 259 | 5 | 291 | 54 | 320 | 57 | 346 | 0 |
| 13 | 193 | 50 | 226 | 26 | 260 | 12 | 292 | 57 | 321 | 50 | 346 | 48 |
| 14 | 194 | 54 | 227 | 32 | 261 | 20 | 293 | 59 | 322 | 44 | 347 | 35 |
| 15 | 195 | 58 | 228 | 39 | 262 | 27 | 295 | 1 | 323 | 37 | 348 | 22 |
| 16 | 197 | 2 | 229 | 46 | 263 | 35 | 296 | 3 | 324 | 29 | 349 | 9 |
| 17 | 198 | 6 | 230 | 53 | 264 | 42 | 297 | 4 | 325 | 21 | 349 | 56 |
| 18 | 199 | 10 | 232 | 0 | 265 | 49 | 298 | 5 | 326 | 13 | 350 | 43 |
| 19 | 200 | 14 | 233 | 7 | 266 | 56 | 299 | 6 | 327 | 5 | 351 | 30 |
| 20 | 201 | 19 | 234 | 15 | 268 | 3 | 300 | 7 | 327 | 57 | 352 | 16 |
| 21 | 202 | 23 | 235 | 22 | 269 | 10 | 301 | 7 | 328 | 48 | 353 | 3 |
| 22 | 203 | 28 | 236 | 29 | 270 | 17 | 302 | 6 | 329 | 39 | 353 | 49 |
| 23 | 204 | 33 | 237 | 37 | 271 | 24 | 303 | 6 | 330 | 30 | 354 | 36 |
| 24 | 205 | 38 | 238 | 44 | 272 | 31 | 304 | 5 | 331 | 21 | 355 | 22 |
| 25 | 206 | 43 | 239 | 52 | 273 | 37 | 305 | 4 | 332 | 12 | 356 | 8 |
| 26 | 207 | 48 | 240 | 59 | 274 | 43 | 306 | 2 | 333 | 2 | 356 | 55 |
| 27 | 208 | 53 | 242 | 7 | 275 | 49 | 307 | 0 | 333 | 52 | 357 | 41 |
| 28 | 209 | 58 | 243 | 14 | 276 | 55 | 307 | 58 | 334 | 42 | 358 | 28 |
| 29 | 211 | 3 | 244 | 22 | 278 | 1 | 308 | 56 | 335 | 32 | 359 | 14 |
| 30 | 212 | 9 | 245 | 30 | 279 | 6 | 309 | 54 | 336 | 21 | 360 | 0 |

Tabula Ascensionum Obliquarum.

| S | γ | | δ | | π | | ε | | Ω | | η | |
|----|----|----|----|----|----|----|-----|----|-----|----|-----|----|
| | S | m | S | m | S | m | S | m | S | m | S | m |
| 0 | 0 | 0 | 23 | 25 | 49 | 41 | 80 | 23 | 114 | 5 | 147 | 37 |
| 1 | 0 | 45 | 24 | 14 | 50 | 38 | 81 | 29 | 115 | 13 | 148 | 43 |
| 2 | 1 | 31 | 25 | 3 | 51 | 36 | 82 | 35 | 116 | 21 | 149 | 49 |
| 3 | 2 | 17 | 25 | 52 | 52 | 34 | 83 | 41 | 117 | 29 | 150 | 54 |
| 4 | 3 | 3 | 26 | 41 | 53 | 32 | 84 | 47 | 118 | 37 | 152 | 0 |
| 5 | 3 | 49 | 27 | 31 | 54 | 30 | 85 | 53 | 119 | 45 | 153 | 5 |
| 6 | 4 | 35 | 28 | 21 | 55 | 29 | 86 | 59 | 120 | 53 | 154 | 11 |
| 7 | 5 | 21 | 29 | 11 | 56 | 28 | 88 | 6 | 122 | 1 | 155 | 16 |
| 8 | 6 | 7 | 30 | 2 | 57 | 27 | 89 | 13 | 123 | 8 | 156 | 21 |
| 9 | 6 | 53 | 30 | 53 | 58 | 26 | 90 | 20 | 124 | 16 | 157 | 26 |
| 10 | 7 | 39 | 31 | 44 | 59 | 25 | 91 | 27 | 125 | 23 | 158 | 31 |
| 11 | 8 | 25 | 32 | 35 | 60 | 26 | 92 | 34 | 126 | 31 | 159 | 35 |
| 12 | 9 | 11 | 33 | 26 | 61 | 27 | 93 | 41 | 127 | 38 | 160 | 41 |
| 13 | 9 | 58 | 34 | 18 | 62 | 28 | 94 | 49 | 128 | 46 | 161 | 46 |
| 14 | 10 | 44 | 35 | 10 | 63 | 29 | 95 | 56 | 129 | 53 | 162 | 51 |
| 15 | 11 | 31 | 36 | 2 | 64 | 30 | 97 | 4 | 131 | 0 | 163 | 55 |
| 16 | 12 | 17 | 36 | 55 | 65 | 32 | 98 | 12 | 132 | 7 | 165 | 0 |
| 17 | 13 | 4 | 37 | 48 | 66 | 34 | 99 | 20 | 133 | 14 | 166 | 4 |
| 18 | 13 | 51 | 38 | 41 | 67 | 36 | 100 | 28 | 134 | 21 | 167 | 9 |
| 19 | 14 | 38 | 39 | 35 | 68 | 38 | 101 | 36 | 135 | 28 | 168 | 13 |
| 20 | 15 | 25 | 40 | 29 | 69 | 41 | 102 | 44 | 136 | 34 | 169 | 17 |
| 21 | 16 | 12 | 41 | 23 | 70 | 44 | 103 | 52 | 137 | 41 | 170 | 22 |
| 22 | 17 | 0 | 42 | 17 | 71 | 47 | 105 | 0 | 138 | 48 | 171 | 26 |
| 23 | 17 | 47 | 43 | 11 | 72 | 51 | 106 | 8 | 139 | 54 | 172 | 31 |
| 24 | 18 | 35 | 44 | 6 | 73 | 55 | 107 | 16 | 141 | 1 | 173 | 35 |
| 25 | 19 | 23 | 45 | 1 | 74 | 59 | 108 | 24 | 142 | 7 | 174 | 39 |
| 26 | 20 | 11 | 45 | 56 | 76 | 3 | 109 | 32 | 143 | 13 | 175 | 44 |
| 27 | 20 | 59 | 46 | 52 | 77 | 8 | 110 | 40 | 144 | 19 | 176 | 48 |
| 28 | 21 | 48 | 47 | 48 | 78 | 13 | 111 | 48 | 145 | 25 | 177 | 52 |
| 29 | 22 | 36 | 48 | 44 | 79 | 18 | 112 | 56 | 146 | 31 | 178 | 56 |
| 30 | 23 | 25 | 49 | 4 | 80 | 23 | 114 | 5 | 147 | 37 | 180 | 0 |

Ad latitudinem .21. Graduum.

| h | ♈ | | ♉ | | ♊ | | ♋ | | ♌ | | ♍ | |
|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|
| | h | m | h | m | h | m | h | m | h | m | h | m |
| 0 | 180 | 0 | 212 | 23 | 245 | 55 | 279 | 37 | 310 | 19 | 336 | 35 |
| 1 | 181 | 4 | 213 | 29 | 247 | 4 | 280 | 42 | 311 | 16 | 337 | 24 |
| 2 | 182 | 8 | 214 | 35 | 248 | 12 | 281 | 47 | 312 | 12 | 338 | 12 |
| 3 | 183 | 12 | 215 | 41 | 249 | 20 | 282 | 52 | 313 | 8 | 339 | 1 |
| 4 | 184 | 16 | 216 | 47 | 250 | 28 | 283 | 57 | 314 | 4 | 339 | 49 |
| 5 | 185 | 21 | 217 | 53 | 251 | 36 | 285 | 1 | 314 | 59 | 340 | 37 |
| 6 | 186 | 25 | 218 | 59 | 252 | 44 | 286 | 5 | 315 | 54 | 341 | 25 |
| 7 | 187 | 29 | 220 | 6 | 253 | 52 | 287 | 9 | 316 | 49 | 342 | 13 |
| 8 | 188 | 34 | 221 | 12 | 255 | 0 | 288 | 13 | 317 | 43 | 343 | 0 |
| 9 | 189 | 38 | 222 | 19 | 256 | 8 | 289 | 16 | 318 | 37 | 343 | 48 |
| 10 | 190 | 43 | 223 | 26 | 257 | 16 | 290 | 19 | 319 | 31 | 344 | 35 |
| 11 | 191 | 47 | 224 | 32 | 258 | 24 | 291 | 22 | 320 | 25 | 345 | 22 |
| 12 | 192 | 51 | 225 | 39 | 259 | 32 | 292 | 24 | 321 | 19 | 346 | 9 |
| 13 | 193 | 56 | 226 | 46 | 260 | 40 | 293 | 26 | 322 | 12 | 346 | 56 |
| 14 | 195 | 0 | 227 | 53 | 261 | 48 | 294 | 28 | 323 | 5 | 347 | 43 |
| 15 | 196 | 5 | 229 | 0 | 262 | 56 | 295 | 30 | 323 | 58 | 348 | 29 |
| 16 | 197 | 9 | 230 | 7 | 264 | 4 | 296 | 31 | 324 | 50 | 349 | 16 |
| 17 | 198 | 14 | 231 | 14 | 265 | 11 | 297 | 32 | 325 | 42 | 350 | 2 |
| 18 | 199 | 19 | 232 | 22 | 266 | 19 | 298 | 33 | 326 | 34 | 350 | 49 |
| 19 | 200 | 25 | 233 | 29 | 267 | 26 | 299 | 34 | 327 | 25 | 351 | 35 |
| 20 | 201 | 29 | 234 | 37 | 268 | 33 | 300 | 34 | 328 | 16 | 352 | 21 |
| 21 | 202 | 34 | 235 | 44 | 269 | 40 | 301 | 34 | 329 | 7 | 353 | 7 |
| 22 | 203 | 39 | 236 | 52 | 270 | 47 | 302 | 33 | 329 | 58 | 353 | 53 |
| 23 | 204 | 44 | 237 | 59 | 271 | 54 | 303 | 32 | 330 | 49 | 354 | 39 |
| 24 | 205 | 49 | 239 | 7 | 273 | 1 | 304 | 31 | 331 | 39 | 355 | 25 |
| 25 | 206 | 55 | 240 | 15 | 274 | 3 | 305 | 30 | 332 | 29 | 356 | 11 |
| 26 | 208 | 0 | 241 | 23 | 275 | 13 | 306 | 28 | 333 | 19 | 356 | 57 |
| 27 | 209 | 6 | 242 | 31 | 276 | 19 | 307 | 26 | 334 | 8 | 357 | 43 |
| 28 | 210 | 11 | 243 | 39 | 277 | 25 | 308 | 24 | 334 | 57 | 358 | 29 |
| 29 | 211 | 17 | 244 | 47 | 278 | 31 | 309 | 22 | 335 | 46 | 359 | 15 |
| 30 | 212 | 23 | 245 | 55 | 279 | 37 | 310 | 19 | 336 | 35 | 360 | 0 |

Tabula Ascensionum Obliquarum

| ♁ | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ♈ | |
|----|----|----|----|----|----|----|-----|----|-----|----|-----|----|
| | ♁ | ♂ | ♁ | ♂ | ♁ | ♂ | ♁ | ♂ | ♁ | ♂ | ♁ | ♂ |
| 0 | 0 | 0 | 23 | 11 | 49 | 15 | 79 | 52 | 113 | 39 | 147 | 23 |
| 1 | 0 | 45 | 23 | 59 | 50 | 12 | 80 | 58 | 114 | 48 | 148 | 29 |
| 2 | 1 | 30 | 24 | 48 | 51 | 9 | 82 | 4 | 115 | 56 | 149 | 35 |
| 3 | 2 | 16 | 25 | 37 | 52 | 6 | 83 | 10 | 117 | 4 | 150 | 41 |
| 4 | 3 | 1 | 26 | 26 | 53 | 4 | 84 | 16 | 118 | 12 | 151 | 47 |
| 5 | 3 | 47 | 27 | 15 | 54 | 2 | 85 | 23 | 119 | 20 | 152 | 53 |
| 6 | 4 | 32 | 28 | 5 | 55 | 0 | 86 | 29 | 120 | 28 | 154 | 2 |
| 7 | 5 | 18 | 28 | 55 | 55 | 59 | 87 | 36 | 121 | 36 | 155 | 8 |
| 8 | 6 | 3 | 29 | 45 | 56 | 58 | 88 | 43 | 122 | 44 | 156 | 14 |
| 9 | 6 | 49 | 30 | 35 | 57 | 57 | 89 | 50 | 123 | 52 | 157 | 17 |
| 10 | 7 | 35 | 31 | 26 | 58 | 57 | 90 | 57 | 125 | 0 | 158 | 22 |
| 11 | 8 | 20 | 32 | 17 | 59 | 57 | 92 | 4 | 126 | 8 | 159 | 28 |
| 12 | 9 | 6 | 33 | 8 | 60 | 58 | 93 | 12 | 127 | 16 | 160 | 33 |
| 13 | 9 | 52 | 33 | 59 | 61 | 59 | 94 | 19 | 128 | 24 | 161 | 38 |
| 14 | 10 | 38 | 34 | 50 | 63 | 0 | 95 | 27 | 129 | 32 | 162 | 43 |
| 15 | 11 | 24 | 35 | 42 | 64 | 1 | 96 | 35 | 130 | 40 | 163 | 48 |
| 16 | 12 | 10 | 36 | 34 | 65 | 3 | 97 | 43 | 131 | 48 | 164 | 53 |
| 17 | 12 | 56 | 37 | 27 | 66 | 5 | 98 | 51 | 132 | 55 | 165 | 58 |
| 18 | 13 | 43 | 38 | 20 | 67 | 7 | 99 | 59 | 134 | 2 | 167 | 3 |
| 19 | 14 | 29 | 39 | 13 | 68 | 9 | 101 | 7 | 135 | 9 | 168 | 8 |
| 20 | 15 | 16 | 40 | 6 | 69 | 11 | 102 | 15 | 136 | 16 | 169 | 13 |
| 21 | 16 | 3 | 41 | 0 | 70 | 14 | 103 | 23 | 137 | 23 | 170 | 18 |
| 22 | 16 | 50 | 41 | 54 | 71 | 17 | 104 | 31 | 138 | 30 | 171 | 23 |
| 23 | 17 | 37 | 42 | 48 | 72 | 21 | 105 | 39 | 139 | 37 | 172 | 28 |
| 24 | 18 | 24 | 43 | 42 | 73 | 25 | 106 | 47 | 140 | 44 | 173 | 33 |
| 25 | 19 | 11 | 44 | 36 | 74 | 29 | 107 | 56 | 141 | 51 | 174 | 37 |
| 26 | 19 | 59 | 45 | 31 | 75 | 33 | 109 | 5 | 142 | 58 | 175 | 42 |
| 27 | 20 | 47 | 46 | 27 | 76 | 37 | 110 | 14 | 144 | 4 | 176 | 47 |
| 28 | 21 | 35 | 47 | 23 | 77 | 42 | 111 | 22 | 145 | 11 | 177 | 51 |
| 29 | 22 | 23 | 48 | 19 | 78 | 47 | 112 | 31 | 146 | 17 | 178 | 56 |
| 30 | 23 | 11 | 49 | 15 | 79 | 52 | 113 | 39 | 147 | 23 | 180 | 0 |

Ad latitudinem .22. Graduum

| S | ♈ | | ♉ | | ♊ | | ♋ | | ♌ | | | |
|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|
| | S | m | S | m | S | m | S | m | S | m | | |
| 0 | 180 | 0 | 212 | 37 | 246 | 21 | 280 | 8 | 310 | 45 | 336 | 49 |
| 1 | 181 | 9 | 213 | 43 | 247 | 29 | 281 | 13 | 311 | 41 | 337 | 37 |
| 2 | 182 | 4 | 214 | 49 | 248 | 38 | 282 | 18 | 312 | 37 | 338 | 25 |
| 3 | 183 | 13 | 215 | 56 | 249 | 46 | 283 | 23 | 313 | 33 | 339 | 13 |
| 4 | 184 | 18 | 217 | 2 | 250 | 55 | 284 | 37 | 314 | 29 | 340 | 1 |
| 5 | 185 | 23 | 218 | 9 | 252 | 4 | 285 | 31 | 315 | 24 | 340 | 49 |
| 6 | 186 | 27 | 219 | 16 | 253 | 13 | 286 | 35 | 316 | 18 | 341 | 36 |
| 7 | 187 | 32 | 220 | 23 | 254 | 21 | 287 | 39 | 317 | 12 | 342 | 23 |
| 8 | 188 | 37 | 221 | 30 | 255 | 29 | 288 | 43 | 318 | 6 | 343 | 10 |
| 9 | 189 | 42 | 222 | 37 | 256 | 37 | 289 | 46 | 319 | 0 | 343 | 57 |
| 10 | 190 | 47 | 223 | 44 | 257 | 45 | 290 | 49 | 319 | 54 | 344 | 44 |
| 11 | 191 | 52 | 224 | 51 | 258 | 53 | 291 | 51 | 320 | 47 | 345 | 31 |
| 12 | 192 | 57 | 225 | 58 | 260 | 1 | 292 | 53 | 321 | 40 | 346 | 17 |
| 13 | 194 | 2 | 227 | 5 | 261 | 9 | 293 | 55 | 322 | 33 | 347 | 4 |
| 14 | 195 | 7 | 228 | 12 | 262 | 17 | 294 | 57 | 323 | 26 | 347 | 50 |
| 15 | 196 | 12 | 229 | 20 | 263 | 25 | 295 | 59 | 324 | 18 | 348 | 36 |
| 16 | 197 | 17 | 230 | 28 | 264 | 33 | 297 | 0 | 325 | 10 | 349 | 22 |
| 17 | 198 | 22 | 231 | 36 | 265 | 41 | 298 | 1 | 326 | 1 | 350 | 8 |
| 18 | 199 | 27 | 232 | 44 | 266 | 48 | 299 | 2 | 326 | 52 | 350 | 54 |
| 16 | 200 | 32 | 233 | 52 | 267 | 56 | 300 | 3 | 327 | 43 | 351 | 40 |
| 20 | 201 | 38 | 235 | 0 | 269 | 3 | 301 | 3 | 328 | 34 | 352 | 25 |
| 21 | 202 | 43 | 236 | 8 | 270 | 10 | 302 | 3 | 329 | 25 | 353 | 11 |
| 22 | 203 | 48 | 237 | 16 | 271 | 17 | 303 | 2 | 330 | 15 | 353 | 57 |
| 23 | 204 | 53 | 238 | 24 | 272 | 24 | 304 | 1 | 331 | 5 | 354 | 42 |
| 24 | 205 | 58 | 239 | 32 | 273 | 31 | 305 | 0 | 331 | 55 | 355 | 28 |
| 25 | 207 | 7 | 240 | 40 | 274 | 37 | 305 | 58 | 332 | 45 | 356 | 13 |
| 26 | 208 | 13 | 241 | 48 | 275 | 44 | 306 | 56 | 333 | 34 | 356 | 59 |
| 27 | 209 | 19 | 242 | 56 | 276 | 50 | 307 | 54 | 334 | 23 | 357 | 44 |
| 28 | 210 | 25 | 244 | 4 | 277 | 56 | 308 | 51 | 335 | 12 | 358 | 30 |
| 29 | 211 | 31 | 245 | 12 | 279 | 2 | 309 | 48 | 336 | 1 | 359 | 15 |
| 30 | 212 | 37 | 246 | 21 | 280 | 8 | 310 | 45 | 336 | 49 | 360 | 0 |

) 51

Tabula Ascensionum Obliquarum

| | γ | δ | ε | ζ | η | θ |
|----|-------|-------|-------|--------|--------|--------|
| δ | δ m | δ m | δ m | δ m | δ m | δ m |
| 0 | 0 0 | 22 57 | 48 49 | 79 22 | 113 13 | 147 9 |
| 1 | 0 44 | 23 45 | 49 46 | 80 28 | 114 22 | 148 16 |
| 2 | 1 29 | 24 33 | 50 43 | 81 34 | 115 31 | 149 22 |
| 3 | 2 14 | 25 22 | 51 40 | 82 40 | 116 39 | 150 29 |
| 4 | 2 59 | 26 10 | 52 37 | 83 46 | 117 48 | 151 35 |
| 5 | 3 44 | 26 59 | 53 35 | 84 52 | 118 56 | 152 41 |
| 6 | 4 29 | 27 48 | 54 33 | 85 58 | 120 5 | 153 48 |
| 7 | 5 14 | 28 37 | 55 31 | 87 5 | 121 13 | 154 54 |
| 8 | 5 59 | 29 27 | 56 30 | 88 12 | 122 21 | 156 0 |
| 9 | 6 44 | 30 17 | 57 29 | 89 19 | 123 29 | 157 6 |
| 10 | 7 30 | 31 7 | 58 28 | 90 26 | 124 37 | 158 12 |
| 11 | 8 15 | 31 57 | 59 28 | 91 33 | 125 46 | 159 18 |
| 12 | 9 0 | 32 48 | 60 28 | 92 41 | 126 54 | 160 24 |
| 13 | 9 46 | 33 39 | 61 29 | 93 49 | 128 3 | 161 30 |
| 14 | 10 31 | 34 30 | 62 30 | 94 57 | 129 11 | 162 36 |
| 15 | 11 17 | 35 21 | 63 31 | 96 5 | 130 19 | 163 41 |
| 16 | 12 2 | 36 13 | 64 32 | 97 13 | 131 27 | 164 47 |
| 17 | 12 48 | 37 5 | 65 34 | 98 21 | 132 35 | 165 52 |
| 18 | 13 34 | 37 57 | 66 36 | 99 29 | 133 42 | 166 58 |
| 19 | 14 20 | 38 50 | 67 38 | 100 37 | 134 50 | 168 3 |
| 20 | 15 6 | 39 43 | 68 40 | 101 46 | 135 57 | 169 8 |
| 21 | 15 52 | 40 36 | 69 43 | 102 54 | 137 5 | 170 14 |
| 22 | 16 39 | 41 30 | 70 46 | 104 3 | 138 13 | 171 19 |
| 23 | 17 25 | 42 24 | 71 50 | 105 11 | 139 20 | 172 24 |
| 24 | 18 12 | 43 18 | 72 54 | 106 20 | 140 28 | 173 29 |
| 25 | 18 59 | 44 12 | 73 58 | 107 29 | 141 35 | 174 34 |
| 26 | 19 46 | 45 7 | 75 2 | 108 28 | 142 42 | 175 40 |
| 27 | 20 34 | 46 2 | 76 7 | 109 47 | 143 49 | 176 45 |
| 28 | 21 21 | 46 57 | 77 12 | 110 56 | 144 56 | 177 50 |
| 29 | 22 9 | 47 53 | 78 17 | 112 5 | 146 3 | 178 55 |
| 30 | 22 57 | 48 49 | 79 22 | 113 13 | 147 9 | 180 9 |

Ad latitudinem .23. Graduum

| h | n | | m | | p | | r | | s | | t | |
|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|
| | B | m | B | m | B | m | B | m | B | m | B | m |
| 0 | 180 | 0 | 212 | 51 | 246 | 47 | 280 | 38 | 311 | 11 | 337 | 3 |
| 1 | 181 | 5 | 213 | 57 | 247 | 55 | 281 | 43 | 312 | 7 | 337 | 51 |
| 2 | 182 | 10 | 215 | 4 | 249 | 4 | 282 | 48 | 313 | 3 | 338 | 39 |
| 3 | 183 | 15 | 216 | 11 | 250 | 13 | 283 | 53 | 313 | 58 | 339 | 26 |
| 4 | 184 | 20 | 217 | 18 | 251 | 22 | 284 | 58 | 314 | 53 | 340 | 14 |
| 5 | 185 | 26 | 218 | 25 | 252 | 31 | 286 | 2 | 315 | 48 | 341 | 1 |
| 6 | 186 | 31 | 219 | 32 | 253 | 40 | 287 | 6 | 316 | 42 | 341 | 48 |
| 7 | 187 | 36 | 220 | 40 | 254 | 49 | 288 | 10 | 317 | 36 | 342 | 35 |
| 8 | 188 | 41 | 221 | 47 | 255 | 57 | 289 | 14 | 318 | 30 | 343 | 21 |
| 9 | 189 | 46 | 222 | 55 | 257 | 6 | 290 | 17 | 319 | 24 | 344 | 8 |
| 10 | 190 | 52 | 224 | 3 | 258 | 14 | 291 | 20 | 320 | 17 | 344 | 54 |
| 11 | 191 | 57 | 225 | 10 | 259 | 23 | 292 | 22 | 321 | 10 | 345 | 40 |
| 12 | 193 | 2 | 226 | 18 | 260 | 31 | 293 | 24 | 322 | 3 | 346 | 26 |
| 13 | 194 | 8 | 227 | 25 | 261 | 39 | 294 | 26 | 322 | 55 | 347 | 12 |
| 14 | 195 | 13 | 228 | 33 | 262 | 47 | 295 | 28 | 323 | 47 | 347 | 58 |
| 15 | 196 | 19 | 229 | 41 | 263 | 55 | 296 | 29 | 324 | 39 | 348 | 43 |
| 16 | 197 | 24 | 230 | 49 | 265 | 3 | 297 | 30 | 325 | 30 | 349 | 29 |
| 17 | 198 | 30 | 231 | 57 | 296 | 11 | 298 | 31 | 326 | 21 | 350 | 14 |
| 18 | 199 | 36 | 233 | 6 | 267 | 19 | 299 | 32 | 327 | 12 | 351 | 0 |
| 19 | 200 | 42 | 234 | 14 | 268 | 27 | 300 | 32 | 328 | 3 | 351 | 45 |
| 20 | 201 | 48 | 235 | 23 | 269 | 34 | 301 | 32 | 328 | 55 | 352 | 30 |
| 21 | 202 | 54 | 236 | 31 | 270 | 41 | 302 | 31 | 329 | 43 | 353 | 16 |
| 22 | 204 | 0 | 237 | 39 | 271 | 48 | 303 | 30 | 333 | 33 | 354 | 1 |
| 23 | 205 | 6 | 238 | 47 | 272 | 55 | 304 | 29 | 331 | 23 | 354 | 46 |
| 24 | 206 | 12 | 239 | 55 | 274 | 2 | 305 | 27 | 332 | 12 | 355 | 31 |
| 25 | 207 | 19 | 241 | 4 | 275 | 8 | 306 | 25 | 333 | 1 | 356 | 16 |
| 26 | 208 | 25 | 242 | 12 | 276 | 14 | 307 | 22 | 333 | 50 | 357 | 1 |
| 27 | 209 | 31 | 243 | 21 | 277 | 20 | 308 | 20 | 334 | 38 | 357 | 46 |
| 28 | 210 | 38 | 244 | 29 | 278 | 26 | 309 | 17 | 335 | 27 | 358 | 31 |
| 29 | 211 | 44 | 245 | 38 | 279 | 32 | 310 | 14 | 336 | 15 | 359 | 16 |
| 30 | 212 | 51 | 246 | 47 | 280 | 38 | 311 | 11 | 337 | 3 | 360 | 0 |

) B 2

Tabula Ascensionum Obliquarum

| | γ | δ | ιι | εε | ω | ηη |
|----|-------|-------|-------|--------|--------|--------|
| δ | δ m | δ m | δ m | δ m | δ m | δ m |
| 0 | 0 0 | 22 42 | 48 22 | 78 50 | 112 46 | 146 54 |
| 1 | 0 44 | 23 30 | 49 18 | 79 56 | 113 55 | 148 1 |
| 2 | 1 28 | 24 18 | 50 15 | 81 2 | 115 4 | 149 8 |
| 3 | 2 13 | 25 6 | 51 12 | 82 8 | 116 13 | 150 15 |
| 4 | 2 57 | 25 54 | 52 9 | 83 14 | 117 21 | 151 22 |
| 5 | 3 42 | 26 42 | 53 7 | 84 20 | 118 31 | 152 29 |
| 6 | 4 26 | 27 31 | 54 5 | 85 27 | 119 40 | 153 36 |
| 7 | 5 11 | 28 20 | 55 3 | 86 34 | 120 49 | 154 43 |
| 8 | 5 55 | 29 9 | 56 1 | 87 41 | 121 58 | 155 49 |
| 9 | 6 40 | 29 58 | 57 0 | 88 48 | 123 6 | 156 56 |
| 10 | 7 25 | 30 38 | 57 59 | 89 55 | 124 14 | 158 2 |
| 11 | 8 9 | 31 48 | 58 59 | 91 2 | 125 23 | 159 9 |
| 12 | 8 54 | 32 28 | 59 59 | 92 10 | 126 32 | 160 15 |
| 13 | 9 39 | 33 18 | 60 59 | 93 18 | 127 41 | 161 21 |
| 14 | 10 24 | 34 9 | 61 59 | 94 26 | 128 50 | 162 27 |
| 15 | 11 9 | 35 0 | 63 0 | 95 34 | 129 58 | 163 33 |
| 16 | 11 54 | 35 52 | 64 1 | 96 42 | 131 6 | 164 39 |
| 17 | 12 39 | 36 44 | 65 3 | 97 52 | 132 14 | 165 45 |
| 18 | 13 25 | 37 36 | 66 5 | 98 59 | 133 22 | 166 51 |
| 19 | 14 10 | 38 28 | 67 7 | 100 8 | 134 30 | 167 57 |
| 20 | 14 56 | 39 20 | 68 9 | 101 18 | 135 38 | 169 3 |
| 21 | 15 42 | 40 13 | 69 12 | 102 25 | 136 46 | 170 9 |
| 22 | 16 28 | 41 9 | 70 15 | 103 34 | 137 54 | 171 15 |
| 23 | 17 14 | 41 59 | 71 18 | 104 42 | 139 2 | 172 21 |
| 24 | 18 0 | 42 53 | 72 22 | 105 52 | 140 10 | 173 27 |
| 25 | 18 47 | 43 47 | 73 26 | 107 1 | 141 18 | 174 32 |
| 26 | 19 34 | 44 41 | 74 30 | 108 10 | 142 26 | 175 38 |
| 27 | 20 21 | 45 36 | 75 35 | 109 19 | 143 33 | 176 44 |
| 28 | 21 8 | 46 31 | 76 40 | 110 28 | 144 40 | 177 49 |
| 29 | 21 55 | 47 26 | 77 45 | 111 37 | 145 46 | 178 55 |
| 30 | 22 42 | 48 22 | 78 50 | 112 46 | 146 54 | 180 0 |

Latitudinem .24. Gradum

| | ♈ | | ♉ | | ♊ | | ♋ | | ♌ | |
|----|-----|----|-----|----|-----|----|-----|----|-----|----|
| h | h | m | h | m | h | m | h | m | h | m |
| 0 | 180 | 0 | 213 | 6 | 247 | 14 | 281 | 10 | 311 | 38 |
| 1 | 181 | 5 | 214 | 13 | 248 | 23 | 282 | 15 | 312 | 34 |
| 2 | 182 | 11 | 215 | 20 | 249 | 32 | 283 | 20 | 313 | 29 |
| 3 | 183 | 16 | 216 | 27 | 250 | 41 | 284 | 25 | 314 | 24 |
| 4 | 184 | 22 | 217 | 34 | 251 | 50 | 285 | 30 | 315 | 19 |
| 5 | 185 | 28 | 218 | 42 | 252 | 59 | 286 | 34 | 316 | 13 |
| 6 | 186 | 33 | 219 | 50 | 254 | 8 | 287 | 38 | 317 | 7 |
| 7 | 187 | 39 | 220 | 58 | 255 | 17 | 288 | 42 | 318 | 1 |
| 8 | 188 | 45 | 222 | 6 | 256 | 26 | 289 | 45 | 318 | 54 |
| 9 | 189 | 51 | 223 | 14 | 257 | 35 | 290 | 48 | 319 | 47 |
| 10 | 190 | 57 | 224 | 22 | 258 | 43 | 291 | 51 | 320 | 40 |
| 11 | 192 | 3 | 225 | 30 | 259 | 52 | 292 | 53 | 321 | 32 |
| 12 | 193 | 9 | 226 | 38 | 261 | 1 | 293 | 55 | 322 | 24 |
| 13 | 194 | 15 | 227 | 46 | 262 | 9 | 294 | 57 | 323 | 16 |
| 14 | 195 | 21 | 228 | 54 | 263 | 18 | 295 | 59 | 324 | 8 |
| 15 | 196 | 27 | 230 | 2 | 264 | 26 | 297 | 0 | 325 | 0 |
| 16 | 197 | 33 | 231 | 10 | 265 | 34 | 298 | 1 | 325 | 51 |
| 17 | 198 | 39 | 232 | 19 | 266 | 42 | 299 | 1 | 326 | 42 |
| 18 | 199 | 45 | 233 | 28 | 267 | 50 | 300 | 1 | 327 | 32 |
| 19 | 200 | 51 | 234 | 37 | 268 | 58 | 301 | 1 | 328 | 22 |
| 20 | 201 | 58 | 235 | 46 | 270 | 5 | 302 | 1 | 329 | 12 |
| 21 | 203 | 4 | 236 | 54 | 271 | 12 | 303 | 0 | 330 | 2 |
| 22 | 204 | 11 | 238 | 3 | 272 | 19 | 303 | 59 | 330 | 51 |
| 23 | 205 | 17 | 239 | 11 | 273 | 26 | 304 | 58 | 331 | 40 |
| 24 | 206 | 24 | 240 | 20 | 274 | 33 | 305 | 55 | 332 | 29 |
| 25 | 207 | 31 | 241 | 29 | 275 | 40 | 306 | 53 | 333 | 18 |
| 26 | 208 | 38 | 242 | 38 | 276 | 46 | 307 | 51 | 334 | 6 |
| 27 | 209 | 45 | 243 | 47 | 277 | 52 | 308 | 48 | 334 | 54 |
| 28 | 210 | 52 | 244 | 56 | 278 | 58 | 309 | 45 | 335 | 42 |
| 29 | 211 | 59 | 246 | 5 | 280 | 4 | 310 | 42 | 336 | 30 |
| 30 | 213 | 6 | 247 | 14 | 281 | 10 | 311 | 38 | 337 | 18 |

) B 3

Tabula Ascensionum Obliquarum.

| | γ | δ | ι | ε | ζ | η |
|----|-------|-------|-------|--------|--------|--------|
| δ | δ m | δ m | δ m | δ m | δ m | δ m |
| 0 | 0 0 | 22 27 | 47 54 | 78 18 | 112 18 | 146 39 |
| 1 | 0 43 | 23 14 | 48 50 | 79 24 | 113 28 | 147 47 |
| 2 | 1 27 | 24 1 | 49 47 | 80 30 | 114 37 | 148 55 |
| 3 | 2 11 | 24 49 | 50 44 | 81 36 | 115 47 | 150 2 |
| 4 | 2 55 | 25 36 | 51 41 | 82 42 | 116 56 | 151 10 |
| 5 | 3 39 | 26 24 | 52 38 | 83 48 | 118 5 | 152 17 |
| 6 | 4 23 | 27 13 | 53 36 | 84 55 | 119 15 | 153 24 |
| 7 | 5 7 | 28 2 | 54 34 | 86 2 | 120 24 | 154 31 |
| 8 | 5 51 | 28 51 | 55 32 | 87 9 | 121 33 | 155 38 |
| 9 | 6 35 | 29 40 | 56 30 | 88 16 | 122 42 | 156 45 |
| 10 | 7 20 | 30 29 | 57 29 | 89 24 | 123 51 | 157 52 |
| 11 | 8 4 | 31 19 | 58 29 | 90 32 | 125 1 | 158 59 |
| 12 | 8 48 | 32 9 | 59 29 | 91 40 | 126 10 | 160 6 |
| 13 | 9 33 | 32 59 | 60 29 | 92 48 | 127 19 | 161 13 |
| 14 | 10 17 | 33 49 | 61 29 | 93 56 | 128 28 | 162 20 |
| 15 | 11 2 | 34 39 | 62 30 | 95 4 | 129 37 | 163 26 |
| 16 | 11 46 | 35 30 | 63 31 | 96 12 | 130 46 | 164 33 |
| 17 | 12 31 | 36 22 | 64 33 | 97 21 | 131 54 | 165 39 |
| 18 | 13 16 | 37 13 | 65 34 | 98 29 | 133 3 | 166 46 |
| 19 | 14 1 | 38 5 | 66 36 | 99 38 | 134 11 | 167 52 |
| 20 | 14 46 | 38 57 | 67 38 | 100 47 | 135 19 | 168 58 |
| 21 | 15 31 | 39 49 | 68 41 | 101 46 | 136 28 | 170 5 |
| 22 | 16 17 | 40 42 | 69 44 | 103 5 | 137 36 | 171 11 |
| 23 | 17 3 | 41 35 | 70 47 | 104 14 | 138 44 | 172 17 |
| 24 | 17 49 | 42 28 | 71 50 | 105 23 | 139 52 | 173 23 |
| 25 | 18 35 | 43 21 | 72 54 | 106 32 | 141 0 | 174 29 |
| 26 | 19 21 | 44 15 | 73 58 | 107 41 | 142 8 | 175 36 |
| 27 | 20 7 | 45 10 | 75 3 | 108 50 | 143 16 | 176 42 |
| 28 | 20 54 | 46 4 | 76 8 | 109 59 | 144 24 | 177 48 |
| 29 | 21 40 | 46 59 | 77 13 | 111 8 | 145 32 | 178 52 |
| 30 | 22 27 | 47 54 | 78 18 | 112 18 | 146 39 | 180 0 |

Ad latitudinem .25. Graduum

| δ | ♈ | | ♉ | | ♊ | | ♋ | | ♌ | | ♍ | |
|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|
| | δ | m | δ | m | δ | m | δ | m | δ | m | δ | m |
| 0 | 180 | 0 | 213 | 21 | 247 | 42 | 281 | 42 | 312 | 6 | 337 | 33 |
| 1 | 181 | 6 | 214 | 28 | 248 | 52 | 282 | 47 | 313 | 1 | 338 | 20 |
| 2 | 182 | 12 | 215 | 36 | 250 | 1 | 283 | 52 | 313 | 56 | 339 | 6 |
| 3 | 183 | 18 | 216 | 44 | 251 | 10 | 284 | 57 | 314 | 50 | 339 | 53 |
| 4 | 184 | 24 | 217 | 52 | 252 | 19 | 286 | 2 | 315 | 45 | 340 | 39 |
| 5 | 185 | 31 | 219 | 0 | 253 | 28 | 287 | 6 | 316 | 39 | 341 | 25 |
| 6 | 186 | 37 | 220 | 8 | 254 | 37 | 288 | 10 | 317 | 32 | 342 | 11 |
| 7 | 187 | 43 | 221 | 16 | 255 | 46 | 289 | 13 | 318 | 25 | 342 | 57 |
| 8 | 188 | 49 | 222 | 24 | 256 | 55 | 290 | 16 | 319 | 18 | 343 | 43 |
| 9 | 189 | 55 | 223 | 32 | 258 | 4 | 291 | 19 | 320 | 11 | 344 | 29 |
| 10 | 191 | 2 | 224 | 41 | 259 | 13 | 292 | 22 | 321 | 3 | 345 | 14 |
| 11 | 192 | 8 | 225 | 49 | 260 | 22 | 293 | 24 | 321 | 55 | 345 | 59 |
| 12 | 193 | 14 | 226 | 57 | 261 | 31 | 294 | 26 | 322 | 47 | 346 | 44 |
| 13 | 194 | 21 | 228 | 6 | 262 | 39 | 295 | 27 | 323 | 38 | 347 | 29 |
| 14 | 195 | 27 | 229 | 14 | 263 | 48 | 296 | 29 | 324 | 30 | 348 | 14 |
| 15 | 196 | 34 | 230 | 23 | 264 | 56 | 297 | 30 | 325 | 19 | 348 | 58 |
| 16 | 197 | 40 | 231 | 32 | 266 | 4 | 298 | 31 | 326 | 11 | 349 | 43 |
| 17 | 198 | 47 | 232 | 41 | 267 | 12 | 299 | 31 | 327 | 1 | 350 | 27 |
| 18 | 199 | 54 | 233 | 50 | 268 | 20 | 300 | 31 | 327 | 51 | 351 | 12 |
| 19 | 201 | 1 | 234 | 59 | 269 | 28 | 301 | 31 | 328 | 41 | 351 | 56 |
| 20 | 202 | 8 | 236 | 9 | 270 | 36 | 302 | 31 | 329 | 31 | 352 | 40 |
| 21 | 203 | 15 | 237 | 18 | 271 | 44 | 303 | 30 | 330 | 20 | 353 | 25 |
| 22 | 204 | 22 | 238 | 27 | 272 | 51 | 304 | 28 | 331 | 9 | 354 | 9 |
| 23 | 205 | 29 | 239 | 36 | 273 | 58 | 305 | 26 | 331 | 58 | 354 | 53 |
| 24 | 206 | 36 | 240 | 45 | 274 | 5 | 306 | 24 | 332 | 47 | 355 | 37 |
| 25 | 207 | 43 | 241 | 55 | 276 | 12 | 307 | 22 | 333 | 36 | 356 | 21 |
| 26 | 208 | 50 | 243 | 4 | 277 | 18 | 308 | 19 | 334 | 24 | 357 | 5 |
| 27 | 209 | 58 | 244 | 13 | 278 | 24 | 309 | 16 | 335 | 11 | 357 | 49 |
| 28 | 211 | 5 | 245 | 23 | 279 | 30 | 310 | 13 | 335 | 59 | 358 | 33 |
| 29 | 212 | 13 | 246 | 32 | 280 | 36 | 311 | 10 | 336 | 46 | 359 | 17 |
| 30 | 213 | 21 | 247 | 42 | 281 | 42 | 312 | 6 | 337 | 33 | 360 | 0 |

) B 4

Tabula Ascensionum Obliquarum

| S | γ | | δ | | π | | ε | | Ω | | np | |
|----|----|----|----|----|----|----|-----|----|-----|----|-----|----|
| | S | m | S | m | S | m | S | m | S | m | S | m |
| 0 | 0 | 0 | 22 | 12 | 47 | 28 | 77 | 45 | 111 | 52 | 146 | 24 |
| 1 | 0 | 43 | 22 | 59 | 48 | 24 | 78 | 51 | 113 | 2 | 147 | 32 |
| 2 | 1 | 26 | 23 | 6 | 49 | 20 | 79 | 57 | 114 | 12 | 148 | 40 |
| 3 | 2 | 10 | 24 | 33 | 50 | 16 | 81 | 5 | 115 | 21 | 149 | 48 |
| 4 | 2 | 53 | 25 | 20 | 51 | 12 | 82 | 9 | 116 | 31 | 150 | 56 |
| 5 | 3 | 37 | 26 | 7 | 52 | 9 | 83 | 16 | 117 | 40 | 152 | 4 |
| 6 | 4 | 20 | 26 | 55 | 53 | 6 | 84 | 23 | 118 | 50 | 153 | 12 |
| 7 | 5 | 4 | 27 | 43 | 54 | 4 | 85 | 30 | 119 | 59 | 154 | 20 |
| 8 | 5 | 47 | 28 | 31 | 55 | 2 | 86 | 37 | 121 | 9 | 155 | 27 |
| 9 | 6 | 31 | 29 | 20 | 56 | 0 | 87 | 44 | 122 | 18 | 156 | 35 |
| 10 | 7 | 15 | 30 | 9 | 56 | 59 | 88 | 52 | 123 | 27 | 157 | 42 |
| 11 | 7 | 58 | 30 | 58 | 57 | 58 | 90 | 0 | 124 | 37 | 158 | 50 |
| 12 | 8 | 42 | 31 | 47 | 58 | 58 | 91 | 8 | 125 | 47 | 159 | 57 |
| 13 | 9 | 26 | 32 | 37 | 59 | 58 | 92 | 16 | 126 | 56 | 161 | 4 |
| 14 | 10 | 10 | 33 | 27 | 60 | 58 | 93 | 24 | 128 | 6 | 162 | 11 |
| 15 | 10 | 54 | 34 | 17 | 61 | 58 | 94 | 32 | 129 | 15 | 163 | 18 |
| 16 | 11 | 38 | 35 | 8 | 62 | 59 | 95 | 41 | 130 | 24 | 164 | 25 |
| 17 | 12 | 22 | 35 | 59 | 64 | 0 | 96 | 50 | 131 | 33 | 165 | 32 |
| 18 | 13 | 6 | 36 | 50 | 65 | 2 | 97 | 59 | 132 | 42 | 166 | 39 |
| 19 | 13 | 51 | 37 | 41 | 66 | 4 | 99 | 8 | 133 | 51 | 167 | 46 |
| 20 | 14 | 36 | 38 | 33 | 67 | 6 | 100 | 17 | 134 | 59 | 168 | 53 |
| 21 | 15 | 21 | 39 | 25 | 68 | 9 | 101 | 26 | 136 | 8 | 170 | 0 |
| 22 | 16 | 6 | 40 | 17 | 69 | 12 | 102 | 35 | 137 | 17 | 171 | 7 |
| 23 | 16 | 51 | 41 | 10 | 70 | 15 | 103 | 44 | 138 | 26 | 172 | 14 |
| 24 | 17 | 36 | 42 | 3 | 71 | 18 | 104 | 53 | 139 | 35 | 173 | 21 |
| 25 | 18 | 22 | 42 | 56 | 72 | 22 | 106 | 3 | 140 | 42 | 174 | 27 |
| 26 | 19 | 8 | 43 | 50 | 73 | 26 | 107 | 12 | 141 | 52 | 175 | 34 |
| 27 | 19 | 54 | 44 | 44 | 74 | 30 | 108 | 22 | 143 | 0 | 176 | 41 |
| 28 | 20 | 40 | 45 | 38 | 75 | 35 | 109 | 32 | 144 | 8 | 177 | 47 |
| 29 | 21 | 26 | 46 | 33 | 76 | 40 | 110 | 42 | 145 | 16 | 178 | 54 |
| 30 | 22 | 12 | 47 | 28 | 77 | 45 | 111 | 52 | 146 | 24 | 180 | 0 |

Ad latitudinem .26. Graduum

| S | Q | | M | | F | | S | | M | | X | |
|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|
| | S | m | S | m | S | m | S | m | S | m | S | m |
| 0 | 180 | 0 | 213 | 36 | 248 | 8 | 282 | 15 | 312 | 32 | 337 | 48 |
| 1 | 181 | 6 | 214 | 44 | 249 | 18 | 283 | 20 | 313 | 27 | 338 | 34 |
| 2 | 182 | 13 | 215 | 52 | 250 | 28 | 284 | 25 | 314 | 22 | 339 | 20 |
| 3 | 183 | 19 | 217 | 0 | 251 | 38 | 285 | 30 | 315 | 16 | 340 | 6 |
| 4 | 184 | 26 | 218 | 8 | 252 | 48 | 286 | 34 | 316 | 10 | 340 | 52 |
| 5 | 185 | 33 | 219 | 17 | 253 | 57 | 287 | 38 | 317 | 4 | 341 | 38 |
| 6 | 186 | 39 | 220 | 25 | 255 | 7 | 288 | 42 | 317 | 57 | 342 | 24 |
| 7 | 187 | 46 | 221 | 34 | 256 | 16 | 289 | 45 | 318 | 50 | 343 | 9 |
| 8 | 188 | 53 | 222 | 43 | 257 | 15 | 290 | 48 | 319 | 43 | 343 | 54 |
| 9 | 190 | 0 | 223 | 52 | 258 | 34 | 291 | 51 | 320 | 35 | 344 | 39 |
| 10 | 191 | 7 | 225 | 1 | 259 | 43 | 292 | 54 | 321 | 27 | 345 | 24 |
| 11 | 192 | 14 | 226 | 9 | 260 | 52 | 293 | 56 | 322 | 19 | 346 | 9 |
| 12 | 193 | 21 | 227 | 18 | 262 | 1 | 294 | 58 | 323 | 10 | 346 | 54 |
| 13 | 194 | 28 | 228 | 27 | 263 | 10 | 296 | 0 | 324 | 1 | 347 | 38 |
| 14 | 195 | 35 | 229 | 36 | 264 | 19 | 297 | 1 | 324 | 52 | 348 | 22 |
| 15 | 196 | 42 | 230 | 45 | 265 | 28 | 298 | 2 | 325 | 43 | 349 | 6 |
| 16 | 197 | 49 | 231 | 54 | 266 | 36 | 299 | 2 | 326 | 33 | 349 | 50 |
| 17 | 198 | 58 | 233 | 4 | 267 | 44 | 300 | 2 | 327 | 23 | 350 | 34 |
| 18 | 200 | 3 | 234 | 13 | 268 | 52 | 301 | 2 | 328 | 13 | 351 | 18 |
| 19 | 201 | 10 | 235 | 23 | 270 | 0 | 302 | 2 | 329 | 2 | 352 | 2 |
| 20 | 202 | 18 | 236 | 33 | 271 | 8 | 303 | 1 | 329 | 51 | 352 | 45 |
| 21 | 203 | 25 | 237 | 42 | 272 | 16 | 304 | 0 | 330 | 40 | 353 | 29 |
| 22 | 204 | 33 | 238 | 51 | 273 | 23 | 304 | 58 | 331 | 29 | 354 | 13 |
| 23 | 205 | 40 | 240 | 1 | 274 | 30 | 305 | 58 | 332 | 17 | 354 | 56 |
| 24 | 206 | 48 | 241 | 10 | 275 | 37 | 306 | 54 | 333 | 5 | 355 | 40 |
| 25 | 207 | 56 | 242 | 20 | 276 | 44 | 307 | 51 | 333 | 53 | 356 | 23 |
| 26 | 209 | 4 | 243 | 29 | 277 | 51 | 308 | 48 | 334 | 40 | 357 | 7 |
| 27 | 210 | 12 | 244 | 39 | 278 | 57 | 309 | 44 | 335 | 27 | 357 | 50 |
| 28 | 211 | 20 | 245 | 48 | 280 | 3 | 310 | 40 | 336 | 14 | 358 | 34 |
| 29 | 212 | 28 | 246 | 58 | 281 | 9 | 311 | 36 | 337 | 1 | 359 | 17 |
| 30 | 213 | 36 | 248 | 8 | 282 | 15 | 312 | 32 | 337 | 48 | 360 | 0 |

Tabula Ascensionum Obliquarum.

| δ | γ | | ϛ | | π | | ε | | Ω | | ιπ | |
|----|----|----|----|----|----|----|-----|----|-----|----|-----|----|
| | δ | m | δ | m | δ | m | δ | m | δ | m | δ | m |
| 0 | 0 | 0 | 21 | 57 | 47 | 0 | 77 | 12 | 111 | 24 | 146 | 9 |
| 1 | 0 | 42 | 22 | 43 | 47 | 55 | 78 | 18 | 112 | 34 | 147 | 18 |
| 2 | 1 | 25 | 23 | 29 | 48 | 51 | 79 | 24 | 113 | 44 | 148 | 26 |
| 3 | 2 | 8 | 24 | 16 | 49 | 47 | 80 | 30 | 114 | 54 | 149 | 35 |
| 4 | 2 | 51 | 25 | 3 | 50 | 43 | 81 | 36 | 116 | 4 | 150 | 43 |
| 5 | 3 | 34 | 25 | 50 | 51 | 40 | 82 | 43 | 117 | 13 | 151 | 51 |
| 6 | 4 | 17 | 26 | 37 | 52 | 37 | 83 | 50 | 118 | 23 | 153 | 0 |
| 7 | 5 | 0 | 27 | 25 | 53 | 34 | 84 | 57 | 119 | 33 | 154 | 8 |
| 8 | 5 | 43 | 28 | 13 | 54 | 32 | 86 | 4 | 120 | 43 | 155 | 16 |
| 9 | 6 | 26 | 29 | 1 | 55 | 30 | 87 | 11 | 121 | 53 | 156 | 24 |
| 10 | 7 | 9 | 29 | 49 | 56 | 28 | 88 | 19 | 123 | 3 | 157 | 32 |
| 11 | 7 | 52 | 30 | 37 | 57 | 27 | 89 | 27 | 124 | 13 | 158 | 40 |
| 12 | 8 | 35 | 31 | 26 | 58 | 26 | 90 | 35 | 125 | 23 | 159 | 48 |
| 13 | 9 | 19 | 32 | 15 | 59 | 26 | 91 | 43 | 126 | 33 | 160 | 55 |
| 14 | 10 | 2 | 33 | 4 | 60 | 26 | 92 | 51 | 127 | 42 | 162 | 3 |
| 15 | 10 | 46 | 33 | 54 | 61 | 26 | 94 | 0 | 128 | 52 | 163 | 10 |
| 16 | 11 | 30 | 34 | 44 | 62 | 27 | 95 | 9 | 130 | 2 | 164 | 18 |
| 17 | 12 | 14 | 35 | 35 | 63 | 28 | 96 | 18 | 131 | 11 | 165 | 25 |
| 18 | 12 | 58 | 36 | 26 | 64 | 29 | 97 | 27 | 132 | 21 | 166 | 33 |
| 19 | 13 | 42 | 37 | 17 | 65 | 31 | 98 | 36 | 133 | 30 | 167 | 40 |
| 20 | 14 | 26 | 38 | 9 | 66 | 33 | 99 | 46 | 134 | 39 | 168 | 47 |
| 21 | 15 | 10 | 39 | 1 | 67 | 36 | 100 | 54 | 135 | 49 | 169 | 55 |
| 22 | 15 | 54 | 39 | 53 | 68 | 39 | 102 | 5 | 136 | 58 | 171 | 2 |
| 23 | 16 | 39 | 40 | 45 | 69 | 42 | 103 | 14 | 138 | 8 | 172 | 10 |
| 24 | 17 | 24 | 41 | 37 | 70 | 45 | 104 | 24 | 139 | 17 | 173 | 17 |
| 25 | 18 | 9 | 42 | 29 | 71 | 49 | 105 | 44 | 140 | 26 | 174 | 24 |
| 26 | 18 | 54 | 43 | 22 | 72 | 53 | 106 | 44 | 141 | 35 | 175 | 32 |
| 27 | 19 | 39 | 44 | 16 | 73 | 57 | 107 | 54 | 142 | 44 | 176 | 39 |
| 28 | 20 | 25 | 45 | 10 | 75 | 2 | 109 | 4 | 143 | 52 | 177 | 46 |
| 29 | 21 | 11 | 46 | 5 | 76 | 7 | 110 | 14 | 145 | 1 | 178 | 53 |
| 30 | 21 | 57 | 47 | 0 | 77 | 12 | 111 | 24 | 146 | 9 | 180 | 0 |

Ad latitudinem .27. Graduum.

| h | s | | m | | f | | o | | m | | x | |
|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|
| | B | m | B | m | B | m | B | m | B | m | B | m |
| 0 | 180 | 0 | 213 | 51 | 248 | 36 | 282 | 48 | 313 | 0 | 338 | 3 |
| 1 | 181 | 7 | 214 | 59 | 249 | 46 | 283 | 53 | 313 | 55 | 338 | 49 |
| 2 | 182 | 14 | 216 | 8 | 250 | 56 | 284 | 58 | 314 | 50 | 339 | 35 |
| 3 | 183 | 21 | 217 | 16 | 252 | 6 | 286 | 3 | 315 | 44 | 340 | 21 |
| 4 | 184 | 28 | 218 | 25 | 253 | 16 | 287 | 7 | 316 | 38 | 341 | 6 |
| 5 | 185 | 36 | 219 | 34 | 254 | 26 | 288 | 11 | 317 | 31 | 341 | 51 |
| 6 | 186 | 43 | 220 | 43 | 255 | 36 | 289 | 15 | 318 | 23 | 342 | 36 |
| 7 | 187 | 50 | 221 | 52 | 256 | 46 | 290 | 18 | 319 | 15 | 343 | 21 |
| 8 | 188 | 58 | 223 | 2 | 257 | 55 | 291 | 21 | 320 | 7 | 344 | 6 |
| 9 | 190 | 5 | 224 | 11 | 259 | 5 | 292 | 24 | 320 | 59 | 344 | 50 |
| 10 | 191 | 13 | 225 | 21 | 260 | 14 | 293 | 27 | 321 | 51 | 345 | 34 |
| 11 | 192 | 20 | 226 | 30 | 261 | 24 | 294 | 29 | 322 | 43 | 346 | 18 |
| 12 | 193 | 27 | 227 | 39 | 262 | 33 | 295 | 31 | 323 | 34 | 347 | 2 |
| 13 | 194 | 35 | 228 | 49 | 263 | 42 | 296 | 32 | 324 | 25 | 347 | 46 |
| 14 | 195 | 42 | 229 | 58 | 264 | 51 | 297 | 33 | 325 | 16 | 348 | 30 |
| 15 | 196 | 50 | 231 | 8 | 266 | 0 | 298 | 34 | 326 | 6 | 349 | 14 |
| 16 | 197 | 57 | 232 | 17 | 267 | 9 | 299 | 34 | 326 | 58 | 349 | 58 |
| 17 | 199 | 5 | 233 | 27 | 268 | 17 | 300 | 34 | 327 | 45 | 350 | 41 |
| 18 | 200 | 12 | 234 | 37 | 269 | 25 | 301 | 34 | 328 | 34 | 351 | 25 |
| 19 | 201 | 20 | 235 | 47 | 270 | 33 | 302 | 33 | 329 | 23 | 352 | 8 |
| 20 | 202 | 28 | 236 | 57 | 271 | 41 | 303 | 32 | 330 | 11 | 352 | 51 |
| 21 | 203 | 36 | 238 | 7 | 272 | 49 | 304 | 30 | 330 | 59 | 353 | 34 |
| 22 | 204 | 44 | 239 | 17 | 273 | 56 | 305 | 28 | 331 | 47 | 354 | 17 |
| 23 | 205 | 52 | 240 | 27 | 275 | 3 | 306 | 26 | 332 | 35 | 355 | 0 |
| 24 | 207 | 0 | 241 | 37 | 276 | 10 | 307 | 23 | 333 | 23 | 355 | 43 |
| 25 | 208 | 9 | 242 | 47 | 277 | 17 | 308 | 20 | 334 | 10 | 356 | 26 |
| 26 | 209 | 17 | 243 | 56 | 278 | 24 | 309 | 17 | 334 | 57 | 357 | 9 |
| 27 | 210 | 25 | 245 | 6 | 279 | 30 | 310 | 13 | 335 | 44 | 357 | 52 |
| 28 | 211 | 34 | 246 | 16 | 280 | 36 | 311 | 9 | 336 | 31 | 358 | 35 |
| 29 | 212 | 42 | 247 | 26 | 281 | 42 | 312 | 5 | 337 | 17 | 359 | 18 |
| 30 | 213 | 51 | 248 | 36 | 282 | 48 | 313 | 0 | 338 | 3 | 360 | 0 |

Tabula Ascensionum Obliquarum

| | Υ | Ϟ | Π | ♄ | ♅ | ♆ | ♁ |
|----|-------|-------|-------|--------|--------|--------|-----|
| ♁ | ♁ m | ♁ m | ♁ m | ♁ m | ♁ m | ♁ m | ♁ m |
| 0 | 0 0 | 21 41 | 46 31 | 76 38 | 110 55 | 145 53 | |
| 1 | 0 42 | 22 27 | 47 26 | 77 44 | 112 6 | 147 2 | |
| 2 | 1 24 | 23 13 | 48 21 | 78 50 | 113 16 | 148 11 | |
| 3 | 2 6 | 23 59 | 49 17 | 79 56 | 114 27 | 149 20 | |
| 4 | 2 48 | 24 45 | 50 13 | 81 2 | 115 37 | 150 29 | |
| 5 | 3 31 | 25 31 | 51 9 | 82 9 | 116 47 | 151 38 | |
| 6 | 4 13 | 26 18 | 52 6 | 83 16 | 117 58 | 152 47 | |
| 7 | 4 56 | 27 5 | 53 3 | 84 23 | 119 8 | 153 56 | |
| 8 | 5 38 | 27 53 | 54 0 | 85 31 | 120 18 | 155 4 | |
| 9 | 6 21 | 28 41 | 54 58 | 86 38 | 121 28 | 156 13 | |
| 10 | 7 4 | 29 29 | 55 56 | 87 46 | 122 38 | 157 21 | |
| 11 | 7 46 | 30 17 | 56 55 | 88 54 | 123 49 | 158 30 | |
| 12 | 8 29 | 31 5 | 57 54 | 90 2 | 124 59 | 159 38 | |
| 13 | 9 12 | 31 54 | 58 54 | 91 11 | 126 10 | 160 46 | |
| 14 | 9 55 | 32 43 | 59 54 | 92 19 | 127 20 | 161 54 | |
| 15 | 10 38 | 33 32 | 60 54 | 93 28 | 128 30 | 163 2 | |
| 16 | 11 21 | 34 22 | 61 55 | 94 37 | 129 40 | 164 10 | |
| 17 | 12 4 | 35 12 | 62 56 | 95 46 | 130 50 | 165 18 | |
| 18 | 12 48 | 36 2 | 63 57 | 96 55 | 132 0 | 166 26 | |
| 19 | 13 31 | 36 53 | 64 58 | 98 4 | 133 10 | 167 34 | |
| 20 | 14 15 | 37 44 | 66 0 | 99 14 | 134 19 | 168 42 | |
| 21 | 14 59 | 38 35 | 67 2 | 100 23 | 135 29 | 169 50 | |
| 22 | 15 43 | 39 27 | 68 5 | 101 33 | 136 39 | 170 58 | |
| 23 | 16 27 | 40 19 | 69 8 | 102 43 | 137 48 | 172 6 | |
| 24 | 17 11 | 41 11 | 70 11 | 103 53 | 138 58 | 173 14 | |
| 25 | 17 56 | 42 3 | 71 15 | 105 3 | 140 7 | 174 21 | |
| 26 | 18 41 | 42 56 | 72 19 | 106 13 | 141 17 | 175 29 | |
| 27 | 19 26 | 43 49 | 73 23 | 107 23 | 142 26 | 176 37 | |
| 28 | 20 11 | 44 43 | 74 28 | 108 34 | 143 35 | 177 45 | |
| 29 | 20 58 | 45 37 | 75 33 | 109 44 | 144 44 | 178 53 | |
| 30 | 21 41 | 46 31 | 76 38 | 110 55 | 145 53 | 180 0 | |

Ed latitudinem .28. Graduum

| D | E | | M | | F | | S | | M | | K | |
|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|
| | D | m | D | m | D | m | D | m | D | m | D | m |
| 0 | 180 | 0 | 214 | 7 | 249 | 5 | 283 | 22 | 313 | 29 | 338 | 19 |
| 1 | 181 | 7 | 215 | 16 | 250 | 16 | 284 | 27 | 314 | 23 | 339 | 4 |
| 2 | 182 | 15 | 216 | 25 | 251 | 26 | 285 | 32 | 315 | 17 | 339 | 49 |
| 3 | 183 | 23 | 217 | 34 | 252 | 37 | 286 | 36 | 316 | 11 | 340 | 34 |
| 4 | 184 | 31 | 218 | 43 | 253 | 47 | 287 | 41 | 317 | 4 | 341 | 19 |
| 5 | 185 | 39 | 219 | 53 | 254 | 57 | 288 | 45 | 317 | 57 | 342 | 4 |
| 6 | 186 | 46 | 221 | 2 | 256 | 7 | 289 | 49 | 318 | 49 | 342 | 49 |
| 7 | 187 | 54 | 222 | 12 | 257 | 17 | 290 | 52 | 319 | 42 | 343 | 33 |
| 8 | 189 | 2 | 223 | 21 | 258 | 27 | 291 | 55 | 320 | 33 | 344 | 17 |
| 9 | 190 | 10 | 224 | 31 | 259 | 37 | 292 | 58 | 321 | 25 | 345 | 1 |
| 10 | 191 | 18 | 225 | 41 | 260 | 46 | 294 | 0 | 322 | 16 | 345 | 45 |
| 11 | 192 | 25 | 226 | 50 | 261 | 56 | 295 | 2 | 323 | 7 | 346 | 29 |
| 12 | 193 | 34 | 228 | 0 | 263 | 3 | 296 | 3 | 323 | 58 | 347 | 12 |
| 13 | 194 | 42 | 229 | 10 | 264 | 14 | 297 | 4 | 324 | 48 | 347 | 56 |
| 14 | 195 | 50 | 230 | 20 | 265 | 23 | 298 | 5 | 324 | 38 | 348 | 39 |
| 15 | 196 | 58 | 231 | 30 | 266 | 32 | 299 | 6 | 326 | 28 | 349 | 22 |
| 16 | 198 | 6 | 232 | 40 | 267 | 41 | 300 | 6 | 327 | 18 | 350 | 5 |
| 17 | 199 | 14 | 233 | 50 | 268 | 49 | 301 | 6 | 328 | 6 | 350 | 48 |
| 18 | 200 | 22 | 235 | 1 | 269 | 58 | 302 | 6 | 328 | 55 | 351 | 31 |
| 19 | 201 | 30 | 236 | 11 | 271 | 6 | 303 | 5 | 329 | 43 | 352 | 14 |
| 20 | 202 | 39 | 237 | 22 | 272 | 14 | 304 | 4 | 330 | 31 | 352 | 56 |
| 21 | 203 | 47 | 238 | 32 | 273 | 22 | 305 | 2 | 331 | 19 | 353 | 39 |
| 22 | 204 | 56 | 239 | 42 | 274 | 29 | 306 | 0 | 332 | 7 | 354 | 22 |
| 23 | 206 | 4 | 240 | 52 | 275 | 37 | 306 | 57 | 332 | 55 | 355 | 4 |
| 24 | 206 | 13 | 242 | 2 | 276 | 44 | 307 | 54 | 333 | 42 | 355 | 47 |
| 25 | 208 | 22 | 243 | 13 | 277 | 51 | 308 | 51 | 334 | 40 | 356 | 29 |
| 26 | 209 | 31 | 244 | 23 | 278 | 58 | 309 | 47 | 335 | 15 | 357 | 12 |
| 27 | 210 | 40 | 245 | 33 | 280 | 4 | 310 | 43 | 336 | 1 | 357 | 54 |
| 28 | 211 | 49 | 246 | 44 | 281 | 10 | 311 | 39 | 336 | 47 | 358 | 37 |
| 29 | 212 | 58 | 247 | 54 | 282 | 16 | 312 | 34 | 337 | 33 | 359 | 18 |
| 30 | 214 | 7 | 249 | 5 | 283 | 22 | 313 | 29 | 338 | 19 | 360 | 0 |

Tabula Ascensionum Obliquarum.

| S | γ | | δ | | ε | | ζ | | η | | ιπ | |
|----|----|----|----|----|----|----|-----|----|-----|----|-----|----|
| | S | m | S | m | S | m | S | m | S | m | S | m |
| 0 | 0 | 0 | 21 | 25 | 46 | 2 | 76 | 3 | 110 | 26 | 145 | 37 |
| 1 | 0 | 41 | 22 | 10 | 46 | 57 | 77 | 9 | 111 | 37 | 146 | 47 |
| 2 | 1 | 23 | 22 | 55 | 47 | 52 | 78 | 15 | 112 | 48 | 147 | 57 |
| 3 | 2 | 5 | 23 | 41 | 48 | 47 | 79 | 21 | 113 | 58 | 149 | 6 |
| 4 | 2 | 47 | 24 | 27 | 49 | 43 | 80 | 27 | 115 | 9 | 150 | 16 |
| 5 | 3 | 29 | 25 | 13 | 50 | 39 | 81 | 34 | 116 | 19 | 151 | 25 |
| 6 | 4 | 11 | 26 | 0 | 51 | 35 | 82 | 41 | 117 | 30 | 152 | 34 |
| 7 | 4 | 53 | 26 | 47 | 52 | 32 | 83 | 49 | 118 | 41 | 153 | 43 |
| 8 | 5 | 35 | 27 | 34 | 53 | 29 | 84 | 56 | 119 | 51 | 154 | 52 |
| 9 | 6 | 17 | 28 | 21 | 54 | 26 | 86 | 4 | 121 | 2 | 156 | 1 |
| 10 | 6 | 59 | 29 | 8 | 55 | 24 | 87 | 12 | 122 | 12 | 157 | 10 |
| 11 | 7 | 41 | 29 | 55 | 56 | 22 | 88 | 20 | 123 | 23 | 158 | 19 |
| 12 | 8 | 23 | 30 | 43 | 57 | 21 | 89 | 28 | 124 | 36 | 159 | 28 |
| 13 | 9 | 5 | 31 | 31 | 58 | 20 | 90 | 37 | 125 | 45 | 160 | 37 |
| 14 | 9 | 47 | 32 | 19 | 59 | 20 | 91 | 45 | 126 | 56 | 161 | 46 |
| 15 | 10 | 30 | 33 | 8 | 60 | 20 | 92 | 54 | 128 | 6 | 162 | 54 |
| 16 | 11 | 12 | 33 | 57 | 61 | 20 | 94 | 3 | 129 | 17 | 164 | 3 |
| 17 | 11 | 55 | 34 | 47 | 62 | 21 | 95 | 13 | 130 | 27 | 165 | 12 |
| 18 | 12 | 38 | 35 | 37 | 63 | 22 | 96 | 22 | 131 | 38 | 166 | 20 |
| 19 | 13 | 21 | 36 | 27 | 64 | 24 | 97 | 32 | 132 | 48 | 167 | 29 |
| 20 | 14 | 4 | 37 | 18 | 65 | 26 | 98 | 42 | 133 | 58 | 168 | 37 |
| 21 | 14 | 47 | 38 | 9 | 66 | 28 | 99 | 52 | 135 | 9 | 169 | 46 |
| 22 | 15 | 31 | 39 | 0 | 67 | 31 | 101 | 2 | 136 | 19 | 170 | 54 |
| 23 | 16 | 15 | 39 | 51 | 68 | 34 | 102 | 12 | 137 | 29 | 172 | 3 |
| 24 | 16 | 59 | 40 | 43 | 69 | 37 | 103 | 22 | 138 | 39 | 173 | 11 |
| 25 | 17 | 43 | 41 | 35 | 70 | 40 | 104 | 32 | 139 | 49 | 174 | 19 |
| 26 | 18 | 27 | 42 | 28 | 71 | 44 | 105 | 43 | 140 | 59 | 175 | 28 |
| 27 | 19 | 11 | 43 | 21 | 72 | 48 | 106 | 54 | 142 | 9 | 176 | 36 |
| 28 | 19 | 56 | 44 | 14 | 73 | 53 | 108 | 4 | 143 | 18 | 177 | 44 |
| 29 | 20 | 40 | 45 | 8 | 74 | 58 | 109 | 15 | 144 | 28 | 178 | 52 |
| 30 | 21 | 25 | 46 | 2 | 76 | 3 | 110 | 26 | 145 | 37 | 180 | 0 |

Ad latitudinem .29. Graduum.

| h | ☾ | | ♍ | | ♎ | | ♏ | | ♐ | | ♑ | |
|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|
| | h | m | h | m | h | m | h | m | h | m | h | m |
| 0 | 180 | 0 | 214 | 23 | 249 | 34 | 283 | 57 | 313 | 58 | 338 | 35 |
| 1 | 181 | 8 | 215 | 32 | 250 | 45 | 285 | 2 | 314 | 52 | 339 | 20 |
| 2 | 182 | 16 | 216 | 42 | 251 | 56 | 286 | 7 | 315 | 46 | 340 | 4 |
| 3 | 183 | 24 | 217 | 51 | 253 | 6 | 287 | 12 | 316 | 39 | 340 | 49 |
| 4 | 184 | 32 | 219 | 1 | 254 | 17 | 288 | 16 | 317 | 32 | 341 | 23 |
| 5 | 185 | 41 | 220 | 11 | 255 | 27 | 289 | 20 | 318 | 25 | 342 | 17 |
| 6 | 186 | 49 | 221 | 21 | 256 | 38 | 290 | 23 | 319 | 17 | 343 | 1 |
| 7 | 187 | 57 | 222 | 31 | 257 | 48 | 291 | 26 | 320 | 0 | 343 | 45 |
| 8 | 189 | 6 | 223 | 41 | 258 | 58 | 292 | 29 | 321 | 0 | 344 | 20 |
| 9 | 190 | 14 | 224 | 51 | 260 | 8 | 293 | 32 | 321 | 51 | 345 | 13 |
| 10 | 191 | 23 | 226 | 2 | 261 | 18 | 294 | 34 | 322 | 42 | 345 | 56 |
| 11 | 192 | 31 | 227 | 12 | 262 | 28 | 295 | 36 | 323 | 33 | 346 | 39 |
| 12 | 193 | 40 | 228 | 22 | 263 | 38 | 296 | 38 | 324 | 23 | 347 | 22 |
| 13 | 194 | 48 | 229 | 33 | 264 | 47 | 297 | 39 | 325 | 13 | 348 | 5 |
| 14 | 195 | 57 | 230 | 43 | 265 | 57 | 298 | 40 | 326 | 3 | 348 | 48 |
| 15 | 197 | 6 | 231 | 54 | 267 | 6 | 299 | 40 | 326 | 52 | 349 | 30 |
| 16 | 198 | 14 | 233 | 4 | 268 | 15 | 300 | 40 | 327 | 41 | 350 | 13 |
| 17 | 199 | 23 | 234 | 15 | 269 | 23 | 301 | 40 | 328 | 29 | 350 | 55 |
| 18 | 200 | 32 | 235 | 26 | 270 | 32 | 302 | 39 | 329 | 17 | 351 | 37 |
| 19 | 201 | 41 | 236 | 37 | 271 | 40 | 303 | 38 | 330 | 5 | 352 | 19 |
| 20 | 202 | 50 | 237 | 48 | 272 | 48 | 304 | 36 | 330 | 52 | 353 | 1 |
| 21 | 203 | 59 | 238 | 58 | 273 | 56 | 305 | 34 | 331 | 39 | 353 | 43 |
| 22 | 205 | 8 | 240 | 9 | 275 | 4 | 306 | 31 | 332 | 26 | 354 | 25 |
| 23 | 206 | 17 | 241 | 19 | 276 | 11 | 307 | 28 | 333 | 13 | 355 | 7 |
| 24 | 207 | 26 | 242 | 30 | 277 | 19 | 308 | 25 | 334 | 0 | 355 | 49 |
| 25 | 208 | 35 | 243 | 41 | 278 | 26 | 309 | 21 | 334 | 47 | 356 | 31 |
| 26 | 209 | 44 | 244 | 51 | 279 | 33 | 310 | 17 | 335 | 33 | 357 | 23 |
| 27 | 210 | 54 | 246 | 2 | 280 | 39 | 311 | 13 | 336 | 19 | 357 | 55 |
| 28 | 212 | 3 | 247 | 12 | 281 | 45 | 312 | 8 | 337 | 5 | 358 | 37 |
| 29 | 213 | 13 | 248 | 23 | 282 | 51 | 313 | 3 | 337 | 50 | 359 | 19 |
| 30 | 214 | 23 | 249 | 34 | 283 | 57 | 313 | 58 | 338 | 35 | 360 | 0 |

Tabula Ascensionum Obliquarum

| h | γ | | δ | | ε | | ζ | | η | | | |
|----|----|----|----|----|----|----|-----|----|-----|----|-----|----|
| | h | m | h | m | h | m | h | m | h | m | | |
| 0 | 0 | 0 | 21 | 9 | 45 | 32 | 75 | 28 | 109 | 56 | 145 | 21 |
| 1 | 0 | 41 | 21 | 54 | 46 | 27 | 76 | 34 | 111 | 7 | 146 | 31 |
| 2 | 1 | 22 | 22 | 39 | 47 | 22 | 77 | 40 | 112 | 18 | 147 | 41 |
| 3 | 2 | 3 | 23 | 24 | 48 | 17 | 78 | 46 | 113 | 29 | 148 | 51 |
| 4 | 2 | 44 | 24 | 9 | 49 | 12 | 79 | 52 | 114 | 40 | 150 | 1 |
| 5 | 3 | 26 | 24 | 54 | 50 | 7 | 80 | 59 | 115 | 51 | 151 | 11 |
| 6 | 4 | 7 | 25 | 50 | 51 | 3 | 82 | 6 | 117 | 2 | 152 | 21 |
| 7 | 4 | 48 | 26 | 27 | 52 | 0 | 83 | 14 | 118 | 13 | 153 | 31 |
| 8 | 5 | 30 | 27 | 13 | 52 | 57 | 84 | 21 | 119 | 24 | 154 | 41 |
| 9 | 6 | 11 | 28 | 0 | 53 | 55 | 85 | 29 | 120 | 35 | 155 | 51 |
| 10 | 6 | 53 | 28 | 47 | 54 | 51 | 86 | 37 | 121 | 47 | 157 | 0 |
| 11 | 7 | 34 | 29 | 34 | 55 | 50 | 87 | 45 | 122 | 58 | 158 | 10 |
| 12 | 8 | 16 | 30 | 22 | 56 | 49 | 88 | 54 | 124 | 9 | 159 | 19 |
| 13 | 8 | 58 | 31 | 9 | 57 | 48 | 90 | 2 | 125 | 21 | 160 | 28 |
| 14 | 9 | 40 | 31 | 57 | 58 | 47 | 91 | 11 | 126 | 32 | 161 | 37 |
| 15 | 10 | 22 | 32 | 45 | 59 | 46 | 92 | 20 | 127 | 43 | 162 | 46 |
| 16 | 11 | 4 | 33 | 34 | 60 | 47 | 93 | 29 | 128 | 54 | 163 | 55 |
| 17 | 11 | 46 | 34 | 24 | 61 | 48 | 94 | 39 | 130 | 5 | 165 | 4 |
| 18 | 12 | 29 | 35 | 13 | 62 | 49 | 95 | 49 | 131 | 16 | 166 | 13 |
| 19 | 13 | 11 | 36 | 3 | 73 | 50 | 96 | 59 | 132 | 27 | 167 | 22 |
| 20 | 13 | 54 | 36 | 53 | 64 | 51 | 98 | 9 | 133 | 37 | 168 | 31 |
| 21 | 14 | 37 | 37 | 43 | 65 | 53 | 99 | 19 | 134 | 48 | 169 | 40 |
| 22 | 15 | 20 | 38 | 34 | 66 | 56 | 100 | 29 | 135 | 59 | 170 | 49 |
| 23 | 16 | 3 | 39 | 25 | 67 | 59 | 101 | 40 | 137 | 9 | 171 | 58 |
| 24 | 16 | 46 | 40 | 16 | 69 | 2 | 102 | 50 | 138 | 20 | 173 | 7 |
| 25 | 17 | 29 | 41 | 7 | 70 | 5 | 104 | 1 | 139 | 30 | 174 | 16 |
| 26 | 18 | 13 | 42 | 0 | 71 | 9 | 105 | 12 | 140 | 41 | 175 | 25 |
| 27 | 18 | 57 | 42 | 53 | 72 | 14 | 106 | 23 | 141 | 51 | 176 | 34 |
| 28 | 19 | 41 | 43 | 46 | 73 | 18 | 107 | 34 | 143 | 1 | 177 | 43 |
| 29 | 20 | 25 | 44 | 39 | 74 | 23 | 108 | 45 | 144 | 11 | 178 | 52 |
| 30 | 21 | 9 | 45 | 32 | 75 | 28 | 109 | 56 | 145 | 21 | 180 | 0 |

Ad latitudinem .30. Graduum

| | ♈ | ♉ | ♊ | ♋ | ♌ | ♍ |
|----|--------|--------|--------|--------|--------|--------|
| h | h m | h m | h m | h m | h m | h m |
| 0 | 180 0 | 214 39 | 250 4 | 284 32 | 314 28 | 338 51 |
| 1 | 181 8 | 215 49 | 251 15 | 285 37 | 315 21 | 339 35 |
| 2 | 182 17 | 216 59 | 252 26 | 286 42 | 316 14 | 340 19 |
| 3 | 183 26 | 218 9 | 253 37 | 287 46 | 317 7 | 341 3 |
| 4 | 184 35 | 219 19 | 254 48 | 288 51 | 318 0 | 341 47 |
| 5 | 185 44 | 220 30 | 255 59 | 289 55 | 318 53 | 342 31 |
| 6 | 186 53 | 221 40 | 257 10 | 290 58 | 319 44 | 343 14 |
| 7 | 188 2 | 222 51 | 258 20 | 292 1 | 320 35 | 343 57 |
| 8 | 189 11 | 224 1 | 259 31 | 293 4 | 321 26 | 344 40 |
| 9 | 190 20 | 225 12 | 260 41 | 294 7 | 322 17 | 345 23 |
| 10 | 191 29 | 226 23 | 261 51 | 295 9 | 323 7 | 346 6 |
| 11 | 192 38 | 227 33 | 263 1 | 296 10 | 323 57 | 346 49 |
| 12 | 193 47 | 228 44 | 264 11 | 297 11 | 324 47 | 347 31 |
| 13 | 194 56 | 229 55 | 265 21 | 298 12 | 325 36 | 348 14 |
| 14 | 196 5 | 231 6 | 266 31 | 299 13 | 326 26 | 348 56 |
| 15 | 197 14 | 232 17 | 267 40 | 300 14 | 327 15 | 349 38 |
| 16 | 198 23 | 233 28 | 268 49 | 301 13 | 328 3 | 350 20 |
| 17 | 199 32 | 234 39 | 269 58 | 302 12 | 328 51 | 351 2 |
| 18 | 200 41 | 235 51 | 271 6 | 303 11 | 329 38 | 351 44 |
| 19 | 201 50 | 237 2 | 272 15 | 304 10 | 330 26 | 352 26 |
| 20 | 203 0 | 238 13 | 273 23 | 305 9 | 331 13 | 353 7 |
| 21 | 204 9 | 239 25 | 274 31 | 306 6 | 332 0 | 353 49 |
| 22 | 205 19 | 240 36 | 275 39 | 307 3 | 332 47 | 354 30 |
| 23 | 206 29 | 241 47 | 276 46 | 308 0 | 333 33 | 355 12 |
| 24 | 207 39 | 242 58 | 277 54 | 308 57 | 334 20 | 355 53 |
| 25 | 208 49 | 244 9 | 279 1 | 309 53 | 335 6 | 356 34 |
| 26 | 209 59 | 245 20 | 280 8 | 310 48 | 335 51 | 357 16 |
| 27 | 211 9 | 246 31 | 281 14 | 311 43 | 336 36 | 357 57 |
| 28 | 212 19 | 247 42 | 282 20 | 312 38 | 337 21 | 358 38 |
| 29 | 213 29 | 248 53 | 283 26 | 313 33 | 338 6 | 359 19 |
| 30 | 214 39 | 250 4 | 284 32 | 314 28 | 338 51 | 360 0 |

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Tabula Ascensionum Obliquarum

| | ♈ | ♉ | ♊ | ♋ | ♌ | ♍ |
|----|-------|-------|-------|--------|--------|--------|
| ♁ | ♁ m | ♁ m | ♁ m | ♁ m | ♁ m | ♁ m |
| 0 | 0 0 | 20 53 | 45 2 | 74 51 | 109 26 | 145 5 |
| 1 | 0 40 | 21 37 | 45 56 | 75 56 | 110 37 | 146 16 |
| 2 | 1 22 | 22 21 | 46 50 | 77 2 | 111 48 | 147 26 |
| 3 | 2 1 | 23 5 | 47 45 | 78 8 | 113 0 | 148 37 |
| 4 | 2 42 | 23 50 | 48 40 | 79 15 | 114 11 | 149 47 |
| 5 | 3 23 | 24 35 | 49 35 | 80 22 | 115 23 | 150 57 |
| 6 | 4 4 | 25 20 | 50 31 | 81 29 | 116 34 | 152 8 |
| 7 | 4 45 | 26 6 | 51 27 | 82 37 | 117 45 | 153 18 |
| 8 | 5 26 | 26 52 | 52 24 | 83 45 | 118 57 | 154 28 |
| 9 | 6 7 | 27 38 | 53 21 | 84 53 | 120 8 | 155 38 |
| 10 | 6 48 | 28 25 | 54 18 | 86 1 | 121 20 | 156 48 |
| 11 | 7 29 | 29 12 | 55 16 | 87 10 | 122 31 | 157 58 |
| 12 | 8 10 | 29 59 | 56 14 | 88 19 | 123 43 | 159 8 |
| 13 | 8 51 | 30 46 | 57 13 | 89 28 | 124 55 | 160 18 |
| 14 | 9 32 | 31 33 | 58 12 | 90 37 | 126 7 | 161 28 |
| 15 | 10 14 | 32 21 | 59 12 | 91 46 | 127 19 | 162 38 |
| 16 | 10 55 | 33 9 | 60 12 | 92 56 | 128 31 | 163 48 |
| 17 | 11 37 | 33 58 | 61 12 | 94 6 | 129 42 | 164 58 |
| 18 | 12 18 | 34 47 | 62 13 | 95 16 | 130 53 | 166 7 |
| 19 | 13 0 | 35 36 | 63 14 | 96 26 | 132 4 | 167 17 |
| 20 | 13 42 | 36 26 | 64 15 | 97 36 | 133 15 | 168 26 |
| 21 | 14 24 | 37 16 | 65 17 | 98 46 | 134 27 | 169 36 |
| 22 | 15 7 | 38 6 | 66 19 | 99 57 | 135 38 | 170 45 |
| 23 | 15 49 | 38 57 | 67 22 | 100 7 | 136 49 | 171 55 |
| 24 | 16 32 | 39 48 | 68 35 | 102 18 | 138 0 | 173 4 |
| 25 | 17 15 | 40 39 | 69 28 | 103 29 | 139 11 | 174 13 |
| 26 | 17 58 | 41 31 | 70 32 | 104 40 | 140 22 | 175 23 |
| 27 | 18 42 | 42 23 | 71 36 | 105 51 | 141 33 | 176 32 |
| 28 | 19 25 | 43 16 | 72 41 | 107 3 | 142 46 | 177 42 |
| 29 | 20 9 | 44 9 | 73 46 | 108 14 | 143 55 | 178 51 |
| 30 | 20 53 | 45 2 | 74 51 | 109 26 | 145 5 | 180 0 |

Ad latitudinem .31. Graduum

| S | ♌ | | ♍ | | ♎ | | ♏ | | ♐ | | ♑ | |
|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|
| | S | m | S | m | S | m | S | m | S | m | S | m |
| 0 | 180 | 0 | 214 | 55 | 250 | 34 | 285 | 9 | 314 | 58 | 339 | 7 |
| 1 | 181 | 9 | 216 | 5 | 251 | 46 | 286 | 14 | 315 | 51 | 339 | 51 |
| 2 | 182 | 18 | 217 | 16 | 252 | 57 | 287 | 19 | 316 | 44 | 340 | 35 |
| 3 | 183 | 28 | 218 | 27 | 254 | 9 | 288 | 24 | 317 | 37 | 341 | 18 |
| 4 | 184 | 37 | 219 | 38 | 255 | 20 | 289 | 28 | 318 | 29 | 342 | 2 |
| 5 | 185 | 47 | 220 | 49 | 256 | 31 | 290 | 32 | 319 | 21 | 342 | 45 |
| 6 | 186 | 56 | 222 | 0 | 257 | 42 | 291 | 35 | 320 | 12 | 343 | 28 |
| 7 | 188 | 5 | 223 | 11 | 258 | 53 | 292 | 38 | 321 | 3 | 344 | 11 |
| 8 | 189 | 15 | 224 | 22 | 260 | 3 | 293 | 41 | 321 | 54 | 344 | 53 |
| 9 | 190 | 24 | 225 | 33 | 261 | 14 | 294 | 43 | 322 | 44 | 345 | 36 |
| 10 | 191 | 34 | 226 | 45 | 262 | 24 | 295 | 45 | 323 | 34 | 346 | 18 |
| 11 | 192 | 43 | 227 | 56 | 263 | 34 | 296 | 46 | 324 | 24 | 347 | 0 |
| 12 | 193 | 53 | 229 | 7 | 264 | 44 | 297 | 47 | 325 | 13 | 347 | 42 |
| 13 | 195 | 2 | 230 | 18 | 265 | 54 | 298 | 48 | 326 | 2 | 348 | 23 |
| 14 | 196 | 12 | 231 | 29 | 267 | 4 | 299 | 48 | 326 | 51 | 349 | 5 |
| 15 | 197 | 22 | 232 | 41 | 268 | 14 | 300 | 48 | 327 | 39 | 349 | 46 |
| 16 | 198 | 32 | 233 | 53 | 269 | 23 | 301 | 48 | 328 | 27 | 350 | 28 |
| 17 | 199 | 42 | 235 | 5 | 270 | 32 | 302 | 47 | 329 | 14 | 351 | 9 |
| 18 | 200 | 52 | 236 | 17 | 271 | 41 | 303 | 46 | 330 | 1 | 351 | 50 |
| 19 | 202 | 2 | 237 | 29 | 272 | 50 | 304 | 44 | 330 | 48 | 352 | 31 |
| 20 | 203 | 12 | 238 | 40 | 273 | 59 | 305 | 42 | 331 | 35 | 353 | 12 |
| 21 | 204 | 22 | 239 | 52 | 275 | 7 | 306 | 39 | 332 | 22 | 353 | 53 |
| 22 | 205 | 32 | 241 | 3 | 276 | 15 | 307 | 36 | 333 | 8 | 354 | 34 |
| 23 | 206 | 42 | 242 | 15 | 277 | 23 | 308 | 33 | 333 | 54 | 355 | 15 |
| 24 | 207 | 52 | 243 | 26 | 278 | 31 | 309 | 29 | 334 | 40 | 355 | 56 |
| 25 | 209 | 3 | 244 | 37 | 279 | 38 | 310 | 25 | 335 | 25 | 356 | 37 |
| 26 | 210 | 13 | 245 | 49 | 280 | 45 | 311 | 20 | 336 | 10 | 357 | 18 |
| 27 | 211 | 23 | 247 | 0 | 281 | 52 | 312 | 15 | 336 | 55 | 357 | 59 |
| 28 | 212 | 34 | 248 | 12 | 282 | 58 | 313 | 10 | 337 | 39 | 358 | 39 |
| 29 | 213 | 44 | 249 | 23 | 284 | 4 | 314 | 4 | 338 | 23 | 359 | 20 |
| 30 | 214 | 45 | 250 | 34 | 285 | 9 | 314 | 58 | 339 | 7 | 360 | 0 |

) D 2

Tabula Ascensionum Obliquarum

| | γ | δ | ι | ε | ζ | η |
|----|-------|-------|-------|--------|--------|--------|
| δ | δ m | δ m | δ m | δ m | δ m | δ m |
| 0 | 0 0 | 20 39 | 44 31 | 74 14 | 108 55 | 144 48 |
| 1 | 0 40 | 21 20 | 45 25 | 75 19 | 110 6 | 145 59 |
| 2 | 1 20 | 22 4 | 46 19 | 76 25 | 111 18 | 147 10 |
| 3 | 2 0 | 22 48 | 47 13 | 77 31 | 112 30 | 148 21 |
| 4 | 2 40 | 23 32 | 48 7 | 78 38 | 113 42 | 149 32 |
| 5 | 3 20 | 24 16 | 49 2 | 79 45 | 114 54 | 150 43 |
| 6 | 4 0 | 25 1 | 49 58 | 80 53 | 116 5 | 151 54 |
| 7 | 4 40 | 25 46 | 50 54 | 82 1 | 117 17 | 153 5 |
| 8 | 5 21 | 26 37 | 51 50 | 83 9 | 118 29 | 154 16 |
| 9 | 6 1 | 27 17 | 52 46 | 84 17 | 119 41 | 155 27 |
| 10 | 6 42 | 28 3 | 53 43 | 85 25 | 120 53 | 156 37 |
| 11 | 7 22 | 28 49 | 54 40 | 86 34 | 122 5 | 157 48 |
| 12 | 8 3 | 29 36 | 55 38 | 87 43 | 123 17 | 148 58 |
| 13 | 8 43 | 30 22 | 56 37 | 88 52 | 124 30 | 160 9 |
| 14 | 9 24 | 31 9 | 57 36 | 90 1 | 125 42 | 161 19 |
| 15 | 10 5 | 31 56 | 58 36 | 91 10 | 126 54 | 162 29 |
| 16 | 10 46 | 32 44 | 59 36 | 92 20 | 128 6 | 163 40 |
| 17 | 11 27 | 33 33 | 60 36 | 93 30 | 129 18 | 164 50 |
| 18 | 12 8 | 34 31 | 61 37 | 94 40 | 130 30 | 166 0 |
| 19 | 12 49 | 35 10 | 62 38 | 95 50 | 131 42 | 167 10 |
| 20 | 13 31 | 35 59 | 63 39 | 97 1 | 132 53 | 168 20 |
| 21 | 14 13 | 36 49 | 64 41 | 98 12 | 134 5 | 169 30 |
| 22 | 14 55 | 37 39 | 65 43 | 99 23 | 135 17 | 170 40 |
| 23 | 15 37 | 38 29 | 66 45 | 100 34 | 136 29 | 171 50 |
| 24 | 16 19 | 39 19 | 67 48 | 101 45 | 137 41 | 173 0 |
| 25 | 17 1 | 40 10 | 68 51 | 102 56 | 138 52 | 174 10 |
| 26 | 17 44 | 41 2 | 69 55 | 104 7 | 140 4 | 175 20 |
| 27 | 18 27 | 41 54 | 70 59 | 105 19 | 141 15 | 176 30 |
| 28 | 19 10 | 42 46 | 72 4 | 106 31 | 142 26 | 177 40 |
| 29 | 19 53 | 43 38 | 73 9 | 107 43 | 143 37 | 178 50 |
| 30 | 20 36 | 44 31 | 74 14 | 108 55 | 144 48 | 180 0 |

Latitudinem .32. Gradum

| | ♈ | | ♉ | | ♊ | | ♋ | | ♌ | |
|----|-----|----|-----|----|-----|----|-----|----|-----|----|
| h | h | m | h | m | h | m | h | m | h | m |
| 0 | 180 | 0 | 215 | 12 | 251 | 5 | 285 | 46 | 315 | 29 |
| 1 | 181 | 10 | 216 | 23 | 252 | 17 | 286 | 51 | 316 | 22 |
| 2 | 182 | 20 | 217 | 34 | 253 | 29 | 287 | 56 | 317 | 14 |
| 3 | 183 | 30 | 218 | 45 | 254 | 41 | 289 | 1 | 318 | 8 |
| 4 | 184 | 40 | 219 | 56 | 255 | 53 | 290 | 5 | 318 | 58 |
| 5 | 185 | 50 | 221 | 8 | 257 | 4 | 291 | 9 | 319 | 50 |
| 6 | 187 | 0 | 222 | 19 | 258 | 15 | 292 | 12 | 320 | 41 |
| 7 | 188 | 10 | 223 | 31 | 259 | 26 | 293 | 15 | 321 | 31 |
| 8 | 189 | 20 | 224 | 43 | 260 | 37 | 294 | 17 | 322 | 21 |
| 9 | 190 | 30 | 225 | 55 | 261 | 48 | 295 | 19 | 323 | 11 |
| 10 | 191 | 40 | 227 | 7 | 262 | 59 | 296 | 21 | 324 | 1 |
| 11 | 192 | 50 | 228 | 18 | 264 | 10 | 297 | 22 | 324 | 50 |
| 12 | 194 | 0 | 229 | 30 | 265 | 20 | 298 | 23 | 325 | 39 |
| 13 | 195 | 10 | 230 | 42 | 266 | 30 | 299 | 24 | 326 | 27 |
| 14 | 196 | 20 | 231 | 54 | 267 | 40 | 300 | 24 | 327 | 16 |
| 15 | 197 | 31 | 233 | 6 | 268 | 50 | 301 | 24 | 328 | 4 |
| 16 | 198 | 41 | 234 | 18 | 269 | 59 | 302 | 24 | 328 | 51 |
| 17 | 199 | 51 | 235 | 30 | 271 | 8 | 303 | 23 | 329 | 38 |
| 18 | 201 | 2 | 236 | 43 | 272 | 17 | 304 | 22 | 330 | 24 |
| 19 | 202 | 12 | 237 | 55 | 273 | 26 | 305 | 20 | 331 | 11 |
| 20 | 203 | 23 | 239 | 7 | 274 | 35 | 306 | 17 | 331 | 57 |
| 21 | 204 | 33 | 240 | 19 | 275 | 43 | 307 | 14 | 332 | 43 |
| 22 | 205 | 44 | 241 | 31 | 276 | 51 | 308 | 10 | 333 | 28 |
| 23 | 206 | 55 | 242 | 43 | 277 | 59 | 309 | 6 | 334 | 14 |
| 24 | 208 | 6 | 243 | 55 | 279 | 7 | 310 | 2 | 334 | 59 |
| 25 | 209 | 17 | 245 | 6 | 280 | 15 | 310 | 58 | 335 | 44 |
| 26 | 210 | 28 | 246 | 18 | 281 | 22 | 311 | 53 | 336 | 28 |
| 27 | 211 | 39 | 247 | 30 | 282 | 29 | 312 | 47 | 337 | 12 |
| 28 | 212 | 50 | 248 | 42 | 283 | 35 | 313 | 41 | 337 | 56 |
| 29 | 214 | 1 | 249 | 54 | 284 | 41 | 314 | 35 | 338 | 40 |
| 30 | 215 | 12 | 25 | 15 | 285 | 46 | 315 | 29 | 339 | 24 |

3

Tabula Ascensionum Obliquarum.

| h | γ | | δ | | ε | | ζ | | η | | θ | |
|----|----|----|----|----|----|----|-----|----|-----|----|-----|----|
| | h | m | h | m | h | m | h | m | h | m | h | m |
| 0 | 0 | 0 | 20 | 18 | 43 | 59 | 73 | 36 | 108 | 23 | 144 | 30 |
| 1 | 0 | 39 | 21 | 1 | 44 | 52 | 74 | 42 | 109 | 35 | 145 | 42 |
| 2 | 1 | 18 | 21 | 44 | 45 | 45 | 75 | 48 | 110 | 47 | 146 | 54 |
| 3 | 1 | 58 | 22 | 27 | 46 | 39 | 76 | 54 | 111 | 59 | 148 | 5 |
| 4 | 2 | 37 | 23 | 11 | 47 | 33 | 78 | 0 | 113 | 11 | 149 | 17 |
| 5 | 3 | 17 | 23 | 55 | 48 | 28 | 79 | 7 | 114 | 24 | 150 | 28 |
| 6 | 3 | 56 | 24 | 40 | 49 | 23 | 80 | 15 | 115 | 36 | 151 | 40 |
| 7 | 4 | 36 | 25 | 25 | 50 | 19 | 81 | 23 | 116 | 48 | 152 | 51 |
| 8 | 5 | 16 | 26 | 10 | 51 | 15 | 82 | 31 | 118 | 1 | 154 | 3 |
| 9 | 5 | 56 | 26 | 55 | 52 | 11 | 83 | 39 | 119 | 13 | 155 | 14 |
| 10 | 6 | 36 | 27 | 40 | 53 | 8 | 84 | 47 | 120 | 26 | 156 | 25 |
| 11 | 7 | 16 | 28 | 26 | 54 | 5 | 85 | 56 | 121 | 38 | 157 | 36 |
| 12 | 7 | 56 | 29 | 12 | 55 | 3 | 87 | 4 | 122 | 51 | 158 | 47 |
| 13 | 8 | 36 | 29 | 58 | 56 | 1 | 88 | 15 | 124 | 3 | 159 | 58 |
| 14 | 9 | 16 | 30 | 44 | 57 | 0 | 89 | 23 | 125 | 16 | 161 | 9 |
| 15 | 9 | 56 | 31 | 31 | 57 | 59 | 90 | 33 | 126 | 29 | 162 | 20 |
| 16 | 10 | 36 | 32 | 18 | 58 | 59 | 91 | 43 | 127 | 42 | 163 | 31 |
| 17 | 11 | 17 | 33 | 6 | 59 | 59 | 92 | 53 | 128 | 54 | 164 | 42 |
| 18 | 11 | 57 | 33 | 54 | 60 | 59 | 94 | 5 | 130 | 6 | 165 | 53 |
| 19 | 12 | 38 | 34 | 43 | 62 | 0 | 95 | 14 | 131 | 18 | 167 | 4 |
| 20 | 13 | 19 | 35 | 32 | 63 | 1 | 96 | 26 | 132 | 30 | 168 | 14 |
| 21 | 14 | 0 | 36 | 21 | 64 | 3 | 97 | 37 | 133 | 43 | 169 | 25 |
| 22 | 14 | 41 | 37 | 20 | 65 | 5 | 98 | 48 | 134 | 55 | 170 | 36 |
| 23 | 15 | 22 | 38 | 0 | 66 | 7 | 99 | 59 | 136 | 7 | 171 | 46 |
| 24 | 16 | 4 | 38 | 50 | 67 | 10 | 101 | 10 | 137 | 19 | 172 | 57 |
| 25 | 16 | 46 | 39 | 40 | 68 | 13 | 102 | 22 | 138 | 31 | 174 | 7 |
| 26 | 17 | 28 | 40 | 31 | 69 | 17 | 103 | 34 | 139 | 43 | 175 | 18 |
| 27 | 18 | 20 | 41 | 22 | 70 | 21 | 104 | 46 | 140 | 55 | 176 | 29 |
| 28 | 18 | 52 | 42 | 14 | 71 | 26 | 105 | 58 | 142 | 7 | 177 | 39 |
| 29 | 19 | 35 | 43 | 6 | 72 | 31 | 107 | 10 | 143 | 19 | 178 | 50 |
| 30 | 20 | 18 | 43 | 59 | 73 | 36 | 108 | 23 | 144 | 30 | 180 | 0 |

Ad latitudinem .33. Graduum

| S | n | | m | | p | | b | | z | | x | |
|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|
| | S | m | S | m | S | m | S | m | S | m | S | m |
| 0 | 180 | 0 | 215 | 30 | 251 | 37 | 286 | 24 | 316 | 1 | 339 | 42 |
| 1 | 181 | 10 | 216 | 41 | 252 | 50 | 287 | 29 | 316 | 54 | 340 | 25 |
| 2 | 182 | 21 | 217 | 53 | 254 | 2 | 288 | 34 | 317 | 46 | 341 | 8 |
| 3 | 183 | 31 | 219 | 5 | 255 | 14 | 289 | 39 | 318 | 38 | 341 | 50 |
| 4 | 184 | 42 | 220 | 17 | 256 | 26 | 290 | 43 | 319 | 29 | 342 | 32 |
| 5 | 185 | 53 | 221 | 29 | 257 | 38 | 291 | 47 | 320 | 20 | 343 | 14 |
| 6 | 187 | 3 | 222 | 41 | 258 | 50 | 292 | 50 | 321 | 10 | 343 | 56 |
| 7 | 188 | 14 | 223 | 53 | 260 | 1 | 293 | 53 | 322 | 0 | 344 | 38 |
| 8 | 189 | 24 | 225 | 5 | 261 | 12 | 294 | 55 | 322 | 50 | 345 | 19 |
| 9 | 190 | 35 | 226 | 17 | 262 | 23 | 295 | 57 | 323 | 39 | 346 | 0 |
| 10 | 191 | 46 | 227 | 30 | 263 | 34 | 296 | 59 | 324 | 28 | 346 | 41 |
| 11 | 192 | 56 | 228 | 42 | 264 | 45 | 298 | 0 | 325 | 17 | 347 | 22 |
| 12 | 194 | 7 | 229 | 54 | 265 | 56 | 299 | 1 | 326 | 6 | 348 | 3 |
| 13 | 195 | 18 | 231 | 6 | 267 | 7 | 300 | 1 | 326 | 54 | 348 | 43 |
| 14 | 196 | 29 | 232 | 18 | 268 | 17 | 301 | 1 | 327 | 16 | 349 | 24 |
| 15 | 197 | 40 | 233 | 31 | 269 | 27 | 302 | 1 | 328 | 29 | 350 | 4 |
| 16 | 198 | 51 | 234 | 44 | 270 | 37 | 303 | 0 | 329 | 16 | 350 | 44 |
| 17 | 200 | 2 | 235 | 57 | 271 | 46 | 303 | 59 | 330 | 2 | 351 | 24 |
| 18 | 201 | 13 | 237 | 9 | 272 | 55 | 304 | 57 | 330 | 48 | 352 | 4 |
| 19 | 202 | 24 | 238 | 22 | 274 | 4 | 305 | 55 | 331 | 34 | 352 | 44 |
| 20 | 203 | 35 | 239 | 34 | 275 | 13 | 306 | 52 | 332 | 20 | 353 | 24 |
| 21 | 204 | 46 | 240 | 47 | 276 | 21 | 307 | 49 | 333 | 5 | 354 | 4 |
| 22 | 205 | 57 | 241 | 59 | 277 | 29 | 308 | 45 | 333 | 50 | 354 | 44 |
| 23 | 207 | 9 | 243 | 12 | 278 | 37 | 309 | 41 | 334 | 35 | 355 | 24 |
| 24 | 208 | 20 | 244 | 24 | 279 | 45 | 310 | 37 | 335 | 20 | 356 | 4 |
| 25 | 209 | 32 | 245 | 36 | 280 | 53 | 311 | 32 | 336 | 5 | 356 | 43 |
| 26 | 210 | 43 | 246 | 49 | 282 | 0 | 312 | 27 | 336 | 49 | 357 | 23 |
| 27 | 211 | 55 | 248 | 1 | 283 | 6 | 313 | 21 | 337 | 33 | 358 | 2 |
| 28 | 213 | 6 | 249 | 13 | 284 | 12 | 314 | 15 | 338 | 16 | 358 | 42 |
| 29 | 214 | 18 | 250 | 25 | 285 | 18 | 315 | 8 | 338 | 59 | 359 | 21 |
| 30 | 215 | 30 | 251 | 37 | 286 | 24 | 316 | 1 | 339 | 42 | 360 | 0 |

) D 4

Tabula Ascensionum Obliquarum

| S | γ | | δ | | π | | ε | | Ω | | η | |
|----|----|----|----|----|----|----|-----|----|-----|----|-----|----|
| | S | m | S | m | S | m | S | m | S | m | S | m |
| 0 | 0 | 0 | 20 | 1 | 43 | 26 | 72 | 57 | 107 | 50 | 144 | 13 |
| 1 | 0 | 38 | 20 | 43 | 44 | 19 | 74 | 3 | 109 | 2 | 145 | 26 |
| 2 | 1 | 17 | 21 | 26 | 45 | 12 | 75 | 9 | 110 | 15 | 146 | 38 |
| 3 | 1 | 56 | 22 | 9 | 46 | 6 | 76 | 15 | 111 | 27 | 147 | 50 |
| 4 | 2 | 35 | 22 | 52 | 47 | 0 | 77 | 21 | 112 | 40 | 149 | 2 |
| 5 | 3 | 14 | 23 | 35 | 47 | 54 | 78 | 28 | 113 | 53 | 150 | 14 |
| 6 | 3 | 53 | 24 | 19 | 48 | 49 | 79 | 36 | 115 | 5 | 151 | 26 |
| 7 | 4 | 32 | 25 | 3 | 49 | 44 | 80 | 44 | 116 | 18 | 152 | 38 |
| 8 | 5 | 11 | 25 | 47 | 50 | 40 | 81 | 52 | 117 | 31 | 153 | 50 |
| 9 | 5 | 50 | 26 | 32 | 51 | 36 | 83 | 0 | 118 | 44 | 155 | 2 |
| 10 | 6 | 30 | 27 | 17 | 52 | 32 | 84 | 9 | 119 | 57 | 156 | 13 |
| 11 | 7 | 9 | 28 | 2 | 53 | 29 | 85 | 18 | 121 | 10 | 157 | 25 |
| 12 | 7 | 48 | 28 | 47 | 54 | 26 | 86 | 27 | 122 | 23 | 158 | 37 |
| 13 | 8 | 28 | 29 | 33 | 55 | 24 | 87 | 37 | 123 | 37 | 159 | 48 |
| 14 | 9 | 7 | 30 | 19 | 56 | 23 | 88 | 46 | 124 | 50 | 161 | 0 |
| 15 | 9 | 47 | 31 | 5 | 57 | 22 | 89 | 56 | 126 | 3 | 162 | 11 |
| 16 | 10 | 27 | 31 | 52 | 58 | 21 | 91 | 6 | 127 | 16 | 163 | 23 |
| 17 | 11 | 7 | 32 | 39 | 59 | 21 | 92 | 17 | 128 | 29 | 164 | 34 |
| 18 | 11 | 47 | 33 | 27 | 60 | 21 | 93 | 28 | 129 | 42 | 165 | 46 |
| 19 | 12 | 27 | 34 | 15 | 61 | 22 | 94 | 39 | 130 | 55 | 166 | 57 |
| 20 | 13 | 7 | 35 | 3 | 62 | 23 | 95 | 50 | 132 | 7 | 168 | 8 |
| 21 | 13 | 48 | 35 | 52 | 63 | 24 | 97 | 1 | 133 | 20 | 169 | 20 |
| 22 | 14 | 29 | 36 | 41 | 64 | 26 | 98 | 13 | 134 | 33 | 170 | 31 |
| 23 | 15 | 10 | 37 | 30 | 65 | 28 | 99 | 24 | 135 | 46 | 171 | 42 |
| 24 | 15 | 51 | 38 | 19 | 66 | 31 | 100 | 36 | 136 | 59 | 172 | 53 |
| 25 | 16 | 32 | 39 | 9 | 67 | 34 | 101 | 48 | 138 | 11 | 174 | 4 |
| 26 | 17 | 13 | 40 | 0 | 68 | 38 | 103 | 0 | 139 | 24 | 175 | 16 |
| 27 | 17 | 55 | 40 | 51 | 69 | 42 | 104 | 12 | 140 | 36 | 176 | 27 |
| 28 | 18 | 37 | 41 | 42 | 70 | 47 | 105 | 25 | 141 | 49 | 177 | 38 |
| 29 | 19 | 19 | 42 | 34 | 71 | 52 | 106 | 37 | 143 | 1 | 178 | 49 |
| 30 | 20 | 1 | 43 | 26 | 72 | 57 | 107 | 50 | 144 | 13 | 180 | 0 |

Ad latitudinem .34. Graduum

| S | ♈ | | ♉ | | ♊ | | ♋ | | ♌ | | | |
|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|
| | S | m | S | m | S | m | S | m | S | m | | |
| 0 | 180 | 0 | 215 | 47 | 252 | 10 | 287 | 3 | 316 | 34 | 339 | 59 |
| 1 | 181 | 11 | 216 | 59 | 253 | 23 | 288 | 8 | 317 | 26 | 340 | 41 |
| 2 | 182 | 22 | 218 | 11 | 254 | 35 | 289 | 13 | 318 | 18 | 341 | 23 |
| 3 | 183 | 33 | 219 | 24 | 255 | 48 | 290 | 18 | 319 | 9 | 342 | 5 |
| 4 | 184 | 44 | 220 | 36 | 257 | 0 | 291 | 22 | 320 | 0 | 342 | 47 |
| 5 | 185 | 56 | 221 | 49 | 258 | 12 | 292 | 26 | 320 | 51 | 343 | 28 |
| 6 | 187 | 7 | 223 | 1 | 259 | 24 | 293 | 29 | 321 | 41 | 344 | 9 |
| 7 | 188 | 18 | 224 | 14 | 260 | 36 | 294 | 32 | 322 | 30 | 344 | 50 |
| 8 | 189 | 29 | 225 | 27 | 261 | 47 | 295 | 34 | 323 | 19 | 345 | 31 |
| 9 | 190 | 40 | 226 | 40 | 262 | 59 | 296 | 36 | 324 | 8 | 346 | 12 |
| 10 | 191 | 52 | 227 | 53 | 264 | 10 | 297 | 37 | 324 | 57 | 346 | 53 |
| 11 | 193 | 3 | 229 | 5 | 265 | 21 | 298 | 38 | 325 | 45 | 347 | 33 |
| 12 | 194 | 14 | 230 | 18 | 266 | 32 | 299 | 39 | 326 | 33 | 348 | 13 |
| 13 | 195 | 26 | 231 | 31 | 267 | 43 | 300 | 39 | 327 | 21 | 348 | 53 |
| 14 | 196 | 37 | 232 | 44 | 268 | 54 | 301 | 39 | 328 | 8 | 349 | 33 |
| 15 | 197 | 49 | 233 | 57 | 270 | 4 | 302 | 38 | 328 | 55 | 350 | 13 |
| 16 | 199 | 0 | 235 | 10 | 271 | 14 | 303 | 37 | 329 | 41 | 350 | 53 |
| 17 | 200 | 12 | 236 | 23 | 272 | 23 | 304 | 36 | 330 | 27 | 351 | 32 |
| 18 | 201 | 23 | 237 | 37 | 273 | 33 | 305 | 34 | 331 | 13 | 352 | 12 |
| 19 | 202 | 35 | 238 | 50 | 274 | 42 | 306 | 31 | 331 | 58 | 352 | 51 |
| 20 | 203 | 47 | 240 | 3 | 275 | 51 | 307 | 28 | 332 | 43 | 353 | 30 |
| 21 | 204 | 58 | 241 | 16 | 277 | 0 | 308 | 24 | 333 | 28 | 354 | 10 |
| 22 | 206 | 10 | 242 | 29 | 278 | 8 | 309 | 20 | 334 | 13 | 354 | 49 |
| 23 | 207 | 22 | 243 | 42 | 279 | 16 | 310 | 16 | 334 | 57 | 355 | 28 |
| 24 | 208 | 34 | 244 | 55 | 280 | 24 | 311 | 11 | 335 | 41 | 356 | 7 |
| 25 | 209 | 46 | 246 | 7 | 281 | 32 | 312 | 6 | 336 | 25 | 356 | 46 |
| 26 | 210 | 58 | 247 | 20 | 282 | 39 | 313 | 0 | 337 | 8 | 357 | 25 |
| 27 | 212 | 10 | 248 | 33 | 283 | 45 | 313 | 54 | 337 | 51 | 358 | 4 |
| 28 | 213 | 22 | 249 | 45 | 284 | 51 | 314 | 48 | 338 | 34 | 358 | 43 |
| 29 | 214 | 24 | 250 | 58 | 285 | 57 | 315 | 41 | 339 | 17 | 359 | 22 |
| 30 | 215 | 47 | 252 | 10 | 287 | 3 | 316 | 34 | 339 | 59 | 360 | 0 |

Tabula Ascensionum Obliquarum.

| h | γ | | δ | | π | | ε | | Ω | | μp | |
|----|----|----|----|----|----|----|-----|----|-----|----|-----|----|
| | h | m | h | m | h | m | h | m | h | m | h | m |
| 0 | 0 | 0 | 19 | 43 | 42 | 52 | 72 | 16 | 107 | 16 | 143 | 55 |
| 1 | 0 | 38 | 20 | 25 | 43 | 44 | 73 | 22 | 108 | 29 | 145 | 8 |
| 2 | 1 | 16 | 21 | 7 | 44 | 37 | 74 | 28 | 109 | 44 | 146 | 21 |
| 3 | 1 | 54 | 21 | 49 | 45 | 30 | 75 | 34 | 110 | 55 | 147 | 33 |
| 4 | 2 | 32 | 22 | 31 | 46 | 24 | 76 | 41 | 112 | 8 | 148 | 46 |
| 5 | 3 | 11 | 23 | 14 | 47 | 18 | 77 | 48 | 113 | 22 | 149 | 58 |
| 6 | 3 | 49 | 23 | 57 | 48 | 13 | 78 | 56 | 114 | 35 | 151 | 11 |
| 7 | 4 | 28 | 24 | 40 | 49 | 8 | 80 | 4 | 115 | 48 | 152 | 24 |
| 8 | 5 | 6 | 25 | 24 | 50 | 3 | 81 | 12 | 117 | 1 | 153 | 36 |
| 9 | 5 | 45 | 26 | 8 | 50 | 59 | 82 | 20 | 118 | 14 | 154 | 49 |
| 10 | 6 | 24 | 26 | 53 | 51 | 55 | 83 | 29 | 119 | 28 | 156 | 1 |
| 11 | 7 | 2 | 27 | 38 | 52 | 52 | 84 | 38 | 120 | 41 | 157 | 14 |
| 12 | 7 | 41 | 28 | 23 | 53 | 49 | 85 | 48 | 121 | 55 | 158 | 26 |
| 13 | 8 | 20 | 29 | 8 | 54 | 47 | 86 | 57 | 123 | 9 | 159 | 38 |
| 14 | 8 | 59 | 29 | 53 | 55 | 45 | 88 | 7 | 124 | 23 | 160 | 50 |
| 15 | 9 | 38 | 30 | 39 | 56 | 43 | 89 | 17 | 125 | 37 | 162 | 2 |
| 16 | 10 | 17 | 31 | 25 | 57 | 42 | 90 | 28 | 126 | 51 | 163 | 14 |
| 17 | 10 | 56 | 32 | 12 | 58 | 41 | 91 | 39 | 128 | 4 | 164 | 26 |
| 18 | 11 | 36 | 32 | 59 | 59 | 41 | 92 | 50 | 129 | 17 | 165 | 38 |
| 19 | 12 | 15 | 33 | 46 | 60 | 42 | 94 | 1 | 130 | 30 | 166 | 50 |
| 20 | 12 | 55 | 34 | 34 | 61 | 43 | 95 | 13 | 131 | 43 | 168 | 2 |
| 21 | 13 | 35 | 35 | 22 | 62 | 45 | 96 | 24 | 132 | 57 | 169 | 14 |
| 22 | 14 | 15 | 36 | 10 | 63 | 47 | 97 | 36 | 134 | 10 | 170 | 26 |
| 23 | 14 | 55 | 36 | 59 | 64 | 49 | 98 | 48 | 135 | 24 | 171 | 38 |
| 24 | 15 | 35 | 37 | 48 | 65 | 51 | 100 | 0 | 136 | 37 | 172 | 50 |
| 25 | 16 | 16 | 38 | 38 | 66 | 54 | 101 | 12 | 137 | 50 | 174 | 1 |
| 26 | 16 | 57 | 39 | 28 | 67 | 57 | 102 | 24 | 139 | 3 | 175 | 13 |
| 27 | 17 | 38 | 40 | 18 | 69 | 1 | 103 | 37 | 140 | 16 | 176 | 25 |
| 28 | 18 | 19 | 41 | 9 | 70 | 5 | 104 | 50 | 141 | 29 | 177 | 37 |
| 29 | 19 | 1 | 42 | 0 | 71 | 10 | 106 | 3 | 142 | 42 | 178 | 49 |
| 30 | 19 | 43 | 42 | 52 | 72 | 16 | 107 | 16 | 143 | 55 | 180 | 0 |

Ad latitudinem .35. Graduum.

| D | ♈ | | ♉ | | ♊ | | ♋ | | ♌ | | | |
|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|
| | D | m | D | m | D | m | D | m | D | m | | |
| 0 | 180 | 0 | 216 | 5 | 252 | 43 | 287 | 44 | 317 | 8 | 340 | 17 |
| 1 | 181 | 11 | 217 | 18 | 253 | 57 | 288 | 50 | 318 | 0 | 340 | 59 |
| 2 | 182 | 23 | 218 | 31 | 255 | 10 | 289 | 55 | 318 | 51 | 341 | 41 |
| 3 | 183 | 35 | 219 | 44 | 256 | 23 | 290 | 59 | 319 | 42 | 342 | 22 |
| 4 | 184 | 47 | 220 | 57 | 257 | 36 | 292 | 3 | 320 | 32 | 343 | 3 |
| 5 | 185 | 59 | 222 | 10 | 258 | 48 | 293 | 6 | 321 | 22 | 343 | 44 |
| 6 | 187 | 10 | 223 | 23 | 260 | 0 | 294 | 9 | 322 | 12 | 344 | 25 |
| 7 | 188 | 22 | 224 | 36 | 261 | 12 | 295 | 11 | 323 | 1 | 345 | 5 |
| 8 | 189 | 34 | 225 | 50 | 262 | 24 | 296 | 13 | 323 | 50 | 345 | 45 |
| 9 | 190 | 46 | 227 | 3 | 263 | 36 | 297 | 15 | 324 | 38 | 346 | 25 |
| 10 | 191 | 58 | 228 | 17 | 264 | 47 | 298 | 17 | 325 | 26 | 347 | 5 |
| 11 | 193 | 10 | 229 | 30 | 265 | 59 | 299 | 18 | 326 | 14 | 347 | 45 |
| 12 | 194 | 22 | 230 | 43 | 267 | 10 | 300 | 19 | 327 | 1 | 348 | 24 |
| 13 | 195 | 34 | 231 | 56 | 268 | 21 | 301 | 19 | 327 | 48 | 349 | 4 |
| 14 | 196 | 46 | 233 | 9 | 269 | 32 | 302 | 18 | 328 | 35 | 349 | 43 |
| 15 | 197 | 58 | 234 | 23 | 270 | 43 | 303 | 17 | 329 | 21 | 350 | 22 |
| 16 | 199 | 10 | 235 | 37 | 271 | 53 | 304 | 15 | 330 | 7 | 351 | 1 |
| 17 | 200 | 22 | 236 | 51 | 273 | 3 | 305 | 13 | 330 | 52 | 351 | 40 |
| 18 | 201 | 34 | 238 | 5 | 274 | 12 | 306 | 11 | 331 | 37 | 352 | 19 |
| 19 | 202 | 46 | 239 | 19 | 275 | 22 | 307 | 8 | 332 | 22 | 352 | 58 |
| 20 | 203 | 59 | 240 | 32 | 276 | 31 | 308 | 5 | 333 | 7 | 353 | 36 |
| 21 | 205 | 11 | 241 | 46 | 277 | 40 | 309 | 1 | 333 | 52 | 354 | 15 |
| 22 | 206 | 24 | 242 | 59 | 278 | 48 | 309 | 57 | 334 | 36 | 354 | 54 |
| 23 | 207 | 36 | 244 | 12 | 279 | 56 | 310 | 52 | 335 | 20 | 355 | 32 |
| 24 | 208 | 49 | 245 | 25 | 281 | 4 | 311 | 47 | 336 | 3 | 356 | 11 |
| 25 | 210 | 2 | 246 | 38 | 282 | 12 | 312 | 42 | 336 | 46 | 356 | 49 |
| 26 | 211 | 14 | 247 | 52 | 283 | 19 | 313 | 36 | 337 | 29 | 357 | 28 |
| 27 | 212 | 27 | 249 | 5 | 284 | 26 | 314 | 30 | 338 | 11 | 358 | 6 |
| 28 | 213 | 39 | 250 | 18 | 285 | 32 | 315 | 23 | 338 | 53 | 358 | 44 |
| 29 | 214 | 52 | 251 | 31 | 286 | 38 | 316 | 16 | 339 | 35 | 359 | 22 |
| 30 | 216 | 5 | 252 | 44 | 287 | 44 | 317 | 8 | 340 | 17 | 360 | 0 |

Tabula Ascensionum Obliquarum

| ♋ | ♌ | | ♍ | | ♎ | | ♏ | | ♐ | | | |
|----|----|----|----|----|----|----|-----|----|-----|----|-----|----|
| | ♠ | ♠ | ♠ | ♠ | ♠ | ♠ | ♠ | ♠ | ♠ | ♠ | | |
| 0 | 0 | 0 | 19 | 24 | 42 | 18 | 71 | 35 | 106 | 42 | 143 | 36 |
| 1 | 0 | 37 | 20 | 5 | 43 | 10 | 72 | 41 | 107 | 55 | 144 | 50 |
| 2 | 1 | 15 | 20 | 46 | 44 | 2 | 73 | 47 | 109 | 9 | 146 | 3 |
| 3 | 1 | 52 | 21 | 28 | 44 | 55 | 74 | 53 | 110 | 22 | 147 | 17 |
| 4 | 2 | 30 | 22 | 10 | 45 | 48 | 76 | 0 | 111 | 36 | 148 | 30 |
| 5 | 3 | 8 | 22 | 52 | 46 | 42 | 77 | 7 | 112 | 50 | 149 | 43 |
| 6 | 3 | 46 | 23 | 35 | 47 | 36 | 78 | 15 | 114 | 3 | 150 | 57 |
| 7 | 4 | 24 | 24 | 18 | 48 | 30 | 79 | 23 | 115 | 17 | 152 | 10 |
| 8 | 5 | 2 | 25 | 1 | 49 | 25 | 80 | 31 | 116 | 30 | 153 | 23 |
| 9 | 5 | 40 | 25 | 45 | 50 | 20 | 81 | 40 | 117 | 44 | 154 | 36 |
| 10 | 6 | 18 | 26 | 29 | 51 | 16 | 82 | 49 | 118 | 58 | 155 | 49 |
| 11 | 6 | 56 | 27 | 13 | 52 | 12 | 83 | 58 | 120 | 12 | 157 | 2 |
| 12 | 7 | 34 | 27 | 57 | 53 | 9 | 85 | 8 | 121 | 26 | 158 | 15 |
| 13 | 8 | 12 | 28 | 41 | 54 | 7 | 86 | 18 | 122 | 40 | 159 | 28 |
| 14 | 8 | 50 | 29 | 26 | 55 | 5 | 87 | 28 | 123 | 55 | 160 | 41 |
| 15 | 9 | 29 | 30 | 11 | 56 | 4 | 88 | 38 | 125 | 9 | 161 | 53 |
| 16 | 10 | 7 | 30 | 57 | 57 | 3 | 89 | 49 | 126 | 23 | 163 | 6 |
| 17 | 10 | 46 | 31 | 43 | 58 | 2 | 91 | 0 | 127 | 37 | 164 | 19 |
| 18 | 11 | 25 | 32 | 30 | 59 | 2 | 92 | 11 | 128 | 51 | 165 | 31 |
| 19 | 12 | 4 | 33 | 17 | 60 | 2 | 93 | 22 | 130 | 5 | 166 | 44 |
| 20 | 12 | 43 | 34 | 4 | 61 | 3 | 94 | 34 | 131 | 19 | 167 | 56 |
| 21 | 13 | 22 | 34 | 52 | 62 | 4 | 95 | 46 | 132 | 33 | 169 | 9 |
| 22 | 14 | 1 | 35 | 40 | 63 | 6 | 96 | 58 | 133 | 47 | 170 | 21 |
| 23 | 14 | 41 | 36 | 28 | 64 | 8 | 98 | 10 | 135 | 1 | 171 | 34 |
| 24 | 15 | 21 | 37 | 17 | 65 | 10 | 99 | 23 | 136 | 15 | 172 | 46 |
| 25 | 16 | 1 | 38 | 6 | 66 | 13 | 100 | 36 | 137 | 28 | 173 | 58 |
| 26 | 16 | 41 | 38 | 56 | 67 | 16 | 101 | 49 | 138 | 42 | 175 | 11 |
| 27 | 17 | 21 | 39 | 46 | 68 | 20 | 103 | 2 | 139 | 56 | 176 | 23 |
| 28 | 18 | 2 | 40 | 36 | 69 | 24 | 104 | 15 | 141 | 9 | 177 | 36 |
| 29 | 18 | 43 | 41 | 27 | 70 | 29 | 105 | 28 | 142 | 23 | 178 | 40 |
| 30 | 19 | 24 | 42 | 18 | 71 | 35 | 106 | 42 | 143 | 36 | 180 | 0 |

Ad latitudinem .36. Graduum

| h | ♈ | | ♉ | | ♊ | | ♋ | | ♌ | | ♍ | |
|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|
| | h | m | h | m | h | m | h | m | h | m | h | m |
| 0 | 180 | 0 | 216 | 24 | 253 | 18 | 288 | 25 | 317 | 42 | 340 | 36 |
| 1 | 181 | 12 | 217 | 37 | 254 | 32 | 289 | 31 | 318 | 33 | 341 | 17 |
| 2 | 182 | 24 | 218 | 51 | 255 | 45 | 290 | 36 | 319 | 24 | 341 | 58 |
| 3 | 183 | 37 | 220 | 4 | 256 | 58 | 291 | 40 | 320 | 14 | 342 | 39 |
| 4 | 184 | 49 | 221 | 18 | 258 | 11 | 292 | 44 | 321 | 4 | 343 | 19 |
| 5 | 186 | 2 | 222 | 32 | 259 | 24 | 293 | 47 | 321 | 54 | 343 | 59 |
| 6 | 187 | 14 | 223 | 45 | 260 | 37 | 294 | 50 | 322 | 43 | 344 | 39 |
| 7 | 188 | 26 | 224 | 59 | 261 | 50 | 295 | 52 | 323 | 32 | 345 | 19 |
| 8 | 189 | 39 | 226 | 13 | 263 | 2 | 296 | 54 | 324 | 20 | 345 | 59 |
| 9 | 190 | 51 | 227 | 27 | 264 | 14 | 297 | 56 | 325 | 8 | 346 | 38 |
| 10 | 192 | 4 | 228 | 41 | 265 | 26 | 298 | 57 | 325 | 56 | 347 | 17 |
| 11 | 193 | 16 | 229 | 55 | 266 | 38 | 299 | 58 | 326 | 43 | 347 | 56 |
| 12 | 194 | 29 | 231 | 9 | 267 | 49 | 300 | 58 | 327 | 30 | 348 | 35 |
| 13 | 195 | 41 | 232 | 23 | 269 | 0 | 301 | 58 | 328 | 17 | 349 | 14 |
| 14 | 196 | 54 | 233 | 37 | 270 | 11 | 302 | 57 | 329 | 3 | 349 | 53 |
| 15 | 198 | 7 | 234 | 51 | 271 | 22 | 303 | 56 | 329 | 49 | 350 | 31 |
| 16 | 199 | 19 | 236 | 5 | 272 | 32 | 304 | 55 | 330 | 34 | 351 | 10 |
| 17 | 200 | 32 | 237 | 20 | 273 | 42 | 305 | 53 | 331 | 19 | 351 | 48 |
| 18 | 201 | 45 | 238 | 34 | 274 | 52 | 306 | 51 | 332 | 3 | 352 | 26 |
| 19 | 202 | 58 | 239 | 48 | 276 | 2 | 307 | 48 | 332 | 47 | 353 | 4 |
| 20 | 204 | 11 | 241 | 2 | 277 | 11 | 308 | 44 | 333 | 31 | 353 | 42 |
| 21 | 205 | 24 | 242 | 16 | 278 | 20 | 309 | 40 | 334 | 15 | 354 | 20 |
| 22 | 206 | 37 | 243 | 30 | 279 | 29 | 310 | 35 | 334 | 59 | 354 | 58 |
| 23 | 207 | 50 | 244 | 43 | 280 | 37 | 311 | 30 | 335 | 42 | 355 | 36 |
| 24 | 209 | 3 | 245 | 57 | 281 | 45 | 312 | 24 | 336 | 25 | 356 | 14 |
| 25 | 210 | 17 | 247 | 10 | 282 | 53 | 313 | 18 | 337 | 8 | 356 | 52 |
| 26 | 211 | 30 | 248 | 24 | 284 | 0 | 314 | 12 | 337 | 50 | 357 | 30 |
| 27 | 212 | 43 | 249 | 38 | 285 | 7 | 315 | 5 | 338 | 32 | 358 | 8 |
| 28 | 213 | 57 | 250 | 51 | 286 | 13 | 315 | 58 | 339 | 14 | 358 | 45 |
| 29 | 215 | 10 | 252 | 5 | 287 | 19 | 316 | 50 | 339 | 55 | 359 | 23 |
| 30 | 216 | 24 | 253 | 18 | 288 | 25 | 317 | 42 | 340 | 36 | 360 | 0 |

Tabula Ascensionum Obliquarum.

| S | γ | δ | π | ε | ζ | η |
|----|-------|-------|-------|--------|--------|--------|
| | S m | S m | S m | S m | S m | S m |
| 0 | 0 0 | 19 5 | 41 42 | 70 52 | 106 6 | 143 17 |
| 1 | 0 37 | 19 46 | 42 34 | 71 58 | 107 20 | 144 31 |
| 2 | 1 14 | 20 27 | 43 26 | 73 4 | 108 34 | 145 45 |
| 3 | 1 51 | 21 8 | 44 18 | 74 11 | 109 48 | 146 59 |
| 4 | 2 28 | 21 49 | 45 11 | 75 18 | 111 2 | 148 13 |
| 5 | 3 5 | 22 30 | 46 4 | 76 25 | 112 16 | 149 27 |
| 6 | 3 42 | 23 12 | 46 58 | 77 33 | 113 30 | 150 41 |
| 7 | 4 19 | 23 54 | 47 52 | 78 41 | 114 44 | 151 55 |
| 8 | 4 56 | 24 37 | 48 47 | 79 49 | 115 59 | 153 19 |
| 9 | 5 33 | 25 20 | 49 42 | 80 58 | 117 13 | 154 23 |
| 10 | 6 11 | 26 3 | 50 37 | 82 7 | 118 28 | 155 36 |
| 11 | 6 48 | 26 46 | 51 33 | 83 16 | 119 42 | 156 50 |
| 12 | 7 26 | 27 30 | 52 30 | 84 26 | 120 57 | 158 3 |
| 13 | 8 3 | 28 14 | 53 27 | 85 36 | 122 11 | 159 17 |
| 14 | 8 41 | 28 58 | 54 25 | 86 46 | 123 26 | 160 30 |
| 15 | 9 19 | 29 43 | 55 23 | 87 57 | 124 41 | 161 43 |
| 16 | 9 57 | 30 28 | 56 22 | 89 8 | 125 56 | 162 57 |
| 17 | 10 35 | 31 14 | 57 21 | 90 19 | 127 10 | 164 10 |
| 18 | 11 13 | 32 0 | 58 21 | 91 31 | 128 25 | 165 23 |
| 19 | 11 51 | 32 47 | 59 21 | 92 43 | 129 39 | 166 36 |
| 20 | 12 30 | 33 34 | 60 21 | 93 55 | 130 53 | 167 49 |
| 21 | 13 9 | 34 21 | 61 22 | 95 7 | 132 8 | 169 3 |
| 22 | 13 48 | 35 8 | 62 24 | 96 19 | 133 23 | 170 16 |
| 23 | 14 27 | 35 56 | 63 26 | 97 32 | 134 37 | 171 29 |
| 24 | 15 6 | 36 44 | 64 28 | 98 45 | 135 52 | 172 18 |
| 25 | 15 45 | 37 32 | 65 31 | 99 58 | 137 6 | 173 55 |
| 26 | 16 25 | 38 21 | 66 34 | 101 11 | 138 21 | 175 8 |
| 27 | 17 5 | 39 10 | 67 38 | 102 24 | 139 35 | 176 21 |
| 28 | 17 45 | 40 0 | 68 42 | 103 38 | 140 49 | 177 34 |
| 29 | 18 25 | 40 51 | 69 47 | 104 52 | 142 3 | 178 47 |
| 30 | 19 5 | 41 42 | 70 52 | 106 6 | 143 17 | 180 0 |

Ad latitudinem .37. Graduum.

| S | ♈ | | ♉ | | ♊ | | ♋ | | ♌ | | ♍ | |
|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|
| | S | m | S | m | S | m | S | m | S | m | S | m |
| 0 | 180 | 0 | 216 | 43 | 253 | 54 | 289 | 8 | 318 | 18 | 340 | 55 |
| 1 | 181 | 13 | 217 | 57 | 255 | 8 | 290 | 13 | 319 | 9 | 341 | 35 |
| 2 | 182 | 26 | 219 | 11 | 256 | 22 | 291 | 18 | 320 | 0 | 342 | 15 |
| 3 | 183 | 39 | 220 | 25 | 257 | 36 | 292 | 22 | 320 | 50 | 342 | 55 |
| 4 | 184 | 52 | 221 | 39 | 258 | 49 | 293 | 26 | 321 | 39 | 343 | 35 |
| 5 | 186 | 5 | 222 | 54 | 260 | 2 | 294 | 29 | 322 | 28 | 344 | 15 |
| 6 | 187 | 18 | 224 | 8 | 261 | 15 | 295 | 32 | 323 | 16 | 344 | 54 |
| 7 | 188 | 31 | 225 | 23 | 262 | 28 | 296 | 34 | 324 | 4 | 345 | 33 |
| 8 | 189 | 44 | 226 | 37 | 263 | 41 | 297 | 36 | 324 | 52 | 346 | 1 |
| 9 | 190 | 57 | 227 | 52 | 264 | 53 | 298 | 38 | 325 | 39 | 346 | 51 |
| 10 | 192 | 11 | 229 | 7 | 265 | 5 | 299 | 39 | 326 | 26 | 347 | 30 |
| 11 | 193 | 24 | 230 | 21 | 266 | 17 | 300 | 39 | 327 | 13 | 348 | 9 |
| 12 | 194 | 37 | 231 | 35 | 268 | 29 | 301 | 39 | 328 | 0 | 348 | 47 |
| 13 | 195 | 50 | 232 | 50 | 269 | 41 | 302 | 39 | 328 | 46 | 349 | 25 |
| 14 | 197 | 3 | 234 | 4 | 270 | 52 | 303 | 38 | 329 | 32 | 350 | 3 |
| 15 | 198 | 17 | 235 | 19 | 272 | 3 | 304 | 37 | 330 | 17 | 350 | 41 |
| 16 | 199 | 30 | 236 | 34 | 273 | 14 | 305 | 35 | 331 | 2 | 351 | 19 |
| 17 | 200 | 43 | 237 | 49 | 274 | 24 | 306 | 33 | 331 | 46 | 351 | 57 |
| 18 | 201 | 57 | 239 | 3 | 275 | 34 | 307 | 30 | 332 | 30 | 352 | 34 |
| 19 | 203 | 10 | 240 | 18 | 276 | 44 | 308 | 27 | 333 | 14 | 353 | 12 |
| 20 | 204 | 24 | 241 | 32 | 277 | 53 | 309 | 23 | 333 | 57 | 353 | 49 |
| 21 | 205 | 37 | 242 | 47 | 279 | 2 | 310 | 18 | 334 | 40 | 354 | 27 |
| 22 | 206 | 51 | 244 | 1 | 280 | 11 | 311 | 13 | 335 | 23 | 355 | 4 |
| 23 | 208 | 5 | 245 | 16 | 281 | 19 | 312 | 8 | 336 | 6 | 355 | 41 |
| 24 | 209 | 19 | 246 | 30 | 282 | 27 | 313 | 2 | 336 | 48 | 356 | 18 |
| 25 | 210 | 33 | 247 | 44 | 283 | 35 | 313 | 56 | 337 | 30 | 356 | 55 |
| 26 | 211 | 47 | 248 | 58 | 284 | 42 | 314 | 49 | 338 | 11 | 357 | 32 |
| 27 | 213 | 1 | 250 | 12 | 285 | 49 | 315 | 42 | 338 | 52 | 358 | 9 |
| 28 | 214 | 15 | 251 | 26 | 286 | 56 | 316 | 34 | 339 | 33 | 358 | 46 |
| 29 | 215 | 29 | 252 | 40 | 288 | 2 | 317 | 26 | 340 | 14 | 359 | 23 |
| 30 | 216 | 43 | 253 | 54 | 289 | 8 | 318 | 18 | 340 | 55 | 360 | 0 |

Tabula Ascensionum Obliquarum

| | γ | | δ | | ε | | ζ | | η | | ιπ | |
|----|----|----|----|----|----|----|-----|----|-----|----|-----|----|
| h | h | m | h | m | h | m | h | m | h | m | h | m |
| 0 | 0 | 0 | 18 | 45 | 41 | 6 | 70 | 8 | 105 | 30 | 142 | 57 |
| 1 | 0 | 36 | 19 | 25 | 41 | 57 | 71 | 14 | 106 | 44 | 144 | 12 |
| 2 | 1 | 12 | 20 | 5 | 42 | 48 | 72 | 20 | 107 | 58 | 145 | 27 |
| 3 | 1 | 49 | 20 | 45 | 43 | 40 | 73 | 27 | 109 | 13 | 146 | 41 |
| 4 | 2 | 25 | 21 | 26 | 44 | 32 | 74 | 34 | 110 | 27 | 147 | 56 |
| 5 | 3 | 2 | 22 | 7 | 45 | 25 | 75 | 14 | 111 | 42 | 149 | 10 |
| 6 | 3 | 38 | 22 | 49 | 46 | 18 | 76 | 49 | 112 | 56 | 150 | 25 |
| 7 | 4 | 14 | 23 | 31 | 47 | 12 | 77 | 53 | 114 | 11 | 151 | 40 |
| 8 | 4 | 51 | 24 | 13 | 48 | 6 | 79 | 6 | 115 | 26 | 152 | 54 |
| 9 | 5 | 27 | 24 | 55 | 49 | 1 | 80 | 15 | 116 | 41 | 154 | 9 |
| 10 | 6 | 4 | 25 | 38 | 49 | 57 | 81 | 24 | 117 | 56 | 155 | 23 |
| 11 | 6 | 41 | 26 | 21 | 50 | 53 | 82 | 34 | 119 | 11 | 156 | 37 |
| 12 | 7 | 18 | 27 | 4 | 51 | 49 | 83 | 44 | 120 | 27 | 157 | 51 |
| 13 | 7 | 55 | 27 | 47 | 52 | 46 | 84 | 54 | 121 | 43 | 159 | 5 |
| 14 | 8 | 32 | 28 | 31 | 53 | 43 | 86 | 4 | 122 | 58 | 160 | 19 |
| 15 | 9 | 9 | 29 | 15 | 54 | 41 | 87 | 15 | 124 | 13 | 161 | 33 |
| 16 | 9 | 46 | 30 | 0 | 55 | 39 | 88 | 26 | 125 | 28 | 162 | 47 |
| 17 | 10 | 24 | 30 | 45 | 56 | 38 | 89 | 38 | 126 | 43 | 164 | 1 |
| 18 | 11 | 1 | 31 | 30 | 57 | 37 | 90 | 50 | 127 | 58 | 165 | 15 |
| 19 | 11 | 39 | 32 | 6 | 58 | 37 | 92 | 2 | 129 | 13 | 166 | 29 |
| 20 | 12 | 17 | 33 | 2 | 59 | 38 | 93 | 15 | 130 | 28 | 167 | 42 |
| 21 | 12 | 55 | 33 | 48 | 60 | 39 | 94 | 27 | 131 | 43 | 168 | 56 |
| 22 | 13 | 33 | 34 | 35 | 61 | 40 | 95 | 40 | 132 | 58 | 170 | 10 |
| 23 | 14 | 11 | 35 | 22 | 62 | 42 | 96 | 53 | 134 | 13 | 171 | 24 |
| 24 | 14 | 49 | 36 | 10 | 63 | 44 | 98 | 6 | 135 | 28 | 172 | 38 |
| 25 | 15 | 28 | 36 | 58 | 64 | 47 | 99 | 19 | 136 | 43 | 173 | 52 |
| 26 | 16 | 7 | 37 | 47 | 65 | 50 | 100 | 33 | 137 | 58 | 175 | 6 |
| 27 | 16 | 46 | 38 | 36 | 66 | 54 | 101 | 47 | 139 | 13 | 176 | 20 |
| 28 | 17 | 25 | 39 | 26 | 67 | 58 | 103 | 1 | 140 | 28 | 177 | 33 |
| 29 | 18 | 5 | 40 | 16 | 69 | 2 | 104 | 15 | 141 | 43 | 178 | 47 |
| 30 | 18 | 45 | 41 | 6 | 70 | 8 | 105 | 30 | 142 | 57 | 180 | 0 |

Ad latitudinem .38. Graduum

| h | a | | m | | f | | s | | m | | x | |
|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|
| | h | m | h | m | h | m | h | m | h | m | h | m |
| 0 | 180 | 0 | 217 | 3 | 254 | 30 | 289 | 52 | 318 | 54 | 341 | 15 |
| 1 | 181 | 13 | 218 | 17 | 255 | 45 | 290 | 57 | 319 | 44 | 341 | 55 |
| 2 | 182 | 27 | 219 | 32 | 256 | 59 | 292 | 2 | 320 | 34 | 342 | 35 |
| 3 | 183 | 40 | 220 | 47 | 258 | 13 | 293 | 6 | 321 | 24 | 343 | 14 |
| 4 | 184 | 54 | 222 | 2 | 259 | 27 | 294 | 10 | 322 | 13 | 343 | 53 |
| 5 | 186 | 8 | 223 | 17 | 260 | 41 | 295 | 13 | 323 | 2 | 344 | 32 |
| 6 | 187 | 22 | 224 | 32 | 261 | 54 | 296 | 16 | 323 | 50 | 345 | 11 |
| 7 | 188 | 36 | 225 | 47 | 263 | 7 | 297 | 18 | 324 | 38 | 345 | 49 |
| 8 | 189 | 50 | 227 | 2 | 264 | 20 | 298 | 20 | 325 | 25 | 346 | 27 |
| 9 | 191 | 4 | 228 | 17 | 265 | 33 | 299 | 21 | 326 | 12 | 347 | 5 |
| 10 | 192 | 18 | 229 | 32 | 266 | 45 | 300 | 22 | 326 | 58 | 347 | 43 |
| 11 | 193 | 31 | 230 | 47 | 267 | 58 | 301 | 23 | 327 | 44 | 348 | 21 |
| 12 | 194 | 45 | 232 | 2 | 269 | 10 | 302 | 23 | 328 | 30 | 348 | 59 |
| 13 | 195 | 59 | 233 | 17 | 270 | 22 | 303 | 22 | 329 | 15 | 349 | 36 |
| 14 | 197 | 13 | 234 | 32 | 271 | 34 | 304 | 21 | 330 | 0 | 350 | 14 |
| 15 | 198 | 27 | 235 | 47 | 272 | 45 | 305 | 19 | 330 | 45 | 350 | 51 |
| 16 | 199 | 41 | 237 | 2 | 273 | 56 | 306 | 17 | 331 | 29 | 351 | 28 |
| 17 | 200 | 55 | 238 | 17 | 275 | 6 | 307 | 14 | 332 | 13 | 352 | 5 |
| 18 | 202 | 9 | 239 | 33 | 276 | 16 | 308 | 11 | 332 | 56 | 352 | 42 |
| 19 | 203 | 23 | 240 | 49 | 277 | 26 | 309 | 7 | 333 | 39 | 353 | 19 |
| 20 | 204 | 37 | 242 | 4 | 278 | 36 | 310 | 3 | 334 | 22 | 353 | 56 |
| 21 | 205 | 51 | 243 | 19 | 279 | 45 | 310 | 59 | 335 | 5 | 354 | 33 |
| 22 | 207 | 6 | 244 | 34 | 280 | 54 | 311 | 54 | 335 | 47 | 355 | 9 |
| 23 | 208 | 20 | 245 | 49 | 282 | 3 | 312 | 48 | 336 | 29 | 355 | 46 |
| 24 | 209 | 35 | 247 | 4 | 283 | 11 | 313 | 42 | 337 | 11 | 356 | 22 |
| 25 | 210 | 50 | 248 | 18 | 284 | 19 | 314 | 35 | 337 | 53 | 356 | 58 |
| 26 | 212 | 4 | 249 | 33 | 285 | 26 | 315 | 28 | 338 | 34 | 357 | 35 |
| 27 | 213 | 19 | 250 | 47 | 286 | 33 | 316 | 20 | 339 | 15 | 358 | 11 |
| 28 | 214 | 33 | 252 | 2 | 287 | 40 | 317 | 12 | 339 | 55 | 358 | 48 |
| 29 | 215 | 48 | 253 | 16 | 288 | 46 | 318 | 3 | 340 | 35 | 359 | 24 |
| 30 | 217 | 3 | 254 | 30 | 289 | 52 | 318 | 54 | 341 | 15 | 360 | 0 |

Tabula Ascensionum Obliquarum

| S | γ | | ϛ | | π | | ♄ | | ♅ | | ♆ | |
|----|----|----|----|----|----|----|-----|----|-----|----|-----|----|
| | S | m | S | m | S | m | S | m | S | m | S | m |
| 0 | 0 | 0 | 18 | 25 | 40 | 28 | 69 | 23 | 104 | 52 | 142 | 37 |
| 1 | 0 | 35 | 19 | 4 | 41 | 19 | 70 | 29 | 106 | 7 | 143 | 53 |
| 2 | 1 | 11 | 19 | 44 | 42 | 10 | 71 | 35 | 107 | 22 | 145 | 8 |
| 3 | 1 | 46 | 20 | 24 | 43 | 2 | 72 | 42 | 108 | 37 | 146 | 24 |
| 4 | 2 | 22 | 21 | 4 | 43 | 54 | 73 | 49 | 109 | 52 | 147 | 39 |
| 5 | 2 | 58 | 21 | 44 | 44 | 46 | 74 | 56 | 111 | 7 | 148 | 54 |
| 6 | 3 | 34 | 22 | 25 | 45 | 39 | 76 | 4 | 112 | 22 | 150 | 9 |
| 7 | 4 | 10 | 23 | 6 | 46 | 32 | 77 | 12 | 113 | 37 | 151 | 24 |
| 8 | 4 | 46 | 23 | 47 | 47 | 26 | 78 | 21 | 114 | 53 | 152 | 39 |
| 9 | 5 | 22 | 24 | 29 | 48 | 20 | 79 | 30 | 116 | 8 | 153 | 54 |
| 10 | 5 | 58 | 25 | 11 | 49 | 15 | 80 | 39 | 117 | 24 | 155 | 9 |
| 11 | 6 | 34 | 25 | 53 | 50 | 10 | 81 | 49 | 118 | 39 | 156 | 24 |
| 12 | 7 | 10 | 26 | 26 | 51 | 6 | 82 | 59 | 119 | 55 | 157 | 39 |
| 13 | 7 | 46 | 27 | 19 | 52 | 3 | 84 | 10 | 121 | 11 | 158 | 54 |
| 14 | 8 | 22 | 28 | 2 | 53 | 0 | 85 | 21 | 122 | 27 | 160 | 9 |
| 15 | 8 | 59 | 28 | 45 | 53 | 58 | 86 | 32 | 123 | 43 | 161 | 23 |
| 16 | 9 | 35 | 29 | 29 | 54 | 56 | 87 | 44 | 124 | 59 | 162 | 38 |
| 17 | 10 | 12 | 30 | 13 | 55 | 55 | 88 | 56 | 126 | 15 | 163 | 53 |
| 18 | 10 | 49 | 30 | 58 | 56 | 54 | 90 | 8 | 127 | 30 | 165 | 7 |
| 19 | 11 | 26 | 31 | 44 | 57 | 53 | 91 | 20 | 128 | 46 | 166 | 22 |
| 20 | 12 | 3 | 32 | 30 | 58 | 53 | 92 | 33 | 130 | 1 | 167 | 36 |
| 21 | 12 | 40 | 33 | 16 | 59 | 54 | 93 | 46 | 131 | 17 | 168 | 51 |
| 22 | 13 | 18 | 34 | 2 | 60 | 55 | 94 | 59 | 132 | 33 | 170 | 5 |
| 23 | 13 | 56 | 34 | 49 | 61 | 57 | 96 | 12 | 133 | 49 | 171 | 20 |
| 24 | 14 | 34 | 35 | 36 | 62 | 59 | 97 | 26 | 135 | 5 | 172 | 34 |
| 25 | 15 | 12 | 36 | 23 | 64 | 2 | 98 | 40 | 136 | 20 | 173 | 48 |
| 26 | 15 | 50 | 37 | 11 | 65 | 5 | 99 | 54 | 137 | 36 | 175 | 3 |
| 27 | 16 | 28 | 37 | 59 | 66 | 9 | 101 | 8 | 138 | 51 | 176 | 17 |
| 28 | 17 | 7 | 38 | 48 | 67 | 13 | 102 | 22 | 140 | 7 | 177 | 32 |
| 29 | 17 | 46 | 39 | 38 | 68 | 18 | 103 | 37 | 141 | 22 | 178 | 46 |
| 30 | 18 | 25 | 40 | 28 | 69 | 23 | 104 | 52 | 142 | 37 | 180 | 0 |

Ad latitudinem .39. Graduum

| | ♈ | ♉ | ♊ | ♋ | ♌ | ♍ | ♎ |
|----|--------|--------|--------|--------|--------|--------|---|
| ♁ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ |
| 0 | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ |
| 0 | 180 0 | 217 23 | 255 8 | 290 37 | 319 32 | 341 35 | |
| 1 | 181 14 | 218 38 | 256 23 | 291 42 | 320 22 | 342 14 | |
| 2 | 182 28 | 219 53 | 257 38 | 292 47 | 321 12 | 342 53 | |
| 3 | 183 43 | 221 9 | 258 52 | 293 51 | 322 1 | 343 32 | |
| 4 | 184 57 | 222 24 | 260 6 | 294 55 | 322 49 | 344 10 | |
| 5 | 186 12 | 223 40 | 261 20 | 295 58 | 323 37 | 344 48 | |
| 6 | 187 26 | 224 55 | 262 34 | 297 1 | 324 24 | 345 26 | |
| 7 | 188 40 | 226 11 | 263 48 | 298 3 | 325 11 | 346 4 | |
| 8 | 189 55 | 227 27 | 265 1 | 299 5 | 325 58 | 346 42 | |
| 9 | 191 9 | 228 43 | 266 14 | 300 6 | 326 44 | 347 20 | |
| 10 | 192 24 | 229 59 | 267 27 | 301 7 | 327 30 | 347 57 | |
| 11 | 193 38 | 231 14 | 268 40 | 302 7 | 328 16 | 348 34 | |
| 12 | 194 53 | 232 30 | 269 52 | 303 6 | 329 2 | 349 11 | |
| 13 | 196 7 | 233 45 | 271 4 | 304 5 | 329 47 | 349 47 | |
| 14 | 197 22 | 235 1 | 272 16 | 305 4 | 330 31 | 350 25 | |
| 15 | 198 37 | 236 17 | 273 28 | 306 2 | 331 15 | 351 1 | |
| 16 | 199 51 | 237 33 | 274 39 | 307 0 | 331 58 | 351 38 | |
| 17 | 201 6 | 238 49 | 275 50 | 307 57 | 332 41 | 352 14 | |
| 18 | 202 21 | 240 5 | 277 1 | 308 54 | 333 14 | 352 50 | |
| 19 | 203 36 | 241 21 | 278 11 | 309 50 | 334 7 | 353 26 | |
| 20 | 204 51 | 242 36 | 279 21 | 310 45 | 334 49 | 354 2 | |
| 21 | 206 6 | 243 52 | 280 30 | 311 40 | 335 31 | 354 38 | |
| 22 | 207 21 | 245 7 | 281 39 | 312 34 | 336 13 | 355 14 | |
| 23 | 208 36 | 246 23 | 282 48 | 313 28 | 336 54 | 355 50 | |
| 24 | 209 51 | 247 38 | 283 56 | 314 21 | 337 35 | 356 26 | |
| 25 | 211 6 | 248 53 | 285 4 | 315 14 | 338 16 | 357 2 | |
| 26 | 212 21 | 250 8 | 286 11 | 316 6 | 338 56 | 357 38 | |
| 27 | 213 36 | 251 23 | 287 18 | 316 58 | 339 36 | 358 14 | |
| 28 | 214 52 | 252 38 | 288 25 | 317 50 | 340 16 | 358 48 | |
| 29 | 216 7 | 253 53 | 289 31 | 318 41 | 340 56 | 359 25 | |
| 30 | 217 23 | 255 8 | 290 37 | 319 32 | 341 35 | 360 0 | |

Tabula Ascensionum Obliquarum

| | γ | δ | ε | ζ | η | θ | ιπ |
|----|-------|-------|-------|--------|--------|--------|-----|
| δ | δ m | δ m | δ m | δ m | δ m | δ m | δ m |
| 0 | 0 0 | 18 4 | 39 49 | 68 36 | 104 13 | 142 16 | |
| 1 | 0 35 | 18 43 | 40 39 | 69 41 | 105 28 | 143 32 | |
| 2 | 1 10 | 19 22 | 41 30 | 70 54 | 106 44 | 144 48 | |
| 3 | 1 45 | 20 1 | 42 21 | 71 57 | 107 59 | 146 4 | |
| 4 | 2 20 | 20 40 | 43 12 | 73 1 | 109 15 | 147 20 | |
| 5 | 2 55 | 21 20 | 44 4 | 74 9 | 110 31 | 148 36 | |
| 6 | 3 30 | 22 0 | 44 56 | 75 17 | 111 46 | 149 52 | |
| 7 | 4 5 | 22 41 | 45 49 | 76 25 | 113 2 | 151 8 | |
| 8 | 4 40 | 23 22 | 46 43 | 77 34 | 114 28 | 152 23 | |
| 9 | 5 15 | 24 3 | 47 37 | 78 43 | 115 34 | 153 39 | |
| 10 | 5 51 | 24 44 | 48 32 | 79 53 | 116 50 | 154 54 | |
| 11 | 6 26 | 25 26 | 49 27 | 81 3 | 118 6 | 156 10 | |
| 12 | 7 1 | 26 8 | 50 23 | 82 13 | 119 22 | 157 26 | |
| 13 | 7 37 | 26 50 | 51 19 | 83 24 | 120 39 | 158 41 | |
| 14 | 8 12 | 27 32 | 52 16 | 84 35 | 121 55 | 159 57 | |
| 15 | 8 48 | 28 14 | 53 13 | 85 47 | 123 12 | 161 12 | |
| 16 | 9 24 | 28 57 | 54 11 | 86 59 | 124 28 | 162 28 | |
| 17 | 10 0 | 29 41 | 55 9 | 88 12 | 125 45 | 163 43 | |
| 18 | 10 36 | 30 26 | 56 8 | 89 24 | 127 2 | 164 59 | |
| 19 | 11 12 | 31 11 | 57 7 | 90 37 | 128 18 | 166 14 | |
| 20 | 11 48 | 31 56 | 58 7 | 91 50 | 129 34 | 167 29 | |
| 21 | 12 25 | 32 41 | 59 7 | 93 3 | 130 51 | 168 45 | |
| 22 | 13 2 | 33 27 | 60 8 | 94 17 | 132 7 | 170 0 | |
| 23 | 13 39 | 34 13 | 61 10 | 95 30 | 133 24 | 171 15 | |
| 24 | 14 16 | 35 0 | 62 12 | 96 44 | 134 40 | 172 30 | |
| 25 | 14 54 | 35 47 | 63 15 | 97 58 | 135 56 | 173 45 | |
| 26 | 15 32 | 36 34 | 64 18 | 99 13 | 137 12 | 175 0 | |
| 27 | 16 10 | 37 22 | 65 22 | 100 28 | 138 28 | 176 15 | |
| 28 | 16 48 | 38 10 | 66 26 | 101 43 | 139 44 | 177 30 | |
| 29 | 17 26 | 38 29 | 67 31 | 102 58 | 141 0 | 178 45 | |
| 30 | 18 4 | 39 49 | 68 36 | 103 13 | 142 16 | 180 0 | |

Ad latitudinem .40. Graduum

| | ♈ | | ♉ | | ♊ | | ♋ | | ♌ | | ♍ | |
|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|
| ♁ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ |
| 0 | 180 | 0 | 217 | 44 | 255 | 47 | 291 | 24 | 320 | 11 | 341 | 56 |
| 1 | 181 | 15 | 219 | 0 | 257 | 2 | 292 | 29 | 321 | 1 | 342 | 34 |
| 2 | 182 | 30 | 220 | 16 | 258 | 17 | 293 | 34 | 321 | 50 | 343 | 12 |
| 3 | 183 | 45 | 221 | 32 | 259 | 32 | 294 | 38 | 322 | 38 | 343 | 50 |
| 4 | 185 | 0 | 222 | 48 | 260 | 47 | 295 | 42 | 323 | 26 | 344 | 28 |
| 5 | 186 | 15 | 224 | 4 | 262 | 2 | 296 | 45 | 324 | 13 | 345 | 6 |
| 6 | 187 | 30 | 225 | 20 | 263 | 16 | 297 | 48 | 325 | 0 | 345 | 44 |
| 7 | 188 | 45 | 226 | 36 | 264 | 30 | 298 | 50 | 325 | 47 | 346 | 21 |
| 8 | 190 | 0 | 227 | 53 | 265 | 43 | 299 | 52 | 326 | 33 | 346 | 58 |
| 9 | 191 | 15 | 229 | 9 | 266 | 57 | 300 | 53 | 327 | 19 | 347 | 35 |
| 10 | 192 | 31 | 230 | 26 | 268 | 10 | 301 | 53 | 328 | 4 | 348 | 12 |
| 11 | 193 | 46 | 231 | 42 | 269 | 23 | 302 | 53 | 328 | 49 | 348 | 48 |
| 12 | 195 | 1 | 232 | 58 | 270 | 36 | 303 | 52 | 329 | 34 | 349 | 24 |
| 13 | 196 | 17 | 234 | 15 | 271 | 48 | 304 | 51 | 330 | 19 | 350 | 0 |
| 14 | 197 | 32 | 235 | 32 | 273 | 1 | 305 | 49 | 331 | 3 | 350 | 36 |
| 15 | 198 | 48 | 236 | 48 | 274 | 13 | 306 | 47 | 331 | 46 | 351 | 12 |
| 16 | 200 | 3 | 238 | 5 | 275 | 25 | 307 | 44 | 332 | 28 | 351 | 48 |
| 17 | 201 | 19 | 239 | 21 | 276 | 36 | 308 | 41 | 333 | 10 | 352 | 23 |
| 18 | 202 | 34 | 240 | 38 | 277 | 47 | 309 | 37 | 333 | 52 | 352 | 59 |
| 19 | 203 | 50 | 241 | 54 | 278 | 57 | 310 | 33 | 334 | 34 | 353 | 34 |
| 20 | 205 | 6 | 243 | 10 | 280 | 7 | 311 | 28 | 335 | 16 | 354 | 9 |
| 21 | 206 | 21 | 244 | 26 | 281 | 17 | 312 | 23 | 335 | 57 | 354 | 45 |
| 22 | 207 | 37 | 245 | 42 | 282 | 26 | 313 | 17 | 336 | 38 | 355 | 20 |
| 23 | 208 | 52 | 246 | 58 | 283 | 35 | 314 | 11 | 337 | 19 | 355 | 55 |
| 24 | 210 | 8 | 248 | 14 | 284 | 43 | 315 | 4 | 338 | 0 | 356 | 30 |
| 25 | 211 | 24 | 249 | 29 | 285 | 51 | 315 | 56 | 338 | 40 | 357 | 5 |
| 26 | 212 | 40 | 250 | 45 | 286 | 59 | 316 | 48 | 339 | 20 | 357 | 40 |
| 27 | 213 | 56 | 252 | 1 | 288 | 6 | 317 | 39 | 339 | 59 | 358 | 15 |
| 28 | 215 | 12 | 253 | 16 | 289 | 13 | 318 | 30 | 340 | 38 | 358 | 50 |
| 29 | 216 | 28 | 254 | 32 | 290 | 19 | 319 | 21 | 341 | 17 | 359 | 25 |
| 30 | 217 | 44 | 255 | 47 | 291 | 24 | 320 | 11 | 341 | 56 | 360 | 0 |

Tabula Ascensionum Obliquarum.

| ♁ | γ | | δ | | π | | ♄ | | ♅ | | ♆ | |
|----|----|----|----|----|----|----|-----|----|-----|----|-----|----|
| | ♁ | ♂ | ♁ | ♂ | ♁ | ♂ | ♁ | ♂ | ♁ | ♂ | ♁ | ♂ |
| 0 | 0 | 0 | 17 | 43 | 39 | 9 | 67 | 47 | 103 | 33 | 141 | 55 |
| 1 | 0 | 34 | 18 | 21 | 39 | 58 | 68 | 53 | 104 | 49 | 143 | 12 |
| 2 | 1 | 8 | 18 | 59 | 40 | 48 | 69 | 59 | 106 | 5 | 144 | 29 |
| 3 | 1 | 42 | 19 | 38 | 41 | 39 | 71 | 6 | 107 | 21 | 145 | 45 |
| 4 | 2 | 16 | 20 | 16 | 42 | 30 | 72 | 13 | 108 | 37 | 147 | 2 |
| 5 | 2 | 51 | 20 | 55 | 43 | 22 | 73 | 21 | 109 | 53 | 148 | 18 |
| 6 | 3 | 25 | 21 | 34 | 44 | 14 | 74 | 29 | 111 | 9 | 149 | 35 |
| 7 | 3 | 59 | 22 | 14 | 45 | 7 | 75 | 38 | 112 | 25 | 150 | 52 |
| 8 | 4 | 34 | 22 | 54 | 46 | 0 | 76 | 47 | 113 | 42 | 152 | 8 |
| 9 | 5 | 8 | 23 | 34 | 46 | 53 | 77 | 56 | 114 | 58 | 153 | 25 |
| 10 | 5 | 43 | 24 | 15 | 47 | 47 | 79 | 6 | 116 | 15 | 154 | 41 |
| 11 | 6 | 18 | 24 | 56 | 48 | 42 | 80 | 17 | 117 | 32 | 155 | 58 |
| 12 | 6 | 53 | 25 | 38 | 49 | 38 | 81 | 28 | 118 | 49 | 157 | 14 |
| 13 | 7 | 8 | 26 | 19 | 50 | 34 | 82 | 39 | 120 | 6 | 158 | 30 |
| 14 | 8 | 33 | 27 | 1 | 51 | 30 | 83 | 49 | 121 | 23 | 159 | 46 |
| 15 | 8 | 68 | 27 | 43 | 52 | 27 | 85 | 1 | 122 | 40 | 161 | 2 |
| 16 | 9 | 13 | 28 | 26 | 53 | 25 | 86 | 13 | 123 | 57 | 162 | 18 |
| 17 | 9 | 48 | 29 | 10 | 54 | 23 | 87 | 26 | 125 | 14 | 163 | 34 |
| 18 | 10 | 24 | 29 | 53 | 55 | 22 | 88 | 39 | 126 | 31 | 164 | 50 |
| 19 | 10 | 59 | 30 | 37 | 56 | 21 | 89 | 52 | 127 | 48 | 166 | 6 |
| 20 | 11 | 35 | 31 | 21 | 57 | 20 | 91 | 5 | 129 | 5 | 167 | 21 |
| 21 | 12 | 11 | 32 | 6 | 58 | 20 | 92 | 19 | 130 | 22 | 168 | 37 |
| 22 | 12 | 47 | 32 | 52 | 59 | 21 | 93 | 33 | 131 | 39 | 169 | 53 |
| 23 | 13 | 23 | 33 | 37 | 60 | 22 | 94 | 47 | 132 | 57 | 171 | 9 |
| 24 | 13 | 59 | 34 | 23 | 61 | 24 | 96 | 1 | 134 | 14 | 172 | 25 |
| 25 | 14 | 36 | 35 | 9 | 62 | 27 | 97 | 16 | 135 | 31 | 173 | 41 |
| 26 | 15 | 13 | 35 | 56 | 63 | 30 | 98 | 31 | 136 | 48 | 174 | 57 |
| 27 | 15 | 50 | 36 | 44 | 64 | 34 | 99 | 46 | 138 | 5 | 176 | 13 |
| 28 | 16 | 28 | 37 | 32 | 65 | 38 | 101 | 2 | 139 | 22 | 177 | 29 |
| 29 | 17 | 5 | 38 | 20 | 66 | 42 | 102 | 17 | 140 | 39 | 178 | 45 |
| 30 | 17 | 43 | 39 | 9 | 67 | 47 | 103 | 33 | 141 | 55 | 180 | 0 |

Para sacar direcciones por estas tablas para la elevacion de 41. gr. 45. minutos de polo. Siuemos de considerar primero desde que planeta grado de signo a qual planeta. y grado que se nos saca la direccion y esto segun la succession de los signos y a qual planeta esta direccion que se nos saca quando vendra a tal planeta se llamara el significado y el otro se llamara el promisor. Pues para esto buscaremos el numero del grado del planeta en la primera columna de estas tablas a la mano izquierda. y en derecho de este grado en la columna del signo en que esta el planeta tomaremos el numero, numero que alli hallaremos de grados y minutos y asentarlo semos aparte. Despues miraremos afirmismo el numero que le corresponde al otro planeta a esta quando dirigimos el pui

U. A. B. 8780. B. R. 132

2da latitudinem .41. Graduum

| | ♈ | ♉ | ♊ | ♋ | ♌ | ♍ |
|----|--------|--------|--------|--------|--------|--------|
| B | B m | B m | B m | B m | B m | B m |
| 0 | 180 0 | 218 5 | 256 27 | 292 13 | 320 51 | 342 17 |
| 1 | 181 15 | 219 21 | 257 43 | 293 18 | 321 40 | 342 55 |
| 2 | 182 31 | 220 38 | 258 58 | 294 22 | 322 28 | 343 32 |
| 3 | 183 47 | 221 55 | 260 14 | 295 26 | 323 16 | 344 10 |
| 4 | 185 3 | 223 12 | 261 29 | 296 30 | 324 4 | 344 47 |
| 5 | 186 19 | 224 29 | 262 44 | 297 33 | 324 51 | 345 24 |
| 6 | 187 35 | 225 46 | 263 59 | 298 36 | 325 37 | 346 1 |
| 7 | 188 51 | 227 3 | 265 13 | 299 38 | 326 23 | 346 37 |
| 8 | 190 7 | 228 21 | 266 27 | 300 39 | 327 8 | 347 13 |
| 9 | 191 23 | 229 38 | 267 41 | 301 40 | 327 54 | 347 49 |
| 10 | 192 39 | 230 55 | 268 55 | 302 40 | 328 39 | 348 25 |
| 11 | 193 54 | 232 12 | 270 8 | 303 39 | 329 23 | 349 1 |
| 12 | 195 10 | 233 29 | 271 21 | 304 38 | 330 7 | 349 36 |
| 13 | 196 26 | 234 46 | 272 34 | 305 37 | 330 50 | 350 12 |
| 14 | 197 42 | 236 3 | 273 47 | 306 35 | 331 34 | 350 47 |
| 15 | 198 58 | 237 20 | 274 59 | 307 33 | 332 17 | 351 22 |
| 16 | 200 14 | 238 37 | 276 11 | 308 30 | 332 59 | 351 57 |
| 17 | 201 30 | 239 54 | 277 21 | 309 26 | 333 41 | 352 32 |
| 18 | 202 46 | 241 11 | 278 32 | 310 22 | 334 22 | 353 7 |
| 19 | 204 2 | 242 28 | 279 43 | 311 18 | 335 4 | 353 42 |
| 20 | 205 19 | 243 45 | 280 54 | 312 13 | 335 45 | 354 17 |
| 21 | 206 35 | 245 2 | 282 4 | 313 7 | 336 26 | 354 52 |
| 22 | 207 52 | 246 18 | 283 13 | 314 0 | 337 6 | 355 26 |
| 23 | 209 8 | 247 35 | 284 22 | 314 53 | 337 46 | 356 1 |
| 24 | 210 25 | 248 51 | 285 31 | 315 46 | 338 36 | 356 35 |
| 25 | 211 42 | 250 7 | 286 39 | 316 38 | 339 5 | 357 9 |
| 26 | 212 58 | 251 23 | 287 47 | 317 30 | 339 44 | 357 44 |
| 27 | 214 15 | 252 39 | 288 54 | 318 21 | 340 22 | 358 18 |
| 28 | 215 31 | 253 55 | 290 1 | 319 12 | 341 1 | 358 52 |
| 29 | 216 48 | 255 11 | 291 7 | 320 2 | 341 59 | 359 26 |
| 30 | 218 5 | 256 27 | 292 13 | 320 51 | 342 17 | 360 0 |

noto, segun engue signo y grado lo salta xerndt, y el numero de los gradst y minutos que sacaxerndt de la manera dicha los apartaxerndt encima de los gradst del primer planeta y subtraher el menor del mayor y lo que restare de gradst y minutos significaran los años meses y dias quando llegara la direccion del dicho signo fiera al promisor, dando por cada grado un año, por cada cinco minutos un mes. y por cada minuto seis dias. y segun la buena o mala disposicion del promisor en el tal dia affiera el efecto de aquella direccion.

Tabula Ascensionum Obliquarum

| | γ | δ | π | ε | ζ | η |
|----|-------|-------|-------|--------|--------|--------|
| δ | δ m | δ m | δ m | δ m | δ m | δ m |
| 0 | 0 0 | 17 21 | 38 27 | 66 57 | 102 51 | 141 33 |
| 1 | 0 33 | 17 58 | 39 16 | 68 3 | 104 7 | 142 51 |
| 2 | 1 6 | 18 36 | 40 6 | 69 9 | 105 24 | 144 8 |
| 3 | 1 40 | 19 13 | 40 56 | 70 16 | 106 40 | 145 26 |
| 4 | 2 13 | 19 51 | 41 46 | 71 23 | 107 57 | 146 43 |
| 5 | 2 47 | 20 29 | 42 37 | 72 31 | 109 14 | 148 0 |
| 6 | 3 20 | 21 8 | 43 28 | 73 39 | 110 31 | 149 18 |
| 7 | 3 54 | 21 48 | 44 20 | 74 47 | 111 48 | 150 35 |
| 8 | 4 28 | 22 27 | 45 13 | 75 56 | 113 5 | 151 52 |
| 9 | 5 2 | 23 6 | 46 7 | 77 6 | 114 22 | 153 9 |
| 10 | 5 36 | 23 46 | 47 1 | 78 16 | 115 40 | 154 26 |
| 11 | 6 10 | 24 26 | 47 56 | 79 27 | 116 57 | 155 43 |
| 12 | 6 44 | 25 7 | 48 51 | 80 38 | 118 15 | 157 0 |
| 13 | 7 18 | 25 48 | 49 47 | 81 50 | 119 32 | 158 17 |
| 14 | 7 52 | 26 29 | 50 43 | 83 1 | 120 50 | 159 34 |
| 15 | 8 26 | 27 10 | 51 39 | 84 13 | 122 8 | 160 50 |
| 16 | 9 0 | 27 52 | 52 36 | 85 26 | 123 25 | 162 7 |
| 17 | 9 35 | 28 35 | 53 34 | 86 39 | 124 43 | 163 24 |
| 18 | 10 10 | 29 18 | 54 32 | 87 52 | 126 0 | 164 41 |
| 19 | 10 45 | 30 2 | 55 31 | 89 5 | 127 13 | 165 58 |
| 20 | 11 20 | 30 46 | 56 30 | 90 19 | 128 36 | 167 24 |
| 21 | 11 55 | 31 30 | 57 30 | 91 33 | 129 54 | 168 31 |
| 22 | 12 31 | 32 15 | 58 31 | 92 47 | 131 12 | 169 48 |
| 23 | 13 6 | 33 0 | 59 32 | 94 2 | 132 30 | 171 4 |
| 24 | 13 42 | 33 45 | 60 34 | 95 16 | 133 48 | 172 21 |
| 25 | 14 18 | 34 30 | 61 37 | 96 31 | 135 5 | 173 37 |
| 26 | 14 54 | 35 16 | 62 40 | 97 47 | 136 23 | 174 54 |
| 27 | 15 31 | 36 3 | 63 44 | 99 3 | 137 41 | 176 11 |
| 28 | 16 7 | 36 50 | 64 48 | 100 19 | 138 52 | 177 27 |
| 29 | 16 44 | 37 38 | 65 52 | 101 35 | 140 16 | 178 44 |
| 30 | 17 21 | 38 27 | 66 57 | 102 51 | 141 33 | 180 0 |

Ad latitudinem .42. Graduum

| | ♈ | | ♉ | | ♊ | | ♋ | | ♌ | | ♍ | |
|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|
| ♁ | ♂ | ♁ | ♂ | ♁ | ♂ | ♁ | ♂ | ♁ | ♂ | ♁ | ♂ | ♁ |
| 0 | 180 | 0 | 218 | 27 | 257 | 9 | 293 | 3 | 321 | 33 | 342 | 39 |
| 1 | 181 | 16 | 219 | 44 | 258 | 25 | 294 | 8 | 322 | 22 | 343 | 16 |
| 2 | 182 | 33 | 221 | 2 | 259 | 41 | 295 | 12 | 323 | 10 | 343 | 53 |
| 3 | 183 | 49 | 222 | 19 | 260 | 57 | 296 | 16 | 323 | 57 | 344 | 29 |
| 4 | 185 | 6 | 223 | 37 | 262 | 13 | 297 | 20 | 324 | 44 | 345 | 6 |
| 5 | 186 | 23 | 224 | 55 | 263 | 29 | 298 | 23 | 325 | 30 | 345 | 42 |
| 6 | 187 | 39 | 226 | 12 | 264 | 44 | 299 | 26 | 326 | 15 | 346 | 18 |
| 7 | 188 | 56 | 227 | 30 | 265 | 58 | 300 | 28 | 327 | 0 | 346 | 54 |
| 8 | 190 | 12 | 228 | 48 | 267 | 13 | 301 | 29 | 327 | 45 | 347 | 29 |
| 9 | 191 | 29 | 230 | 6 | 268 | 27 | 302 | 30 | 328 | 30 | 348 | 5 |
| 10 | 192 | 46 | 231 | 24 | 269 | 41 | 303 | 30 | 329 | 14 | 348 | 40 |
| 11 | 194 | 2 | 232 | 42 | 270 | 55 | 304 | 29 | 329 | 58 | 349 | 15 |
| 12 | 195 | 19 | 234 | 0 | 272 | 8 | 305 | 28 | 330 | 42 | 349 | 50 |
| 13 | 196 | 36 | 235 | 17 | 273 | 21 | 306 | 26 | 331 | 25 | 350 | 25 |
| 14 | 197 | 53 | 236 | 35 | 274 | 34 | 307 | 24 | 332 | 8 | 351 | 0 |
| 15 | 199 | 10 | 237 | 52 | 275 | 47 | 308 | 21 | 332 | 50 | 351 | 34 |
| 16 | 200 | 26 | 239 | 10 | 276 | 59 | 309 | 17 | 333 | 31 | 352 | 8 |
| 17 | 201 | 43 | 240 | 28 | 278 | 10 | 310 | 13 | 334 | 12 | 352 | 32 |
| 18 | 203 | 0 | 241 | 45 | 279 | 22 | 311 | 9 | 334 | 53 | 353 | 16 |
| 19 | 204 | 17 | 243 | 3 | 280 | 33 | 312 | 4 | 335 | 34 | 353 | 50 |
| 20 | 205 | 34 | 244 | 20 | 281 | 44 | 312 | 59 | 336 | 14 | 354 | 24 |
| 21 | 206 | 51 | 245 | 38 | 282 | 54 | 313 | 53 | 336 | 54 | 354 | 58 |
| 22 | 208 | 8 | 246 | 55 | 284 | 4 | 314 | 47 | 337 | 33 | 355 | 32 |
| 23 | 209 | 25 | 248 | 12 | 285 | 13 | 315 | 40 | 338 | 12 | 356 | 6 |
| 24 | 210 | 42 | 249 | 29 | 286 | 21 | 316 | 32 | 338 | 52 | 356 | 40 |
| 25 | 212 | 0 | 250 | 46 | 287 | 29 | 317 | 23 | 339 | 31 | 357 | 13 |
| 26 | 213 | 17 | 252 | 3 | 288 | 37 | 318 | 14 | 340 | 9 | 357 | 47 |
| 27 | 214 | 34 | 253 | 20 | 289 | 44 | 319 | 4 | 340 | 47 | 358 | 20 |
| 28 | 215 | 52 | 254 | 36 | 290 | 51 | 319 | 54 | 341 | 24 | 358 | 54 |
| 29 | 217 | 9 | 255 | 53 | 291 | 57 | 320 | 44 | 342 | 2 | 359 | 27 |
| 30 | 218 | 27 | 257 | 9 | 293 | 3 | 321 | 33 | 342 | 39 | 360 | 0 |

Tabula Ascensionum Obliquarum.

| ♁ | ♋ | | ♌ | | ♍ | | ♎ | | ♏ | | ♐ | |
|----|----|----|----|----|----|----|-----|----|-----|----|-----|----|
| | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ |
| 0 | 0 | 0 | 16 | 58 | 37 | 44 | 66 | 5 | 102 | 8 | 141 | 10 |
| 1 | 0 | 32 | 17 | 35 | 38 | 32 | 67 | 5 | 103 | 25 | 142 | 29 |
| 2 | 1 | 5 | 18 | 12 | 39 | 22 | 68 | 17 | 104 | 42 | 143 | 47 |
| 3 | 1 | 38 | 18 | 49 | 40 | 12 | 69 | 24 | 105 | 59 | 145 | 5 |
| 4 | 2 | 11 | 19 | 26 | 41 | 2 | 70 | 31 | 107 | 16 | 146 | 23 |
| 5 | 2 | 44 | 20 | 3 | 41 | 52 | 71 | 39 | 108 | 34 | 147 | 41 |
| 6 | 3 | 16 | 20 | 41 | 42 | 43 | 72 | 47 | 109 | 51 | 148 | 59 |
| 7 | 3 | 49 | 21 | 20 | 43 | 35 | 73 | 55 | 111 | 9 | 150 | 17 |
| 8 | 4 | 22 | 21 | 58 | 44 | 27 | 75 | 4 | 112 | 27 | 151 | 35 |
| 9 | 4 | 55 | 22 | 37 | 45 | 20 | 76 | 14 | 113 | 45 | 152 | 53 |
| 10 | 5 | 28 | 23 | 16 | 46 | 13 | 77 | 25 | 115 | 3 | 154 | 10 |
| 11 | 6 | 1 | 23 | 56 | 47 | 7 | 78 | 36 | 116 | 21 | 155 | 28 |
| 12 | 6 | 34 | 24 | 36 | 48 | 2 | 79 | 48 | 117 | 39 | 156 | 46 |
| 13 | 7 | 8 | 25 | 16 | 48 | 57 | 80 | 59 | 118 | 58 | 158 | 4 |
| 14 | 7 | 41 | 25 | 56 | 49 | 53 | 82 | 11 | 120 | 16 | 159 | 22 |
| 15 | 8 | 15 | 26 | 37 | 50 | 49 | 83 | 23 | 121 | 35 | 160 | 39 |
| 16 | 8 | 48 | 27 | 19 | 51 | 46 | 84 | 36 | 122 | 53 | 161 | 56 |
| 17 | 9 | 22 | 28 | 1 | 52 | 44 | 85 | 50 | 124 | 11 | 163 | 13 |
| 18 | 9 | 56 | 28 | 44 | 53 | 42 | 87 | 4 | 125 | 29 | 164 | 31 |
| 19 | 10 | 30 | 29 | 26 | 54 | 40 | 88 | 17 | 126 | 47 | 165 | 48 |
| 20 | 11 | 4 | 30 | 9 | 55 | 39 | 89 | 31 | 128 | 6 | 167 | 6 |
| 21 | 11 | 39 | 30 | 53 | 56 | 39 | 90 | 46 | 129 | 25 | 168 | 23 |
| 22 | 12 | 14 | 31 | 37 | 57 | 40 | 92 | 1 | 130 | 43 | 169 | 41 |
| 23 | 12 | 49 | 32 | 21 | 58 | 41 | 93 | 16 | 132 | 2 | 170 | 58 |
| 24 | 13 | 24 | 33 | 5 | 59 | 43 | 94 | 31 | 133 | 21 | 172 | 16 |
| 25 | 13 | 54 | 33 | 50 | 60 | 45 | 95 | 46 | 134 | 39 | 173 | 34 |
| 26 | 14 | 34 | 34 | 35 | 61 | 48 | 97 | 2 | 135 | 58 | 174 | 51 |
| 27 | 15 | 10 | 35 | 21 | 62 | 51 | 98 | 18 | 137 | 16 | 176 | 8 |
| 28 | 15 | 46 | 36 | 8 | 63 | 55 | 99 | 35 | 138 | 34 | 177 | 25 |
| 29 | 16 | 22 | 36 | 56 | 65 | 0 | 100 | 51 | 139 | 52 | 178 | 42 |
| 30 | 16 | 58 | 37 | 44 | 66 | 5 | 102 | 8 | 141 | 10 | 180 | 0 |

Ad latitudinem .43. Graduum.

| h | ♈ | | ♉ | | ♊ | | ♋ | | ♌ | | | |
|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|
| | h | m | h | m | h | m | h | m | h | m | | |
| 0 | 180 | 0 | 218 | 50 | 257 | 52 | 293 | 55 | 322 | 16 | 343 | 2 |
| 1 | 181 | 18 | 220 | 8 | 259 | 9 | 295 | 0 | 323 | 4 | 343 | 38 |
| 2 | 182 | 35 | 221 | 26 | 260 | 25 | 296 | 5 | 323 | 52 | 344 | 14 |
| 3 | 183 | 52 | 222 | 44 | 261 | 42 | 297 | 0 | 324 | 39 | 344 | 50 |
| 4 | 185 | 9 | 224 | 2 | 262 | 58 | 298 | 12 | 325 | 25 | 345 | 26 |
| 5 | 186 | 26 | 225 | 21 | 264 | 14 | 299 | 15 | 326 | 10 | 346 | 1 |
| 6 | 187 | 44 | 226 | 39 | 265 | 29 | 300 | 17 | 326 | 55 | 346 | 36 |
| 7 | 189 | 2 | 227 | 58 | 266 | 44 | 301 | 19 | 327 | 39 | 347 | 11 |
| 8 | 190 | 19 | 229 | 17 | 267 | 59 | 302 | 20 | 328 | 23 | 347 | 46 |
| 9 | 191 | 37 | 230 | 35 | 269 | 14 | 303 | 21 | 329 | 7 | 348 | 21 |
| 10 | 192 | 54 | 231 | 54 | 270 | 29 | 304 | 21 | 329 | 51 | 348 | 56 |
| 11 | 194 | 12 | 233 | 13 | 271 | 43 | 305 | 20 | 330 | 34 | 349 | 30 |
| 12 | 195 | 29 | 234 | 31 | 272 | 56 | 306 | 18 | 331 | 16 | 350 | 4 |
| 13 | 196 | 47 | 235 | 49 | 274 | 10 | 307 | 16 | 331 | 59 | 350 | 38 |
| 14 | 198 | 4 | 237 | 7 | 275 | 24 | 308 | 14 | 332 | 41 | 351 | 12 |
| 15 | 199 | 21 | 238 | 25 | 276 | 37 | 309 | 11 | 333 | 23 | 351 | 45 |
| 16 | 200 | 38 | 239 | 40 | 277 | 49 | 310 | 7 | 334 | 4 | 352 | 19 |
| 17 | 201 | 56 | 241 | 2 | 279 | 1 | 311 | 3 | 334 | 44 | 352 | 52 |
| 18 | 203 | 14 | 242 | 21 | 280 | 12 | 311 | 58 | 335 | 24 | 353 | 26 |
| 19 | 204 | 32 | 243 | 39 | 281 | 24 | 312 | 53 | 336 | 4 | 353 | 59 |
| 20 | 205 | 50 | 244 | 57 | 282 | 35 | 313 | 47 | 336 | 44 | 354 | 32 |
| 21 | 207 | 7 | 246 | 15 | 283 | 46 | 314 | 40 | 337 | 23 | 355 | 5 |
| 22 | 208 | 25 | 247 | 33 | 284 | 56 | 315 | 33 | 338 | 2 | 355 | 38 |
| 23 | 209 | 43 | 248 | 51 | 286 | 5 | 316 | 25 | 338 | 40 | 356 | 11 |
| 24 | 211 | 1 | 250 | 9 | 287 | 13 | 317 | 17 | 339 | 19 | 356 | 44 |
| 25 | 212 | 19 | 251 | 26 | 288 | 21 | 318 | 8 | 339 | 57 | 357 | 16 |
| 26 | 213 | 37 | 252 | 44 | 289 | 29 | 318 | 58 | 340 | 34 | 357 | 49 |
| 27 | 214 | 55 | 254 | 1 | 290 | 36 | 319 | 48 | 341 | 11 | 358 | 22 |
| 28 | 216 | 13 | 255 | 18 | 291 | 43 | 320 | 38 | 341 | 48 | 358 | 55 |
| 29 | 217 | 31 | 256 | 35 | 292 | 49 | 321 | 27 | 342 | 25 | 359 | 28 |
| 30 | 218 | 50 | 257 | 52 | 293 | 55 | 322 | 16 | 343 | 2 | 360 | 0 |

Tabula Ascensionum Obliquarum

| | V | ♄ | ♃ | ♂ | ♁ | ♁ | ♃ |
|----|-------|-------|-------|--------|--------|--------|-----|
| ♁ | ♁ m | ♁ m | ♁ m | ♁ m | ♁ m | ♁ m | ♁ m |
| 0 | 0 0 | 16 34 | 36 59 | 65 10 | 101 23 | 140 46 | |
| 1 | 0 32 | 17 10 | 37 47 | 66 15 | 102 40 | 142 5 | |
| 2 | 1 4 | 17 46 | 38 36 | 67 21 | 103 56 | 143 24 | |
| 3 | 1 36 | 18 22 | 39 25 | 68 28 | 105 16 | 144 43 | |
| 4 | 2 8 | 18 58 | 40 14 | 69 36 | 106 34 | 146 2 | |
| 5 | 2 40 | 19 35 | 41 4 | 70 44 | 107 52 | 147 21 | |
| 6 | 3 12 | 20 12 | 41 55 | 71 53 | 109 10 | 148 40 | |
| 7 | 3 44 | 20 50 | 42 46 | 73 2 | 110 28 | 149 59 | |
| 8 | 4 16 | 21 28 | 43 38 | 74 12 | 111 47 | 151 18 | |
| 9 | 4 48 | 22 6 | 44 30 | 75 22 | 113 5 | 152 37 | |
| 10 | 5 20 | 22 45 | 45 23 | 76 32 | 114 24 | 153 55 | |
| 11 | 5 52 | 23 24 | 46 17 | 77 43 | 115 43 | 155 14 | |
| 12 | 6 35 | 24 3 | 47 11 | 78 54 | 117 2 | 156 32 | |
| 13 | 6 57 | 24 43 | 48 6 | 80 6 | 118 21 | 157 51 | |
| 14 | 7 30 | 25 22 | 49 1 | 81 18 | 119 41 | 159 9 | |
| 15 | 8 3 | 26 2 | 49 57 | 82 31 | 121 0 | 160 27 | |
| 16 | 8 36 | 26 43 | 50 53 | 83 44 | 122 19 | 161 46 | |
| 17 | 9 9 | 27 25 | 51 50 | 84 58 | 123 38 | 163 4 | |
| 18 | 9 42 | 28 6 | 52 48 | 86 12 | 124 57 | 164 22 | |
| 19 | 10 15 | 28 48 | 53 47 | 87 26 | 126 16 | 165 40 | |
| 20 | 10 49 | 29 30 | 54 46 | 88 41 | 127 35 | 166 58 | |
| 21 | 11 23 | 30 13 | 55 45 | 89 56 | 128 54 | 168 17 | |
| 22 | 11 57 | 30 57 | 56 45 | 91 11 | 130 13 | 169 35 | |
| 23 | 12 31 | 31 40 | 57 46 | 92 27 | 131 33 | 170 54 | |
| 24 | 13 5 | 32 24 | 58 48 | 93 42 | 132 52 | 172 12 | |
| 25 | 13 39 | 33 8 | 59 50 | 94 58 | 134 11 | 173 30 | |
| 26 | 14 14 | 33 53 | 60 53 | 96 15 | 135 30 | 174 48 | |
| 27 | 14 49 | 34 39 | 61 57 | 97 32 | 136 49 | 176 6 | |
| 28 | 15 24 | 35 25 | 63 1 | 98 49 | 138 8 | 177 24 | |
| 29 | 15 59 | 36 12 | 64 6 | 100 6 | 139 27 | 178 42 | |
| 30 | 16 34 | 36 56 | 65 10 | 101 23 | 140 46 | 180 0 | |

Ad latitudinem .44. Graduum

| S | ♈ | | ♉ | | ♊ | | ♋ | | ♌ | | ♍ | |
|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|
| | S | m | S | m | S | m | S | m | S | m | S | m |
| 0 | 180 | 0 | 219 | 14 | 258 | 37 | 294 | 50 | 323 | 1 | 343 | 26 |
| 1 | 181 | 18 | 220 | 33 | 259 | 54 | 295 | 55 | 323 | 48 | 344 | 1 |
| 2 | 182 | 36 | 221 | 52 | 261 | 11 | 296 | 59 | 324 | 35 | 344 | 36 |
| 3 | 183 | 54 | 223 | 11 | 262 | 28 | 298 | 3 | 325 | 21 | 345 | 11 |
| 4 | 185 | 12 | 224 | 30 | 263 | 45 | 299 | 7 | 326 | 7 | 345 | 46 |
| 5 | 186 | 30 | 225 | 49 | 265 | 2 | 300 | 10 | 326 | 52 | 346 | 21 |
| 6 | 187 | 48 | 227 | 8 | 266 | 18 | 301 | 12 | 327 | 36 | 346 | 55 |
| 7 | 189 | 6 | 228 | 27 | 267 | 33 | 302 | 14 | 328 | 20 | 347 | 29 |
| 8 | 190 | 25 | 229 | 47 | 268 | 49 | 303 | 15 | 329 | 3 | 348 | 3 |
| 9 | 191 | 43 | 231 | 6 | 270 | 4 | 304 | 15 | 329 | 47 | 348 | 37 |
| 10 | 193 | 2 | 232 | 25 | 271 | 19 | 305 | 14 | 330 | 30 | 349 | 11 |
| 11 | 194 | 20 | 233 | 44 | 272 | 34 | 306 | 13 | 331 | 12 | 349 | 45 |
| 12 | 195 | 38 | 235 | 3 | 273 | 48 | 307 | 12 | 331 | 54 | 350 | 18 |
| 13 | 196 | 56 | 236 | 22 | 275 | 2 | 308 | 10 | 332 | 35 | 350 | 51 |
| 14 | 198 | 14 | 237 | 41 | 276 | 16 | 309 | 7 | 333 | 17 | 351 | 24 |
| 15 | 199 | 33 | 239 | 0 | 277 | 29 | 310 | 3 | 333 | 58 | 351 | 57 |
| 16 | 200 | 51 | 240 | 19 | 278 | 42 | 310 | 59 | 334 | 38 | 352 | 30 |
| 17 | 202 | 9 | 241 | 39 | 279 | 54 | 311 | 54 | 335 | 17 | 353 | 3 |
| 18 | 203 | 28 | 242 | 58 | 281 | 6 | 312 | 49 | 335 | 57 | 353 | 35 |
| 19 | 204 | 46 | 244 | 17 | 282 | 17 | 313 | 43 | 336 | 36 | 354 | 8 |
| 20 | 206 | 5 | 245 | 36 | 283 | 28 | 314 | 37 | 337 | 15 | 354 | 40 |
| 21 | 207 | 23 | 246 | 55 | 284 | 38 | 315 | 30 | 337 | 54 | 355 | 12 |
| 22 | 208 | 42 | 248 | 13 | 285 | 48 | 316 | 22 | 338 | 32 | 355 | 44 |
| 23 | 210 | 1 | 249 | 32 | 286 | 58 | 317 | 14 | 339 | 10 | 356 | 16 |
| 24 | 211 | 20 | 250 | 50 | 288 | 7 | 318 | 5 | 339 | 48 | 356 | 48 |
| 25 | 212 | 39 | 252 | 8 | 289 | 16 | 318 | 56 | 340 | 25 | 357 | 20 |
| 26 | 213 | 58 | 253 | 26 | 290 | 24 | 319 | 46 | 341 | 2 | 357 | 52 |
| 27 | 215 | 17 | 254 | 44 | 291 | 32 | 320 | 35 | 341 | 38 | 358 | 24 |
| 28 | 216 | 36 | 256 | 2 | 292 | 39 | 321 | 24 | 342 | 14 | 358 | 56 |
| 29 | 217 | 55 | 257 | 20 | 293 | 45 | 322 | 13 | 342 | 50 | 359 | 28 |
| 30 | 219 | 14 | 258 | 37 | 294 | 50 | 323 | 1 | 343 | 26 | 360 | 0 |

Tabula Ascensionum Obliquarum.

| ♁ | γ | | δ | | π | | ε | | ♁ | | ♃ | |
|----|----|----|----|----|----|----|-----|----|-----|----|-----|----|
| | ♁ | ♂ | ♁ | ♂ | ♁ | ♂ | ♁ | ♂ | ♁ | ♂ | ♁ | ♂ |
| 0 | 0 | 0 | 16 | 10 | 36 | 13 | 64 | 14 | 100 | 37 | 140 | 22 |
| 1 | 0 | 31 | 16 | 45 | 37 | 0 | 65 | 20 | 101 | 55 | 141 | 42 |
| 2 | 1 | 2 | 17 | 20 | 37 | 48 | 66 | 26 | 103 | 13 | 143 | 2 |
| 3 | 1 | 33 | 17 | 56 | 38 | 36 | 67 | 33 | 104 | 32 | 144 | 21 |
| 4 | 2 | 4 | 18 | 31 | 39 | 25 | 68 | 40 | 105 | 50 | 145 | 41 |
| 5 | 2 | 35 | 19 | 7 | 40 | 15 | 69 | 48 | 107 | 9 | 147 | 0 |
| 6 | 3 | 6 | 19 | 43 | 41 | 5 | 70 | 56 | 108 | 28 | 148 | 20 |
| 7 | 3 | 37 | 20 | 20 | 41 | 56 | 72 | 5 | 109 | 47 | 149 | 40 |
| 8 | 4 | 9 | 20 | 57 | 42 | 47 | 73 | 15 | 111 | 6 | 150 | 59 |
| 9 | 4 | 40 | 21 | 34 | 43 | 39 | 74 | 25 | 112 | 25 | 152 | 19 |
| 10 | 5 | 12 | 22 | 12 | 44 | 31 | 75 | 36 | 113 | 44 | 153 | 38 |
| 11 | 5 | 43 | 22 | 50 | 45 | 24 | 76 | 48 | 115 | 3 | 154 | 58 |
| 12 | 6 | 15 | 23 | 29 | 46 | 18 | 78 | 0 | 116 | 23 | 156 | 17 |
| 13 | 6 | 47 | 24 | 8 | 47 | 12 | 79 | 12 | 117 | 42 | 157 | 37 |
| 14 | 7 | 19 | 24 | 47 | 48 | 7 | 80 | 24 | 119 | 2 | 158 | 56 |
| 15 | 7 | 51 | 25 | 26 | 49 | 3 | 81 | 37 | 120 | 22 | 160 | 15 |
| 16 | 8 | 33 | 26 | 6 | 49 | 59 | 82 | 51 | 121 | 42 | 161 | 34 |
| 17 | 8 | 55 | 26 | 47 | 50 | 56 | 84 | 5 | 123 | 2 | 162 | 53 |
| 18 | 9 | 27 | 27 | 28 | 51 | 53 | 85 | 20 | 124 | 22 | 164 | 12 |
| 19 | 9 | 59 | 28 | 9 | 52 | 51 | 86 | 34 | 125 | 42 | 165 | 31 |
| 20 | 10 | 32 | 28 | 50 | 53 | 50 | 87 | 49 | 127 | 2 | 166 | 50 |
| 21 | 11 | 5 | 29 | 32 | 54 | 49 | 89 | 4 | 128 | 22 | 168 | 9 |
| 22 | 11 | 38 | 30 | 15 | 55 | 49 | 90 | 20 | 129 | 42 | 169 | 28 |
| 23 | 12 | 11 | 30 | 58 | 56 | 50 | 91 | 36 | 131 | 3 | 170 | 47 |
| 24 | 12 | 44 | 31 | 41 | 57 | 52 | 92 | 52 | 132 | 23 | 172 | 6 |
| 25 | 13 | 18 | 32 | 25 | 58 | 54 | 94 | 9 | 133 | 43 | 173 | 25 |
| 26 | 13 | 52 | 33 | 10 | 59 | 57 | 95 | 26 | 135 | 3 | 174 | 44 |
| 27 | 14 | 26 | 33 | 56 | 61 | 0 | 96 | 44 | 136 | 23 | 176 | 3 |
| 28 | 15 | 1 | 34 | 41 | 62 | 4 | 98 | 1 | 137 | 43 | 177 | 22 |
| 29 | 15 | 35 | 35 | 21 | 63 | 9 | 99 | 19 | 139 | 3 | 178 | 41 |
| 30 | 16 | 10 | 36 | 13 | 64 | 14 | 100 | 37 | 140 | 22 | 180 | 0 |

Ad latitudinem .45. Graduum.

| S | ♈ | | ♉ | | ♊ | | ♋ | | ♌ | | | |
|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|
| | S | m | S | m | S | m | S | m | S | m | | |
| 0 | 180 | 0 | 219 | 38 | 259 | 23 | 295 | 46 | 323 | 47 | 343 | 50 |
| 1 | 181 | 19 | 220 | 57 | 260 | 41 | 296 | 51 | 324 | 33 | 344 | 25 |
| 2 | 182 | 38 | 222 | 17 | 261 | 59 | 297 | 56 | 325 | 19 | 344 | 59 |
| 3 | 183 | 57 | 223 | 37 | 263 | 16 | 299 | 0 | 326 | 4 | 345 | 34 |
| 4 | 185 | 16 | 224 | 57 | 264 | 34 | 300 | 3 | 326 | 50 | 346 | 8 |
| 5 | 186 | 35 | 226 | 17 | 265 | 51 | 301 | 6 | 327 | 35 | 346 | 42 |
| 6 | 187 | 54 | 227 | 37 | 267 | 8 | 302 | 8 | 328 | 19 | 347 | 16 |
| 7 | 189 | 13 | 228 | 57 | 268 | 24 | 303 | 10 | 329 | 2 | 347 | 49 |
| 8 | 190 | 32 | 230 | 18 | 269 | 40 | 304 | 11 | 329 | 45 | 348 | 22 |
| 9 | 191 | 51 | 231 | 38 | 270 | 56 | 305 | 11 | 330 | 28 | 348 | 55 |
| 10 | 193 | 10 | 232 | 58 | 272 | 11 | 306 | 10 | 331 | 10 | 349 | 28 |
| 11 | 194 | 29 | 234 | 18 | 273 | 26 | 307 | 9 | 331 | 51 | 350 | 1 |
| 12 | 195 | 48 | 235 | 38 | 274 | 40 | 308 | 7 | 332 | 32 | 350 | 33 |
| 13 | 197 | 7 | 236 | 58 | 275 | 55 | 309 | 4 | 333 | 13 | 351 | 5 |
| 14 | 198 | 26 | 238 | 18 | 277 | 9 | 310 | 1 | 333 | 54 | 351 | 37 |
| 15 | 199 | 45 | 239 | 38 | 278 | 23 | 310 | 57 | 334 | 34 | 352 | 9 |
| 16 | 201 | 4 | 240 | 58 | 279 | 36 | 311 | 53 | 335 | 13 | 352 | 41 |
| 17 | 202 | 23 | 242 | 18 | 280 | 48 | 312 | 48 | 335 | 52 | 353 | 13 |
| 18 | 203 | 43 | 243 | 37 | 282 | 0 | 313 | 42 | 336 | 31 | 353 | 45 |
| 19 | 205 | 2 | 244 | 57 | 283 | 12 | 314 | 36 | 337 | 10 | 354 | 17 |
| 20 | 206 | 22 | 246 | 16 | 284 | 24 | 315 | 29 | 337 | 48 | 354 | 48 |
| 21 | 207 | 41 | 247 | 35 | 285 | 35 | 316 | 21 | 338 | 26 | 355 | 20 |
| 22 | 209 | 1 | 248 | 54 | 286 | 45 | 317 | 13 | 339 | 3 | 355 | 51 |
| 23 | 210 | 20 | 250 | 13 | 287 | 55 | 318 | 4 | 339 | 40 | 356 | 23 |
| 24 | 211 | 40 | 251 | 32 | 289 | 4 | 318 | 55 | 340 | 17 | 356 | 54 |
| 25 | 213 | 0 | 252 | 51 | 290 | 12 | 319 | 45 | 340 | 53 | 357 | 25 |
| 26 | 214 | 19 | 254 | 10 | 291 | 20 | 320 | 35 | 341 | 29 | 347 | 56 |
| 27 | 215 | 39 | 255 | 28 | 292 | 27 | 321 | 24 | 342 | 4 | 358 | 27 |
| 28 | 216 | 58 | 256 | 47 | 293 | 34 | 322 | 12 | 342 | 40 | 358 | 58 |
| 29 | 218 | 18 | 258 | 5 | 294 | 40 | 323 | 0 | 343 | 15 | 359 | 29 |
| 30 | 219 | 38 | 259 | 23 | 295 | 46 | 323 | 47 | 343 | 50 | 360 | 0 |

Tabula Ascensionum Obliquarum

| S | γ | | δ | | ε | | ζ | | η | | ιπ | |
|----|----|----|----|----|----|----|----|----|-----|----|-----|----|
| | S | m | S | m | S | m | S | m | S | m | S | m |
| 0 | 0 | 0 | 15 | 44 | 35 | 24 | 63 | 14 | 99 | 48 | 139 | 56 |
| 1 | 0 | 30 | 16 | 18 | 36 | 11 | 64 | 20 | 101 | 7 | 141 | 17 |
| 2 | 1 | 0 | 16 | 53 | 36 | 58 | 65 | 27 | 102 | 26 | 142 | 38 |
| 3 | 1 | 30 | 17 | 27 | 37 | 46 | 66 | 34 | 103 | 45 | 143 | 58 |
| 4 | 2 | 0 | 18 | 2 | 38 | 34 | 67 | 41 | 105 | 4 | 145 | 19 |
| 5 | 2 | 31 | 18 | 37 | 39 | 23 | 68 | 49 | 106 | 24 | 146 | 39 |
| 6 | 3 | 1 | 19 | 13 | 40 | 12 | 69 | 58 | 107 | 43 | 148 | 0 |
| 7 | 3 | 32 | 19 | 49 | 41 | 2 | 71 | 8 | 109 | 3 | 149 | 20 |
| 8 | 4 | 2 | 20 | 26 | 41 | 53 | 72 | 18 | 110 | 23 | 150 | 41 |
| 9 | 4 | 33 | 21 | 2 | 42 | 45 | 73 | 28 | 111 | 43 | 152 | 1 |
| 10 | 5 | 4 | 21 | 39 | 43 | 37 | 74 | 39 | 113 | 3 | 153 | 21 |
| 11 | 5 | 34 | 22 | 16 | 44 | 30 | 75 | 51 | 114 | 23 | 154 | 42 |
| 12 | 6 | 5 | 22 | 54 | 45 | 24 | 77 | 3 | 115 | 44 | 156 | 2 |
| 13 | 6 | 36 | 23 | 32 | 46 | 18 | 78 | 16 | 117 | 4 | 157 | 22 |
| 14 | 7 | 7 | 24 | 10 | 47 | 12 | 79 | 28 | 118 | 25 | 158 | 42 |
| 15 | 7 | 38 | 24 | 48 | 48 | 7 | 80 | 41 | 119 | 46 | 160 | 2 |
| 16 | 8 | 9 | 25 | 27 | 49 | 3 | 81 | 55 | 121 | 6 | 161 | 22 |
| 17 | 8 | 40 | 26 | 7 | 50 | 0 | 83 | 10 | 122 | 27 | 162 | 42 |
| 18 | 9 | 12 | 26 | 47 | 50 | 57 | 84 | 25 | 123 | 47 | 164 | 2 |
| 19 | 9 | 43 | 27 | 28 | 51 | 55 | 85 | 40 | 125 | 8 | 165 | 22 |
| 20 | 10 | 15 | 28 | 9 | 52 | 53 | 86 | 55 | 126 | 29 | 166 | 42 |
| 21 | 10 | 47 | 28 | 51 | 53 | 52 | 88 | 11 | 127 | 50 | 168 | 2 |
| 22 | 11 | 19 | 29 | 33 | 54 | 52 | 89 | 27 | 129 | 10 | 169 | 22 |
| 23 | 11 | 52 | 30 | 15 | 55 | 52 | 90 | 44 | 130 | 31 | 170 | 42 |
| 24 | 12 | 24 | 30 | 57 | 56 | 53 | 92 | 0 | 131 | 52 | 172 | 2 |
| 25 | 12 | 57 | 31 | 40 | 57 | 55 | 93 | 17 | 133 | 13 | 173 | 21 |
| 26 | 13 | 30 | 32 | 23 | 58 | 57 | 94 | 35 | 134 | 34 | 174 | 41 |
| 27 | 14 | 3 | 33 | 7 | 60 | 0 | 95 | 53 | 135 | 55 | 176 | 1 |
| 28 | 14 | 37 | 33 | 52 | 61 | 4 | 97 | 11 | 137 | 15 | 177 | 21 |
| 29 | 15 | 10 | 34 | 38 | 62 | 9 | 98 | 29 | 138 | 36 | 178 | 41 |
| 30 | 15 | 44 | 35 | 24 | 63 | 14 | 99 | 48 | 139 | 56 | 180 | 0 |

Ad latitudinem .46. Graduum

| | ♈ | | ♉ | | ♊ | | ♋ | | ♌ | | ♍ | |
|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|
| ♁ | ♂ | ♁ | ♂ | ♁ | ♂ | ♁ | ♂ | ♁ | ♂ | ♁ | ♂ | ♁ |
| 0 | 180 | 0 | 220 | 4 | 260 | 12 | 296 | 46 | 324 | 36 | 344 | 16 |
| 1 | 181 | 19 | 221 | 24 | 261 | 31 | 297 | 51 | 325 | 22 | 344 | 50 |
| 2 | 182 | 39 | 222 | 45 | 262 | 49 | 298 | 56 | 326 | 8 | 345 | 23 |
| 3 | 183 | 59 | 224 | 5 | 264 | 7 | 300 | 0 | 326 | 43 | 345 | 57 |
| 4 | 185 | 19 | 225 | 26 | 265 | 25 | 301 | 3 | 327 | 37 | 346 | 30 |
| 5 | 186 | 39 | 226 | 47 | 266 | 43 | 302 | 5 | 328 | 20 | 347 | 3 |
| 6 | 187 | 58 | 228 | 8 | 268 | 0 | 303 | 7 | 329 | 3 | 347 | 36 |
| 7 | 189 | 18 | 229 | 29 | 269 | 16 | 304 | 8 | 329 | 45 | 348 | 8 |
| 8 | 190 | 38 | 230 | 50 | 270 | 33 | 305 | 8 | 330 | 27 | 348 | 41 |
| 9 | 191 | 58 | 232 | 10 | 271 | 49 | 306 | 8 | 331 | 9 | 349 | 13 |
| 10 | 193 | 18 | 233 | 31 | 273 | 5 | 307 | 7 | 331 | 51 | 349 | 45 |
| 11 | 194 | 38 | 234 | 52 | 274 | 20 | 308 | 5 | 332 | 32 | 350 | 17 |
| 12 | 195 | 58 | 236 | 13 | 275 | 35 | 309 | 3 | 333 | 13 | 350 | 48 |
| 13 | 197 | 18 | 237 | 33 | 276 | 50 | 310 | 0 | 333 | 53 | 351 | 20 |
| 14 | 198 | 38 | 238 | 54 | 278 | 5 | 310 | 57 | 334 | 33 | 351 | 51 |
| 15 | 199 | 58 | 240 | 14 | 279 | 19 | 311 | 53 | 335 | 12 | 352 | 22 |
| 16 | 201 | 18 | 241 | 35 | 280 | 32 | 312 | 48 | 335 | 50 | 352 | 53 |
| 17 | 202 | 38 | 242 | 56 | 281 | 44 | 313 | 42 | 336 | 28 | 353 | 24 |
| 18 | 203 | 58 | 244 | 16 | 282 | 57 | 314 | 36 | 337 | 6 | 353 | 55 |
| 19 | 205 | 18 | 245 | 37 | 284 | 9 | 315 | 30 | 337 | 44 | 354 | 26 |
| 20 | 206 | 39 | 246 | 57 | 285 | 21 | 316 | 23 | 338 | 21 | 354 | 56 |
| 21 | 207 | 59 | 248 | 17 | 286 | 32 | 317 | 15 | 338 | 58 | 355 | 27 |
| 22 | 209 | 19 | 249 | 37 | 287 | 42 | 318 | 7 | 339 | 34 | 355 | 58 |
| 23 | 210 | 40 | 250 | 57 | 288 | 52 | 318 | 58 | 340 | 11 | 356 | 28 |
| 24 | 212 | 0 | 252 | 17 | 290 | 2 | 319 | 48 | 340 | 47 | 356 | 59 |
| 25 | 213 | 21 | 253 | 36 | 291 | 11 | 320 | 37 | 341 | 23 | 357 | 29 |
| 26 | 214 | 41 | 254 | 56 | 292 | 19 | 321 | 26 | 341 | 58 | 358 | 0 |
| 27 | 216 | 2 | 256 | 15 | 293 | 26 | 322 | 14 | 342 | 33 | 358 | 30 |
| 28 | 217 | 22 | 257 | 34 | 294 | 33 | 323 | 2 | 343 | 7 | 359 | 0 |
| 29 | 218 | 43 | 258 | 53 | 295 | 40 | 323 | 49 | 343 | 42 | 359 | 30 |
| 30 | 220 | 4 | 260 | 12 | 296 | 46 | 324 | 36 | 344 | 16 | 360 | 0 |

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Tabula Ascensionum Obliquarum

| ♁ | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ♈ | |
|----|----|----|----|----|----|----|----|----|-----|----|-----|----|
| | ♁ | ♂ | ♁ | ♂ | ♁ | ♂ | ♁ | ♂ | ♁ | ♂ | ♁ | ♂ |
| 0 | 0 | 0 | 15 | 18 | 34 | 34 | 62 | 12 | 98 | 58 | 139 | 30 |
| 1 | 0 | 29 | 15 | 51 | 35 | 20 | 63 | 18 | 100 | 17 | 140 | 52 |
| 2 | 0 | 58 | 16 | 25 | 36 | 7 | 64 | 25 | 101 | 37 | 142 | 13 |
| 3 | 1 | 28 | 16 | 58 | 36 | 54 | 65 | 32 | 102 | 57 | 143 | 35 |
| 4 | 1 | 57 | 17 | 32 | 37 | 41 | 66 | 40 | 104 | 17 | 144 | 56 |
| 5 | 2 | 27 | 18 | 6 | 38 | 29 | 67 | 48 | 105 | 37 | 146 | 17 |
| 6 | 2 | 56 | 18 | 41 | 39 | 18 | 68 | 57 | 106 | 57 | 147 | 39 |
| 7 | 3 | 26 | 19 | 17 | 40 | 8 | 70 | 6 | 108 | 18 | 149 | 0 |
| 8 | 3 | 55 | 19 | 52 | 40 | 58 | 71 | 16 | 109 | 38 | 150 | 22 |
| 9 | 4 | 25 | 20 | 28 | 41 | 49 | 72 | 27 | 110 | 59 | 151 | 43 |
| 10 | 4 | 55 | 21 | 4 | 42 | 40 | 73 | 38 | 112 | 20 | 153 | 4 |
| 11 | 5 | 25 | 21 | 40 | 43 | 32 | 74 | 50 | 113 | 41 | 154 | 25 |
| 12 | 5 | 55 | 22 | 17 | 44 | 25 | 76 | 2 | 115 | 2 | 155 | 46 |
| 13 | 6 | 25 | 22 | 54 | 45 | 19 | 77 | 15 | 116 | 24 | 157 | 7 |
| 14 | 6 | 55 | 23 | 31 | 46 | 13 | 78 | 28 | 117 | 45 | 158 | 28 |
| 15 | 7 | 25 | 24 | 9 | 47 | 8 | 79 | 42 | 119 | 7 | 159 | 49 |
| 16 | 7 | 55 | 24 | 47 | 48 | 3 | 80 | 56 | 120 | 28 | 161 | 10 |
| 17 | 8 | 26 | 25 | 26 | 48 | 59 | 82 | 11 | 121 | 49 | 162 | 31 |
| 18 | 8 | 56 | 26 | 5 | 49 | 56 | 83 | 26 | 123 | 11 | 163 | 52 |
| 19 | 9 | 27 | 26 | 45 | 50 | 54 | 84 | 42 | 124 | 32 | 165 | 13 |
| 20 | 9 | 58 | 27 | 26 | 51 | 52 | 85 | 58 | 125 | 54 | 166 | 33 |
| 21 | 10 | 29 | 28 | 7 | 52 | 51 | 87 | 14 | 127 | 15 | 167 | 54 |
| 22 | 11 | 0 | 28 | 48 | 53 | 51 | 88 | 31 | 128 | 37 | 169 | 15 |
| 23 | 11 | 32 | 29 | 30 | 54 | 51 | 89 | 48 | 129 | 58 | 170 | 36 |
| 24 | 12 | 3 | 30 | 11 | 55 | 52 | 91 | 5 | 131 | 20 | 171 | 57 |
| 25 | 12 | 35 | 30 | 53 | 56 | 54 | 92 | 23 | 132 | 42 | 173 | 17 |
| 26 | 13 | 7 | 31 | 36 | 57 | 56 | 93 | 42 | 134 | 4 | 174 | 38 |
| 27 | 13 | 40 | 32 | 20 | 58 | 59 | 95 | 1 | 135 | 26 | 175 | 59 |
| 28 | 14 | 12 | 33 | 4 | 60 | 3 | 96 | 20 | 136 | 47 | 177 | 19 |
| 29 | 14 | 45 | 33 | 49 | 61 | 7 | 97 | 39 | 138 | 9 | 178 | 40 |
| 30 | 15 | 18 | 34 | 34 | 62 | 12 | 98 | 58 | 139 | 30 | 180 | 0 |

Ad latitudinem .47. Graduum

| S | u | | m | | F | | X | | = | | X | |
|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|
| | S | m | S | m | S | m | S | m | S | m | S | m |
| 0 | 180 | 0 | 220 | 30 | 261 | 2 | 297 | 48 | 325 | 26 | 344 | 42 |
| 1 | 181 | 20 | 221 | 51 | 262 | 21 | 298 | 53 | 326 | 11 | 345 | 15 |
| 2 | 182 | 41 | 223 | 13 | 263 | 40 | 299 | 57 | 326 | 56 | 345 | 48 |
| 3 | 184 | 1 | 224 | 34 | 264 | 59 | 301 | 1 | 327 | 40 | 346 | 20 |
| 4 | 185 | 22 | 225 | 56 | 266 | 18 | 302 | 4 | 328 | 24 | 346 | 53 |
| 5 | 186 | 43 | 227 | 18 | 267 | 37 | 303 | 6 | 329 | 7 | 347 | 25 |
| 6 | 188 | 3 | 228 | 40 | 268 | 55 | 304 | 8 | 329 | 49 | 347 | 57 |
| 7 | 189 | 24 | 230 | 2 | 270 | 12 | 305 | 9 | 330 | 30 | 348 | 28 |
| 8 | 190 | 45 | 231 | 23 | 271 | 29 | 306 | 9 | 331 | 12 | 349 | 0 |
| 9 | 192 | 6 | 232 | 45 | 272 | 46 | 307 | 9 | 331 | 53 | 349 | 31 |
| 10 | 193 | 27 | 234 | 6 | 274 | 2 | 308 | 8 | 332 | 34 | 350 | 2 |
| 11 | 194 | 47 | 235 | 28 | 275 | 18 | 309 | 6 | 333 | 15 | 350 | 33 |
| 12 | 196 | 8 | 236 | 49 | 276 | 34 | 310 | 4 | 333 | 55 | 351 | 4 |
| 13 | 197 | 29 | 238 | 11 | 277 | 49 | 311 | 1 | 334 | 34 | 351 | 34 |
| 14 | 198 | 50 | 239 | 32 | 279 | 4 | 311 | 57 | 335 | 13 | 352 | 5 |
| 15 | 200 | 11 | 240 | 53 | 280 | 18 | 312 | 52 | 335 | 51 | 352 | 35 |
| 16 | 201 | 32 | 242 | 15 | 281 | 32 | 313 | 47 | 336 | 29 | 353 | 5 |
| 17 | 202 | 53 | 243 | 36 | 282 | 45 | 314 | 41 | 337 | 6 | 353 | 35 |
| 18 | 204 | 14 | 244 | 58 | 283 | 58 | 315 | 35 | 337 | 43 | 354 | 5 |
| 19 | 205 | 35 | 246 | 19 | 285 | 10 | 316 | 28 | 338 | 20 | 354 | 35 |
| 20 | 206 | 56 | 247 | 40 | 286 | 22 | 317 | 20 | 338 | 56 | 355 | 5 |
| 21 | 208 | 17 | 249 | 1 | 287 | 33 | 318 | 11 | 339 | 32 | 355 | 35 |
| 22 | 209 | 38 | 250 | 22 | 288 | 44 | 319 | 2 | 340 | 8 | 356 | 5 |
| 23 | 211 | 0 | 251 | 42 | 289 | 54 | 319 | 52 | 340 | 43 | 356 | 34 |
| 24 | 212 | 21 | 253 | 3 | 291 | 3 | 320 | 42 | 341 | 19 | 357 | 4 |
| 25 | 213 | 43 | 254 | 23 | 292 | 12 | 321 | 31 | 341 | 54 | 357 | 33 |
| 26 | 215 | 4 | 255 | 43 | 293 | 20 | 322 | 19 | 342 | 28 | 358 | 3 |
| 27 | 216 | 25 | 257 | 3 | 294 | 28 | 323 | 6 | 343 | 2 | 358 | 32 |
| 28 | 217 | 47 | 258 | 23 | 295 | 35 | 323 | 53 | 343 | 35 | 359 | 2 |
| 29 | 219 | 8 | 259 | 43 | 296 | 42 | 324 | 40 | 344 | 9 | 359 | 31 |
| 30 | 220 | 30 | 261 | 2 | 297 | 48 | 325 | 26 | 344 | 42 | 360 | 0 |

» K 2

Tabula Ascensionum Obliquarum

| | γ | δ | π | ε | ζ | η |
|----|-------|-------|-------|-------|--------|--------|
| h | h m | h m | h m | h m | h m | h m |
| 0 | 0 0 | 14 50 | 33 41 | 61 7 | 98 5 | 139 2 |
| 1 | 0 28 | 15 23 | 34 26 | 62 13 | 99 25 | 140 25 |
| 2 | 0 56 | 15 56 | 35 12 | 63 20 | 100 46 | 141 47 |
| 3 | 1 25 | 16 29 | 35 58 | 64 27 | 102 6 | 143 10 |
| 4 | 1 53 | 17 2 | 36 45 | 65 35 | 103 27 | 144 32 |
| 5 | 2 22 | 17 35 | 37 33 | 66 43 | 104 48 | 145 54 |
| 6 | 2 50 | 18 9 | 38 22 | 67 51 | 106 9 | 147 17 |
| 7 | 3 19 | 18 43 | 39 12 | 69 1 | 107 30 | 148 39 |
| 8 | 3 48 | 19 18 | 40 1 | 70 11 | 108 52 | 150 1 |
| 9 | 4 17 | 19 52 | 40 51 | 71 22 | 110 13 | 151 23 |
| 10 | 4 56 | 20 27 | 41 41 | 72 34 | 111 35 | 152 45 |
| 11 | 5 15 | 21 2 | 42 32 | 73 46 | 112 57 | 154 7 |
| 12 | 5 44 | 21 38 | 43 24 | 74 59 | 114 19 | 155 29 |
| 13 | 6 13 | 22 14 | 44 17 | 76 12 | 115 41 | 156 51 |
| 14 | 6 42 | 22 51 | 45 11 | 77 26 | 117 3 | 158 13 |
| 15 | 7 11 | 23 28 | 46 6 | 78 40 | 118 26 | 159 35 |
| 16 | 7 40 | 24 6 | 47 1 | 79 55 | 119 48 | 160 57 |
| 17 | 8 10 | 24 45 | 47 57 | 81 10 | 121 10 | 162 19 |
| 18 | 8 39 | 25 23 | 48 53 | 82 26 | 122 32 | 163 41 |
| 19 | 9 9 | 26 2 | 49 50 | 83 42 | 123 54 | 165 3 |
| 20 | 9 39 | 26 41 | 50 48 | 84 59 | 125 17 | 166 24 |
| 21 | 10 9 | 27 21 | 51 47 | 86 16 | 126 40 | 167 46 |
| 22 | 10 40 | 28 2 | 52 47 | 87 34 | 128 3 | 169 8 |
| 23 | 11 10 | 28 42 | 53 47 | 88 51 | 129 26 | 170 29 |
| 24 | 11 41 | 29 23 | 54 48 | 90 9 | 130 49 | 171 51 |
| 25 | 12 12 | 30 4 | 55 49 | 91 27 | 132 11 | 173 12 |
| 26 | 12 43 | 30 46 | 56 51 | 92 46 | 133 34 | 174 34 |
| 27 | 13 15 | 31 29 | 57 54 | 94 6 | 134 56 | 175 56 |
| 28 | 13 46 | 32 12 | 58 58 | 95 25 | 136 18 | 177 17 |
| 29 | 14 18 | 32 56 | 60 2 | 96 45 | 137 40 | 178 39 |
| 30 | 14 50 | 33 41 | 61 7 | 98 5 | 139 2 | 180 0 |

Ad latitudinem .48. Graduum

| | ♈ | ♉ | ♊ | ♋ | ♌ | ♍ |
|----|--------|--------|--------|--------|--------|--------|
| h | h m | h m | h m | h m | h m | h m |
| 0 | 180 0 | 220 58 | 261 55 | 298 53 | 326 19 | 345 10 |
| 1 | 181 21 | 222 20 | 263 15 | 299 58 | 327 4 | 345 42 |
| 2 | 182 43 | 223 42 | 264 35 | 301 2 | 327 48 | 346 14 |
| 3 | 184 4 | 225 4 | 265 54 | 302 6 | 328 31 | 346 45 |
| 4 | 185 26 | 226 26 | 267 14 | 303 9 | 329 14 | 347 17 |
| 5 | 186 48 | 227 49 | 268 33 | 304 11 | 329 56 | 347 48 |
| 6 | 188 9 | 229 11 | 269 51 | 305 12 | 330 37 | 348 19 |
| 7 | 189 31 | 230 34 | 271 9 | 306 13 | 331 18 | 348 50 |
| 8 | 190 52 | 231 57 | 272 26 | 307 13 | 331 58 | 349 20 |
| 9 | 192 14 | 233 20 | 273 44 | 308 13 | 332 39 | 349 51 |
| 10 | 193 36 | 234 43 | 275 1 | 309 12 | 333 19 | 350 21 |
| 11 | 194 57 | 236 6 | 276 18 | 310 10 | 333 58 | 350 51 |
| 12 | 196 19 | 227 28 | 277 34 | 311 7 | 334 37 | 351 21 |
| 13 | 197 41 | 238 50 | 278 50 | 312 3 | 335 15 | 351 50 |
| 14 | 199 3 | 240 12 | 280 5 | 312 59 | 335 54 | 352 20 |
| 15 | 200 25 | 241 34 | 281 20 | 313 54 | 336 32 | 352 49 |
| 16 | 201 47 | 242 57 | 282 34 | 314 49 | 337 9 | 353 18 |
| 17 | 203 9 | 244 19 | 283 48 | 315 43 | 337 46 | 353 47 |
| 18 | 204 31 | 245 41 | 285 1 | 316 36 | 338 22 | 354 16 |
| 19 | 205 53 | 247 3 | 286 14 | 317 28 | 338 58 | 354 45 |
| 20 | 207 15 | 248 25 | 287 26 | 318 19 | 339 33 | 355 14 |
| 21 | 208 37 | 249 47 | 288 38 | 319 9 | 340 8 | 355 43 |
| 22 | 209 59 | 251 8 | 289 49 | 319 59 | 340 42 | 356 12 |
| 23 | 211 21 | 252 30 | 290 59 | 320 48 | 341 17 | 356 41 |
| 24 | 212 43 | 253 51 | 292 8 | 321 38 | 341 51 | 357 10 |
| 25 | 214 6 | 255 12 | 293 17 | 322 27 | 342 25 | 357 38 |
| 26 | 215 28 | 256 33 | 294 25 | 323 15 | 343 58 | 358 7 |
| 27 | 216 50 | 257 54 | 295 33 | 324 2 | 343 31 | 358 35 |
| 28 | 218 13 | 259 14 | 296 40 | 324 48 | 344 4 | 359 4 |
| 29 | 219 35 | 260 35 | 297 47 | 325 34 | 344 37 | 359 32 |
| 30 | 220 58 | 261 55 | 298 53 | 326 19 | 345 10 | 360 0 |

2 R 3

Tabula Ascensionum Obliquarum

| | γ | δ | π | σ | Ω | η |
|----|-------|-------|-------|-------|--------|--------|
| U | h m | h m | h m | h m | h m | h m |
| C | 0 0 | 14 22 | 32 45 | 59 59 | 97 9 | 138 34 |
| 1 | 0 27 | 14 53 | 33 30 | 61 5 | 98 30 | 139 58 |
| 2 | 0 55 | 15 25 | 34 15 | 62 11 | 99 51 | 141 21 |
| 3 | 1 22 | 15 57 | 35 1 | 63 13 | 101 13 | 142 44 |
| 4 | 1 50 | 16 29 | 35 47 | 64 26 | 102 34 | 144 7 |
| 5 | 2 18 | 17 1 | 36 34 | 65 35 | 103 56 | 145 30 |
| 6 | 2 45 | 17 34 | 37 22 | 66 44 | 105 18 | 146 54 |
| 7 | 3 13 | 18 8 | 38 10 | 67 54 | 106 40 | 148 17 |
| 8 | 3 40 | 18 41 | 38 59 | 69 5 | 108 3 | 149 40 |
| 9 | 4 8 | 19 15 | 39 49 | 70 16 | 109 25 | 151 3 |
| 10 | 4 36 | 19 49 | 40 39 | 71 28 | 110 48 | 152 26 |
| 11 | 5 4 | 20 24 | 41 30 | 72 40 | 112 11 | 153 49 |
| 12 | 5 32 | 21 0 | 42 22 | 73 53 | 113 34 | 155 12 |
| 13 | 6 0 | 21 35 | 43 14 | 75 6 | 114 57 | 156 35 |
| 14 | 6 28 | 22 10 | 44 7 | 76 20 | 116 20 | 157 58 |
| 15 | 6 57 | 22 46 | 45 1 | 77 35 | 117 44 | 159 21 |
| 16 | 7 25 | 23 23 | 45 56 | 78 51 | 119 7 | 160 44 |
| 17 | 7 54 | 24 1 | 46 52 | 80 7 | 120 30 | 162 7 |
| 18 | 8 22 | 24 38 | 47 48 | 81 24 | 121 53 | 163 29 |
| 19 | 8 51 | 25 16 | 48 45 | 82 40 | 123 16 | 164 52 |
| 20 | 9 20 | 25 54 | 49 42 | 83 57 | 124 39 | 166 14 |
| 21 | 9 49 | 26 33 | 50 40 | 85 14 | 126 2 | 167 37 |
| 22 | 10 19 | 27 13 | 51 39 | 86 32 | 127 26 | 169 0 |
| 23 | 10 48 | 27 52 | 52 39 | 87 50 | 128 49 | 170 23 |
| 24 | 11 18 | 28 32 | 53 40 | 89 9 | 130 13 | 171 46 |
| 25 | 11 48 | 29 12 | 54 41 | 90 28 | 131 37 | 173 8 |
| 26 | 12 18 | 29 53 | 55 43 | 91 48 | 133 1 | 174 31 |
| 27 | 12 49 | 30 35 | 56 46 | 93 8 | 134 24 | 175 53 |
| 28 | 13 20 | 31 18 | 57 50 | 94 28 | 135 48 | 177 16 |
| 29 | 13 51 | 32 1 | 58 54 | 95 48 | 137 11 | 178 38 |
| 30 | 14 22 | 32 45 | 59 59 | 97 9 | 138 34 | 180 0 |

Ad latitudinem .49. Graduum

| | n | | m | | p | | q | | r | | x | |
|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|
| b | h | m | h | m | h | m | h | m | h | m | h | m |
| 0 | 180 | 0 | 221 | 26 | 262 | 51 | 300 | 1 | 327 | 15 | 345 | 38 |
| 1 | 181 | 22 | 222 | 49 | 264 | 12 | 301 | 6 | 327 | 59 | 346 | 9 |
| 2 | 182 | 44 | 224 | 12 | 265 | 32 | 302 | 10 | 328 | 42 | 346 | 40 |
| 3 | 184 | 7 | 225 | 36 | 266 | 52 | 303 | 14 | 329 | 25 | 347 | 11 |
| 4 | 185 | 29 | 226 | 59 | 268 | 12 | 304 | 16 | 330 | 7 | 347 | 42 |
| 5 | 186 | 52 | 228 | 23 | 269 | 32 | 305 | 19 | 330 | 48 | 348 | 12 |
| 6 | 188 | 14 | 229 | 47 | 270 | 51 | 306 | 20 | 331 | 28 | 348 | 42 |
| 7 | 189 | 37 | 231 | 11 | 272 | 10 | 307 | 21 | 332 | 8 | 349 | 12 |
| 8 | 191 | 0 | 232 | 34 | 273 | 28 | 308 | 21 | 332 | 47 | 349 | 41 |
| 9 | 192 | 23 | 233 | 58 | 274 | 46 | 309 | 20 | 333 | 27 | 350 | 11 |
| 10 | 193 | 46 | 235 | 21 | 276 | 3 | 310 | 18 | 334 | 6 | 350 | 40 |
| 11 | 195 | 8 | 236 | 44 | 277 | 20 | 311 | 15 | 334 | 44 | 351 | 9 |
| 12 | 196 | 31 | 238 | 7 | 278 | 36 | 312 | 12 | 335 | 22 | 351 | 38 |
| 13 | 197 | 53 | 239 | 30 | 279 | 53 | 313 | 8 | 335 | 59 | 352 | 6 |
| 14 | 199 | 16 | 240 | 53 | 281 | 9 | 314 | 4 | 336 | 37 | 352 | 35 |
| 15 | 200 | 39 | 242 | 16 | 282 | 25 | 314 | 59 | 337 | 14 | 353 | 3 |
| 16 | 202 | 2 | 243 | 40 | 283 | 40 | 315 | 53 | 337 | 50 | 353 | 52 |
| 17 | 203 | 25 | 245 | 3 | 284 | 54 | 316 | 46 | 338 | 25 | 354 | 0 |
| 18 | 204 | 48 | 246 | 26 | 286 | 7 | 317 | 38 | 339 | 0 | 354 | 28 |
| 19 | 206 | 11 | 247 | 49 | 287 | 20 | 318 | 30 | 339 | 36 | 354 | 56 |
| 20 | 207 | 34 | 249 | 12 | 288 | 32 | 319 | 21 | 340 | 11 | 355 | 24 |
| 21 | 208 | 57 | 250 | 35 | 289 | 44 | 320 | 11 | 340 | 45 | 355 | 52 |
| 22 | 210 | 20 | 251 | 57 | 290 | 55 | 321 | 1 | 341 | 19 | 356 | 20 |
| 23 | 211 | 43 | 253 | 20 | 292 | 6 | 321 | 50 | 341 | 52 | 356 | 47 |
| 24 | 213 | 6 | 254 | 42 | 293 | 16 | 322 | 38 | 342 | 26 | 357 | 15 |
| 25 | 214 | 30 | 256 | 4 | 294 | 25 | 323 | 26 | 342 | 59 | 357 | 42 |
| 26 | 215 | 53 | 257 | 26 | 295 | 34 | 324 | 13 | 343 | 31 | 358 | 10 |
| 27 | 217 | 16 | 258 | 47 | 296 | 42 | 324 | 59 | 344 | 3 | 358 | 38 |
| 28 | 218 | 39 | 260 | 9 | 297 | 49 | 325 | 45 | 344 | 35 | 359 | 5 |
| 29 | 220 | 2 | 261 | 30 | 298 | 55 | 326 | 30 | 345 | 7 | 359 | 33 |
| 30 | 221 | 26 | 262 | 51 | 300 | 1 | 327 | 15 | 345 | 38 | 360 | 0 |

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Tabula Ascensionum Obliquarum

| ♁ | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ♈ | |
|----|----|----|----|----|----|----|----|----|-----|----|-----|----|
| | ♁ | ♂ | ♁ | ♂ | ♁ | ♂ | ♁ | ♂ | ♁ | ♂ | ♁ | ♂ |
| 0 | 0 | 0 | 13 | 52 | 31 | 47 | 58 | 47 | 96 | 11 | 138 | 4 |
| 1 | 0 | 26 | 14 | 22 | 32 | 31 | 59 | 53 | 97 | 33 | 139 | 29 |
| 2 | 0 | 53 | 14 | 53 | 33 | 15 | 61 | 0 | 98 | 55 | 140 | 53 |
| 3 | 1 | 19 | 15 | 24 | 34 | 0 | 62 | 7 | 100 | 18 | 142 | 18 |
| 4 | 1 | 46 | 15 | 55 | 34 | 46 | 63 | 15 | 101 | 40 | 143 | 42 |
| 5 | 2 | 13 | 16 | 26 | 35 | 32 | 64 | 24 | 103 | 3 | 145 | 6 |
| 6 | 2 | 39 | 16 | 58 | 36 | 19 | 65 | 40 | 104 | 26 | 146 | 30 |
| 7 | 3 | 6 | 17 | 31 | 37 | 7 | 66 | 48 | 105 | 49 | 147 | 54 |
| 8 | 3 | 32 | 18 | 3 | 37 | 55 | 67 | 59 | 107 | 12 | 149 | 18 |
| 9 | 3 | 59 | 18 | 36 | 38 | 44 | 69 | 6 | 108 | 35 | 150 | 42 |
| 10 | 4 | 26 | 19 | 9 | 39 | 33 | 70 | 18 | 109 | 58 | 152 | 6 |
| 11 | 4 | 53 | 19 | 43 | 40 | 23 | 71 | 31 | 111 | 22 | 153 | 30 |
| 12 | 5 | 20 | 20 | 17 | 41 | 14 | 72 | 44 | 112 | 46 | 154 | 54 |
| 13 | 5 | 47 | 20 | 52 | 42 | 6 | 73 | 58 | 114 | 10 | 156 | 18 |
| 14 | 6 | 14 | 21 | 26 | 42 | 59 | 75 | 12 | 115 | 34 | 157 | 42 |
| 15 | 6 | 42 | 22 | 1 | 43 | 53 | 76 | 27 | 116 | 59 | 159 | 6 |
| 16 | 7 | 9 | 22 | 36 | 44 | 47 | 77 | 43 | 118 | 23 | 160 | 30 |
| 17 | 7 | 37 | 23 | 12 | 45 | 42 | 78 | 59 | 119 | 47 | 161 | 54 |
| 18 | 8 | 4 | 23 | 49 | 46 | 38 | 80 | 16 | 121 | 11 | 163 | 17 |
| 19 | 8 | 32 | 24 | 26 | 47 | 35 | 81 | 33 | 122 | 35 | 164 | 41 |
| 20 | 9 | 0 | 25 | 4 | 48 | 32 | 82 | 51 | 123 | 59 | 166 | 4 |
| 21 | 9 | 28 | 25 | 42 | 49 | 30 | 84 | 9 | 125 | 23 | 167 | 28 |
| 22 | 9 | 57 | 26 | 21 | 50 | 29 | 85 | 27 | 126 | 48 | 168 | 52 |
| 23 | 10 | 26 | 27 | 0 | 51 | 29 | 86 | 46 | 128 | 12 | 170 | 16 |
| 24 | 10 | 55 | 27 | 39 | 52 | 29 | 88 | 6 | 129 | 37 | 171 | 40 |
| 25 | 11 | 24 | 28 | 19 | 53 | 30 | 89 | 26 | 131 | 2 | 173 | 3 |
| 26 | 11 | 53 | 28 | 59 | 54 | 32 | 90 | 47 | 132 | 27 | 174 | 27 |
| 27 | 12 | 23 | 29 | 40 | 55 | 35 | 92 | 8 | 133 | 51 | 175 | 50 |
| 28 | 12 | 52 | 30 | 22 | 56 | 38 | 93 | 29 | 135 | 16 | 177 | 14 |
| 29 | 13 | 22 | 31 | 4 | 57 | 42 | 94 | 50 | 136 | 40 | 178 | 37 |
| 30 | 13 | 52 | 31 | 47 | 58 | 47 | 96 | 11 | 138 | 4 | 180 | 0 |

Ad latitudinem .50. Graduum

| | ♈ | ♉ | ♊ | ♋ | ♌ | ♍ |
|----|--------|--------|--------|--------|--------|--------|
| ♁ | ♂ m | ♂ m | ♂ m | ♂ m | ♂ m | ♂ m |
| 0 | 180 0 | 221 56 | 263 49 | 301 13 | 328 13 | 346 8 |
| 1 | 181 23 | 223 20 | 265 10 | 302 18 | 328 56 | 346 38 |
| 2 | 182 46 | 224 44 | 266 31 | 303 22 | 329 38 | 347 8 |
| 3 | 184 10 | 226 9 | 267 52 | 304 25 | 330 20 | 347 37 |
| 4 | 185 33 | 227 33 | 269 13 | 305 28 | 331 1 | 348 7 |
| 5 | 186 57 | 228 58 | 270 34 | 306 30 | 332 41 | 348 36 |
| 6 | 188 20 | 230 23 | 271 54 | 307 31 | 332 21 | 349 5 |
| 7 | 189 44 | 231 48 | 273 14 | 308 31 | 333 0 | 349 34 |
| 8 | 191 8 | 233 12 | 274 33 | 309 31 | 333 39 | 350 3 |
| 9 | 192 32 | 234 37 | 275 51 | 310 30 | 334 18 | 3503 2 |
| 10 | 193 56 | 236 1 | 277 9 | 311 28 | 334 56 | 351 0 |
| 11 | 195 19 | 237 25 | 278 27 | 312 25 | 335 34 | 351 28 |
| 12 | 196 43 | 238 49 | 279 44 | 313 22 | 336 11 | 351 56 |
| 13 | 198 6 | 240 13 | 281 1 | 314 18 | 336 48 | 352 27 |
| 14 | 199 30 | 241 37 | 282 17 | 315 13 | 337 24 | 352 51 |
| 15 | 200 54 | 243 1 | 283 33 | 316 7 | 337 59 | 353 18 |
| 16 | 202 18 | 244 26 | 284 48 | 317 1 | 338 34 | 353 46 |
| 17 | 203 42 | 245 50 | 286 2 | 317 54 | 339 8 | 354 13 |
| 18 | 205 6 | 247 14 | 287 16 | 318 46 | 339 43 | 354 40 |
| 19 | 206 30 | 248 38 | 288 29 | 319 37 | 340 27 | 355 7 |
| 20 | 207 54 | 250 2 | 289 42 | 320 27 | 340 51 | 355 34 |
| 21 | 209 18 | 251 25 | 290 54 | 321 16 | 341 24 | 356 1 |
| 22 | 210 42 | 252 48 | 292 1 | 322 5 | 341 57 | 356 28 |
| 23 | 212 6 | 254 11 | 293 12 | 322 53 | 342 25 | 356 54 |
| 24 | 213 30 | 255 34 | 294 20 | 323 41 | 343 2 | 357 21 |
| 25 | 214 54 | 256 57 | 295 36 | 324 28 | 343 34 | 357 47 |
| 26 | 216 18 | 258 20 | 296 45 | 325 14 | 344 5 | 358 14 |
| 27 | 217 42 | 259 42 | 297 53 | 326 0 | 344 36 | 358 41 |
| 28 | 219 7 | 261 5 | 299 0 | 326 45 | 345 7 | 359 7 |
| 29 | 220 31 | 262 27 | 300 7 | 327 20 | 345 32 | 359 34 |
| 30 | 221 56 | 263 49 | 301 13 | 328 13 | 346 8 | 360 0 |

Tabula Ascensionum Obliquarum

| | γ | δ | π | ε | ζ | η |
|----|-------|-------|-------|-------|--------|--------|
| δ | δ m | δ m | δ m | δ m | δ m | δ m |
| 0 | 0 0 | 13 21 | 30 46 | 57 31 | 95 10 | 137 33 |
| 1 | 0 25 | 13 50 | 31 29 | 58 37 | 96 33 | 138 59 |
| 2 | 0 50 | 14 20 | 32 13 | 59 44 | 97 56 | 140 24 |
| 3 | 1 16 | 14 50 | 32 57 | 60 51 | 99 19 | 141 50 |
| 4 | 1 41 | 15 20 | 33 42 | 61 59 | 100 42 | 143 15 |
| 5 | 2 7 | 15 50 | 34 27 | 63 8 | 102 6 | 144 40 |
| 6 | 2 32 | 16 21 | 35 13 | 64 18 | 103 30 | 146 6 |
| 7 | 2 58 | 16 53 | 36 0 | 65 29 | 104 54 | 147 31 |
| 8 | 3 24 | 17 24 | 36 48 | 66 40 | 106 18 | 148 56 |
| 9 | 3 50 | 17 56 | 37 36 | 67 52 | 107 42 | 150 21 |
| 10 | 4 16 | 18 28 | 38 25 | 69 4 | 109 7 | 151 46 |
| 11 | 4 42 | 19 1 | 39 15 | 70 17 | 110 32 | 153 11 |
| 12 | 5 8 | 19 34 | 40 5 | 71 30 | 111 57 | 154 36 |
| 13 | 5 34 | 20 7 | 40 56 | 72 44 | 113 22 | 156 1 |
| 14 | 6 0 | 20 40 | 41 48 | 73 59 | 114 47 | 157 26 |
| 15 | 6 26 | 21 14 | 42 41 | 75 15 | 116 12 | 158 50 |
| 16 | 6 52 | 21 49 | 43 35 | 76 32 | 117 37 | 160 15 |
| 17 | 7 19 | 22 25 | 44 30 | 77 50 | 119 2 | 161 40 |
| 18 | 7 46 | 23 1 | 45 25 | 79 8 | 120 27 | 163 5 |
| 19 | 8 13 | 23 37 | 46 21 | 80 25 | 121 52 | 164 30 |
| 20 | 8 40 | 24 13 | 47 18 | 81 43 | 123 18 | 165 54 |
| 21 | 9 7 | 24 50 | 48 16 | 83 2 | 124 43 | 167 19 |
| 22 | 9 35 | 25 28 | 49 14 | 84 21 | 126 9 | 168 44 |
| 23 | 10 2 | 26 6 | 50 13 | 85 41 | 127 35 | 170 8 |
| 24 | 10 30 | 26 44 | 51 13 | 87 1 | 129 1 | 171 33 |
| 25 | 10 58 | 27 22 | 52 14 | 88 21 | 130 26 | 172 57 |
| 26 | 11 26 | 28 1 | 53 16 | 89 42 | 131 52 | 174 22 |
| 27 | 11 55 | 28 41 | 54 19 | 91 4 | 133 17 | 175 47 |
| 28 | 12 23 | 29 22 | 55 22 | 92 26 | 134 43 | 177 11 |
| 29 | 12 52 | 30 4 | 56 26 | 93 48 | 136 8 | 178 36 |
| 30 | 13 21 | 30 46 | 57 31 | 95 10 | 137 33 | 180 0 |

Ad latitudinem 51. Graduum.

| | ♈ | | ♉ | | ♊ | | ♋ | | ♌ | | | |
|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|
| ♁ | ♁ | ♂ | ♁ | ♂ | ♁ | ♂ | ♁ | ♂ | ♁ | ♂ | | |
| 0 | 180 | 0 | 222 | 27 | 264 | 50 | 302 | 29 | 329 | 14 | 346 | 39 |
| 1 | 181 | 24 | 223 | 52 | 266 | 12 | 303 | 34 | 329 | 56 | 347 | 8 |
| 2 | 182 | 49 | 225 | 17 | 267 | 34 | 304 | 38 | 330 | 38 | 347 | 37 |
| 3 | 184 | 13 | 226 | 43 | 268 | 56 | 305 | 41 | 331 | 19 | 348 | 5 |
| 4 | 185 | 38 | 228 | 8 | 270 | 18 | 306 | 44 | 331 | 59 | 348 | 34 |
| 5 | 187 | 3 | 229 | 34 | 271 | 39 | 307 | 46 | 332 | 38 | 349 | 2 |
| 6 | 188 | 27 | 230 | 59 | 272 | 59 | 308 | 47 | 333 | 16 | 349 | 30 |
| 7 | 189 | 52 | 232 | 25 | 274 | 19 | 309 | 47 | 333 | 54 | 349 | 58 |
| 8 | 191 | 16 | 233 | 51 | 275 | 39 | 310 | 46 | 334 | 32 | 350 | 25 |
| 9 | 192 | 41 | 235 | 17 | 276 | 58 | 311 | 44 | 335 | 10 | 350 | 53 |
| 10 | 194 | 6 | 236 | 42 | 278 | 17 | 312 | 42 | 335 | 47 | 351 | 20 |
| 11 | 195 | 30 | 238 | 8 | 279 | 35 | 313 | 39 | 336 | 23 | 351 | 47 |
| 12 | 196 | 55 | 239 | 33 | 280 | 52 | 314 | 35 | 336 | 59 | 352 | 14 |
| 13 | 198 | 20 | 240 | 58 | 282 | 10 | 315 | 30 | 337 | 35 | 352 | 41 |
| 14 | 199 | 45 | 242 | 23 | 283 | 28 | 316 | 25 | 338 | 11 | 353 | 8 |
| 15 | 201 | 10 | 243 | 48 | 284 | 45 | 317 | 19 | 338 | 46 | 353 | 34 |
| 16 | 202 | 34 | 245 | 13 | 286 | 1 | 318 | 12 | 339 | 20 | 354 | 0 |
| 17 | 203 | 59 | 246 | 38 | 287 | 16 | 319 | 4 | 339 | 53 | 354 | 25 |
| 18 | 205 | 34 | 248 | 3 | 288 | 30 | 319 | 55 | 340 | 26 | 354 | 52 |
| 19 | 206 | 49 | 249 | 28 | 289 | 43 | 320 | 45 | 340 | 59 | 355 | 18 |
| 20 | 208 | 14 | 250 | 53 | 290 | 56 | 321 | 35 | 341 | 32 | 355 | 44 |
| 21 | 209 | 39 | 252 | 18 | 292 | 8 | 322 | 24 | 342 | 4 | 356 | 10 |
| 22 | 211 | 4 | 253 | 42 | 293 | 20 | 323 | 12 | 342 | 36 | 356 | 36 |
| 23 | 212 | 29 | 255 | 6 | 294 | 31 | 324 | 0 | 343 | 7 | 357 | 2 |
| 24 | 213 | 54 | 256 | 30 | 295 | 42 | 324 | 47 | 343 | 39 | 357 | 27 |
| 25 | 215 | 20 | 257 | 54 | 296 | 52 | 325 | 33 | 344 | 10 | 357 | 53 |
| 26 | 216 | 44 | 259 | 18 | 298 | 1 | 326 | 18 | 344 | 40 | 358 | 19 |
| 27 | 218 | 10 | 260 | 41 | 299 | 9 | 327 | 3 | 345 | 10 | 358 | 44 |
| 28 | 219 | 36 | 262 | 4 | 300 | 16 | 327 | 47 | 345 | 40 | 359 | 10 |
| 29 | 221 | 1 | 263 | 27 | 301 | 23 | 328 | 31 | 346 | 10 | 359 | 35 |
| 30 | 222 | 27 | 264 | 50 | 302 | 29 | 329 | 14 | 346 | 39 | 360 | 0 |

Tabula Ascensionum Obliquarum

| | γ | δ | ι | ε | η | π |
|----|-------|-------|-------|-------|--------|--------|
| δ | δ m | δ m | δ m | δ m | δ m | δ m |
| 0 | 0 0 | 12 48 | 29 42 | 56 11 | 94 6 | 137 0 |
| 1 | 0 24 | 13 16 | 30 24 | 57 17 | 95 30 | 138 37 |
| 2 | 0 48 | 13 45 | 31 7 | 58 24 | 96 54 | 139 54 |
| 3 | 1 13 | 14 14 | 31 50 | 59 31 | 98 18 | 141 20 |
| 4 | 1 37 | 14 43 | 32 34 | 60 39 | 99 42 | 142 47 |
| 5 | 2 2 | 15 12 | 33 18 | 61 48 | 101 7 | 144 13 |
| 6 | 2 26 | 15 42 | 34 3 | 62 58 | 102 32 | 145 40 |
| 7 | 2 51 | 16 13 | 34 49 | 64 9 | 103 57 | 147 6 |
| 8 | 3 15 | 16 43 | 35 36 | 65 20 | 105 22 | 148 32 |
| 9 | 3 40 | 17 14 | 36 24 | 66 32 | 106 47 | 149 58 |
| 10 | 4 5 | 17 45 | 37 12 | 67 45 | 108 12 | 151 24 |
| 11 | 4 30 | 18 16 | 38 1 | 68 59 | 109 38 | 152 50 |
| 12 | 4 55 | 18 48 | 38 51 | 70 13 | 111 4 | 154 16 |
| 13 | 5 20 | 19 20 | 39 42 | 71 28 | 112 30 | 155 42 |
| 14 | 5 45 | 19 52 | 40 34 | 72 44 | 113 56 | 157 8 |
| 15 | 6 10 | 20 25 | 41 26 | 74 0 | 115 23 | 158 39 |
| 16 | 6 35 | 20 59 | 42 19 | 75 17 | 116 49 | 160 0 |
| 17 | 7 1 | 21 34 | 43 13 | 76 34 | 118 15 | 161 26 |
| 18 | 7 26 | 22 8 | 44 8 | 77 52 | 119 42 | 162 52 |
| 19 | 7 52 | 22 43 | 45 3 | 79 11 | 121 8 | 164 18 |
| 20 | 8 18 | 23 18 | 45 59 | 80 30 | 122 35 | 165 43 |
| 21 | 8 44 | 23 54 | 46 56 | 81 50 | 124 2 | 167 9 |
| 22 | 9 11 | 24 31 | 47 54 | 83 10 | 125 28 | 168 35 |
| 23 | 9 37 | 25 8 | 48 53 | 84 31 | 126 55 | 170 1 |
| 24 | 10 4 | 25 45 | 49 53 | 85 51 | 128 22 | 171 27 |
| 25 | 10 31 | 26 23 | 50 54 | 87 12 | 129 48 | 172 52 |
| 26 | 10 58 | 27 2 | 51 56 | 88 34 | 131 15 | 174 18 |
| 27 | 11 25 | 27 41 | 52 59 | 89 57 | 132 41 | 175 44 |
| 28 | 11 53 | 28 21 | 54 2 | 91 20 | 134 8 | 177 9 |
| 29 | 12 20 | 29 1 | 55 6 | 92 43 | 135 34 | 178 35 |
| 30 | 12 48 | 29 42 | 56 11 | 94 6 | 137 0 | 180 0 |

Ad latitudinem .52. Graduum

| | ♈ | | ♉ | | ♊ | | ♋ | | ♌ | | | |
|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|
| ♁ | ♁ | ♂ | ♁ | ♂ | ♁ | ♂ | ♁ | ♂ | ♁ | ♂ | | |
| 0 | 180 | 0 | 223 | 0 | 265 | 54 | 303 | 49 | 330 | 18 | 347 | 12 |
| 1 | 181 | 25 | 224 | 26 | 267 | 17 | 304 | 54 | 330 | 59 | 347 | 40 |
| 2 | 182 | 51 | 225 | 52 | 268 | 40 | 305 | 58 | 331 | 39 | 348 | 7 |
| 3 | 184 | 16 | 227 | 19 | 270 | 3 | 307 | 1 | 332 | 19 | 348 | 35 |
| 4 | 185 | 42 | 228 | 45 | 271 | 26 | 308 | 4 | 332 | 58 | 349 | 2 |
| 5 | 187 | 8 | 230 | 12 | 272 | 48 | 309 | 6 | 333 | 37 | 349 | 29 |
| 6 | 188 | 33 | 231 | 38 | 274 | 9 | 310 | 7 | 334 | 15 | 349 | 56 |
| 7 | 189 | 59 | 233 | 5 | 275 | 29 | 311 | 7 | 334 | 52 | 350 | 23 |
| 8 | 191 | 25 | 234 | 32 | 276 | 50 | 312 | 6 | 335 | 29 | 350 | 49 |
| 9 | 192 | 51 | 235 | 58 | 278 | 10 | 313 | 4 | 336 | 6 | 351 | 16 |
| 10 | 194 | 17 | 237 | 25 | 279 | 30 | 314 | 1 | 336 | 42 | 351 | 42 |
| 11 | 195 | 42 | 238 | 52 | 280 | 49 | 314 | 57 | 337 | 17 | 352 | 8 |
| 12 | 197 | 8 | 240 | 18 | 282 | 8 | 315 | 52 | 337 | 52 | 352 | 34 |
| 13 | 198 | 34 | 241 | 45 | 283 | 26 | 316 | 47 | 338 | 26 | 352 | 59 |
| 14 | 200 | 0 | 243 | 11 | 284 | 43 | 317 | 41 | 339 | 1 | 353 | 25 |
| 15 | 201 | 26 | 244 | 37 | 286 | 9 | 318 | 34 | 339 | 35 | 353 | 50 |
| 16 | 202 | 52 | 246 | 4 | 287 | 16 | 319 | 26 | 340 | 8 | 354 | 15 |
| 17 | 204 | 18 | 247 | 30 | 288 | 32 | 320 | 18 | 340 | 40 | 354 | 40 |
| 18 | 205 | 44 | 248 | 56 | 289 | 47 | 321 | 9 | 341 | 12 | 355 | 5 |
| 19 | 207 | 10 | 250 | 22 | 291 | 1 | 321 | 59 | 341 | 44 | 355 | 30 |
| 20 | 208 | 36 | 251 | 48 | 292 | 15 | 322 | 48 | 342 | 15 | 355 | 55 |
| 21 | 210 | 2 | 253 | 13 | 293 | 28 | 323 | 36 | 342 | 46 | 356 | 20 |
| 22 | 211 | 28 | 254 | 38 | 294 | 40 | 324 | 24 | 343 | 17 | 356 | 45 |
| 23 | 212 | 54 | 256 | 3 | 295 | 51 | 325 | 11 | 343 | 47 | 357 | 9 |
| 24 | 214 | 20 | 257 | 28 | 297 | 2 | 325 | 57 | 344 | 18 | 357 | 34 |
| 25 | 215 | 47 | 258 | 53 | 298 | 12 | 326 | 42 | 344 | 48 | 357 | 58 |
| 26 | 217 | 13 | 260 | 18 | 299 | 21 | 327 | 26 | 345 | 17 | 358 | 23 |
| 27 | 218 | 40 | 261 | 42 | 300 | 29 | 328 | 10 | 345 | 46 | 358 | 47 |
| 28 | 220 | 6 | 263 | 6 | 301 | 36 | 328 | 53 | 346 | 15 | 359 | 12 |
| 29 | 221 | 33 | 264 | 30 | 302 | 43 | 329 | 36 | 346 | 44 | 359 | 36 |
| 30 | 223 | 0 | 265 | 54 | 303 | 49 | 330 | 18 | 347 | 12 | 360 | 0 |

Tabula Ascensionum Obliquarum.

| δ | γ | | δ | | π | | σ | | Ω | | π ^p | |
|----|----|----|----|----|----|----|----|----|-----|----|----------------|----|
| | δ | m | δ | m | δ | m | δ | m | δ | m | δ | m |
| 0 | 0 | 0 | 12 | 14 | 28 | 34 | 54 | 46 | 92 | 58 | 136 | 26 |
| 1 | 0 | 23 | 12 | 41 | 29 | 15 | 55 | 52 | 94 | 23 | 137 | 54 |
| 2 | 0 | 46 | 13 | 8 | 29 | 57 | 56 | 59 | 95 | 48 | 139 | 22 |
| 3 | 1 | 9 | 13 | 36 | 30 | 39 | 58 | 6 | 97 | 13 | 140 | 49 |
| 4 | 1 | 32 | 14 | 4 | 31 | 22 | 59 | 14 | 98 | 38 | 142 | 7 |
| 5 | 1 | 56 | 14 | 32 | 32 | 6 | 60 | 23 | 100 | 4 | 143 | 44 |
| 6 | 2 | 19 | 15 | 1 | 32 | 51 | 61 | 33 | 101 | 30 | 145 | 12 |
| 7 | 2 | 43 | 15 | 30 | 33 | 36 | 62 | 44 | 102 | 56 | 146 | 39 |
| 8 | 3 | 6 | 15 | 59 | 34 | 22 | 63 | 56 | 104 | 22 | 148 | 7 |
| 9 | 3 | 30 | 16 | 29 | 35 | 8 | 65 | 9 | 105 | 48 | 149 | 34 |
| 10 | 3 | 54 | 16 | 59 | 35 | 55 | 66 | 22 | 107 | 15 | 151 | 1 |
| 11 | 4 | 17 | 17 | 29 | 36 | 43 | 67 | 36 | 108 | 42 | 152 | 29 |
| 12 | 4 | 41 | 18 | 0 | 37 | 32 | 68 | 51 | 110 | 9 | 153 | 56 |
| 13 | 5 | 5 | 18 | 31 | 38 | 22 | 70 | 6 | 111 | 36 | 155 | 23 |
| 14 | 5 | 29 | 19 | 32 | 39 | 13 | 71 | 22 | 113 | 4 | 156 | 50 |
| 15 | 5 | 53 | 19 | 34 | 40 | 5 | 72 | 39 | 114 | 32 | 158 | 17 |
| 16 | 6 | 17 | 20 | 7 | 40 | 57 | 73 | 57 | 115 | 59 | 159 | 44 |
| 17 | 6 | 41 | 20 | 40 | 41 | 50 | 75 | 15 | 117 | 26 | 161 | 11 |
| 18 | 7 | 5 | 21 | 13 | 42 | 44 | 76 | 34 | 118 | 54 | 162 | 38 |
| 19 | 7 | 30 | 21 | 47 | 43 | 39 | 77 | 53 | 120 | 21 | 164 | 5 |
| 20 | 7 | 55 | 22 | 21 | 44 | 36 | 79 | 13 | 121 | 49 | 165 | 32 |
| 21 | 8 | 20 | 22 | 56 | 45 | 33 | 80 | 34 | 123 | 17 | 166 | 59 |
| 22 | 8 | 45 | 23 | 31 | 46 | 31 | 81 | 55 | 124 | 45 | 168 | 26 |
| 23 | 9 | 10 | 24 | 7 | 47 | 30 | 83 | 16 | 126 | 13 | 169 | 53 |
| 24 | 9 | 36 | 24 | 43 | 48 | 29 | 84 | 38 | 127 | 41 | 171 | 20 |
| 25 | 10 | 2 | 25 | 20 | 49 | 29 | 86 | 0 | 129 | 8 | 172 | 46 |
| 26 | 10 | 28 | 25 | 58 | 50 | 30 | 87 | 22 | 130 | 36 | 174 | 13 |
| 27 | 10 | 54 | 26 | 36 | 51 | 32 | 88 | 45 | 132 | 4 | 175 | 40 |
| 28 | 11 | 20 | 27 | 15 | 52 | 35 | 90 | 9 | 133 | 31 | 177 | 7 |
| 29 | 11 | 47 | 27 | 54 | 53 | 40 | 91 | 33 | 134 | 59 | 178 | 34 |
| 30 | 12 | 14 | 28 | 34 | 54 | 46 | 92 | 58 | 136 | 26 | 180 | 0 |

Ad latitudinem .53. Graduum.

| S | ♈ | | ♉ | | ♊ | | ♋ | | ♌ | | | |
|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|
| | S | m | S | m | S | m | S | m | S | m | | |
| 0 | 180 | 0 | 223 | 34 | 267 | 2 | 305 | 14 | 331 | 26 | 347 | 46 |
| 1 | 181 | 26 | 225 | 1 | 268 | 27 | 306 | 20 | 332 | 6 | 348 | 13 |
| 2 | 182 | 53 | 226 | 29 | 269 | 51 | 307 | 25 | 332 | 45 | 348 | 40 |
| 3 | 184 | 20 | 227 | 56 | 271 | 15 | 308 | 28 | 333 | 24 | 349 | 6 |
| 4 | 185 | 47 | 229 | 24 | 272 | 38 | 309 | 30 | 334 | 2 | 349 | 32 |
| 5 | 187 | 14 | 230 | 52 | 274 | 0 | 310 | 31 | 334 | 40 | 349 | 58 |
| 6 | 188 | 40 | 232 | 19 | 275 | 22 | 311 | 31 | 335 | 17 | 350 | 24 |
| 7 | 190 | 7 | 233 | 47 | 276 | 44 | 312 | 30 | 335 | 53 | 350 | 50 |
| 8 | 191 | 34 | 235 | 15 | 278 | 5 | 313 | 21 | 336 | 29 | 351 | 15 |
| 9 | 193 | 1 | 236 | 43 | 279 | 26 | 314 | 27 | 337 | 4 | 351 | 40 |
| 10 | 194 | 28 | 238 | 11 | 280 | 47 | 315 | 24 | 337 | 39 | 352 | 5 |
| 11 | 196 | 55 | 239 | 39 | 282 | 7 | 316 | 21 | 338 | 13 | 352 | 30 |
| 12 | 197 | 22 | 241 | 6 | 283 | 26 | 317 | 16 | 338 | 47 | 352 | 55 |
| 13 | 198 | 49 | 242 | 24 | 284 | 45 | 318 | 10 | 339 | 20 | 353 | 19 |
| 14 | 200 | 16 | 244 | 1 | 286 | 3 | 319 | 3 | 339 | 53 | 353 | 42 |
| 15 | 201 | 43 | 245 | 28 | 287 | 21 | 319 | 55 | 340 | 26 | 354 | 7 |
| 16 | 203 | 10 | 246 | 56 | 288 | 38 | 320 | 47 | 340 | 58 | 354 | 31 |
| 17 | 204 | 37 | 248 | 24 | 289 | 54 | 321 | 38 | 341 | 29 | 354 | 55 |
| 18 | 206 | 4 | 249 | 51 | 291 | 9 | 322 | 28 | 342 | 0 | 355 | 19 |
| 19 | 207 | 31 | 251 | 18 | 292 | 24 | 223 | 17 | 342 | 31 | 355 | 43 |
| 20 | 208 | 59 | 252 | 45 | 293 | 38 | 324 | 5 | 343 | 1 | 356 | 6 |
| 21 | 210 | 26 | 254 | 12 | 294 | 51 | 324 | 52 | 343 | 31 | 356 | 30 |
| 22 | 211 | 53 | 255 | 38 | 296 | 4 | 325 | 38 | 344 | 1 | 356 | 54 |
| 23 | 213 | 21 | 257 | 4 | 297 | 16 | 326 | 24 | 344 | 30 | 357 | 17 |
| 24 | 214 | 48 | 258 | 30 | 298 | 27 | 327 | 9 | 344 | 59 | 357 | 41 |
| 25 | 216 | 16 | 259 | 56 | 299 | 37 | 327 | 54 | 345 | 28 | 358 | 4 |
| 26 | 217 | 43 | 261 | 22 | 300 | 46 | 328 | 38 | 345 | 56 | 358 | 28 |
| 27 | 219 | 11 | 262 | 47 | 301 | 54 | 329 | 21 | 346 | 24 | 358 | 51 |
| 28 | 220 | 38 | 264 | 12 | 303 | 1 | 330 | 3 | 346 | 52 | 359 | 14 |
| 29 | 222 | 6 | 265 | 37 | 304 | 8 | 330 | 45 | 347 | 19 | 359 | 37 |
| 30 | 223 | 34 | 267 | 2 | 305 | 14 | 331 | 26 | 347 | 46 | 360 | 0 |

Tabula Ascensionum Obliquarum

| | γ | | δ | | π | | σ | | Ω | | η | |
|----|----|----|----|----|----|----|----|----|-----|----|-----|----|
| δ | δ | in | δ | in | δ | in | δ | in | δ | in | δ | in |
| 0 | 0 | 0 | 11 | 38 | 27 | 22 | 53 | 14 | 91 | 46 | 135 | 50 |
| 1 | 0 | 22 | 12 | 4 | 28 | 2 | 54 | 21 | 93 | 12 | 137 | 19 |
| 2 | 0 | 44 | 12 | 30 | 28 | 43 | 55 | 28 | 94 | 38 | 138 | 48 |
| 3 | 1 | 6 | 12 | 56 | 29 | 24 | 56 | 36 | 96 | 4 | 140 | 17 |
| 4 | 1 | 28 | 13 | 23 | 30 | 6 | 57 | 44 | 97 | 31 | 141 | 46 |
| 5 | 1 | 50 | 13 | 50 | 30 | 49 | 58 | 53 | 98 | 58 | 143 | 14 |
| 6 | 2 | 12 | 14 | 18 | 31 | 32 | 60 | 3 | 100 | 25 | 144 | 43 |
| 7 | 2 | 34 | 14 | 46 | 32 | 16 | 61 | 14 | 101 | 52 | 146 | 12 |
| 8 | 2 | 57 | 15 | 14 | 33 | 1 | 62 | 26 | 103 | 19 | 147 | 41 |
| 9 | 3 | 19 | 15 | 42 | 33 | 47 | 63 | 39 | 104 | 47 | 149 | 10 |
| 10 | 3 | 42 | 16 | 11 | 34 | 33 | 64 | 53 | 106 | 15 | 150 | 38 |
| 11 | 4 | 4 | 16 | 40 | 35 | 20 | 66 | 8 | 107 | 43 | 152 | 7 |
| 12 | 4 | 27 | 17 | 9 | 36 | 8 | 67 | 23 | 109 | 11 | 153 | 35 |
| 13 | 4 | 49 | 17 | 38 | 36 | 57 | 68 | 39 | 110 | 40 | 155 | 3 |
| 14 | 5 | 12 | 18 | 8 | 37 | 48 | 69 | 56 | 112 | 8 | 156 | 31 |
| 15 | 5 | 35 | 18 | 39 | 38 | 39 | 71 | 13 | 113 | 37 | 157 | 59 |
| 16 | 5 | 58 | 19 | 11 | 39 | 31 | 72 | 31 | 115 | 5 | 159 | 28 |
| 17 | 6 | 21 | 19 | 43 | 40 | 24 | 73 | 50 | 116 | 34 | 160 | 56 |
| 18 | 6 | 44 | 20 | 15 | 41 | 18 | 75 | 10 | 118 | 3 | 162 | 24 |
| 19 | 7 | 8 | 20 | 48 | 42 | 12 | 76 | 30 | 119 | 32 | 163 | 52 |
| 20 | 7 | 32 | 21 | 21 | 43 | 7 | 77 | 51 | 121 | 1 | 165 | 20 |
| 21 | 7 | 56 | 21 | 54 | 44 | 3 | 79 | 13 | 122 | 30 | 166 | 48 |
| 22 | 8 | 20 | 22 | 28 | 45 | 0 | 80 | 35 | 123 | 59 | 168 | 16 |
| 23 | 8 | 44 | 23 | 3 | 45 | 58 | 81 | 57 | 125 | 28 | 169 | 44 |
| 24 | 9 | 8 | 23 | 38 | 46 | 58 | 83 | 20 | 126 | 57 | 171 | 12 |
| 25 | 9 | 32 | 24 | 14 | 47 | 59 | 84 | 43 | 128 | 26 | 172 | 40 |
| 26 | 9 | 57 | 24 | 50 | 49 | 0 | 86 | 6 | 129 | 55 | 174 | 8 |
| 27 | 10 | 22 | 25 | 27 | 50 | 2 | 87 | 30 | 131 | 24 | 175 | 36 |
| 28 | 10 | 47 | 26 | 5 | 51 | 5 | 88 | 55 | 132 | 53 | 177 | 4 |
| 29 | 11 | 12 | 26 | 43 | 52 | 9 | 90 | 20 | 134 | 22 | 178 | 32 |
| 30 | 11 | 38 | 27 | 22 | 53 | 14 | 91 | 46 | 135 | 50 | 180 | 0 |

Ad latitudinem .54. Graduum

| | ♈ | ♉ | ♊ | ♋ | ♌ | ♍ |
|----|--------|--------|--------|--------|--------|--------|
| ♁ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ |
| ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ |
| 0 | 180 0 | 224 10 | 268 14 | 306 46 | 332 38 | 348 22 |
| 1 | 181 28 | 225 38 | 269 40 | 307 51 | 333 17 | 348 48 |
| 2 | 182 56 | 227 7 | 271 5 | 308 55 | 333 55 | 349 13 |
| 3 | 184 24 | 228 36 | 272 30 | 309 58 | 334 33 | 349 38 |
| 4 | 185 52 | 230 5 | 273 54 | 311 0 | 335 10 | 350 3 |
| 5 | 187 20 | 231 34 | 275 17 | 312 1 | 335 46 | 350 28 |
| 6 | 188 48 | 233 3 | 276 40 | 313 2 | 336 22 | 350 52 |
| 7 | 190 16 | 234 32 | 278 3 | 314 2 | 336 57 | 351 16 |
| 8 | 191 44 | 236 1 | 279 25 | 315 0 | 337 32 | 351 40 |
| 9 | 193 12 | 237 30 | 280 47 | 315 57 | 338 6 | 352 4 |
| 10 | 194 40 | 238 59 | 282 9 | 316 53 | 338 39 | 352 28 |
| 11 | 196 8 | 240 28 | 283 30 | 317 48 | 339 12 | 352 52 |
| 12 | 197 36 | 241 57 | 284 50 | 318 42 | 339 45 | 353 16 |
| 13 | 199 4 | 243 26 | 286 10 | 319 36 | 340 17 | 353 39 |
| 14 | 200 32 | 244 55 | 287 29 | 320 29 | 340 49 | 354 2 |
| 15 | 202 1 | 246 23 | 288 47 | 321 21 | 341 21 | 354 25 |
| 16 | 203 29 | 247 52 | 290 4 | 322 12 | 341 52 | 354 48 |
| 17 | 204 57 | 249 20 | 291 21 | 323 3 | 342 22 | 355 11 |
| 18 | 206 25 | 250 49 | 292 37 | 323 52 | 342 51 | 355 33 |
| 19 | 207 53 | 252 17 | 293 52 | 324 40 | 343 20 | 355 56 |
| 20 | 209 22 | 253 45 | 295 7 | 325 27 | 343 49 | 356 18 |
| 21 | 210 50 | 255 13 | 296 21 | 326 13 | 344 18 | 356 41 |
| 22 | 212 19 | 256 41 | 297 34 | 326 59 | 344 46 | 357 3 |
| 23 | 213 48 | 258 8 | 298 46 | 327 44 | 345 14 | 357 26 |
| 24 | 215 17 | 259 35 | 299 57 | 328 28 | 345 42 | 357 48 |
| 25 | 216 46 | 261 2 | 301 7 | 329 11 | 346 10 | 358 10 |
| 26 | 218 14 | 262 29 | 302 16 | 329 54 | 346 37 | 358 32 |
| 27 | 219 43 | 263 56 | 303 24 | 330 36 | 347 4 | 358 54 |
| 28 | 221 12 | 265 22 | 304 32 | 331 17 | 347 30 | 359 16 |
| 29 | 222 41 | 266 48 | 305 39 | 331 58 | 347 56 | 359 38 |
| 30 | 224 10 | 268 14 | 306 46 | 332 38 | 348 22 | 360 0 |

) 21

Tabula Ascensionum Obliquarum

| δ | γ | | ϛ | | π | | ε | | ζ | | η | |
|----|----|----|----|----|----|----|----|----|-----|----|-----|----|
| | δ | in | δ | in | δ | in | δ | in | δ | in | δ | in |
| 0 | 0 | 0 | 11 | 1 | 26 | 6 | 51 | 37 | 90 | 30 | 135 | 13 |
| 1 | 0 | 20 | 11 | 25 | 26 | 44 | 52 | 42 | 91 | 57 | 136 | 43 |
| 2 | 0 | 41 | 11 | 50 | 27 | 23 | 53 | 49 | 93 | 24 | 138 | 13 |
| 3 | 1 | 2 | 12 | 15 | 28 | 3 | 54 | 57 | 94 | 52 | 139 | 43 |
| 4 | 1 | 23 | 12 | 40 | 28 | 44 | 56 | 6 | 96 | 20 | 141 | 13 |
| 5 | 1 | 44 | 13 | 6 | 29 | 26 | 57 | 16 | 97 | 48 | 142 | 43 |
| 6 | 2 | 5 | 13 | 32 | 30 | 8 | 58 | 27 | 99 | 16 | 144 | 13 |
| 7 | 2 | 26 | 13 | 59 | 30 | 51 | 59 | 39 | 100 | 44 | 145 | 43 |
| 8 | 2 | 47 | 14 | 26 | 31 | 35 | 60 | 52 | 102 | 13 | 147 | 13 |
| 9 | 3 | 8 | 14 | 53 | 32 | 20 | 62 | 5 | 103 | 42 | 148 | 43 |
| 10 | 3 | 30 | 15 | 20 | 33 | 6 | 63 | 19 | 105 | 11 | 150 | 13 |
| 11 | 3 | 51 | 15 | 48 | 33 | 53 | 64 | 34 | 106 | 40 | 151 | 42 |
| 12 | 4 | 12 | 16 | 16 | 34 | 41 | 65 | 50 | 108 | 10 | 153 | 12 |
| 13 | 4 | 34 | 16 | 44 | 35 | 29 | 67 | 7 | 109 | 40 | 154 | 41 |
| 14 | 4 | 55 | 17 | 13 | 36 | 18 | 68 | 24 | 111 | 10 | 156 | 11 |
| 15 | 5 | 17 | 17 | 42 | 37 | 8 | 69 | 42 | 112 | 40 | 157 | 40 |
| 16 | 5 | 39 | 18 | 12 | 37 | 59 | 71 | 1 | 114 | 10 | 159 | 10 |
| 17 | 6 | 1 | 18 | 43 | 38 | 51 | 72 | 21 | 115 | 40 | 160 | 39 |
| 18 | 6 | 23 | 19 | 14 | 39 | 44 | 73 | 31 | 117 | 10 | 162 | 8 |
| 19 | 6 | 45 | 19 | 45 | 40 | 38 | 75 | 2 | 118 | 40 | 163 | 38 |
| 20 | 7 | 7 | 20 | 17 | 41 | 33 | 76 | 24 | 120 | 10 | 165 | 8 |
| 21 | 7 | 29 | 20 | 49 | 42 | 29 | 77 | 46 | 121 | 40 | 166 | 38 |
| 22 | 7 | 52 | 21 | 22 | 43 | 26 | 79 | 8 | 123 | 11 | 168 | 7 |
| 23 | 8 | 15 | 21 | 55 | 44 | 24 | 80 | 31 | 124 | 42 | 169 | 36 |
| 24 | 8 | 38 | 22 | 26 | 45 | 23 | 81 | 55 | 126 | 12 | 171 | 5 |
| 25 | 9 | 1 | 23 | 4 | 46 | 22 | 83 | 20 | 127 | 42 | 172 | 36 |
| 26 | 9 | 35 | 23 | 39 | 47 | 23 | 84 | 45 | 129 | 13 | 174 | 4 |
| 27 | 9 | 49 | 24 | 15 | 48 | 25 | 86 | 11 | 130 | 43 | 175 | 33 |
| 28 | 10 | 13 | 24 | 51 | 49 | 28 | 87 | 37 | 132 | 13 | 177 | 2 |
| 29 | 10 | 37 | 25 | 28 | 50 | 32 | 89 | 3 | 133 | 43 | 178 | 31 |
| 30 | 11 | 1 | 26 | 6 | 51 | 37 | 90 | 30 | 135 | 13 | 180 | 0 |

Ad latitudinem .55. Graduum

| | ♈ | | ♉ | | ♊ | | ♋ | | ♌ | |
|----|-----|----|-----|----|-----|----|-----|----|-----|----|
| B | B | m | B | m | B | m | B | m | B | m |
| 0 | 180 | 0 | 224 | 47 | 269 | 30 | 308 | 23 | 333 | 54 |
| 1 | 181 | 29 | 226 | 17 | 270 | 57 | 309 | 28 | 334 | 32 |
| 2 | 182 | 58 | 227 | 47 | 272 | 23 | 310 | 32 | 335 | 9 |
| 3 | 184 | 27 | 229 | 17 | 273 | 49 | 311 | 35 | 335 | 45 |
| 4 | 185 | 56 | 230 | 47 | 275 | 15 | 312 | 37 | 336 | 21 |
| 5 | 187 | 26 | 232 | 18 | 276 | 40 | 313 | 38 | 336 | 56 |
| 6 | 188 | 55 | 233 | 48 | 278 | 5 | 314 | 37 | 337 | 31 |
| 7 | 190 | 24 | 235 | 18 | 279 | 29 | 315 | 36 | 338 | 5 |
| 8 | 191 | 53 | 236 | 49 | 280 | 52 | 316 | 34 | 338 | 38 |
| 9 | 193 | 22 | 238 | 20 | 282 | 14 | 317 | 31 | 339 | 11 |
| 10 | 194 | 52 | 239 | 50 | 283 | 36 | 318 | 27 | 339 | 43 |
| 11 | 196 | 21 | 241 | 20 | 284 | 58 | 319 | 22 | 340 | 15 |
| 12 | 197 | 50 | 242 | 50 | 286 | 19 | 320 | 16 | 340 | 46 |
| 13 | 199 | 20 | 244 | 20 | 287 | 39 | 321 | 9 | 341 | 17 |
| 14 | 200 | 49 | 245 | 50 | 288 | 59 | 322 | 1 | 341 | 48 |
| 15 | 202 | 19 | 247 | 20 | 290 | 18 | 322 | 52 | 342 | 18 |
| 16 | 203 | 48 | 248 | 50 | 291 | 36 | 323 | 42 | 342 | 47 |
| 17 | 205 | 18 | 250 | 20 | 292 | 53 | 324 | 31 | 343 | 16 |
| 18 | 206 | 47 | 251 | 50 | 294 | 10 | 325 | 19 | 343 | 44 |
| 19 | 208 | 17 | 253 | 20 | 295 | 26 | 326 | 7 | 344 | 12 |
| 20 | 209 | 47 | 254 | 49 | 296 | 41 | 326 | 54 | 344 | 40 |
| 21 | 211 | 17 | 256 | 18 | 297 | 55 | 327 | 40 | 345 | 7 |
| 22 | 212 | 47 | 257 | 47 | 299 | 8 | 328 | 25 | 345 | 34 |
| 23 | 214 | 17 | 259 | 16 | 300 | 31 | 329 | 9 | 346 | 1 |
| 24 | 215 | 47 | 260 | 44 | 301 | 33 | 329 | 52 | 346 | 28 |
| 25 | 217 | 17 | 262 | 12 | 302 | 44 | 330 | 34 | 346 | 54 |
| 26 | 218 | 47 | 263 | 40 | 303 | 54 | 331 | 16 | 347 | 20 |
| 27 | 220 | 17 | 265 | 8 | 305 | 3 | 331 | 57 | 347 | 45 |
| 28 | 221 | 47 | 266 | 36 | 306 | 11 | 332 | 37 | 348 | 10 |
| 29 | 223 | 17 | 268 | 3 | 307 | 18 | 333 | 16 | 348 | 35 |
| 30 | 224 | 47 | 269 | 30 | 308 | 23 | 333 | 54 | 348 | 59 |

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Tabula Ascensionum Obliquarum

| h | γ | | ♄ | | ♃ | | ♁ | | ♅ | | ♄ | |
|----|----|----|----|----|----|----|----|----|-----|----|-----|----|
| | h | m | h | m | h | m | h | m | h | m | h | m |
| 0 | 0 | 0 | 10 | 21 | 24 | 44 | 49 | 52 | 89 | 8 | 134 | 33 |
| 1 | 0 | 19 | 10 | 44 | 25 | 21 | 50 | 58 | 90 | 37 | 136 | 5 |
| 2 | 0 | 39 | 11 | 7 | 25 | 59 | 52 | 5 | 92 | 6 | 137 | 36 |
| 3 | 0 | 58 | 11 | 31 | 26 | 38 | 53 | 13 | 93 | 35 | 139 | 8 |
| 4 | 1 | 18 | 11 | 55 | 27 | 18 | 54 | 22 | 95 | 4 | 140 | 39 |
| 5 | 1 | 38 | 12 | 19 | 27 | 59 | 55 | 32 | 96 | 33 | 142 | 10 |
| 6 | 1 | 57 | 12 | 44 | 28 | 40 | 56 | 43 | 98 | 3 | 143 | 42 |
| 7 | 2 | 17 | 13 | 9 | 29 | 22 | 57 | 55 | 99 | 33 | 145 | 13 |
| 8 | 2 | 37 | 13 | 34 | 30 | 5 | 59 | 8 | 101 | 3 | 146 | 45 |
| 9 | 2 | 57 | 14 | 0 | 30 | 48 | 60 | 22 | 102 | 33 | 148 | 16 |
| 10 | 3 | 17 | 14 | 26 | 31 | 37 | 61 | 37 | 104 | 3 | 149 | 47 |
| 11 | 3 | 37 | 14 | 52 | 32 | 17 | 62 | 53 | 105 | 34 | 151 | 18 |
| 12 | 3 | 57 | 15 | 19 | 33 | 3 | 64 | 9 | 107 | 5 | 152 | 49 |
| 13 | 4 | 17 | 15 | 46 | 33 | 50 | 65 | 26 | 108 | 36 | 154 | 20 |
| 14 | 4 | 37 | 16 | 13 | 34 | 39 | 66 | 44 | 110 | 7 | 155 | 51 |
| 15 | 4 | 57 | 16 | 41 | 35 | 29 | 68 | 3 | 111 | 39 | 157 | 21 |
| 16 | 5 | 17 | 17 | 10 | 36 | 20 | 69 | 23 | 113 | 10 | 158 | 52 |
| 17 | 5 | 38 | 17 | 39 | 37 | 12 | 70 | 44 | 114 | 41 | 160 | 23 |
| 18 | 5 | 59 | 18 | 9 | 38 | 4 | 72 | 5 | 116 | 12 | 161 | 54 |
| 19 | 6 | 20 | 18 | 39 | 38 | 57 | 73 | 27 | 117 | 44 | 163 | 25 |
| 20 | 6 | 41 | 19 | 9 | 39 | 51 | 74 | 50 | 119 | 16 | 164 | 55 |
| 21 | 7 | 2 | 19 | 40 | 40 | 46 | 76 | 13 | 120 | 48 | 166 | 26 |
| 22 | 7 | 23 | 20 | 12 | 41 | 42 | 77 | 37 | 122 | 20 | 167 | 57 |
| 23 | 7 | 45 | 20 | 44 | 42 | 39 | 79 | 2 | 123 | 52 | 169 | 27 |
| 24 | 8 | 6 | 21 | 16 | 43 | 38 | 80 | 27 | 125 | 24 | 170 | 58 |
| 25 | 8 | 26 | 21 | 49 | 44 | 38 | 81 | 53 | 126 | 55 | 172 | 28 |
| 26 | 8 | 50 | 22 | 22 | 45 | 39 | 83 | 19 | 128 | 37 | 173 | 59 |
| 27 | 9 | 13 | 22 | 56 | 46 | 41 | 84 | 46 | 129 | 59 | 175 | 29 |
| 28 | 9 | 35 | 23 | 31 | 47 | 44 | 86 | 13 | 131 | 30 | 177 | 0 |
| 29 | 9 | 58 | 24 | 7 | 48 | 48 | 87 | 40 | 133 | 2 | 178 | 30 |
| 30 | 10 | 21 | 24 | 44 | 49 | 52 | 89 | 8 | 134 | 33 | 180 | 0 |

Ad latitudinem .56. Graduum

| | ♈ | | ♉ | | ♊ | | ♋ | | ♌ | |
|----|-----|----|-----|----|-----|----|-----|----|-----|----|
| h | D | m | D | m | D | m | D | m | D | m |
| 0 | 180 | 0 | 225 | 27 | 270 | 52 | 310 | 8 | 335 | 16 |
| 1 | 181 | 30 | 226 | 58 | 272 | 20 | 311 | 12 | 335 | 53 |
| 2 | 183 | 0 | 228 | 30 | 273 | 47 | 312 | 16 | 336 | 29 |
| 3 | 184 | 31 | 230 | 1 | 275 | 14 | 313 | 19 | 337 | 4 |
| 4 | 186 | 1 | 231 | 33 | 276 | 41 | 314 | 21 | 337 | 38 |
| 5 | 187 | 32 | 233 | 5 | 278 | 7 | 315 | 22 | 338 | 11 |
| 6 | 189 | 2 | 234 | 36 | 279 | 33 | 316 | 22 | 338 | 44 |
| 7 | 190 | 33 | 236 | 8 | 280 | 58 | 317 | 21 | 339 | 16 |
| 8 | 192 | 3 | 237 | 40 | 282 | 23 | 318 | 18 | 339 | 48 |
| 9 | 193 | 34 | 239 | 12 | 283 | 47 | 319 | 14 | 340 | 20 |
| 10 | 195 | 5 | 240 | 44 | 285 | 10 | 320 | 9 | 340 | 51 |
| 11 | 196 | 35 | 242 | 16 | 286 | 33 | 321 | 3 | 341 | 21 |
| 12 | 198 | 6 | 243 | 48 | 287 | 55 | 321 | 56 | 341 | 51 |
| 13 | 199 | 37 | 245 | 19 | 289 | 16 | 322 | 48 | 342 | 21 |
| 14 | 201 | 8 | 246 | 50 | 290 | 37 | 323 | 40 | 342 | 50 |
| 15 | 202 | 39 | 248 | 21 | 291 | 57 | 324 | 31 | 343 | 19 |
| 16 | 204 | 9 | 249 | 53 | 293 | 16 | 325 | 21 | 343 | 47 |
| 17 | 205 | 40 | 251 | 24 | 294 | 34 | 326 | 10 | 344 | 14 |
| 18 | 207 | 11 | 252 | 55 | 295 | 51 | 326 | 57 | 344 | 41 |
| 19 | 208 | 42 | 254 | 26 | 297 | 7 | 327 | 43 | 345 | 8 |
| 20 | 210 | 13 | 255 | 57 | 298 | 23 | 328 | 28 | 345 | 34 |
| 21 | 211 | 44 | 257 | 27 | 299 | 38 | 329 | 12 | 346 | 0 |
| 22 | 213 | 15 | 258 | 57 | 300 | 52 | 329 | 55 | 346 | 26 |
| 23 | 214 | 47 | 260 | 27 | 302 | 5 | 330 | 38 | 346 | 51 |
| 24 | 216 | 18 | 261 | 57 | 303 | 17 | 331 | 20 | 347 | 16 |
| 25 | 217 | 50 | 263 | 27 | 304 | 28 | 332 | 1 | 347 | 41 |
| 26 | 219 | 21 | 264 | 56 | 305 | 38 | 332 | 42 | 348 | 5 |
| 27 | 220 | 52 | 266 | 25 | 306 | 47 | 333 | 22 | 348 | 29 |
| 28 | 222 | 24 | 267 | 54 | 307 | 55 | 334 | 1 | 348 | 53 |
| 29 | 223 | 55 | 269 | 23 | 309 | 2 | 334 | 39 | 349 | 16 |
| 30 | 225 | 27 | 270 | 52 | 310 | 8 | 335 | 16 | 349 | 39 |

Tabula Ascensionum Obliquarum

| ♁ | ♈ | | ♉ | | ♊ | | ♋ | | ♌ | | ♍ | |
|----|---|----|----|----|----|----|----|----|-----|----|-----|----|
| | ♁ | ♂ | ♁ | ♂ | ♁ | ♂ | ♁ | ♂ | ♁ | ♂ | ♁ | ♂ |
| 0 | 0 | 0 | 9 | 39 | 23 | 17 | 47 | 58 | 87 | 41 | 133 | 51 |
| 1 | 0 | 18 | 10 | 0 | 23 | 53 | 49 | 5 | 89 | 11 | 135 | 24 |
| 2 | 0 | 36 | 10 | 22 | 24 | 30 | 50 | 12 | 90 | 41 | 136 | 57 |
| 3 | 0 | 54 | 10 | 44 | 25 | 7 | 51 | 20 | 92 | 11 | 138 | 30 |
| 4 | 1 | 12 | 11 | 6 | 25 | 45 | 52 | 29 | 93 | 42 | 140 | 3 |
| 5 | 1 | 31 | 11 | 29 | 26 | 24 | 53 | 39 | 95 | 13 | 141 | 35 |
| 6 | 1 | 49 | 11 | 52 | 27 | 4 | 54 | 50 | 96 | 44 | 143 | 8 |
| 7 | 2 | 7 | 12 | 16 | 27 | 45 | 56 | 2 | 98 | 15 | 144 | 41 |
| 8 | 2 | 26 | 12 | 40 | 28 | 27 | 57 | 15 | 99 | 47 | 146 | 14 |
| 9 | 2 | 44 | 13 | 4 | 29 | 9 | 58 | 30 | 101 | 19 | 147 | 47 |
| 10 | 3 | 3 | 13 | 29 | 29 | 52 | 59 | 46 | 102 | 51 | 149 | 19 |
| 11 | 3 | 21 | 13 | 54 | 30 | 36 | 61 | 3 | 104 | 23 | 150 | 52 |
| 12 | 3 | 40 | 14 | 19 | 31 | 21 | 62 | 20 | 105 | 56 | 152 | 24 |
| 13 | 3 | 59 | 14 | 45 | 32 | 7 | 63 | 38 | 107 | 29 | 153 | 57 |
| 14 | 4 | 18 | 15 | 11 | 32 | 54 | 64 | 57 | 109 | 2 | 155 | 29 |
| 15 | 4 | 37 | 15 | 37 | 33 | 43 | 66 | 17 | 110 | 35 | 157 | 1 |
| 16 | 4 | 56 | 16 | 4 | 34 | 33 | 67 | 38 | 112 | 7 | 158 | 33 |
| 17 | 5 | 15 | 16 | 32 | 35 | 24 | 69 | 0 | 113 | 40 | 160 | 5 |
| 18 | 5 | 34 | 17 | 0 | 36 | 15 | 70 | 23 | 115 | 13 | 161 | 47 |
| 19 | 5 | 53 | 17 | 28 | 37 | 7 | 71 | 46 | 116 | 46 | 163 | 9 |
| 20 | 6 | 13 | 17 | 57 | 38 | 0 | 73 | 10 | 118 | 19 | 164 | 41 |
| 21 | 6 | 33 | 18 | 26 | 38 | 55 | 74 | 34 | 119 | 52 | 166 | 13 |
| 22 | 6 | 53 | 18 | 56 | 39 | 51 | 75 | 59 | 121 | 25 | 167 | 45 |
| 23 | 7 | 13 | 19 | 26 | 40 | 48 | 77 | 25 | 122 | 38 | 169 | 17 |
| 24 | 7 | 33 | 19 | 57 | 41 | 46 | 78 | 51 | 124 | 31 | 170 | 49 |
| 25 | 7 | 53 | 20 | 29 | 42 | 45 | 80 | 18 | 126 | 5 | 172 | 21 |
| 26 | 8 | 14 | 21 | 1 | 43 | 46 | 81 | 46 | 127 | 39 | 173 | 53 |
| 27 | 8 | 35 | 21 | 34 | 44 | 48 | 83 | 14 | 129 | 12 | 175 | 25 |
| 28 | 8 | 56 | 22 | 8 | 45 | 51 | 84 | 43 | 130 | 45 | 176 | 57 |
| 29 | 9 | 17 | 22 | 42 | 46 | 54 | 86 | 12 | 132 | 18 | 178 | 29 |
| 30 | 9 | 39 | 23 | 17 | 47 | 58 | 87 | 41 | 133 | 51 | 180 | 0 |

Ad latitudinem .57. Graduum

| | ♈ | ♉ | ♊ | ♋ | ♌ | ♍ |
|----|--------|--------|--------|--------|--------|--------|
| h | h m | h m | h m | h m | h m | h m |
| 0 | 180 0 | 226 9 | 272 19 | 312 2 | 336 43 | 350 21 |
| 1 | 181 31 | 227 42 | 273 48 | 313 6 | 337 18 | 350 43 |
| 2 | 183 3 | 229 15 | 275 17 | 314 9 | 337 52 | 351 4 |
| 3 | 184 35 | 230 48 | 276 46 | 315 12 | 338 26 | 351 25 |
| 4 | 186 7 | 232 21 | 278 14 | 316 14 | 338 59 | 351 46 |
| 5 | 187 36 | 233 55 | 279 42 | 317 15 | 339 31 | 352 7 |
| 6 | 189 11 | 235 29 | 281 9 | 318 14 | 340 3 | 352 27 |
| 7 | 190 43 | 237 2 | 282 35 | 319 12 | 340 34 | 352 47 |
| 8 | 192 15 | 238 35 | 284 1 | 320 9 | 341 4 | 353 7 |
| 9 | 193 47 | 240 8 | 285 26 | 321 5 | 341 34 | 353 27 |
| 10 | 195 19 | 241 41 | 286 50 | 322 0 | 342 3 | 353 47 |
| 11 | 196 51 | 243 14 | 288 14 | 322 53 | 342 32 | 354 7 |
| 12 | 198 23 | 244 47 | 289 37 | 323 45 | 343 0 | 354 26 |
| 13 | 199 55 | 246 20 | 291 0 | 324 36 | 343 28 | 354 45 |
| 14 | 201 27 | 247 53 | 292 22 | 325 27 | 343 56 | 355 4 |
| 15 | 202 59 | 249 25 | 293 43 | 326 17 | 344 23 | 355 23 |
| 16 | 204 31 | 250 58 | 295 3 | 327 6 | 344 49 | 355 42 |
| 17 | 206 3 | 252 31 | 296 22 | 327 53 | 345 15 | 356 1 |
| 18 | 207 36 | 254 4 | 297 40 | 328 39 | 345 41 | 356 20 |
| 19 | 209 8 | 255 37 | 298 57 | 329 24 | 346 6 | 356 39 |
| 20 | 210 41 | 257 9 | 300 14 | 330 8 | 346 31 | 356 57 |
| 21 | 212 13 | 258 41 | 301 30 | 330 51 | 346 56 | 357 16 |
| 22 | 213 46 | 260 13 | 302 45 | 331 33 | 347 20 | 357 34 |
| 23 | 215 19 | 261 45 | 303 58 | 332 15 | 347 44 | 357 53 |
| 24 | 216 52 | 263 16 | 305 10 | 332 56 | 348 8 | 358 11 |
| 25 | 218 25 | 264 47 | 306 21 | 333 36 | 348 31 | 358 29 |
| 26 | 219 57 | 266 18 | 307 31 | 334 15 | 348 54 | 358 48 |
| 27 | 221 30 | 267 49 | 308 40 | 334 53 | 349 16 | 359 6 |
| 28 | 223 3 | 269 19 | 309 48 | 335 30 | 349 38 | 359 24 |
| 29 | 224 36 | 270 49 | 310 55 | 336 7 | 350 0 | 359 42 |
| 30 | 226 9 | 272 19 | 312 2 | 336 43 | 350 21 | 360 0 |

Tabula Ascensionum Obliquarum

| S | γ | | δ | | π | | ε | | Ω | | η | |
|----|---|----|----|----|----|----|----|----|-----|----|-----|----|
| | S | m | S | m | S | m | S | m | S | m | S | m |
| 0 | 0 | 0 | 8 | 54 | 21 | 43 | 45 | 54 | 86 | 7 | 133 | 6 |
| 1 | 0 | 16 | 9 | 14 | 22 | 17 | 47 | 0 | 87 | 38 | 134 | 41 |
| 2 | 0 | 33 | 9 | 34 | 22 | 52 | 48 | 7 | 89 | 10 | 136 | 15 |
| 3 | 0 | 50 | 9 | 55 | 23 | 28 | 49 | 15 | 90 | 42 | 137 | 50 |
| 4 | 1 | 7 | 10 | 16 | 24 | 5 | 50 | 25 | 92 | 14 | 139 | 24 |
| 5 | 1 | 24 | 10 | 37 | 24 | 43 | 51 | 36 | 93 | 47 | 140 | 58 |
| 6 | 1 | 48 | 10 | 59 | 25 | 21 | 52 | 48 | 95 | 20 | 142 | 33 |
| 7 | 1 | 57 | 11 | 21 | 26 | 0 | 54 | 1 | 96 | 53 | 144 | 7 |
| 8 | 2 | 14 | 11 | 43 | 26 | 40 | 55 | 16 | 98 | 26 | 145 | 41 |
| 9 | 2 | 31 | 12 | 5 | 27 | 21 | 56 | 31 | 99 | 59 | 147 | 15 |
| 10 | 2 | 48 | 12 | 28 | 28 | 3 | 57 | 47 | 101 | 33 | 148 | 49 |
| 11 | 3 | 5 | 12 | 51 | 28 | 46 | 59 | 4 | 103 | 7 | 150 | 23 |
| 12 | 3 | 22 | 13 | 15 | 29 | 30 | 60 | 22 | 104 | 42 | 151 | 57 |
| 13 | 3 | 40 | 13 | 39 | 30 | 15 | 61 | 41 | 106 | 16 | 153 | 31 |
| 14 | 3 | 57 | 14 | 3 | 31 | 1 | 63 | 1 | 107 | 51 | 155 | 5 |
| 15 | 4 | 15 | 14 | 28 | 31 | 48 | 64 | 22 | 109 | 26 | 156 | 39 |
| 16 | 4 | 32 | 14 | 53 | 32 | 36 | 65 | 44 | 111 | 0 | 158 | 13 |
| 17 | 4 | 50 | 15 | 19 | 33 | 25 | 67 | 7 | 112 | 34 | 159 | 46 |
| 18 | 5 | 7 | 15 | 45 | 34 | 16 | 68 | 31 | 114 | 9 | 161 | 20 |
| 19 | 5 | 25 | 16 | 12 | 35 | 8 | 69 | 56 | 115 | 43 | 162 | 53 |
| 20 | 5 | 43 | 16 | 39 | 36 | 1 | 71 | 21 | 117 | 18 | 164 | 26 |
| 21 | 6 | 1 | 17 | 7 | 36 | 55 | 72 | 47 | 118 | 53 | 166 | 0 |
| 22 | 6 | 20 | 17 | 35 | 37 | 50 | 74 | 14 | 120 | 28 | 167 | 34 |
| 23 | 6 | 38 | 18 | 4 | 38 | 46 | 75 | 41 | 122 | 3 | 169 | 7 |
| 24 | 6 | 57 | 18 | 35 | 39 | 43 | 77 | 9 | 123 | 38 | 170 | 41 |
| 25 | 7 | 16 | 19 | 3 | 40 | 42 | 78 | 37 | 125 | 13 | 172 | 14 |
| 26 | 7 | 35 | 19 | 33 | 41 | 42 | 80 | 6 | 126 | 48 | 173 | 48 |
| 27 | 7 | 54 | 20 | 4 | 42 | 43 | 81 | 36 | 128 | 23 | 175 | 21 |
| 28 | 8 | 14 | 20 | 36 | 43 | 45 | 83 | 6 | 129 | 57 | 176 | 54 |
| 29 | 8 | 34 | 21 | 9 | 44 | 49 | 84 | 36 | 131 | 32 | 178 | 27 |
| 30 | 8 | 54 | 21 | 43 | 45 | 54 | 86 | 7 | 133 | 6 | 180 | 0 |

Ad latitudinem .58. Graduum

| | n | | m | | p | | q | | r | | x | |
|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|
| b | b | m | b | m | b | m | b | m | b | m | b | m |
| 0 | 180 | 0 | 226 | 54 | 273 | 53 | 314 | 6 | 338 | 17 | 351 | 6 |
| 1 | 181 | 33 | 228 | 28 | 275 | 24 | 315 | 11 | 338 | 51 | 351 | 26 |
| 2 | 183 | 6 | 230 | 3 | 276 | 54 | 316 | 15 | 339 | 24 | 351 | 46 |
| 3 | 184 | 39 | 231 | 37 | 278 | 24 | 317 | 17 | 339 | 56 | 352 | 6 |
| 4 | 186 | 12 | 233 | 12 | 279 | 54 | 318 | 18 | 340 | 27 | 352 | 25 |
| 5 | 187 | 46 | 234 | 47 | 281 | 23 | 319 | 18 | 340 | 57 | 352 | 44 |
| 6 | 189 | 19 | 236 | 22 | 282 | 51 | 320 | 17 | 341 | 27 | 353 | 3 |
| 7 | 190 | 53 | 237 | 57 | 284 | 19 | 321 | 14 | 341 | 56 | 353 | 22 |
| 8 | 192 | 26 | 239 | 32 | 285 | 46 | 322 | 10 | 342 | 25 | 353 | 40 |
| 9 | 194 | 0 | 241 | 7 | 287 | 13 | 323 | 5 | 342 | 53 | 353 | 59 |
| 10 | 195 | 34 | 242 | 42 | 288 | 39 | 323 | 59 | 343 | 21 | 354 | 17 |
| 11 | 197 | 7 | 244 | 17 | 290 | 4 | 324 | 52 | 343 | 48 | 354 | 35 |
| 12 | 198 | 40 | 245 | 51 | 291 | 29 | 325 | 44 | 344 | 15 | 354 | 53 |
| 13 | 200 | 14 | 247 | 26 | 292 | 53 | 326 | 35 | 344 | 41 | 355 | 10 |
| 14 | 201 | 47 | 249 | 0 | 294 | 16 | 327 | 24 | 345 | 7 | 355 | 28 |
| 15 | 203 | 21 | 250 | 34 | 295 | 38 | 328 | 12 | 345 | 32 | 355 | 45 |
| 16 | 204 | 55 | 252 | 9 | 296 | 59 | 328 | 59 | 345 | 57 | 356 | 3 |
| 17 | 206 | 29 | 253 | 44 | 298 | 19 | 329 | 45 | 346 | 21 | 356 | 20 |
| 18 | 208 | 3 | 255 | 18 | 299 | 38 | 330 | 30 | 346 | 45 | 356 | 38 |
| 19 | 209 | 37 | 256 | 53 | 300 | 56 | 331 | 14 | 347 | 9 | 356 | 55 |
| 20 | 211 | 11 | 258 | 27 | 302 | 13 | 331 | 57 | 347 | 32 | 357 | 12 |
| 21 | 212 | 45 | 260 | 1 | 303 | 29 | 332 | 39 | 347 | 55 | 357 | 29 |
| 22 | 214 | 19 | 261 | 34 | 304 | 44 | 333 | 20 | 348 | 17 | 357 | 46 |
| 23 | 215 | 53 | 263 | 7 | 305 | 59 | 334 | 0 | 348 | 39 | 358 | 13 |
| 24 | 217 | 27 | 264 | 40 | 307 | 12 | 334 | 39 | 349 | 1 | 358 | 20 |
| 25 | 219 | 2 | 266 | 13 | 308 | 24 | 335 | 17 | 349 | 23 | 358 | 36 |
| 26 | 220 | 36 | 267 | 46 | 309 | 35 | 335 | 55 | 349 | 44 | 358 | 53 |
| 27 | 222 | 10 | 269 | 18 | 310 | 45 | 336 | 32 | 350 | 5 | 359 | 10 |
| 28 | 223 | 45 | 270 | 50 | 311 | 53 | 337 | 8 | 350 | 26 | 359 | 27 |
| 29 | 225 | 19 | 272 | 22 | 313 | 0 | 337 | 43 | 350 | 46 | 359 | 44 |
| 30 | 226 | 54 | 273 | 53 | 314 | 6 | 338 | 17 | 351 | 6 | 360 | 0 |

Tabula Ascensionum Obliquarum

| ♈ | ♋ | | ♌ | | ♍ | | ♎ | | ♏ | | ♐ | |
|----|---|----|----|----|----|----|----|----|-----|----|-----|----|
| | ♈ | ♋ | ♌ | ♍ | ♎ | ♏ | ♐ | ♑ | ♒ | ♓ | ♈ | ♋ |
| 0 | 0 | 0 | 8 | 6 | 20 | 2 | 43 | 39 | 84 | 26 | 132 | 18 |
| 1 | 0 | 15 | 8 | 25 | 20 | 34 | 44 | 45 | 85 | 59 | 133 | 55 |
| 2 | 0 | 30 | 8 | 44 | 21 | 7 | 45 | 52 | 87 | 33 | 135 | 31 |
| 3 | 0 | 45 | 9 | 3 | 21 | 41 | 47 | 1 | 89 | 7 | 137 | 7 |
| 4 | 1 | 0 | 9 | 22 | 22 | 16 | 48 | 11 | 90 | 41 | 138 | 43 |
| 5 | 1 | 6 | 9 | 41 | 22 | 53 | 49 | 22 | 92 | 15 | 140 | 19 |
| 6 | 1 | 31 | 10 | 1 | 23 | 30 | 50 | 34 | 93 | 50 | 141 | 55 |
| 7 | 1 | 46 | 10 | 21 | 24 | 8 | 51 | 48 | 95 | 25 | 143 | 31 |
| 8 | 2 | 2 | 10 | 42 | 24 | 46 | 53 | 3 | 97 | 0 | 145 | 7 |
| 9 | 2 | 17 | 11 | 3 | 25 | 25 | 54 | 19 | 98 | 35 | 146 | 43 |
| 10 | 2 | 33 | 11 | 24 | 26 | 5 | 55 | 36 | 100 | 11 | 148 | 18 |
| 11 | 2 | 48 | 11 | 45 | 26 | 46 | 56 | 54 | 101 | 47 | 149 | 54 |
| 12 | 3 | 4 | 12 | 7 | 27 | 28 | 58 | 13 | 103 | 23 | 151 | 29 |
| 13 | 3 | 19 | 12 | 29 | 28 | 12 | 59 | 33 | 104 | 59 | 153 | 5 |
| 14 | 3 | 35 | 12 | 51 | 28 | 57 | 60 | 54 | 106 | 35 | 154 | 40 |
| 15 | 3 | 51 | 13 | 14 | 29 | 43 | 62 | 17 | 108 | 12 | 156 | 15 |
| 16 | 4 | 7 | 13 | 38 | 30 | 30 | 63 | 41 | 109 | 48 | 157 | 51 |
| 17 | 4 | 23 | 14 | 2 | 31 | 18 | 65 | 5 | 111 | 24 | 159 | 26 |
| 18 | 4 | 39 | 14 | 27 | 32 | 7 | 66 | 30 | 113 | 1 | 161 | 1 |
| 19 | 4 | 55 | 14 | 52 | 32 | 58 | 67 | 56 | 114 | 37 | 162 | 36 |
| 20 | 5 | 12 | 15 | 17 | 33 | 50 | 69 | 23 | 116 | 14 | 164 | 11 |
| 21 | 5 | 29 | 15 | 43 | 34 | 43 | 70 | 51 | 117 | 50 | 165 | 46 |
| 22 | 5 | 46 | 16 | 9 | 35 | 37 | 72 | 18 | 119 | 27 | 167 | 21 |
| 23 | 6 | 3 | 16 | 36 | 36 | 33 | 73 | 48 | 121 | 4 | 168 | 56 |
| 24 | 6 | 20 | 17 | 3 | 37 | 30 | 75 | 17 | 122 | 41 | 170 | 31 |
| 25 | 6 | 37 | 17 | 31 | 38 | 28 | 76 | 47 | 124 | 17 | 172 | 6 |
| 26 | 6 | 54 | 18 | 0 | 39 | 28 | 78 | 18 | 125 | 54 | 173 | 41 |
| 27 | 7 | 12 | 18 | 30 | 40 | 29 | 79 | 49 | 127 | 30 | 175 | 16 |
| 28 | 7 | 38 | 19 | 0 | 41 | 31 | 81 | 23 | 129 | 6 | 176 | 51 |
| 29 | 7 | 48 | 19 | 31 | 42 | 34 | 82 | 53 | 130 | 42 | 178 | 26 |
| 30 | 8 | 6 | 20 | 2 | 43 | 39 | 84 | 26 | 132 | 18 | 180 | 0 |

Ad latitudinem .59. Graduum.

| S | ♌ | | ♍ | | ♎ | | ♏ | | ♐ | | ♑ | |
|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|
| | S | m | S | m | S | m | S | m | S | m | S | m |
| 0 | 180 | 0 | 227 | 42 | 275 | 34 | 316 | 21 | 339 | 58 | 351 | 54 |
| 1 | 181 | 34 | 229 | 18 | 277 | 7 | 317 | 26 | 340 | 29 | 352 | 12 |
| 2 | 183 | 9 | 230 | 54 | 278 | 39 | 318 | 29 | 341 | 0 | 352 | 30 |
| 3 | 184 | 44 | 232 | 30 | 280 | 11 | 319 | 31 | 341 | 30 | 352 | 48 |
| 4 | 186 | 19 | 234 | 6 | 281 | 42 | 320 | 32 | 342 | 0 | 353 | 6 |
| 5 | 187 | 54 | 235 | 43 | 283 | 13 | 321 | 32 | 342 | 29 | 353 | 23 |
| 6 | 189 | 29 | 237 | 19 | 284 | 43 | 322 | 30 | 342 | 57 | 353 | 40 |
| 7 | 191 | 4 | 238 | 56 | 286 | 12 | 323 | 27 | 343 | 24 | 353 | 57 |
| 8 | 192 | 39 | 240 | 33 | 287 | 41 | 324 | 23 | 343 | 51 | 354 | 14 |
| 9 | 194 | 14 | 242 | 10 | 289 | 9 | 325 | 17 | 344 | 17 | 354 | 31 |
| 10 | 195 | 49 | 243 | 46 | 290 | 37 | 326 | 10 | 344 | 43 | 354 | 48 |
| 11 | 197 | 24 | 245 | 23 | 292 | 4 | 327 | 2 | 345 | 8 | 355 | 5 |
| 12 | 198 | 59 | 246 | 59 | 293 | 30 | 327 | 53 | 345 | 33 | 355 | 21 |
| 13 | 200 | 34 | 248 | 36 | 294 | 55 | 328 | 42 | 345 | 58 | 355 | 37 |
| 14 | 202 | 9 | 250 | 12 | 296 | 19 | 329 | 30 | 346 | 22 | 355 | 53 |
| 15 | 203 | 45 | 251 | 48 | 297 | 43 | 330 | 17 | 346 | 46 | 356 | 9 |
| 16 | 205 | 20 | 253 | 25 | 299 | 6 | 331 | 3 | 347 | 9 | 356 | 25 |
| 17 | 206 | 55 | 255 | 1 | 300 | 27 | 331 | 48 | 347 | 31 | 356 | 41 |
| 18 | 208 | 31 | 256 | 37 | 301 | 47 | 332 | 32 | 347 | 53 | 356 | 56 |
| 19 | 210 | 6 | 258 | 13 | 303 | 6 | 333 | 14 | 348 | 15 | 357 | 12 |
| 20 | 211 | 42 | 259 | 49 | 304 | 24 | 333 | 55 | 348 | 36 | 357 | 27 |
| 21 | 213 | 17 | 261 | 25 | 305 | 41 | 334 | 32 | 348 | 57 | 357 | 43 |
| 22 | 214 | 53 | 263 | 0 | 306 | 57 | 335 | 14 | 349 | 18 | 357 | 58 |
| 23 | 216 | 29 | 264 | 35 | 308 | 12 | 335 | 52 | 349 | 39 | 358 | 14 |
| 24 | 218 | 5 | 266 | 10 | 309 | 26 | 336 | 30 | 349 | 59 | 358 | 29 |
| 25 | 219 | 41 | 267 | 45 | 310 | 38 | 337 | 7 | 350 | 19 | 358 | 44 |
| 26 | 221 | 17 | 269 | 19 | 311 | 49 | 337 | 44 | 350 | 38 | 359 | 0 |
| 27 | 222 | 53 | 270 | 53 | 312 | 59 | 338 | 19 | 350 | 57 | 359 | 15 |
| 28 | 224 | 29 | 272 | 27 | 314 | 8 | 338 | 53 | 351 | 16 | 359 | 30 |
| 29 | 226 | 5 | 274 | 1 | 315 | 15 | 339 | 26 | 351 | 35 | 359 | 45 |
| 30 | 227 | 42 | 275 | 34 | 316 | 21 | 339 | 58 | 351 | 54 | 360 | 0 |

Tabula Ascensionum Obliquarum

| ♁ | ♋ | | ♌ | | ♍ | | ♎ | | ♏ | | ♐ | |
|----|---|----|----|----|----|----|----|----|-----|----|-----|----|
| | ♁ | ♂ | ♁ | ♂ | ♁ | ♂ | ♁ | ♂ | ♁ | ♂ | ♁ | ♂ |
| 0 | 0 | 0 | 7 | 16 | 18 | 12 | 41 | 8 | 82 | 36 | 131 | 28 |
| 1 | 0 | 13 | 7 | 33 | 18 | 42 | 42 | 14 | 84 | 11 | 133 | 6 |
| 2 | 0 | 27 | 7 | 50 | 19 | 13 | 43 | 22 | 85 | 47 | 134 | 44 |
| 3 | 0 | 40 | 8 | 7 | 19 | 45 | 44 | 31 | 87 | 23 | 136 | 22 |
| 4 | 0 | 54 | 8 | 24 | 20 | 18 | 45 | 41 | 88 | 59 | 138 | 0 |
| 5 | 1 | 8 | 8 | 41 | 20 | 53 | 46 | 53 | 90 | 36 | 139 | 37 |
| 6 | 1 | 21 | 8 | 59 | 21 | 28 | 48 | 6 | 92 | 13 | 141 | 15 |
| 7 | 1 | 35 | 9 | 17 | 22 | 4 | 49 | 20 | 93 | 50 | 142 | 53 |
| 8 | 1 | 49 | 9 | 36 | 22 | 40 | 50 | 36 | 95 | 27 | 144 | 30 |
| 9 | 2 | 3 | 9 | 55 | 23 | 17 | 51 | 53 | 97 | 4 | 146 | 8 |
| 10 | 2 | 17 | 10 | 15 | 23 | 55 | 53 | 11 | 98 | 42 | 147 | 45 |
| 11 | 2 | 31 | 10 | 35 | 24 | 35 | 54 | 30 | 100 | 20 | 149 | 23 |
| 12 | 2 | 45 | 10 | 55 | 25 | 16 | 55 | 50 | 101 | 58 | 151 | 0 |
| 13 | 2 | 59 | 11 | 15 | 25 | 58 | 57 | 12 | 103 | 36 | 152 | 37 |
| 14 | 3 | 13 | 11 | 35 | 26 | 41 | 58 | 35 | 105 | 14 | 154 | 14 |
| 15 | 3 | 17 | 11 | 55 | 27 | 25 | 59 | 59 | 106 | 53 | 155 | 51 |
| 16 | 3 | 41 | 12 | 16 | 28 | 10 | 61 | 24 | 108 | 31 | 157 | 28 |
| 17 | 3 | 55 | 12 | 38 | 28 | 57 | 62 | 50 | 110 | 9 | 159 | 5 |
| 18 | 4 | 10 | 13 | 1 | 29 | 45 | 64 | 17 | 111 | 47 | 160 | 42 |
| 19 | 4 | 24 | 13 | 24 | 30 | 34 | 65 | 45 | 113 | 26 | 162 | 19 |
| 20 | 4 | 39 | 13 | 48 | 31 | 25 | 67 | 13 | 115 | 5 | 163 | 55 |
| 21 | 4 | 54 | 14 | 12 | 32 | 17 | 68 | 42 | 116 | 44 | 165 | 32 |
| 22 | 5 | 9 | 14 | 36 | 33 | 10 | 70 | 12 | 118 | 23 | 167 | 9 |
| 23 | 5 | 24 | 15 | 1 | 34 | 5 | 71 | 43 | 120 | 1 | 168 | 45 |
| 24 | 5 | 39 | 15 | 26 | 35 | 1 | 73 | 15 | 121 | 39 | 170 | 22 |
| 25 | 5 | 55 | 15 | 52 | 35 | 59 | 74 | 47 | 123 | 17 | 171 | 58 |
| 26 | 6 | 11 | 16 | 19 | 36 | 58 | 76 | 20 | 124 | 56 | 173 | 35 |
| 27 | 6 | 27 | 16 | 47 | 37 | 58 | 77 | 53 | 126 | 34 | 175 | 11 |
| 28 | 6 | 43 | 17 | 15 | 39 | 0 | 79 | 27 | 128 | 12 | 176 | 48 |
| 29 | 6 | 59 | 17 | 43 | 40 | 3 | 81 | 1 | 129 | 50 | 178 | 24 |
| 30 | 7 | 16 | 18 | 12 | 41 | 8 | 82 | 36 | 131 | 28 | 180 | 0 |

Ad latitudinem .60. Graduum.

| | ♈ | ♉ | ♊ | ♋ | ♌ | ♍ |
|----|--------|--------|--------|--------|--------|--------|
| ♁ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ |
| ♁ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ |
| 0 | 180 0 | 228 32 | 277 24 | 318 52 | 341 48 | 352 44 |
| 1 | 181 36 | 230 10 | 278 59 | 319 57 | 342 17 | 353 1 |
| 2 | 183 12 | 231 48 | 280 33 | 321 0 | 322 45 | 353 17 |
| 3 | 184 49 | 233 26 | 282 7 | 322 2 | 333 13 | 353 33 |
| 4 | 186 25 | 245 4 | 283 40 | 323 2 | 343 41 | 353 49 |
| 5 | 188 2 | 236 43 | 285 13 | 324 1 | 344 8 | 354 5 |
| 6 | 189 38 | 238 21 | 286 45 | 324 59 | 344 34 | 354 21 |
| 7 | 191 15 | 239 59 | 288 17 | 325 55 | 344 59 | 354 36 |
| 8 | 192 51 | 241 37 | 289 48 | 326 50 | 345 24 | 354 51 |
| 9 | 194 28 | 243 16 | 291 18 | 327 43 | 345 48 | 355 6 |
| 10 | 196 5 | 244 55 | 292 47 | 328 35 | 346 12 | 355 21 |
| 11 | 197 41 | 246 34 | 294 15 | 329 26 | 346 36 | 355 36 |
| 12 | 199 18 | 248 13 | 295 43 | 330 15 | 346 59 | 355 50 |
| 13 | 200 55 | 249 51 | 297 10 | 331 3 | 347 22 | 356 5 |
| 14 | 202 32 | 251 29 | 298 36 | 331 50 | 347 44 | 356 19 |
| 15 | 204 9 | 253 7 | 300 1 | 332 35 | 348 5 | 356 32 |
| 16 | 205 46 | 254 46 | 301 25 | 333 19 | 348 25 | 356 47 |
| 17 | 207 23 | 256 24 | 302 48 | 334 2 | 348 45 | 357 1 |
| 18 | 209 0 | 258 2 | 304 10 | 334 44 | 349 5 | 357 15 |
| 19 | 210 37 | 259 40 | 305 30 | 335 25 | 349 25 | 357 29 |
| 20 | 212 15 | 261 18 | 306 49 | 336 5 | 349 45 | 357 43 |
| 21 | 213 52 | 262 56 | 308 7 | 336 43 | 350 5 | 357 57 |
| 22 | 215 30 | 264 33 | 309 24 | 337 20 | 350 24 | 358 11 |
| 23 | 217 7 | 266 10 | 310 40 | 337 56 | 350 43 | 358 25 |
| 24 | 218 45 | 267 47 | 311 54 | 338 32 | 351 1 | 358 39 |
| 25 | 220 23 | 269 24 | 313 7 | 339 7 | 351 19 | 358 52 |
| 26 | 222 0 | 271 1 | 314 19 | 339 42 | 351 36 | 359 6 |
| 27 | 223 38 | 272 37 | 315 29 | 340 15 | 351 53 | 359 20 |
| 28 | 225 16 | 274 13 | 316 38 | 340 47 | 352 10 | 359 33 |
| 29 | 226 54 | 275 49 | 317 46 | 341 18 | 352 27 | 359 47 |
| 30 | 228 32 | 277 24 | 318 52 | 341 48 | 352 44 | 360 0 |

Tabula domoz Am Campani e Bazulum

| Ordnus | Decie | | Undecie | | Unde | | Duodecie | | Tercio | Decie | | Undecie | | Unde | | Duode | |
|---------|--------------|--------|----------------------------|------|--------------|----|-----------------|---------|--------|--------------|------|----------------------------|----|--------------|----|----------------------------|----|
| | Inter sticiu | | Numer ^o polaris | | Inter sticiu | | Numerus polaris | | | Inter sticiu | | Numer ^o polaris | | Inter sticiu | | Numer ^o polaris | |
| | D | m | D | m | D | m | D | m | | D | m | D | m | D | m | D | m |
| 0 | 30 | 0 | 0 | 30 | 0 | 0 | 0 | 31 | 26 | 19 | 14 | 55 | 29 | 43 | 26 | 29 | |
| 1 | 30 | 0 | 0 | 30 | 0 | 0 | 52 | 32 | 26 | 5 | 15 | 22 | 29 | 40 | 27 | 19 | |
| 2 | 29 | 59 | 1 | 0 | 30 | 0 | 1 | 44 | 33 | 25 | 50 | 15 | 48 | 29 | 37 | 28 | 9 |
| 3 | 29 | 58 | 1 | 30 | 30 | 0 | 2 | 36 | 34 | 25 | 35 | 16 | 14 | 29 | 33 | 28 | 58 |
| 4 | 29 | 56 | 2 | 0 | 30 | 0 | 3 | 28 | 35 | 25 | 19 | 16 | 40 | 29 | 30 | 29 | 47 |
| 5 | 29 | 54 | 2 | 30 | 30 | 0 | 4 | 20 | 36 | 24 | 3 | 17 | 5 | 29 | 26 | 30 | 36 |
| 6 | 29 | 51 | 3 | 0 | 30 | 0 | 5 | 12 | 37 | 24 | 46 | 17 | 31 | 29 | 22 | 31 | 25 |
| 7 | 29 | 48 | 3 | 30 | 30 | 0 | 6 | 4 | 38 | 24 | 29 | 17 | 56 | 29 | 17 | 32 | 14 |
| 8 | 29 | 45 | 3 | 59 | 30 | 0 | 6 | 55 | 39 | 24 | 11 | 18 | 20 | 29 | 12 | 33 | 2 |
| 9 | 29 | 41 | 4 | 29 | 30 | 0 | 7 | 47 | 40 | 23 | 53 | 18 | 45 | 29 | 6 | 33 | 50 |
| 10 | 29 | 37 | 4 | 59 | 30 | 0 | 8 | 39 | 41 | 23 | 34 | 19 | 9 | 29 | 0 | 34 | 38 |
| 11 | 29 | 32 | 5 | 28 | 30 | 0 | 9 | 31 | 42 | 23 | 14 | 19 | 33 | 28 | 54 | 35 | 25 |
| 12 | 29 | 27 | 5 | 58 | 30 | 0 | 10 | 22 | 43 | 22 | 54 | 19 | 56 | 28 | 47 | 36 | 12 |
| 13 | 29 | 21 | 6 | 28 | 30 | 0 | 11 | 14 | 44 | 22 | 34 | 20 | 19 | 28 | 39 | 36 | 59 |
| 14 | 29 | 15 | 6 | 57 | 30 | 0 | 12 | 6 | 45 | 22 | 13 | 20 | 42 | 28 | 32 | 37 | 46 |
| 15 | 29 | 9 | 7 | 26 | 29 | 59 | 12 | 58 | 46 | 21 | 51 | 21 | 5 | 28 | 24 | 38 | 32 |
| 16 | 29 | 2 | 7 | 55 | 29 | 59 | 13 | 49 | 47 | 21 | 29 | 21 | 27 | 28 | 15 | 39 | 18 |
| 17 | 28 | 55 | 8 | 24 | 29 | 58 | 14 | 41 | 48 | 21 | 7 | 21 | 49 | 28 | 5 | 40 | 4 |
| 18 | 28 | 47 | 8 | 53 | 29 | 58 | 15 | 32 | 49 | 20 | 44 | 22 | 10 | 27 | 55 | 40 | 49 |
| 19 | 28 | 38 | 9 | 22 | 29 | 58 | 16 | 23 | 50 | 20 | 21 | 22 | 31 | 27 | 43 | 41 | 34 |
| 20 | 28 | 29 | 9 | 51 | 29 | 57 | 17 | 14 | 51 | 19 | 58 | 22 | 52 | 27 | 30 | 42 | 18 |
| 21 | 28 | 19 | 10 | 19 | 29 | 57 | 18 | 5 | 52 | 19 | 34 | 23 | 12 | 27 | 16 | 43 | 2 |
| 22 | 28 | 9 | 10 | 48 | 29 | 57 | 18 | 56 | 53 | 19 | 10 | 23 | 32 | 27 | 1 | 43 | 45 |
| 23 | 27 | 59 | 11 | 16 | 29 | 56 | 19 | 47 | 54 | 18 | 45 | 23 | 52 | 26 | 46 | 44 | 28 |
| 24 | 27 | 48 | 11 | 44 | 29 | 55 | 20 | 37 | 55 | 18 | 20 | 24 | 11 | 26 | 29 | 45 | 11 |
| 25 | 27 | 37 | 12 | 12 | 29 | 54 | 21 | 28 | 56 | 17 | 54 | 24 | 29 | 26 | 11 | 45 | 53 |
| 26 | 27 | 25 | 12 | 40 | 29 | 53 | 22 | 18 | 57 | 17 | 28 | 24 | 48 | 25 | 52 | 46 | 35 |
| 27 | 27 | 13 | 13 | 7 | 29 | 51 | 23 | 9 | 58 | 17 | 1 | 25 | 5 | 25 | 32 | 47 | 16 |
| 28 | 27 | 0 | 13 | 35 | 29 | 49 | 23 | 59 | 59 | 16 | 33 | 25 | 23 | 25 | 11 | 47 | 56 |
| 29 | 26 | 47 | 14 | 2 | 29 | 47 | 24 | 49 | 60 | 16 | 5 | 25 | 40 | 24 | 48 | 48 | 36 |
| 30 | 26 | 33 | 14 | 29 | 29 | 45 | 25 | 39 | | | | | | | | | |
| Regiois | Tercie | Tercie | Scde | Scde | | | | Regiois | Tercie | Tercie | Scde | Scde | | | | | |

Tabula Homorum Rationalis

| Opusculi | Undecim Tercie Numerus | | Duodecim Secunde polaris | | Opusculi | Undecim Tercie Numerus | | Duodecim Secunde polaris | |
|----------|------------------------------|----|--------------------------------|----|----------|------------------------------|----|--------------------------------|----|
| | S | m | S | m | | S | m | S | m |
| 1 | 0 | 29 | 0 | 51 | 31 | 16 | 44 | 27 | 29 |
| 2 | 0 | 59 | 1 | 43 | 32 | 17 | 21 | 28 | 25 |
| 3 | 1 | 29 | 2 | 35 | 33 | 17 | 59 | 29 | 21 |
| 4 | 1 | 59 | 3 | 27 | 34 | 18 | 38 | 30 | 17 |
| 5 | 2 | 29 | 4 | 19 | 35 | 19 | 18 | 31 | 14 |
| 6 | 3 | 0 | 5 | 11 | 36 | 19 | 58 | 32 | 11 |
| 7 | 3 | 31 | 6 | 4 | 37 | 20 | 39 | 33 | 8 |
| 8 | 4 | 2 | 6 | 57 | 38 | 21 | 20 | 34 | 5 |
| 9 | 4 | 32 | 7 | 49 | 39 | 22 | 2 | 35 | 2 |
| 10 | 5 | 3 | 8 | 41 | 40 | 22 | 45 | 36 | 0 |
| 11 | 5 | 34 | 9 | 33 | 41 | 23 | 29 | 36 | 58 |
| 12 | 6 | 5 | 10 | 26 | 42 | 24 | 14 | 37 | 57 |
| 13 | 6 | 36 | 11 | 18 | 43 | 25 | 0 | 38 | 56 |
| 14 | 7 | 7 | 12 | 11 | 44 | 25 | 47 | 39 | 55 |
| 15 | 7 | 38 | 13 | 4 | 45 | 26 | 34 | 40 | 54 |
| 16 | 8 | 9 | 13 | 57 | 46 | 27 | 22 | 41 | 53 |
| 17 | 8 | 41 | 14 | 50 | 47 | 28 | 11 | 42 | 53 |
| 18 | 9 | 13 | 15 | 43 | 48 | 29 | 2 | 43 | 53 |
| 19 | 9 | 45 | 16 | 36 | 49 | 29 | 54 | 44 | 54 |
| 20 | 10 | 18 | 17 | 30 | 50 | 30 | 47 | 45 | 55 |
| 21 | 10 | 51 | 18 | 23 | 51 | 31 | 41 | 46 | 56 |
| 22 | 11 | 25 | 19 | 17 | 52 | 32 | 37 | 47 | 57 |
| 23 | 11 | 58 | 20 | 11 | 53 | 33 | 34 | 48 | 59 |
| 24 | 12 | 32 | 21 | 5 | 54 | 34 | 32 | 50 | 1 |
| 25 | 13 | 7 | 21 | 59 | 55 | 35 | 32 | 51 | 3 |
| 26 | 13 | 42 | 22 | 53 | 56 | 36 | 33 | 52 | 5 |
| 27 | 14 | 18 | 23 | 48 | 57 | 37 | 35 | 53 | 8 |
| 28 | 14 | 54 | 24 | 43 | 58 | 38 | 39 | 54 | 11 |
| 29 | 15 | 30 | 25 | 38 | 59 | 39 | 45 | 55 | 14 |
| 30 | 16 | 7 | 26 | 33 | 60 | 40 | 53 | 56 | 18 |
| Regios | None Quinte | | Octave Sexte | | Regios | None Quinte | | Octave Sexte | |

Tabula Positionum

| Elevatio | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|----------|------|------|------|------|------|-------|-------|
| B | B m | B m | B m | B m | B m | B m | B m |
| 32 | 1 44 | 3 28 | 5 13 | 6 57 | 8 43 | 10 28 | 12 14 |
| 31 | 1 43 | 3 25 | 5 8 | 6 51 | 8 36 | 10 19 | 12 4 |
| De cli | 30 | 1 42 | 3 22 | 5 4 | 6 46 | 8 29 | 10 11 |
| na | 29 | 1 40 | 3 20 | 5 0 | 6 40 | 8 22 | 10 2 |
| na | 28 | 1 39 | 3 17 | 4 56 | 6 35 | 8 15 | 9 54 |
| tio | 27 | 1 38 | 3 14 | 4 52 | 6 30 | 8 8 | 9 46 |
| Se | 26 | 1 36 | 3 12 | 4 48 | 6 24 | 8 2 | 9 38 |
| pten | 25 | 1 35 | 3 9 | 4 44 | 6 19 | 7 55 | 9 31 |
| trio | 24 | 1 34 | 3 6 | 4 40 | 6 14 | 7 46 | 9 23 |
| na | 23 | 1 32 | 3 4 | 4 37 | 6 9 | 7 42 | 9 15 |
| lis | 22 | 1 31 | 3 2 | 4 33 | 6 4 | 7 37 | 9 8 |
| su | 21 | 1 30 | 2 59 | 4 29 | 5 59 | 7 30 | 9 1 |
| pra | 20 | 1 29 | 2 57 | 4 26 | 5 54 | 7 24 | 8 54 |
| ter | 19 | 1 28 | 2 54 | 4 22 | 5 50 | 7 19 | 8 46 |
| tam | 18 | 1 26 | 2 52 | 4 19 | 5 45 | 7 13 | 8 39 |
| Et | 17 | 1 25 | 2 50 | 4 15 | 5 41 | 7 7 | 8 32 |
| De | 16 | 1 24 | 2 47 | 4 12 | 5 36 | 7 1 | 8 26 |
| ri | 15 | 1 23 | 2 45 | 4 8 | 5 31 | 6 56 | 8 19 |
| di | 14 | 1 22 | 2 43 | 4 5 | 5 27 | 6 50 | 8 12 |
| ana | 13 | 1 21 | 2 41 | 4 2 | 5 23 | 6 44 | 8 5 |
| sub | 12 | 1 20 | 2 38 | 3 58 | 5 18 | 6 39 | 7 59 |
| ter | 11 | 1 19 | 2 36 | 3 55 | 5 14 | 6 33 | 7 52 |
| ra | 10 | 1 18 | 2 34 | 3 52 | 5 9 | 6 28 | 7 46 |
| 8 | 1 16 | 2 32 | 3 49 | 5 5 | 6 23 | 7 39 | 8 57 |
| 7 | 1 15 | 2 30 | 3 45 | 5 1 | 6 17 | 7 33 | 8 49 |
| 6 | 1 14 | 2 28 | 3 42 | 4 57 | 6 12 | 7 26 | 8 42 |
| 5 | 1 13 | 2 26 | 3 39 | 4 52 | 6 7 | 7 20 | 8 34 |
| 4 | 1 12 | 2 23 | 3 36 | 4 48 | 6 1 | 7 14 | 8 27 |
| 3 | 1 11 | 2 21 | 3 33 | 4 44 | 5 56 | 7 7 | 8 20 |
| 2 | 1 10 | 2 19 | 3 29 | 4 40 | 5 51 | 7 1 | 8 12 |
| 1 | 1 9 | 2 17 | 3 26 | 4 35 | 5 45 | 6 55 | 8 5 |
| 0 | 1 8 | 2 15 | 3 23 | 4 31 | 5 40 | 6 48 | 7 57 |
| 0 | 1 7 | 2 13 | 3 20 | 4 27 | 5 35 | 6 42 | 7 50 |

obscurena
 eclin. pri.
 ite dist. nelle
 u.c. que n
 in corpore
 la m. m. m. m.
 educatur Ele
 tam
 Et
 De
 ri
 di
 ana
 sub
 ter
 ra

ajonera

Ad .42. Gradus Latitudinis

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

) AD I

Tabula Positionum

| Elevatio | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|----------|------|------|------|------|------|------|------|
| B | B m | B m | B m | B m | B m | B m | B m |
| 0 | 1 7 | 2 13 | 3 20 | 4 27 | 5 35 | 6 42 | 7 50 |
| 1 | 1 6 | 2 11 | 3 17 | 4 23 | 5 30 | 6 36 | 7 43 |
| De | 1 5 | 2 9 | 3 14 | 4 19 | 5 25 | 6 29 | 7 35 |
| cli | 1 4 | 2 7 | 3 11 | 4 14 | 5 19 | 6 23 | 7 28 |
| na | 1 3 | 2 5 | 3 7 | 4 10 | 5 14 | 6 17 | 7 20 |
| tio | 1 2 | 2 3 | 3 4 | 4 6 | 5 9 | 6 10 | 7 13 |
| De | 1 1 | 2 0 | 3 1 | 4 2 | 5 3 | 6 4 | 7 6 |
| ri | 1 0 | 1 58 | 2 58 | 3 57 | 4 58 | 5 58 | 6 58 |
| di | 0 59 | 1 55 | 2 55 | 3 53 | 4 53 | 5 51 | 6 51 |
| ana | 0 58 | 1 54 | 2 51 | 3 49 | 4 47 | 5 45 | 6 43 |
| su | 0 56 | 1 52 | 2 48 | 3 45 | 4 43 | 5 38 | 6 36 |
| pra | 0 55 | 1 50 | 2 45 | 3 40 | 4 37 | 5 32 | 6 28 |
| ter | 0 54 | 1 48 | 2 42 | 3 36 | 4 31 | 5 25 | 6 20 |
| ram | 0 53 | 1 45 | 2 38 | 3 31 | 4 26 | 5 19 | 6 13 |
| 14 | 0 52 | 1 43 | 2 35 | 3 27 | 4 20 | 5 12 | 6 5 |
| Et | 0 51 | 1 41 | 2 32 | 3 23 | 4 14 | 5 5 | 5 57 |
| Se | 0 50 | 1 39 | 2 28 | 3 18 | 4 9 | 4 58 | 5 49 |
| pten | 0 49 | 1 36 | 2 25 | 3 13 | 4 3 | 4 52 | 5 41 |
| trio | 0 48 | 1 34 | 2 21 | 3 9 | 3 57 | 4 45 | 5 33 |
| na | 0 46 | 1 32 | 2 18 | 3 4 | 3 51 | 4 38 | 5 25 |
| lis | 0 45 | 1 29 | 2 14 | 3 0 | 3 46 | 4 30 | 5 16 |
| sub | 0 44 | 1 27 | 2 11 | 2 55 | 3 40 | 4 23 | 5 8 |
| ter | 0 43 | 1 24 | 2 7 | 2 50 | 3 33 | 4 16 | 4 59 |
| ra | 0 42 | 1 22 | 2 3 | 2 45 | 3 27 | 4 9 | 4 51 |
| 24 | 0 40 | 1 20 | 2 0 | 2 40 | 3 21 | 4 1 | 4 42 |
| 25 | 0 39 | 1 17 | 1 56 | 2 35 | 3 15 | 3 53 | 4 33 |
| 26 | 0 38 | 1 14 | 1 52 | 2 30 | 3 8 | 3 46 | 4 24 |
| 27 | 0 36 | 1 12 | 1 48 | 2 24 | 3 2 | 3 38 | 4 15 |
| 28 | 0 35 | 1 9 | 1 44 | 2 19 | 2 55 | 3 30 | 4 5 |
| 29 | 0 34 | 1 6 | 1 40 | 2 14 | 2 48 | 3 22 | 3 56 |
| 30 | 0 32 | 1 4 | 1 36 | 2 8 | 2 41 | 3 13 | 3 46 |
| 31 | 0 31 | 1 1 | 1 32 | 2 3 | 2 34 | 3 5 | 3 36 |
| 32 | 0 30 | 0 58 | 1 27 | 1 57 | 2 27 | 2 56 | 3 26 |

Ad .42. Gradus Latitudinis

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

) 20 2

Residuum Tabule Positionum

| Elevatio | | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
|----------|-----|-------|-------|-------|-------|-------|-------|-------|
| S | S m | S m | S m | S m | S m | S m | S m | S m |
| | 32 | 26 57 | 28 53 | 30 52 | 32 52 | 34 54 | 37 0 | 39 7 |
| | 31 | 26 35 | 28 29 | 30 26 | 32 25 | 34 25 | 36 29 | 38 34 |
| De | 30 | 26 13 | 28 6 | 30 1 | 31 58 | 33 57 | 35 59 | 38 2 |
| cli | 29 | 25 51 | 27 43 | 29 36 | 31 32 | 33 29 | 35 29 | 37 31 |
| na | 28 | 25 30 | 27 20 | 29 12 | 31 6 | 33 2 | 35 0 | 37 1 |
| tio | 27 | 25 10 | 26 58 | 28 46 | 30 41 | 32 35 | 34 32 | 36 31 |
| Se | 26 | 24 50 | 26 36 | 28 26 | 30 16 | 32 9 | 34 5 | 36 1 |
| pten | 25 | 24 30 | 26 15 | 28 3 | 29 52 | 31 43 | 33 37 | 35 33 |
| trio | 24 | 24 10 | 25 54 | 27 40 | 29 28 | 31 18 | 33 0 | 35 4 |
| na | 23 | 23 51 | 25 33 | 27 18 | 29 5 | 30 53 | 32 44 | 34 36 |
| lis | 22 | 23 32 | 25 13 | 26 57 | 28 42 | 30 29 | 32 18 | 34 9 |
| su | 21 | 23 13 | 24 53 | 26 35 | 28 19 | 30 5 | 31 53 | 33 42 |
| pra | 20 | 22 55 | 24 33 | 26 14 | 27 56 | 29 41 | 31 28 | 33 16 |
| ter | 19 | 22 37 | 24 14 | 25 54 | 27 34 | 29 18 | 31 3 | 32 50 |
| ram | 18 | 22 19 | 23 55 | 25 33 | 27 13 | 28 54 | 30 38 | 32 24 |
| | 17 | 22 1 | 23 36 | 25 13 | 26 51 | 28 31 | 30 14 | 31 58 |
| Et | 16 | 21 43 | 23 17 | 24 53 | 26 30 | 28 9 | 29 50 | 31 33 |
| De | 15 | 21 26 | 22 58 | 24 33 | 26 9 | 27 47 | 29 27 | 31 8 |
| ri | 14 | 21 9 | 22 40 | 24 13 | 25 48 | 27 24 | 29 3 | 30 44 |
| di | 13 | 20 52 | 22 22 | 23 54 | 25 27 | 27 3 | 28 40 | 30 19 |
| ana | 12 | 20 35 | 22 4 | 23 35 | 25 7 | 26 41 | 28 17 | 29 55 |
| sub | 11 | 20 18 | 21 46 | 23 15 | 24 46 | 26 19 | 27 54 | 29 31 |
| ter | 10 | 20 1 | 21 28 | 22 56 | 24 26 | 25 58 | 27 32 | 29 7 |
| ra | 9 | 19 45 | 21 10 | 22 38 | 24 6 | 25 37 | 27 9 | 28 43 |
| | 8 | 19 28 | 20 53 | 22 19 | 23 46 | 25 15 | 26 47 | 28 20 |
| | 7 | 19 12 | 20 35 | 22 0 | 23 26 | 24 54 | 26 25 | 27 56 |
| | 6 | 18 56 | 20 18 | 21 41 | 23 6 | 24 33 | 26 3 | 27 33 |
| | 5 | 18 40 | 20 0 | 21 23 | 22 47 | 24 13 | 25 40 | 27 9 |
| | 4 | 18 23 | 19 43 | 21 5 | 22 27 | 23 52 | 25 18 | 26 64 |
| | 3 | 18 7 | 19 26 | 20 46 | 22 8 | 23 31 | 24 57 | 26 23 |
| | 2 | 17 51 | 19 8 | 20 28 | 21 48 | 23 10 | 24 35 | 26 0 |
| | 1 | 17 35 | 18 51 | 20 9 | 21 28 | 22 50 | 24 13 | 25 37 |
| | 0 | 17 19 | 18 34 | 19 51 | 21 9 | 22 29 | 23 51 | 25 14 |

Ad .42. Gradus Latitudinis

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

AD 3

Residuum Tabule Positionum

| Elevatio | 5 | | 16 | | 17 | | 18 | | 19 | | 20 | | 21 | | |
|----------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| D | B | m | B | m | B | m | B | m | B | m | B | m | B | m | |
| 0 | 17 | 19 | 18 | 34 | 19 | 51 | 21 | 9 | 22 | 29 | 23 | 51 | 25 | 14 | |
| 1 | 17 | 3 | 16 | 17 | 19 | 33 | 20 | 50 | 22 | 8 | 23 | 29 | 24 | 51 | |
| De | 2 | 16 | 47 | 18 | 0 | 19 | 14 | 20 | 30 | 21 | 48 | 23 | 7 | 24 | 28 |
| eli | 3 | 16 | 31 | 17 | 42 | 18 | 56 | 20 | 10 | 21 | 27 | 22 | 45 | 24 | 5 |
| na | 4 | 16 | 15 | 17 | 25 | 18 | 37 | 19 | 51 | 21 | 6 | 22 | 24 | 23 | 42 |
| no | 5 | 15 | 58 | 17 | 8 | 18 | 19 | 19 | 31 | 20 | 45 | 22 | 2 | 23 | 19 |
| De | 6 | 15 | 42 | 16 | 50 | 18 | 1 | 19 | 12 | 20 | 25 | 21 | 39 | 22 | 55 |
| ri | 7 | 15 | 26 | 16 | 33 | 17 | 42 | 18 | 52 | 20 | 4 | 21 | 17 | 22 | 32 |
| di | 8 | 15 | 10 | 16 | 15 | 17 | 23 | 18 | 32 | 19 | 43 | 20 | 55 | 22 | 8 |
| ana | 9 | 14 | 53 | 15 | 58 | 17 | 4 | 18 | 12 | 19 | 21 | 20 | 33 | 21 | 45 |
| su | 10 | 14 | 37 | 15 | 40 | 16 | 46 | 17 | 52 | 19 | 0 | 20 | 10 | 21 | 21 |
| pra | 11 | 14 | 20 | 15 | 22 | 16 | 27 | 17 | 32 | 18 | 39 | 19 | 48 | 20 | 57 |
| ter | 12 | 14 | 3 | 14 | 4 | 16 | 7 | 17 | 11 | 18 | 17 | 19 | 25 | 20 | 33 |
| ram | 13 | 13 | 46 | 14 | 46 | 15 | 48 | 16 | 51 | 17 | 55 | 19 | 2 | 20 | 9 |
| 14 | 13 | 29 | 14 | 28 | 15 | 29 | 16 | 30 | 17 | 34 | 18 | 39 | 19 | 44 | |
| Et | 15 | 13 | 12 | 14 | 10 | 15 | 9 | 16 | 9 | 17 | 11 | 18 | 15 | 19 | 20 |
| Se | 16 | 12 | 55 | 13 | 51 | 14 | 49 | 15 | 48 | 16 | 49 | 17 | 52 | 18 | 55 |
| pret | 17 | 12 | 37 | 13 | 32 | 14 | 29 | 15 | 27 | 16 | 27 | 17 | 28 | 18 | 30 |
| trio | 18 | 12 | 19 | 13 | 13 | 14 | 9 | 15 | 5 | 16 | 4 | 17 | 4 | 18 | 4 |
| na | 19 | 12 | 1 | 12 | 54 | 13 | 48 | 14 | 44 | 15 | 40 | 16 | 39 | 17 | 38 |
| lis | 20 | 11 | 43 | 12 | 35 | 13 | 28 | 14 | 22 | 15 | 17 | 16 | 14 | 17 | 12 |
| sub | 21 | 11 | 25 | 12 | 15 | 13 | 7 | 13 | 59 | 14 | 53 | 15 | 49 | 16 | 46 |
| ter | 22 | 11 | 6 | 11 | 55 | 12 | 45 | 13 | 36 | 14 | 29 | 15 | 24 | 16 | 15 |
| ra | 23 | 10 | 47 | 11 | 35 | 12 | 22 | 13 | 13 | 14 | 5 | 14 | 58 | 15 | 52 |
| 24 | 10 | 28 | 11 | 14 | 12 | 2 | 12 | 50 | 13 | 40 | 14 | 32 | 15 | 24 | |
| 25 | 10 | 8 | 10 | 53 | 11 | 39 | 12 | 26 | 13 | 15 | 14 | 5 | 14 | 55 | |
| 26 | 9 | 48 | 10 | 32 | 11 | 16 | 12 | 2 | 12 | 49 | 13 | 37 | 14 | 27 | |
| 27 | 9 | 28 | 10 | 10 | 10 | 53 | 11 | 37 | 12 | 23 | 13 | 10 | 13 | 57 | |
| 28 | 9 | 8 | 9 | 48 | 10 | 30 | 11 | 12 | 11 | 56 | 12 | 42 | 13 | 27 | |
| 29 | 8 | 47 | 9 | 25 | 10 | 6 | 10 | 46 | 11 | 29 | 12 | 13 | 12 | 57 | |
| 30 | 8 | 25 | 9 | 2 | 9 | 41 | 10 | 20 | 11 | 1 | 11 | 43 | 12 | 26 | |
| 31 | 8 | 3 | 8 | 39 | 9 | 16 | 9 | 53 | 10 | 33 | 11 | 13 | 11 | 54 | |
| 32 | 7 | 4 | 8 | 15 | 8 | 50 | 9 | 26 | 10 | 2 | 10 | 42 | 11 | 21 | |

Ad .42. Gradus Latitudinis

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

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Residuum Tabule Positionum

| Elevatio | 29 | 30 | 31 | 32 | 33 | 34 | 35 | |
|----------|-----|-------|-------|-------|-------|-------|-------|-------|
| | B m | B m | B m | B m | B m | B m | B m | |
| | 32 | 58 16 | 61 2 | 63 55 | 66 58 | 70 5 | 73 27 | 77 0 |
| | 31 | 57 27 | 60 11 | 63 2 | 66 0 | 69 7 | 72 26 | 75 56 |
| De | 30 | 56 40 | 59 21 | 62 10 | 65 6 | 68 10 | 71 26 | 74 54 |
| cli | 29 | 55 54 | 58 33 | 61 19 | 64 13 | 67 15 | 70 28 | 73 53 |
| na | 28 | 55 8 | 57 46 | 60 30 | 63 21 | 66 21 | 69 32 | 72 54 |
| tio | 27 | 54 24 | 56 59 | 59 42 | 62 31 | 65 28 | 68 37 | 71 57 |
| So | 26 | 53 41 | 56 14 | 58 54 | 61 42 | 64 37 | 67 43 | 71 1 |
| pten | 25 | 52 59 | 55 30 | 58 8 | 60 53 | 63 47 | 66 51 | 70 6 |
| trio | 24 | 52 17 | 54 47 | 57 23 | 60 6 | 62 57 | 66 0 | 69 13 |
| na | 23 | 51 37 | 54 4 | 56 39 | 59 20 | 62 9 | 65 9 | 68 20 |
| lis | 22 | 50 56 | 53 22 | 55 55 | 58 34 | 61 22 | 64 20 | 67 30 |
| fu | 21 | 50 17 | 52 41 | 55 12 | 57 50 | 60 35 | 63 31 | 66 39 |
| pra | 20 | 49 38 | 52 1 | 54 30 | 57 6 | 59 49 | 62 44 | 65 49 |
| ter | 19 | 49 0 | 51 21 | 53 48 | 56 22 | 59 4 | 61 57 | 65 0 |
| ram | 18 | 48 23 | 50 42 | 53 8 | 55 40 | 58 20 | 61 11 | 64 12 |
| | 17 | 47 45 | 50 3 | 52 27 | 54 58 | 57 36 | 60 25 | 63 25 |
| Et | 16 | 47 8 | 49 25 | 51 47 | 54 16 | 56 53 | 59 40 | 62 38 |
| De | 15 | 46 32 | 48 47 | 51 8 | 53 35 | 56 10 | 58 56 | 61 52 |
| ri | 14 | 45 56 | 48 10 | 50 29 | 52 55 | 55 28 | 58 12 | 61 6 |
| di | 13 | 45 21 | 47 33 | 49 50 | 52 15 | 54 46 | 57 29 | 60 21 |
| ana | 12 | 44 46 | 46 56 | 49 12 | 51 35 | 54 5 | 56 46 | 59 37 |
| sub | 11 | 44 11 | 46 20 | 48 34 | 50 56 | 53 24 | 56 3 | 58 52 |
| ter | 10 | 43 37 | 45 44 | 47 57 | 50 17 | 52 44 | 55 21 | 58 9 |
| ra | 9 | 43 2 | 45 8 | 47 20 | 49 38 | 52 3 | 54 36 | 57 25 |
| | 8 | 42 28 | 44 32 | 46 43 | 48 59 | 51 23 | 53 57 | 56 42 |
| | 7 | 41 55 | 43 57 | 46 6 | 48 11 | 50 33 | 53 16 | 55 59 |
| | 6 | 41 20 | 43 22 | 45 29 | 47 43 | 50 4 | 52 35 | 55 16 |
| | 5 | 40 47 | 42 47 | 44 53 | 47 5 | 49 24 | 51 54 | 54 34 |
| | 4 | 40 13 | 42 12 | 44 16 | 46 27 | 48 45 | 51 13 | 53 51 |
| | 3 | 39 40 | 41 37 | 43 40 | 45 50 | 48 7 | 50 35 | 53 6 |
| | 2 | 39 7 | 41 2 | 43 4 | 45 12 | 47 27 | 49 52 | 52 27 |
| | 1 | 38 33 | 40 28 | 42 28 | 44 34 | 46 48 | 49 11 | 51 45 |
| | 0 | 38 0 | 39 53 | 41 52 | 43 57 | 46 9 | 48 31 | 51 3 |

Tab. 42. Gradus Latitudinis

| | 36 | 37 | 38 | 39 | 40 | 41 | 42 | Poli |
|----|-------|-------|-------|-------|--------|--------|--------|------|
| D | D m | D m | D m | D m | D m | D m | D m | |
| 32 | 80 48 | 84 54 | 89 25 | 94 28 | 100 21 | 107 48 | 124 14 | |
| 31 | 79 41 | 83 44 | 88 12 | 93 11 | 99 1 | 106 23 | 122 45 | |
| 30 | 78 36 | 82 36 | 87 1 | 91 56 | 97 43 | 105 1 | 121 19 | |
| 29 | 77 33 | 81 30 | 85 52 | 90 44 | 96 27 | 103 42 | 119 57 | |
| 28 | 76 31 | 80 26 | 84 45 | 89 34 | 95 14 | 102 25 | 118 36 | |
| 27 | 75 32 | 79 24 | 83 40 | 88 26 | 94 3 | 101 11 | 117 18 | |
| 26 | 74 33 | 78 23 | 82 36 | 87 20 | 92 54 | 99 59 | 116 3 | |
| 25 | 73 36 | 77 23 | 81 33 | 86 15 | 91 46 | 98 49 | 114 50 | |
| 24 | 72 40 | 76 25 | 80 33 | 85 12 | 90 40 | 97 40 | 113 38 | |
| 23 | 71 46 | 75 28 | 79 34 | 84 10 | 89 36 | 96 33 | 112 28 | |
| 22 | 70 53 | 74 33 | 78 38 | 83 10 | 88 33 | 95 28 | 111 20 | |
| 21 | 70 0 | 73 38 | 77 39 | 82 11 | 87 31 | 94 24 | 110 13 | |
| 20 | 69 8 | 72 44 | 76 43 | 81 12 | 86 31 | 93 21 | 109 8 | |
| 19 | 68 17 | 71 51 | 75 48 | 80 15 | 85 32 | 92 19 | 108 4 | |
| 18 | 67 27 | 70 59 | 74 54 | 79 19 | 84 33 | 91 18 | 107 1 | |
| 17 | 66 38 | 70 8 | 74 1 | 78 24 | 83 36 | 90 19 | 105 59 | |
| 16 | 65 50 | 69 18 | 73 9 | 77 30 | 82 39 | 89 20 | 104 58 | |
| 15 | 65 2 | 68 28 | 72 17 | 76 36 | 81 44 | 88 22 | 103 58 | |
| 14 | 64 14 | 67 39 | 71 26 | 75 43 | 80 49 | 87 25 | 102 58 | |
| 13 | 63 27 | 66 50 | 70 36 | 74 50 | 79 54 | 86 29 | 102 0 | |
| 12 | 62 41 | 66 2 | 69 46 | 73 59 | 79 0 | 85 33 | 101 2 | |
| 11 | 61 55 | 65 14 | 68 56 | 73 7 | 78 7 | 84 38 | 100 5 | |
| 10 | 61 10 | 64 27 | 68 7 | 72 17 | 77 14 | 83 43 | 99 8 | |
| 9 | 60 24 | 63 40 | 67 18 | 71 26 | 76 22 | 82 49 | 98 12 | |
| 8 | 59 40 | 62 54 | 66 30 | 70 36 | 75 30 | 81 55 | 97 16 | |
| 7 | 58 55 | 62 8 | 65 42 | 69 46 | 74 39 | 81 2 | 96 21 | |
| 6 | 58 11 | 61 22 | 64 55 | 68 57 | 73 48 | 80 9 | 95 26 | |
| 5 | 57 27 | 60 36 | 64 7 | 68 8 | 72 57 | 79 16 | 94 31 | |
| 4 | 56 43 | 59 50 | 63 20 | 67 19 | 72 6 | 78 23 | 93 37 | |
| 3 | 55 59 | 59 5 | 62 33 | 66 30 | 71 15 | 77 31 | 92 42 | |
| 2 | 55 15 | 58 20 | 61 46 | 65 41 | 70 25 | 76 38 | 91 48 | |
| 1 | 54 52 | 57 34 | 60 59 | 64 53 | 69 34 | 75 46 | 90 54 | |
| 0 | 53 48 | 56 49 | 60 12 | 64 4 | 68 44 | 74 54 | 90 0 | |

Residuum Tabula Positionum

| Elemento | 29 | 30 | 31 | 32 | 33 | 34 | 35 |
|----------|-------|-------|-------|-------|-------|-------|-------|
| S | S m | S m | S m | S m | S m | S m | S m |
| 0 | 38 0 | 39 53 | 41 52 | 43 57 | 46 9 | 48 31 | 51 3 |
| 1 | 37 27 | 39 18 | 41 16 | 43 20 | 45 30 | 47 51 | 50 21 |
| De | 36 53 | 38 44 | 40 40 | 42 42 | 44 51 | 47 10 | 49 39 |
| cli | 36 20 | 38 9 | 40 4 | 42 4 | 44 12 | 46 29 | 48 57 |
| na | 35 47 | 37 34 | 39 28 | 41 27 | 43 33 | 45 49 | 48 15 |
| cio | 35 13 | 36 59 | 38 51 | 40 49 | 42 54 | 45 8 | 47 32 |
| De | 34 40 | 36 24 | 38 15 | 40 11 | 42 14 | 44 27 | 46 40 |
| ri | 34 5 | 35 46 | 37 38 | 39 43 | 41 35 | 43 46 | 46 7 |
| ci | 33 32 | 35 14 | 37 1 | 38 55 | 40 55 | 43 5 | 45 24 |
| ana | 32 58 | 34 38 | 36 24 | 38 16 | 40 15 | 42 23 | 44 41 |
| su | 32 23 | 34 2 | 35 47 | 37 37 | 39 34 | 41 41 | 43 57 |
| pra | 31 49 | 33 27 | 35 10 | 36 58 | 38 54 | 40 59 | 43 14 |
| ter | 31 14 | 32 50 | 34 32 | 36 19 | 38 13 | 40 16 | 42 29 |
| ram | 30 39 | 32 13 | 33 54 | 35 39 | 37 32 | 39 33 | 41 45 |
| 14 | 30 4 | 31 36 | 33 15 | 34 59 | 36 50 | 38 50 | 41 0 |
| Et | 29 28 | 30 59 | 32 36 | 34 19 | 36 8 | 38 6 | 40 14 |
| Se | 28 52 | 30 21 | 31 57 | 33 38 | 35 25 | 37 22 | 39 28 |
| pten | 28 15 | 29 43 | 31 17 | 32 56 | 34 42 | 36 37 | 38 41 |
| trio | 27 37 | 29 4 | 30 36 | 32 14 | 33 58 | 35 55 | 37 54 |
| na | 27 0 | 28 25 | 29 56 | 31 32 | 33 14 | 35 5 | 37 6 |
| lis | 26 22 | 27 45 | 29 14 | 30 48 | 32 29 | 34 18 | 36 17 |
| sub | 25 43 | 27 5 | 28 32 | 30 4 | 31 43 | 33 31 | 35 23 |
| ter | 25 4 | 26 24 | 27 49 | 29 20 | 30 56 | 32 42 | 34 36 |
| ra | 24 23 | 25 42 | 27 5 | 28 34 | 30 9 | 31 53 | 33 46 |
| 24 | 23 43 | 24 59 | 26 21 | 27 48 | 29 21 | 31 2 | 32 53 |
| 25 | 23 1 | 24 16 | 25 36 | 27 1 | 28 31 | 30 11 | 32 0 |
| 26 | 22 19 | 23 32 | 24 50 | 26 12 | 27 41 | 29 19 | 31 5 |
| 27 | 21 36 | 22 47 | 24 2 | 25 23 | 26 50 | 28 25 | 30 9 |
| 28 | 20 52 | 22 0 | 23 14 | 24 33 | 25 57 | 27 30 | 29 12 |
| 29 | 20 6 | 21 13 | 22 25 | 23 41 | 25 3 | 26 34 | 28 13 |
| 30 | 19 20 | 20 25 | 21 34 | 22 48 | 24 8 | 25 36 | 27 12 |
| 31 | 18 33 | 19 35 | 20 42 | 21 54 | 23 11 | 24 36 | 26 10 |
| 32 | 17 44 | 18 44 | 19 49 | 20 58 | 22 13 | 23 35 | 25 6 |

Ad .42. gradus Latitudinis

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

Tabula Positionum

| Elevatio | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|------------|------|------|------|------|------|------|-------|
| D | D m | D m | D m | D m | D m | D m | D m |
| 32 | 1 37 | 3 15 | 4 53 | 6 31 | 8 9 | 9 48 | 11 27 |
| 31 | 1 36 | 3 12 | 4 48 | 6 25 | 8 2 | 9 38 | 11 17 |
| De cli | 30 | 1 35 | 3 9 | 4 44 | 6 20 | 7 55 | 9 31 |
| na | 29 | 1 33 | 3 7 | 4 40 | 6 14 | 7 48 | 9 22 |
| tio | 28 | 1 32 | 3 4 | 4 36 | 6 9 | 7 41 | 9 14 |
| | 27 | 1 31 | 3 1 | 4 32 | 6 4 | 7 34 | 9 6 |
| Se pren | 26 | 1 29 | 2 59 | 4 28 | 5 58 | 7 28 | 8 58 |
| trio | 25 | 1 28 | 2 56 | 4 24 | 5 53 | 7 21 | 8 51 |
| na | 24 | 1 27 | 2 53 | 4 20 | 5 48 | 7 15 | 8 43 |
| na | 23 | 1 25 | 2 51 | 4 17 | 5 43 | 7 9 | 8 35 |
| lis | 22 | 1 24 | 2 49 | 4 13 | 5 38 | 7 3 | 8 28 |
| fu | 21 | 1 23 | 2 46 | 4 9 | 5 33 | 6 56 | 8 21 |
| pra | 20 | 1 22 | 2 44 | 4 6 | 5 28 | 6 50 | 8 14 |
| ter | 19 | 1 21 | 2 41 | 4 2 | 5 24 | 6 45 | 8 6 |
| ram | 18 | 1 19 | 2 39 | 3 59 | 5 19 | 6 39 | 7 59 |
| | 17 | 1 18 | 2 37 | 3 55 | 5 15 | 6 33 | 7 52 |
| Et | 16 | 1 17 | 2 34 | 3 52 | 5 10 | 6 27 | 7 46 |
| De | 15 | 1 16 | 2 32 | 3 48 | 5 5 | 6 22 | 7 39 |
| ri | 14 | 1 15 | 2 30 | 3 45 | 5 1 | 6 16 | 7 32 |
| di | 13 | 1 14 | 2 28 | 3 42 | 4 57 | 6 10 | 7 25 |
| ana | 12 | 1 13 | 2 25 | 3 38 | 4 52 | 6 5 | 7 19 |
| sub | 11 | 1 12 | 2 23 | 3 35 | 4 48 | 5 59 | 7 12 |
| ter | 10 | 1 11 | 2 21 | 3 32 | 4 43 | 5 54 | 7 6 |
| ra | 9 | 1 9 | 2 19 | 3 29 | 4 39 | 5 49 | 6 59 |
| | 8 | 1 8 | 2 17 | 3 25 | 4 35 | 5 43 | 6 53 |
| | 7 | 1 7 | 2 15 | 3 22 | 4 31 | 5 38 | 6 46 |
| | 6 | 1 6 | 2 13 | 3 19 | 4 26 | 5 32 | 6 40 |
| | 5 | 1 5 | 2 10 | 3 16 | 4 22 | 5 27 | 6 34 |
| | 4 | 1 4 | 2 8 | 3 13 | 4 18 | 5 22 | 6 27 |
| | 3 | 1 3 | 2 6 | 3 9 | 4 14 | 5 17 | 6 21 |
| | 2 | 1 2 | 2 4 | 3 6 | 4 9 | 5 11 | 6 15 |
| | 1 | 1 1 | 2 2 | 3 3 | 4 5 | 5 6 | 6 8 |
| | 0 | 1 0 | 2 0 | 3 0 | 4 1 | 5 1 | 6 2 |

Ad .45. Gradus Latitudinis

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

Tabula Positionum

| Elevatio | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|----------|------|------|------|------|------|------|------|
| B | B m | B m | B m | B m | B m | B m | B m |
| 0 | 1 0 | 2 0 | 3 0 | 4 1 | 5 1 | 6 2 | 7 3 |
| 1 | 0 59 | 1 58 | 2 57 | 3 57 | 4 56 | 5 56 | 6 56 |
| De | 2 | 1 56 | 2 54 | 3 53 | 4 51 | 5 49 | 6 48 |
| cli | 3 | 0 57 | 1 54 | 2 51 | 3 48 | 4 45 | 5 43 |
| na | 4 | 0 56 | 1 52 | 2 47 | 3 44 | 4 40 | 5 36 |
| cio | 5 | 0 55 | 1 50 | 2 44 | 3 40 | 4 35 | 5 30 |
| De | 6 | 0 54 | 1 47 | 2 41 | 3 36 | 4 29 | 5 24 |
| ri | 7 | 0 53 | 1 45 | 2 38 | 3 31 | 4 24 | 5 18 |
| di | 8 | 0 52 | 1 43 | 2 35 | 3 27 | 4 19 | 5 11 |
| ana | 9 | 0 51 | 1 41 | 2 31 | 3 23 | 4 13 | 5 5 |
| su | 10 | 0 49 | 1 39 | 2 28 | 3 19 | 4 8 | 4 58 |
| pra | 11 | 0 48 | 1 37 | 2 25 | 3 14 | 4 3 | 4 52 |
| ter | 12 | 0 47 | 1 35 | 2 22 | 3 10 | 3 57 | 4 45 |
| ram | 13 | 0 46 | 1 32 | 2 18 | 3 5 | 3 52 | 4 39 |
| 14 | 0 45 | 1 30 | 2 15 | 3 1 | 3 46 | 4 32 | 5 18 |
| Et | 15 | 0 44 | 1 28 | 2 12 | 2 57 | 3 40 | 4 25 |
| Se | 16 | 0 43 | 1 26 | 2 8 | 2 52 | 3 35 | 4 18 |
| pren | 17 | 0 42 | 1 23 | 2 5 | 2 47 | 3 29 | 4 12 |
| trio | 18 | 0 41 | 1 21 | 2 1 | 2 43 | 3 23 | 4 5 |
| na | 19 | 0 39 | 1 19 | 1 58 | 2 38 | 3 17 | 3 58 |
| lis | 20 | 0 38 | 1 16 | 1 54 | 2 34 | 3 12 | 3 50 |
| sub | 21 | 0 37 | 1 14 | 1 51 | 2 29 | 3 6 | 3 43 |
| ter | 22 | 0 36 | 1 11 | 1 47 | 2 24 | 2 59 | 3 36 |
| ra | 23 | 0 35 | 1 9 | 1 43 | 2 19 | 2 53 | 3 28 |
| 24 | 0 33 | 1 7 | 1 40 | 2 14 | 2 47 | 3 21 | 3 55 |
| 25 | 0 32 | 1 4 | 1 36 | 2 9 | 2 41 | 3 13 | 3 46 |
| 26 | 0 31 | 1 1 | 1 32 | 2 4 | 2 34 | 3 6 | 3 37 |
| 27 | 0 29 | 0 59 | 1 28 | 1 58 | 2 28 | 2 58 | 3 28 |
| 28 | 0 28 | 0 56 | 1 24 | 1 53 | 2 21 | 2 50 | 3 18 |
| 29 | 0 27 | 0 53 | 1 20 | 1 48 | 2 14 | 2 42 | 3 9 |
| 30 | 0 25 | 0 51 | 1 16 | 1 42 | 2 7 | 2 33 | 2 59 |
| 31 | 0 24 | 0 48 | 1 12 | 1 37 | 2 0 | 2 25 | 2 49 |
| 32 | 0 23 | 0 45 | 1 7 | 1 31 | 1 53 | 2 16 | 2 39 |

Ad .45. gradus Latitudinis

| | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 poli |
|----|------|------|------|-------|-------|-------|-------|---------|
| B | B m | B m | B m | B m | B m | B m | B m | B m |
| 0 | 8 5 | 9 7 | 10 9 | 11 13 | 12 16 | 13 21 | 14 26 | 15 32 |
| 1 | 7 57 | 9 58 | 9 58 | 11 1 | 12 3 | 13 7 | 14 11 | 15 16 |
| 2 | 7 48 | 8 48 | 9 48 | 10 50 | 11 51 | 12 53 | 13 56 | 15 0 |
| 3 | 7 40 | 8 38 | 9 37 | 10 38 | 11 38 | 12 39 | 13 41 | 14 44 |
| 4 | 7 31 | 8 29 | 9 27 | 10 26 | 11 25 | 12 25 | 13 26 | 14 28 |
| 5 | 7 23 | 8 19 | 9 16 | 10 15 | 11 12 | 12 12 | 13 11 | 14 11 |
| 6 | 7 14 | 8 10 | 9 5 | 10 3 | 10 59 | 11 58 | 12 56 | 13 55 |
| 7 | 7 6 | 8 0 | 8 55 | 9 51 | 10 46 | 11 44 | 12 41 | 13 39 |
| 8 | 6 57 | 7 51 | 8 44 | 9 39 | 10 33 | 11 29 | 12 26 | 13 23 |
| 9 | 6 49 | 7 41 | 8 33 | 9 27 | 10 20 | 11 15 | 12 10 | 13 6 |
| 10 | 6 40 | 7 31 | 8 22 | 9 15 | 10 7 | 11 1 | 11 55 | 12 50 |
| 11 | 6 31 | 7 21 | 8 11 | 9 3 | 9 54 | 10 47 | 11 39 | 12 33 |
| 12 | 6 22 | 7 11 | 8 0 | 8 51 | 9 41 | 10 32 | 11 24 | 12 16 |
| 13 | 6 13 | 7 1 | 7 49 | 8 39 | 9 27 | 10 19 | 11 8 | 11 59 |
| 14 | 6 5 | 6 51 | 7 38 | 8 26 | 9 14 | 10 3 | 10 52 | 11 42 |
| 15 | 5 55 | 6 41 | 7 27 | 8 14 | 9 0 | 9 48 | 10 36 | 11 25 |
| 16 | 5 46 | 6 31 | 7 15 | 8 1 | 8 46 | 9 33 | 10 20 | 11 8 |
| 17 | 5 37 | 6 20 | 7 4 | 7 49 | 8 32 | 9 18 | 10 4 | 10 50 |
| 18 | 5 28 | 6 10 | 7 52 | 7 36 | 8 18 | 9 3 | 9 47 | 10 32 |
| 19 | 5 19 | 5 59 | 6 40 | 7 23 | 8 4 | 8 47 | 9 31 | 10 14 |
| 20 | 5 9 | 5 49 | 6 28 | 7 10 | 7 50 | 8 32 | 9 14 | 9 56 |
| 21 | 4 59 | 5 38 | 6 16 | 6 56 | 7 35 | 8 16 | 8 56 | 9 38 |
| 22 | 4 50 | 5 27 | 6 01 | 6 43 | 7 20 | 8 0 | 8 39 | 9 19 |
| 23 | 4 40 | 5 16 | 5 4 | 6 29 | 7 5 | 7 44 | 8 21 | 9 0 |
| 24 | 4 30 | 5 4 | 5 39 | 6 15 | 6 50 | 7 27 | 8 4 | 8 41 |
| 25 | 4 20 | 4 53 | 5 26 | 6 1 | 6 35 | 7 10 | 7 45 | 8 21 |
| 26 | 4 9 | 4 41 | 5 13 | 5 47 | 6 19 | 6 53 | 7 27 | 8 1 |
| 27 | 3 59 | 4 29 | 5 0 | 5 32 | 6 3 | 6 36 | 7 8 | 7 41 |
| 28 | 3 48 | 4 17 | 4 46 | 5 17 | 5 47 | 6 18 | 6 49 | 7 21 |
| 29 | 3 37 | 4 5 | 4 32 | 5 2 | 5 30 | 6 0 | 6 29 | 7 0 |
| 30 | 3 26 | 3 52 | 4 18 | 4 46 | 5 13 | 5 41 | 6 9 | 6 38 |
| 31 | 3 14 | 3 39 | 4 4 | 4 31 | 4 56 | 5 23 | 5 49 | 6 16 |
| 32 | 3 3 | 3 26 | 3 49 | 4 14 | 4 38 | 5 3 | 5 28 | 5 54 |

Residuum Tabule Positionum

| Elevatio | 16 | 17 | 18 | 19 | 20 | 21 | 22 |
|------------|-------|-------|-------|-------|-------|-------|-------|
| S | S m | S m | S m | S m | S m | S m | S m |
| 32 | 26 59 | 28 49 | 30 41 | 32 33 | 34 30 | 36 27 | 38 27 |
| 31 | 26 35 | 28 23 | 30 14 | 32 4 | 33 59 | 35 54 | 37 53 |
| De cli | 26 12 | 27 58 | 29 47 | 31 36 | 33 29 | 35 22 | 37 19 |
| 29 | 25 49 | 27 33 | 29 21 | 31 8 | 32 59 | 34 51 | 36 46 |
| na tio | 25 26 | 27 9 | 28 55 | 30 41 | 32 30 | 34 21 | 36 14 |
| 27 | 25 4 | 26 46 | 28 30 | 30 14 | 32 2 | 33 51 | 35 43 |
| Se pten | 24 42 | 26 23 | 28 5 | 29 48 | 31 35 | 33 21 | 35 12 |
| 25 | 24 21 | 26 0 | 27 41 | 29 22 | 31 7 | 32 53 | 34 42 |
| trio na | 24 0 | 25 37 | 27 17 | 28 57 | 30 40 | 32 24 | 34 12 |
| 23 | 23 39 | 25 15 | 26 54 | 28 32 | 30 14 | 31 56 | 33 43 |
| lis su | 23 19 | 24 54 | 26 31 | 28 8 | 29 48 | 31 29 | 33 14 |
| 21 | 22 59 | 24 32 | 26 8 | 27 44 | 29 23 | 31 2 | 32 45 |
| pra ter | 22 39 | 24 11 | 25 45 | 27 20 | 28 58 | 30 36 | 32 17 |
| 19 | 22 20 | 23 52 | 25 23 | 26 57 | 28 33 | 30 10 | 31 50 |
| ram | 22 1 | 23 30 | 25 2 | 26 32 | 28 8 | 29 44 | 31 23 |
| 17 | 21 42 | 23 10 | 24 40 | 26 10 | 27 44 | 29 18 | 30 56 |
| Et De | 21 23 | 22 50 | 24 19 | 25 48 | 27 20 | 28 53 | 30 29 |
| 15 | 21 4 | 22 30 | 23 58 | 25 26 | 26 57 | 28 28 | 30 3 |
| ri di | 20 46 | 22 10 | 23 37 | 25 3 | 26 33 | 28 4 | 29 37 |
| 13 | 20 28 | 21 51 | 23 16 | 24 42 | 26 10 | 27 39 | 29 11 |
| ana sub | 20 10 | 21 32 | 22 56 | 24 20 | 25 47 | 27 15 | 28 46 |
| 11 | 19 52 | 21 12 | 22 35 | 23 58 | 25 24 | 26 51 | 28 20 |
| ter ra | 19 34 | 20 53 | 22 15 | 23 37 | 25 2 | 26 27 | 27 55 |
| 9 | 19 16 | 20 35 | 21 55 | 23 16 | 24 39 | 26 3 | 27 30 |
| 8 | 18 59 | 20 16 | 21 35 | 22 54 | 24 17 | 25 40 | 27 5 |
| 7 | 18 41 | 19 57 | 21 15 | 22 33 | 23 55 | 25 16 | 26 41 |
| 6 | 18 24 | 19 38 | 20 55 | 22 12 | 23 33 | 24 53 | 26 16 |
| 5 | 18 6 | 19 20 | 20 38 | 21 52 | 23 10 | 24 26 | 25 52 |
| 4 | 17 49 | 19 2 | 20 16 | 21 31 | 22 38 | 24 6 | 25 27 |
| 3 | 17 32 | 18 43 | 19 57 | 21 10 | 22 27 | 23 43 | 25 3 |
| 2 | 17 14 | 18 25 | 19 37 | 20 49 | 22 5 | 23 20 | 24 39 |
| 1 | 16 57 | 18 6 | 19 17 | 20 29 | 21 43 | 22 57 | 24 14 |
| 0 | 16 40 | 17 48 | 18 58 | 20 8 | 21 21 | 22 34 | 23 50 |

Ad .45. Gradus Latitudinis

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

) 11 1

Residuum Tabule Positionum

| Elevatio | 16 | 17 | 18 | 19 | 20 | 21 | 22 |
|----------|-------|-------|-------|-------|-------|-------|-------|
| S | S m̄ | S m̄ | S m̄ | S m̄ | S m̄ | S m̄ | S m̄ |
| 0 | 16 40 | 17 48 | 18 58 | 20 8 | 21 21 | 22 34 | 23 50 |
| 1 | 16 23 | 17 30 | 18 39 | 19 47 | 20 59 | 22 11 | 23 26 |
| De | 2 | 16 6 | 17 11 | 18 19 | 19 27 | 20 37 | 21 48 |
| cli | 3 | 15 48 | 16 53 | 17 59 | 19 6 | 20 15 | 21 25 |
| na | 4 | 15 31 | 16 34 | 17 40 | 18 45 | 19 54 | 21 2 |
| tio | 5 | 15 14 | 16 16 | 17 20 | 18 24 | 19 32 | 20 39 |
| De | 6 | 14 56 | 15 58 | 17 1 | 18 4 | 19 9 | 20 15 |
| ri | 7 | 14 39 | 15 39 | 16 41 | 17 43 | 18 47 | 19 52 |
| di | 8 | 14 21 | 15 20 | 16 21 | 17 22 | 18 25 | 19 28 |
| ana | 9 | 14 4 | 15 1 | 16 1 | 17 0 | 18 3 | 19 5 |
| su | 10 | 13 46 | 14 43 | 15 41 | 16 39 | 17 40 | 18 44 |
| pra | 11 | 13 28 | 14 24 | 15 21 | 16 18 | 17 18 | 18 17 |
| ter | 12 | 13 10 | 14 4 | 15 0 | 15 56 | 16 55 | 17 53 |
| ram | 13 | 12 52 | 13 45 | 14 40 | 15 34 | 16 32 | 17 29 |
| | 14 | 12 36 | 13 26 | 14 19 | 15 13 | 16 9 | 17 4 |
| Et | 15 | 12 16 | 13 6 | 13 58 | 14 50 | 15 45 | 16 40 |
| Se | 16 | 11 57 | 12 46 | 13 37 | 14 28 | 15 22 | 16 15 |
| pten | 17 | 11 38 | 12 24 | 13 16 | 14 6 | 14 58 | 15 50 |
| trio | 18 | 11 19 | 12 6 | 12 54 | 13 43 | 14 34 | 15 24 |
| na | 19 | 11 0 | 11 45 | 12 33 | 13 19 | 14 9 | 14 58 |
| lis | 20 | 10 41 | 11 25 | 12 11 | 12 56 | 13 44 | 14 32 |
| sub | 21 | 10 21 | 11 4 | 11 48 | 12 32 | 13 19 | 14 6 |
| ter | 22 | 10 1 | 10 42 | 11 25 | 12 8 | 12 54 | 13 39 |
| ra | 23 | 9 41 | 10 21 | 11 2 | 11 44 | 12 28 | 13 12 |
| | 24 | 9 20 | 9 59 | 10 39 | 11 19 | 12 2 | 12 44 |
| | 25 | 8 59 | 9 36 | 10 15 | 10 54 | 11 35 | 12 15 |
| | 26 | 8 36 | 9 13 | 9 51 | 10 28 | 11 7 | 11 47 |
| | 27 | 8 16 | 8 50 | 9 26 | 10 2 | 10 40 | 11 17 |
| | 28 | 7 54 | 8 27 | 9 1 | 9 35 | 10 12 | 10 47 |
| | 29 | 7 31 | 8 3 | 8 35 | 9 8 | 9 43 | 10 17 |
| | 30 | 7 8 | 7 38 | 8 9 | 8 40 | 9 13 | 9 46 |
| | 31 | 6 45 | 7 13 | 7 42 | 8 12 | 8 43 | 9 14 |
| | 32 | 6 21 | 6 47 | 7 15 | 7 43 | 8 13 | 8 41 |

Ad .45. Gradus Latitudinis

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

Residuum Tabule Positionum

| Elevatio | | 31 | 32 | 33 | 34 | 35 | 36 | 37 |
|----------|----|-------|-------|-------|-------|-------|-------|-------|
| B | | B m | B m | B m | B m | B m | B m | B m |
| | 32 | 58 59 | 61 39 | 64 26 | 67 21 | 70 24 | 73 36 | 76 59 |
| | 31 | 58 6 | 60 43 | 63 28 | 66 20 | 69 20 | 72 24 | 75 49 |
| De | 30 | 57 14 | 59 49 | 62 31 | 65 20 | 68 18 | 71 24 | 74 41 |
| cli | 29 | 56 23 | 58 56 | 61 36 | 64 22 | 67 17 | 70 21 | 73 35 |
| na | 28 | 55 34 | 58 4 | 60 42 | 63 26 | 66 18 | 69 19 | 72 31 |
| tio | 27 | 54 46 | 57 14 | 59 49 | 62 31 | 65 21 | 68 20 | 71 29 |
| Se | 26 | 53 58 | 56 26 | 58 58 | 61 37 | 64 25 | 67 21 | 70 28 |
| pten | 25 | 53 12 | 55 36 | 58 8 | 60 45 | 63 30 | 66 24 | 69 28 |
| rio | 24 | 52 27 | 54 49 | 57 18 | 59 54 | 62 37 | 65 28 | 68 30 |
| na | 23 | 51 43 | 54 3 | 56 30 | 59 3 | 61 44 | 64 34 | 67 33 |
| lis | 22 | 50 59 | 53 17 | 55 43 | 58 14 | 60 54 | 63 41 | 66 38 |
| su | 21 | 50 16 | 52 33 | 54 56 | 57 25 | 60 3 | 62 48 | 65 43 |
| pra | 20 | 49 34 | 51 49 | 53 10 | 56 58 | 59 13 | 61 56 | 64 49 |
| ter | 19 | 48 52 | 51 5 | 53 25 | 55 51 | 58 24 | 61 5 | 63 56 |
| ram | 18 | 48 12 | 50 23 | 52 41 | 55 5 | 57 36 | 60 15 | 63 4 |
| | 17 | 47 31 | 49 41 | 51 57 | 54 19 | 56 49 | 59 26 | 62 13 |
| Et | 16 | 46 51 | 48 59 | 51 14 | 53 34 | 56 2 | 58 38 | 61 23 |
| De | 15 | 46 12 | 48 18 | 50 31 | 52 50 | 55 16 | 57 50 | 60 33 |
| ri | 14 | 45 33 | 47 38 | 49 49 | 52 6 | 54 30 | 57 2 | 59 44 |
| di | 13 | 44 54 | 46 58 | 49 7 | 51 23 | 53 45 | 56 15 | 58 55 |
| ana | 12 | 44 16 | 46 18 | 48 26 | 50 40 | 53 1 | 55 29 | 58 7 |
| sub | 11 | 43 38 | 45 39 | 47 45 | 49 57 | 52 16 | 54 43 | 57 19 |
| ter | 10 | 43 1 | 45 0 | 47 5 | 49 15 | 51 33 | 53 58 | 56 32 |
| ra | 9 | 42 24 | 44 21 | 46 24 | 48 33 | 50 49 | 53 12 | 55 45 |
| | 8 | 41 47 | 43 42 | 45 44 | 47 55 | 50 6 | 52 28 | 54 59 |
| | 7 | 41 10 | 43 4 | 45 4 | 47 10 | 49 23 | 51 43 | 54 13 |
| | 6 | 40 33 | 42 26 | 44 25 | 46 29 | 48 40 | 50 59 | 53 27 |
| | 5 | 39 57 | 41 48 | 43 45 | 45 48 | 47 58 | 50 15 | 52 41 |
| | 4 | 39 20 | 41 10 | 43 6 | 45 7 | 47 15 | 49 31 | 51 55 |
| | 3 | 38 44 | 40 33 | 42 27 | 44 27 | 46 33 | 48 47 | 51 10 |
| | 2 | 38 8 | 39 55 | 41 48 | 43 46 | 45 51 | 48 3 | 50 25 |
| | 1 | 37 32 | 39 17 | 41 9 | 43 5 | 45 9 | 47 20 | 49 39 |
| | 0 | 36 56 | 38 40 | 40 30 | 42 25 | 44 27 | 46 36 | 48 54 |

Ad .45. Gradus Latitudinis

| | 38 | | 39 | | 40 | | 41 | | 42 | | 43 | | 44 | | 45 poli | |
|----|----|----|----|----|----|----|----|----|----|----|-----|----|-----|----|---------|----|
| B | B | m | B | m | B | m | B | m | B | m | B | m | B | m | B | m |
| 32 | 80 | 36 | 84 | 28 | 88 | 40 | 93 | 17 | 98 | 27 | 104 | 28 | 112 | 4 | 128 | 40 |
| 31 | 79 | 23 | 83 | 11 | 87 | 20 | 91 | 52 | 96 | 58 | 102 | 55 | 110 | 25 | 126 | 56 |
| 30 | 78 | 12 | 81 | 56 | 86 | 2 | 90 | 30 | 95 | 32 | 101 | 25 | 108 | 50 | 125 | 16 |
| 29 | 77 | 3 | 80 | 44 | 84 | 46 | 89 | 11 | 94 | 10 | 100 | 58 | 107 | 19 | 123 | 40 |
| 28 | 75 | 56 | 79 | 34 | 83 | 33 | 87 | 54 | 92 | 49 | 98 | 34 | 105 | 51 | 122 | 7 |
| 27 | 74 | 51 | 78 | 26 | 82 | 22 | 86 | 40 | 91 | 31 | 97 | 12 | 104 | 26 | 120 | 38 |
| 26 | 73 | 47 | 77 | 20 | 81 | 13 | 85 | 28 | 90 | 16 | 96 | 53 | 103 | 3 | 119 | 11 |
| 25 | 72 | 44 | 76 | 15 | 80 | 5 | 84 | 18 | 89 | 3 | 94 | 37 | 101 | 43 | 117 | 48 |
| 24 | 71 | 44 | 75 | 12 | 78 | 59 | 83 | 9 | 87 | 51 | 93 | 22 | 100 | 25 | 116 | 26 |
| 23 | 70 | 45 | 74 | 10 | 77 | 55 | 82 | 2 | 86 | 41 | 92 | 9 | 99 | 9 | 115 | 7 |
| 22 | 69 | 47 | 73 | 10 | 76 | 52 | 80 | 57 | 85 | 33 | 90 | 58 | 97 | 55 | 113 | 50 |
| 21 | 68 | 50 | 72 | 11 | 75 | 50 | 79 | 53 | 84 | 26 | 89 | 49 | 96 | 43 | 112 | 37 |
| 20 | 67 | 54 | 71 | 12 | 74 | 50 | 78 | 50 | 83 | 17 | 88 | 40 | 95 | 32 | 111 | 21 |
| 19 | 66 | 59 | 70 | 15 | 73 | 51 | 77 | 48 | 82 | 17 | 87 | 34 | 94 | 22 | 110 | 9 |
| 18 | 66 | 5 | 69 | 19 | 72 | 52 | 76 | 47 | 81 | 14 | 86 | 29 | 93 | 14 | 108 | 58 |
| 17 | 65 | 12 | 68 | 24 | 71 | 55 | 75 | 48 | 80 | 12 | 85 | 24 | 92 | 7 | 117 | 48 |
| 16 | 64 | 20 | 67 | 30 | 70 | 58 | 74 | 49 | 79 | 11 | 84 | 21 | 91 | 2 | 106 | 40 |
| 15 | 63 | 28 | 66 | 36 | 70 | 3 | 73 | 51 | 78 | 11 | 83 | 18 | 89 | 57 | 105 | 32 |
| 14 | 62 | 37 | 65 | 43 | 69 | 8 | 72 | 54 | 77 | 11 | 82 | 17 | 88 | 53 | 104 | 26 |
| 13 | 61 | 47 | 64 | 50 | 68 | 13 | 71 | 58 | 76 | 13 | 81 | 16 | 87 | 50 | 103 | 21 |
| 12 | 60 | 57 | 63 | 59 | 67 | 19 | 71 | 2 | 75 | 15 | 80 | 16 | 86 | 48 | 102 | 16 |
| 11 | 60 | 7 | 63 | 7 | 66 | 26 | 70 | 7 | 74 | 18 | 79 | 17 | 85 | 46 | 101 | 13 |
| 10 | 59 | 18 | 62 | 17 | 65 | 33 | 69 | 12 | 73 | 21 | 78 | 28 | 84 | 45 | 100 | 9 |
| 9 | 58 | 29 | 61 | 26 | 64 | 41 | 68 | 18 | 72 | 25 | 77 | 20 | 83 | 45 | 99 | 7 |
| 8 | 57 | 41 | 60 | 36 | 63 | 49 | 67 | 24 | 71 | 29 | 76 | 22 | 82 | 45 | 98 | 5 |
| 7 | 56 | 53 | 59 | 46 | 62 | 58 | 66 | 31 | 70 | 34 | 75 | 24 | 81 | 46 | 97 | 3 |
| 6 | 56 | 6 | 58 | 57 | 62 | 7 | 65 | 38 | 69 | 39 | 74 | 27 | 80 | 42 | 96 | 2 |
| 5 | 55 | 18 | 58 | 8 | 61 | 16 | 64 | 45 | 68 | 44 | 73 | 31 | 79 | 48 | 95 | 1 |
| 4 | 54 | 31 | 57 | 19 | 60 | 25 | 63 | 52 | 67 | 50 | 72 | 34 | 78 | 49 | 94 | 1 |
| 3 | 53 | 44 | 56 | 30 | 59 | 34 | 63 | 0 | 66 | 55 | 71 | 38 | 77 | 51 | 93 | 0 |
| 2 | 52 | 57 | 55 | 41 | 58 | 44 | 62 | 7 | 65 | 51 | 70 | 42 | 76 | 53 | 92 | 0 |
| 1 | 52 | 10 | 54 | 53 | 57 | 53 | 61 | 15 | 65 | 7 | 69 | 46 | 75 | 55 | 91 | 0 |
| 0 | 51 | 23 | 54 | 4 | 57 | 3 | 60 | 23 | 64 | 13 | 68 | 50 | 74 | 57 | 90 | 0 |

Residuum Tabule Positionum

| Elevatio | | 31 | | 32 | | 33 | | 34 | | 35 | | 36 | | 37 | |
|----------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| D | m | D | m | D | m | D | m | D | m | D | m | D | m | D | m |
| 0 | | 36 | 56 | 38 | 40 | 40 | 30 | 42 | 25 | 44 | 27 | 46 | 36 | 48 | 54 |
| 1 | | 36 | 20 | 38 | 3 | 39 | 51 | 41 | 45 | 43 | 45 | 45 | 52 | 48 | 9 |
| De | 2 | 35 | 44 | 37 | 25 | 39 | 12 | 41 | 4 | 43 | 3 | 45 | 9 | 47 | 23 |
| cli | 3 | 35 | 8 | 36 | 47 | 38 | 33 | 40 | 23 | 42 | 21 | 44 | 25 | 46 | 38 |
| na | 4 | 34 | 32 | 36 | 10 | 37 | 54 | 39 | 43 | 41 | 39 | 43 | 41 | 45 | 53 |
| tio | 5 | 33 | 55 | 35 | 32 | 37 | 15 | 39 | 2 | 40 | 56 | 42 | 57 | 45 | 7 |
| De | 6 | 33 | 19 | 34 | 54 | 36 | 35 | 38 | 21 | 40 | 14 | 42 | 13 | 44 | 21 |
| ri | 7 | 32 | 42 | 34 | 16 | 35 | 56 | 37 | 40 | 39 | 31 | 41 | 29 | 43 | 35 |
| di | 8 | 32 | 5 | 33 | 38 | 35 | 16 | 36 | 59 | 38 | 48 | 40 | 44 | 42 | 49 |
| ana | 9 | 31 | 28 | 32 | 59 | 34 | 36 | 36 | 17 | 38 | 5 | 40 | 0 | 42 | 3 |
| su | 10 | 30 | 51 | 32 | 20 | 33 | 55 | 35 | 35 | 37 | 21 | 39 | 14 | 41 | 16 |
| pra | 11 | 30 | 14 | 31 | 41 | 33 | 15 | 34 | 53 | 36 | 38 | 38 | 29 | 40 | 29 |
| ter | 12 | 29 | 36 | 31 | 2 | 32 | 39 | 34 | 10 | 35 | 53 | 37 | 43 | 39 | 41 |
| ram | 13 | 28 | 58 | 30 | 22 | 31 | 53 | 33 | 27 | 35 | 9 | 36 | 57 | 38 | 53 |
| | 14 | 28 | 19 | 29 | 42 | 31 | 11 | 32 | 44 | 34 | 24 | 36 | 10 | 38 | 4 |
| Et | 15 | 27 | 40 | 29 | 2 | 30 | 29 | 32 | 0 | 33 | 38 | 35 | 22 | 37 | 15 |
| Se | 16 | 27 | 1 | 28 | 21 | 29 | 46 | 31 | 14 | 32 | 52 | 34 | 34 | 36 | 25 |
| pten | 17 | 26 | 21 | 27 | 39 | 29 | 3 | 30 | 31 | 32 | 5 | 33 | 46 | 35 | 35 |
| trio | 18 | 25 | 40 | 26 | 57 | 28 | 19 | 29 | 45 | 31 | 18 | 32 | 57 | 34 | 44 |
| na | 19 | 25 | 0 | 26 | 15 | 27 | 35 | 28 | 59 | 30 | 30 | 32 | 7 | 33 | 52 |
| lis | 20 | 24 | 18 | 25 | 31 | 26 | 50 | 28 | 12 | 29 | 41 | 31 | 16 | 32 | 59 |
| sub | 21 | 23 | 36 | 24 | 47 | 26 | 4 | 27 | 25 | 28 | 51 | 30 | 24 | 32 | 5 |
| ter | 22 | 22 | 53 | 24 | 3 | 25 | 17 | 26 | 36 | 28 | 0 | 29 | 31 | 31 | 10 |
| ra | 23 | 22 | 9 | 23 | 17 | 24 | 30 | 25 | 47 | 27 | 10 | 28 | 38 | 30 | 15 |
| | 24 | 21 | 25 | 22 | 31 | 23 | 42 | 24 | 56 | 26 | 17 | 27 | 44 | 29 | 18 |
| | 25 | 20 | 40 | 21 | 44 | 22 | 52 | 24 | 5 | 25 | 24 | 26 | 48 | 28 | 20 |
| | 26 | 19 | 54 | 20 | 55 | 22 | 2 | 23 | 13 | 24 | 29 | 25 | 51 | 27 | 20 |
| | 27 | 19 | 6 | 20 | 6 | 21 | 11 | 22 | 19 | 23 | 33 | 24 | 52 | 26 | 19 |
| | 28 | 18 | 18 | 19 | 16 | 20 | 18 | 21 | 24 | 22 | 36 | 23 | 53 | 25 | 17 |
| | 29 | 17 | 29 | 18 | 24 | 19 | 24 | 20 | 28 | 21 | 37 | 22 | 51 | 24 | 13 |
| | 30 | 16 | 38 | 17 | 31 | 18 | 29 | 19 | 30 | 20 | 36 | 21 | 48 | 23 | 7 |
| | 31 | 15 | 46 | 16 | 37 | 17 | 32 | 18 | 30 | 19 | 34 | 20 | 43 | 21 | 59 |
| | 32 | 14 | 53 | 15 | 41 | 16 | 34 | 17 | 29 | 18 | 30 | 19 | 36 | 20 | 49 |

Ad .45. Gradus Latitudinis

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

Tabula Positionum

| Elevatio | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------------------------|-----|------|------|------|------|------|-------|-------|
| | S | S m | S m | S m | S m | S m | S m | S m |
| 32 | 131 | 3 3 | 4 35 | 6 7 | 7 39 | 9 12 | 10 45 | 12 18 |
| 31 | 130 | 3 9 | 4 30 | 6 1 | 7 32 | 9 3 | 10 35 | 12 7 |
| De cli na tio | 30 | 129 | 2 57 | 4 26 | 5 56 | 7 25 | 8 55 | 10 25 |
| | 29 | 127 | 2 55 | 4 22 | 5 50 | 7 18 | 8 46 | 10 15 |
| | 28 | 126 | 2 52 | 4 18 | 5 45 | 7 11 | 8 38 | 10 6 |
| | 27 | 125 | 2 49 | 4 14 | 5 40 | 7 4 | 8 30 | 9 56 |
| Se pten trio na | 26 | 123 | 2 47 | 4 10 | 5 34 | 6 58 | 8 22 | 9 47 |
| | 25 | 122 | 2 44 | 4 6 | 5 29 | 6 51 | 8 15 | 9 38 |
| | 24 | 121 | 2 41 | 4 2 | 5 24 | 6 45 | 8 7 | 9 29 |
| | 23 | 119 | 2 39 | 3 59 | 5 19 | 6 39 | 7 59 | 9 20 |
| lis su | 22 | 118 | 2 37 | 3 55 | 5 14 | 6 33 | 7 52 | 9 12 |
| | 21 | 117 | 2 34 | 3 51 | 5 9 | 6 26 | 7 45 | 9 3 |
| pra ter ram | 20 | 116 | 2 32 | 3 48 | 5 4 | 6 20 | 7 28 | 8 55 |
| | 19 | 115 | 2 29 | 3 44 | 5 0 | 6 15 | 7 30 | 8 46 |
| | 18 | 113 | 2 27 | 3 41 | 4 55 | 6 9 | 7 23 | 8 38 |
| | 17 | 112 | 2 25 | 3 37 | 4 51 | 6 3 | 7 16 | 8 30 |
| Et De | 16 | 111 | 2 22 | 3 34 | 4 46 | 5 57 | 7 10 | 8 22 |
| | 15 | 110 | 2 20 | 3 30 | 4 41 | 5 52 | 7 3 | 8 14 |
| ri di | 14 | 1 9 | 2 18 | 3 27 | 4 37 | 5 46 | 6 56 | 8 6 |
| | 13 | 1 8 | 2 16 | 3 24 | 4 33 | 5 40 | 6 49 | 7 58 |
| ana sub | 12 | 1 7 | 2 13 | 3 20 | 4 28 | 5 35 | 6 43 | 7 51 |
| | 11 | 1 6 | 2 11 | 3 17 | 4 24 | 5 29 | 6 36 | 7 43 |
| ter ra | 10 | 1 5 | 2 9 | 3 14 | 4 19 | 5 24 | 6 30 | 7 35 |
| | 9 | 1 3 | 2 7 | 3 11 | 4 15 | 5 19 | 6 23 | 7 28 |
| | 8 | 1 2 | 2 5 | 3 7 | 4 11 | 5 13 | 6 17 | 7 20 |
| | 7 | 1 1 | 2 3 | 3 4 | 4 7 | 5 8 | 6 10 | 7 13 |
| | 6 | 1 0 | 2 1 | 3 1 | 4 2 | 5 3 | 6 4 | 7 5 |
| | 5 | 0 59 | 1 58 | 2 58 | 3 58 | 4 57 | 5 58 | 6 58 |
| | 4 | 0 58 | 1 56 | 2 55 | 3 54 | 4 52 | 5 51 | 6 51 |
| | 3 | 0 57 | 1 54 | 2 51 | 3 50 | 4 47 | 5 45 | 6 43 |
| | 2 | 0 56 | 1 52 | 2 48 | 3 45 | 4 41 | 5 39 | 6 36 |
| | 1 | 0 55 | 1 50 | 2 45 | 3 41 | 4 36 | 5 32 | 6 28 |
| | 0 | 0 54 | 1 48 | 2 42 | 3 37 | 4 31 | 5 26 | 6 21 |

Ad .48. Gradus Latitudinis

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

Residuum Tabule Positionum

| Elevatio | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | |
|-------------------------|----|------|------|-------|-------|-------|-------|-------|------|
| | B | B m | B ii | B iii | B iii | B iii | B iii | B iii | |
| | 0 | 0 54 | 1 48 | 2 42 | 3 37 | 4 31 | 5 26 | 6 21 | 7 16 |
| | 1 | 0 53 | 1 46 | 2 39 | 3 33 | 4 26 | 5 19 | 6 14 | 7 8 |
| De cli | 2 | 0 52 | 1 44 | 2 36 | 3 29 | 4 21 | 5 13 | 6 6 | 6 59 |
| | 3 | 0 51 | 1 42 | 2 33 | 3 24 | 4 15 | 5 7 | 5 59 | 6 51 |
| na cio | 4 | 0 50 | 1 40 | 2 29 | 3 20 | 4 10 | 5 1 | 5 41 | 6 42 |
| | 5 | 0 49 | 1 38 | 2 26 | 3 16 | 4 5 | 4 54 | 5 44 | 6 34 |
| De ri | 6 | 0 48 | 1 35 | 2 23 | 3 12 | 3 59 | 4 48 | 5 37 | 6 25 |
| | 7 | 0 47 | 1 43 | 2 20 | 3 7 | 3 55 | 4 42 | 5 29 | 6 17 |
| ci ana | 8 | 0 46 | 1 31 | 2 17 | 3 3 | 3 49 | 4 35 | 5 22 | 6 8 |
| | 9 | 0 45 | 1 29 | 2 13 | 2 59 | 3 43 | 4 29 | 5 14 | 6 0 |
| tu pra | 10 | 0 43 | 1 27 | 2 10 | 2 55 | 3 38 | 4 22 | 5 7 | 5 51 |
| | 11 | 0 42 | 1 25 | 2 7 | 2 50 | 3 33 | 4 16 | 4 59 | 5 42 |
| ter ram | 12 | 0 41 | 1 23 | 2 4 | 2 46 | 3 27 | 4 9 | 4 51 | 5 33 |
| | 13 | 0 40 | 1 20 | 2 0 | 2 41 | 3 22 | 4 3 | 4 44 | 5 24 |
| Et | 14 | 0 39 | 1 18 | 1 57 | 2 37 | 3 16 | 4 56 | 4 36 | 5 16 |
| | 15 | 0 38 | 1 16 | 1 54 | 2 33 | 3 10 | 3 49 | 4 28 | 5 6 |
| Se pten rio | 16 | 0 37 | 1 14 | 1 50 | 2 28 | 3 5 | 3 42 | 4 20 | 4 57 |
| | 17 | 0 36 | 1 11 | 1 47 | 2 23 | 2 59 | 3 36 | 4 12 | 4 48 |
| na | 18 | 0 35 | 1 9 | 1 43 | 2 19 | 2 52 | 3 29 | 4 4 | 4 39 |
| | 19 | 0 33 | 1 7 | 1 40 | 2 14 | 2 47 | 3 22 | 3 56 | 4 30 |
| lis sub ter ra | 20 | 0 32 | 1 4 | 1 36 | 2 10 | 2 42 | 3 14 | 3 47 | 4 20 |
| | 21 | 0 31 | 1 2 | 1 33 | 2 5 | 2 36 | 3 7 | 3 39 | 4 10 |
| | 22 | 0 30 | 0 59 | 1 29 | 2 0 | 2 29 | 3 0 | 3 30 | 4 1 |
| | 23 | 0 29 | 0 57 | 1 27 | 1 55 | 2 23 | 2 53 | 3 22 | 3 51 |
| | 24 | 0 27 | 0 55 | 1 22 | 1 50 | 2 17 | 2 45 | 3 13 | 3 41 |
| | 25 | 0 26 | 0 52 | 1 18 | 1 45 | 2 11 | 2 37 | 3 4 | 3 31 |
| | 26 | 0 25 | 0 49 | 1 14 | 1 40 | 2 4 | 2 30 | 2 55 | 3 20 |
| | 27 | 0 23 | 0 47 | 1 10 | 1 34 | 1 58 | 2 22 | 2 46 | 3 10 |
| | 28 | 0 22 | 0 44 | 1 6 | 1 29 | 1 51 | 2 14 | 2 36 | 2 59 |
| | 29 | 0 21 | 0 41 | 1 2 | 1 24 | 1 44 | 2 6 | 2 27 | 2 48 |
| | 30 | 0 19 | 0 39 | 0 58 | 1 18 | 1 37 | 1 57 | 2 17 | 2 37 |
| | 31 | 0 18 | 0 36 | 0 54 | 1 13 | 1 30 | 1 49 | 2 7 | 2 25 |
| | 32 | 0 17 | 0 33 | 0 49 | 1 7 | 1 23 | 1 40 | 2 57 | 2 14 |

Ad .48. gradus Latitudinis

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

Residuum Tabule Positionum

| | Eleano | | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
|------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-----|
| | S | S m | S m | S m | S m | S m | S m | S m | S m | S m |
| | 32 | 27 0 | 28 44 | 30 29 | 32 17 | 34 6 | 35 57 | 37 51 | 39 47 | |
| | 31 | 26 34 | 28 17 | 30 0 | 31 46 | 33 33 | 35 23 | 37 15 | 39 9 | |
| De | 30 | 26 9 | 27 50 | 29 32 | 31 16 | 33 1 | 34 49 | 36 39 | 38 32 | |
| cli | 29 | 25 44 | 27 24 | 29 4 | 30 46 | 32 30 | 34 16 | 36 5 | 38 21 | |
| na | 28 | 25 20 | 26 58 | 28 37 | 30 17 | 32 0 | 33 44 | 35 31 | 37 56 | |
| tio | 27 | 24 57 | 26 33 | 28 10 | 29 49 | 31 30 | 33 13 | 34 57 | 37 31 | |
| Se | 26 | 24 34 | 26 8 | 27 44 | 29 22 | 31 0 | 32 41 | 34 25 | 37 5 | |
| pren | 25 | 24 11 | 25 44 | 27 18 | 28 54 | 30 32 | 32 12 | 33 53 | 36 39 | |
| trio | 24 | 23 48 | 25 20 | 26 53 | 28 27 | 30 3 | 31 42 | 33 22 | 36 12 | |
| na | 23 | 23 26 | 24 57 | 26 28 | 28 1 | 29 35 | 31 13 | 32 51 | 35 44 | |
| lis | 22 | 23 5 | 24 34 | 26 4 | 27 35 | 29 8 | 30 4 | 32 21 | 35 16 | |
| su | 21 | 22 43 | 24 11 | 25 40 | 27 10 | 28 41 | 30 15 | 31 51 | 34 48 | |
| pra | 20 | 22 22 | 23 48 | 25 16 | 26 45 | 28 15 | 29 47 | 31 21 | 34 19 | |
| ter | 19 | 22 2 | 23 26 | 24 53 | 26 20 | 27 49 | 29 20 | 30 52 | 33 49 | |
| ram | 18 | 21 41 | 23 5 | 24 29 | 25 55 | 27 23 | 28 53 | 30 24 | 33 19 | |
| | 17 | 21 21 | 22 43 | 24 6 | 25 31 | 26 57 | 28 26 | 29 55 | 32 48 | |
| Et | 16 | 21 1 | 22 22 | 23 44 | 25 7 | 26 32 | 27 59 | 29 27 | 32 18 | |
| De | 15 | 20 41 | 22 1 | 23 22 | 24 44 | 26 7 | 27 33 | 29 0 | 31 47 | |
| ri | 14 | 20 21 | 21 40 | 22 59 | 24 20 | 25 43 | 27 7 | 28 33 | 31 16 | |
| di | 13 | 20 2 | 21 19 | 22 38 | 23 57 | 25 18 | 26 41 | 28 6 | 30 44 | |
| ana | 12 | 19 43 | 20 59 | 22 16 | 23 34 | 24 54 | 26 16 | 27 39 | 30 12 | |
| sub | 11 | 19 23 | 20 38 | 21 54 | 23 11 | 24 30 | 25 50 | 27 12 | 29 40 | |
| ter | 10 | 19 4 | 20 18 | 21 33 | 22 49 | 24 6 | 25 25 | 26 46 | 29 8 | |
| ra | 9 | 18 46 | 19 58 | 21 12 | 22 26 | 23 42 | 25 0 | 26 19 | 28 35 | |
| | 8 | 18 27 | 19 38 | 20 50 | 22 4 | 23 19 | 24 35 | 25 53 | 28 3 | |
| | 7 | 18 8 | 19 18 | 20 29 | 21 42 | 22 55 | 24 11 | 25 27 | 27 30 | |
| | 6 | 17 49 | 18 58 | 20 8 | 21 20 | 22 32 | 23 46 | 25 1 | 26 57 | |
| | 5 | 17 31 | 18 39 | 19 48 | 20 57 | 22 8 | 23 22 | 24 36 | 26 24 | |
| | 4 | 17 13 | 18 19 | 19 27 | 20 35 | 21 45 | 22 57 | 24 10 | 25 51 | |
| | 3 | 16 54 | 18 0 | 19 6 | 20 14 | 21 22 | 22 33 | 23 45 | 25 18 | |
| | 2 | 16 36 | 17 40 | 18 45 | 19 52 | 20 59 | 22 9 | 23 19 | 24 45 | |
| | 1 | 16 17 | 17 20 | 18 25 | 19 30 | 20 36 | 21 44 | 22 53 | 24 11 | |
| | 0 | 15 59 | 17 1 | 18 4 | 19 8 | 20 13 | 21 20 | 22 28 | 23 36 | |

Ad .48. Gradus Latitudinis

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

Residuum Tabule Positionum

| Elevatio | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | |
|----------|------|-------|-------|-------|-------|-------|-------|-------|-------|
| | B m | B m | B m | B m | B m | B m | B m | B m | |
| | 0 | 15 59 | 17 1 | 18 4 | 19 8 | 20 13 | 21 20 | 22 28 | 23 36 |
| | 1 | 15 41 | 16 42 | 17 43 | 18 46 | 19 50 | 20 56 | 22 3 | 23 11 |
| De | 2 | 15 22 | 16 22 | 17 23 | 18 24 | 19 27 | 20 31 | 21 37 | 22 45 |
| | 3 | 15 4 | 16 2 | 17 2 | 18 2 | 19 4 | 20 7 | 21 11 | 22 18 |
| na | 4 | 14 45 | 15 43 | 16 41 | 17 41 | 18 41 | 19 43 | 20 46 | 21 51 |
| | 5 | 14 27 | 15 23 | 16 20 | 17 19 | 18 18 | 19 18 | 20 20 | 21 24 |
| De | 6 | 14 9 | 15 5 | 16 0 | 16 56 | 17 54 | 18 54 | 19 55 | 20 57 |
| | 7 | 13 50 | 14 44 | 15 39 | 16 34 | 17 31 | 18 29 | 19 29 | 20 30 |
| di | 8 | 13 31 | 14 24 | 15 18 | 16 12 | 17 7 | 18 5 | 19 3 | 20 3 |
| | 9 | 13 12 | 14 4 | 14 56 | 15 50 | 16 44 | 17 40 | 18 37 | 19 35 |
| su | 10 | 12 54 | 13 44 | 14 35 | 15 27 | 16 20 | 17 15 | 18 10 | 19 8 |
| | 11 | 12 35 | 13 24 | 14 14 | 15 5 | 15 56 | 16 50 | 17 44 | 18 40 |
| ter | 12 | 12 15 | 13 3 | 13 52 | 14 42 | 15 32 | 16 24 | 17 17 | 18 12 |
| | 13 | 11 56 | 12 43 | 13 30 | 14 19 | 15 8 | 15 59 | 16 50 | 17 44 |
| Et | 14 | 11 37 | 12 22 | 13 9 | 13 56 | 14 43 | 15 33 | 16 23 | 17 16 |
| | 15 | 11 17 | 12 1 | 12 46 | 13 32 | 14 19 | 15 7 | 15 56 | 16 47 |
| Se | 16 | 10 57 | 11 40 | 12 24 | 13 9 | 13 54 | 14 41 | 15 29 | 16 18 |
| | 17 | 10 37 | 11 19 | 12 2 | 12 45 | 13 29 | 14 14 | 15 1 | 15 49 |
| trio | 18 | 10 17 | 10 57 | 11 39 | 12 21 | 13 3 | 13 47 | 14 32 | 15 19 |
| | 19 | 9 56 | 10 36 | 11 15 | 11 56 | 12 37 | 13 20 | 14 4 | 14 49 |
| lis | 20 | 9 36 | 10 14 | 10 52 | 11 31 | 12 11 | 12 53 | 13 35 | 14 19 |
| | 21 | 9 15 | 9 51 | 10 28 | 11 6 | 11 45 | 12 25 | 13 5 | 13 48 |
| ter | 22 | 8 53 | 9 28 | 10 4 | 10 41 | 11 18 | 11 56 | 12 35 | 13 16 |
| | 23 | 8 32 | 9 5 | 9 40 | 10 15 | 10 51 | 11 27 | 12 5 | 12 44 |
| 24 | 8 10 | 8 42 | 9 15 | 9 49 | 10 23 | 10 58 | 11 34 | 12 12 | |
| 25 | 7 47 | 8 18 | 8 50 | 9 22 | 9 54 | 10 28 | 11 3 | 11 39 | |
| 26 | 7 24 | 7 54 | 8 24 | 8 54 | 9 26 | 9 58 | 10 31 | 11 5 | |
| 27 | 7 1 | 7 29 | 7 58 | 8 27 | 8 56 | 9 27 | 9 59 | 10 31 | |
| 28 | 6 38 | 7 4 | 7 31 | 7 59 | 8 26 | 8 56 | 9 25 | 9 56 | |
| 29 | 6 14 | 6 38 | 7 4 | 7 30 | 7 56 | 8 24 | 8 49 | 9 21 | |
| 30 | 5 49 | 6 12 | 6 36 | 7 0 | 7 25 | 7 51 | 8 17 | 8 54 | |
| 31 | 5 24 | 5 45 | 6 8 | 6 30 | 6 53 | 7 17 | 7 41 | 8 7 | |
| 32 | 4 58 | 5 18 | 5 39 | 5 59 | 6 20 | 6 43 | 7 5 | 7 29 | |

Ad .49. grade Latitudinis

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

Residuum Tabule Positionum

| Elemento | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | |
|----------|----|-------|-------|-------|-------|-------|-------|-------|-------|
| | S | S m | S m | S m | S m | S m | S m | S m | |
| | 32 | 59 43 | 62 20 | 65 2 | 68 51 | 70 49 | 73 55 | 77 43 | 80 41 |
| | 31 | 58 45 | 61 19 | 63 58 | 67 44 | 69 39 | 72 42 | 75 56 | 79 21 |
| De | 30 | 57 48 | 60 19 | 62 56 | 66 39 | 68 31 | 71 31 | 74 41 | 78 3 |
| cli | 29 | 56 53 | 59 21 | 61 55 | 65 36 | 67 25 | 70 22 | 73 29 | 76 47 |
| na | 28 | 55 59 | 58 25 | 60 56 | 64 34 | 66 21 | 69 15 | 72 19 | 75 34 |
| tio | 27 | 55 6 | 57 30 | 59 59 | 63 35 | 65 19 | 68 10 | 71 11 | 74 23 |
| Se | 26 | 54 15 | 56 36 | 59 3 | 61 36 | 64 18 | 67 6 | 70 5 | 73 14 |
| pren | 25 | 53 25 | 55 44 | 58 8 | 60 39 | 63 18 | 66 3 | 69 0 | 72 6 |
| trio | 24 | 52 35 | 54 53 | 57 15 | 59 43 | 62 20 | 65 3 | 67 57 | 71 0 |
| na | 23 | 51 47 | 54 2 | 56 22 | 58 49 | 61 23 | 64 4 | 66 55 | 69 56 |
| lis | 22 | 51 0 | 53 13 | 55 32 | 57 56 | 60 28 | 63 6 | 65 55 | 68 52 |
| fu | 21 | 50 13 | 52 24 | 54 41 | 57 3 | 59 33 | 62 9 | 64 56 | 67 51 |
| pra | 20 | 49 27 | 51 37 | 53 51 | 56 11 | 58 39 | 61 13 | 63 57 | 66 51 |
| ter | 19 | 48 42 | 50 50 | 53 2 | 55 20 | 57 46 | 60 18 | 63 0 | 65 52 |
| ram | 18 | 47 58 | 50 4 | 52 14 | 54 30 | 56 54 | 59 24 | 62 4 | 64 53 |
| | 17 | 47 14 | 49 18 | 51 27 | 53 41 | 56 3 | 58 31 | 61 9 | 63 56 |
| Et | 16 | 46 31 | 48 33 | 50 40 | 52 53 | 55 13 | 57 39 | 60 15 | 62 59 |
| Me | 15 | 45 48 | 47 49 | 49 54 | 52 5 | 54 23 | 56 47 | 59 21 | 62 4 |
| ri | 14 | 45 6 | 47 5 | 49 8 | 51 17 | 53 34 | 55 56 | 58 28 | 61 9 |
| di | 13 | 44 24 | 46 22 | 48 23 | 50 30 | 52 45 | 55 6 | 57 35 | 60 14 |
| ana | 12 | 43 43 | 45 39 | 47 39 | 49 44 | 51 57 | 54 16 | 56 44 | 59 20 |
| sub | 11 | 43 2 | 44 56 | 46 54 | 48 58 | 51 9 | 53 26 | 55 52 | 58 27 |
| ter | 10 | 42 22 | 44 14 | 46 11 | 48 13 | 50 22 | 52 37 | 55 2 | 57 34 |
| ra | 9 | 41 41 | 43 32 | 45 27 | 47 17 | 49 35 | 51 48 | 54 11 | 56 42 |
| | 8 | 41 1 | 42 50 | 44 44 | 46 43 | 48 49 | 51 0 | 53 21 | 55 50 |
| | 7 | 40 21 | 42 9 | 44 1 | 45 58 | 48 3 | 50 12 | 52 31 | 54 59 |
| | 6 | 39 42 | 41 28 | 43 18 | 45 14 | 47 17 | 49 25 | 51 42 | 54 8 |
| | 5 | 39 2 | 40 47 | 42 36 | 44 30 | 46 37 | 48 37 | 50 53 | 53 17 |
| | 4 | 38 23 | 40 6 | 41 53 | 43 46 | 45 45 | 47 50 | 50 4 | 52 26 |
| | 3 | 37 44 | 39 26 | 41 11 | 43 2 | 45 0 | 47 3 | 49 15 | 51 35 |
| | 2 | 37 5 | 38 45 | 40 29 | 42 18 | 44 15 | 46 16 | 48 26 | 50 45 |
| | 1 | 36 26 | 38 4 | 39 47 | 41 35 | 43 29 | 45 29 | 47 38 | 49 54 |
| | 0 | 35 41 | 37 24 | 39 5 | 40 51 | 42 44 | 44 42 | 46 39 | 49 4 |

Ad .48. Bradus Latitudinis

| | 41 | | 42 | | 43 | | 44 | | 45 | | 46 | | 47 | | 48 poli | |
|----|----|----|----|----|----|----|----|----|-----|----|-----|----|-----|----|---------|----|
| B | B | m | B | m | B | m | B | m | B | m | B | m | B | m | B | m |
| 32 | 84 | 25 | 88 | 29 | 92 | 44 | 97 | 31 | 102 | 53 | 109 | 7 | 116 | 59 | 133 | 57 |
| 31 | 83 | 0 | 86 | 55 | 91 | 11 | 95 | 52 | 101 | 9 | 107 | 17 | 115 | 2 | 131 | 55 |
| 30 | 81 | 38 | 85 | 29 | 89 | 41 | 94 | 17 | 99 | 29 | 105 | 31 | 113 | 10 | 129 | 53 |
| 29 | 80 | 19 | 84 | 7 | 88 | 14 | 92 | 46 | 97 | 53 | 103 | 50 | 111 | 23 | 128 | 0 |
| 28 | 79 | 2 | 82 | 46 | 86 | 50 | 91 | 18 | 96 | 20 | 102 | 13 | 109 | 41 | 126 | 12 |
| 27 | 77 | 48 | 81 | 28 | 85 | 28 | 89 | 53 | 94 | 51 | 100 | 39 | 108 | 2 | 124 | 28 |
| 26 | 76 | 56 | 80 | 13 | 84 | 9 | 88 | 30 | 93 | 24 | 99 | 8 | 106 | 27 | 122 | 48 |
| 25 | 75 | 26 | 79 | 0 | 82 | 53 | 87 | 10 | 92 | 1 | 97 | 40 | 104 | 55 | 121 | 12 |
| 24 | 74 | 17 | 77 | 48 | 81 | 38 | 85 | 52 | 90 | 39 | 96 | 15 | 103 | 26 | 118 | 38 |
| 23 | 73 | 10 | 76 | 38 | 80 | 25 | 84 | 36 | 89 | 20 | 94 | 53 | 102 | 0 | 117 | 8 |
| 22 | 72 | 5 | 75 | 30 | 79 | 14 | 83 | 22 | 88 | 3 | 93 | 32 | 100 | 35 | 116 | 40 |
| 21 | 71 | 1 | 74 | 23 | 78 | 5 | 82 | 10 | 86 | 47 | 92 | 13 | 99 | 13 | 115 | 14 |
| 20 | 69 | 58 | 73 | 18 | 76 | 56 | 80 | 59 | 85 | 34 | 90 | 56 | 97 | 53 | 113 | 51 |
| 19 | 68 | 56 | 72 | 14 | 75 | 50 | 79 | 49 | 84 | 22 | 89 | 41 | 96 | 35 | 112 | 29 |
| 18 | 67 | 55 | 71 | 11 | 74 | 44 | 78 | 41 | 83 | 11 | 88 | 28 | 95 | 18 | 111 | 9 |
| 17 | 66 | 56 | 70 | 9 | 73 | 40 | 77 | 34 | 82 | 1 | 87 | 15 | 94 | 3 | 109 | 51 |
| 16 | 65 | 57 | 69 | 8 | 72 | 37 | 76 | 29 | 80 | 53 | 86 | 4 | 92 | 49 | 108 | 34 |
| 15 | 64 | 59 | 68 | 8 | 71 | 34 | 75 | 24 | 79 | 45 | 84 | 55 | 91 | 37 | 107 | 19 |
| 14 | 64 | 2 | 67 | 8 | 70 | 33 | 74 | 20 | 78 | 39 | 83 | 46 | 90 | 25 | 106 | 5 |
| 13 | 63 | 6 | 66 | 10 | 69 | 32 | 73 | 17 | 77 | 34 | 82 | 38 | 89 | 15 | 104 | 51 |
| 12 | 62 | 10 | 65 | 12 | 68 | 32 | 72 | 15 | 76 | 29 | 81 | 31 | 88 | 6 | 103 | 39 |
| 11 | 61 | 12 | 64 | 15 | 67 | 33 | 71 | 13 | 75 | 26 | 80 | 25 | 86 | 57 | 102 | 28 |
| 10 | 60 | 20 | 63 | 18 | 66 | 34 | 70 | 12 | 74 | 22 | 79 | 19 | 85 | 49 | 101 | 18 |
| 9 | 59 | 26 | 62 | 22 | 65 | 36 | 69 | 12 | 73 | 20 | 78 | 14 | 84 | 42 | 100 | 8 |
| 8 | 58 | 32 | 61 | 26 | 64 | 38 | 68 | 12 | 72 | 18 | 77 | 10 | 83 | 35 | 98 | 59 |
| 7 | 57 | 39 | 60 | 31 | 63 | 40 | 67 | 13 | 71 | 16 | 76 | 6 | 82 | 29 | 97 | 50 |
| 6 | 56 | 46 | 59 | 36 | 62 | 43 | 66 | 14 | 70 | 15 | 75 | 3 | 81 | 23 | 96 | 42 |
| 5 | 55 | 53 | 58 | 41 | 61 | 47 | 65 | 15 | 69 | 14 | 74 | 0 | 80 | 18 | 95 | 35 |
| 4 | 55 | 0 | 57 | 47 | 60 | 50 | 64 | 16 | 68 | 14 | 72 | 57 | 79 | 13 | 94 | 27 |
| 3 | 54 | 8 | 56 | 52 | 59 | 54 | 63 | 18 | 67 | 13 | 71 | 55 | 78 | 8 | 93 | 20 |
| 2 | 53 | 15 | 55 | 58 | 58 | 58 | 62 | 20 | 66 | 13 | 70 | 52 | 77 | 4 | 92 | 13 |
| 1 | 52 | 23 | 55 | 4 | 58 | 2 | 61 | 22 | 65 | 13 | 69 | 50 | 75 | 59 | 91 | 7 |
| 0 | 51 | 31 | 54 | 10 | 57 | 6 | 60 | 24 | 64 | 13 | 68 | 48 | 74 | 55 | 90 | 0 |

) D I

Residuum Tabule Positionum

| Elevatio | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|
| D | D m | D m | D m | D m | D m | D m | D m | D m |
| 0 | 35 41 | 37 24 | 39 5 | 40 51 | 42 44 | 44 42 | 46 49 | 49 4 |
| 1 | 35 8 | 36 44 | 38 23 | 40 7 | 41 59 | 43 55 | 46 0 | 48 14 |
| De cli | 2 | 34 29 | 36 3 | 37 41 | 39 24 | 41 13 | 43 8 | 45 12 |
| 3 | 33 50 | 35 22 | 36 59 | 38 40 | 40 28 | 42 21 | 44 23 | 46 33 |
| na | 4 | 33 11 | 34 42 | 36 17 | 37 56 | 39 43 | 41 34 | 43 34 |
| tio | 5 | 32 32 | 34 1 | 35 34 | 37 12 | 38 57 | 40 47 | 42 45 |
| Me | 6 | 31 52 | 33 20 | 34 52 | 36 28 | 38 11 | 39 59 | 41 56 |
| ri | 7 | 31 13 | 32 39 | 34 2 | 35 44 | 37 25 | 39 12 | 41 7 |
| di | 8 | 30 33 | 31 58 | 33 26 | 34 59 | 36 39 | 38 24 | 40 17 |
| ana | 9 | 29 53 | 31 16 | 32 43 | 34 15 | 35 53 | 37 36 | 39 27 |
| su | 10 | 29 12 | 30 34 | 31 59 | 33 29 | 35 6 | 36 47 | 38 36 |
| pra | 11 | 28 32 | 29 52 | 31 16 | 32 44 | 34 19 | 35 58 | 37 46 |
| ter | 12 | 27 51 | 29 9 | 30 31 | 31 58 | 33 31 | 35 8 | 36 54 |
| ram | 13 | 27 10 | 28 26 | 29 47 | 31 12 | 32 43 | 34 18 | 36 3 |
| 14 | 26 28 | 27 43 | 29 2 | 30 25 | 31 54 | 33 28 | 35 10 | 36 59 |
| Et | 15 | 25 46 | 26 59 | 28 16 | 29 37 | 31 5 | 32 37 | 34 17 |
| 16 | 25 3 | 26 15 | 27 30 | 28 49 | 30 15 | 31 45 | 33 23 | 35 9 |
| Se | 17 | 24 20 | 25 30 | 26 43 | 28 1 | 29 25 | 30 53 | 32 29 |
| pten | 18 | 23 36 | 24 44 | 25 56 | 27 12 | 28 34 | 30 0 | 31 34 |
| rio | 19 | 22 52 | 23 58 | 25 8 | 26 22 | 27 42 | 29 6 | 30 38 |
| na | 20 | 22 7 | 23 11 | 24 19 | 25 31 | 26 49 | 28 11 | 29 41 |
| lis | 21 | 21 21 | 22 24 | 23 29 | 24 39 | 25 55 | 27 15 | 28 42 |
| sub | 22 | 20 34 | 21 35 | 22 38 | 23 46 | 25 0 | 26 18 | 27 43 |
| ter | 23 | 19 47 | 20 46 | 21 48 | 22 53 | 24 5 | 25 20 | 26 43 |
| ra | 24 | 18 59 | 19 55 | 20 55 | 21 59 | 23 8 | 24 21 | 25 41 |
| 25 | 18 9 | 19 4 | 20 2 | 21 3 | 22 10 | 23 21 | 24 38 | 26 2 |
| 26 | 17 19 | 18 12 | 19 7 | 20 6 | 21 10 | 22 18 | 23 33 | 24 54 |
| 27 | 16 28 | 17 18 | 18 11 | 19 7 | 20 9 | 21 14 | 22 27 | 24 45 |
| 28 | 15 35 | 16 23 | 17 14 | 18 8 | 19 7 | 20 9 | 21 19 | 22 34 |
| 29 | 14 41 | 15 27 | 16 15 | 17 6 | 18 3 | 19 2 | 20 9 | 21 26 |
| 30 | 13 46 | 14 29 | 15 14 | 16 3 | 16 57 | 17 53 | 18 57 | 20 5 |
| 31 | 12 49 | 13 29 | 14 12 | 14 58 | 15 49 | 16 42 | 17 42 | 18 47 |
| 32 | 11 51 | 12 28 | 13 8 | 13 51 | 14 39 | 15 29 | 16 25 | 17 27 |

Ad .48. Gradus Latitudinis

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

Tabula Positionum

| Elevatio | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|------------|------|------|------|------|------|------|------|-------|
| D | D m | D m | D m | D m | D m | D m | D m | D m |
| 32 | 1 26 | 2 52 | 4 19 | 5 45 | 7 12 | 8 39 | 10 6 | 11 34 |
| 31 | 1 25 | 2 49 | 4 14 | 5 39 | 7 5 | 8 30 | 9 56 | 11 23 |
| De cli | 30 | 1 24 | 2 46 | 4 10 | 5 34 | 6 58 | 8 22 | 9 46 |
| na | 29 | 1 22 | 2 44 | 4 6 | 5 28 | 6 51 | 8 13 | 9 36 |
| tio | 28 | 1 21 | 2 41 | 4 2 | 5 23 | 6 44 | 8 5 | 9 27 |
| | 27 | 1 20 | 2 38 | 3 58 | 5 18 | 6 37 | 7 57 | 9 17 |
| Se pten | 26 | 1 18 | 2 36 | 3 54 | 5 12 | 6 31 | 7 49 | 9 8 |
| trio | 25 | 1 17 | 2 33 | 3 50 | 5 7 | 6 24 | 7 42 | 8 59 |
| na | 24 | 1 16 | 2 30 | 3 46 | 5 2 | 6 18 | 7 34 | 8 50 |
| lis | 23 | 1 14 | 2 28 | 3 43 | 4 57 | 6 12 | 7 26 | 8 41 |
| su | 22 | 1 13 | 2 26 | 3 39 | 4 52 | 6 6 | 7 19 | 8 33 |
| | 21 | 1 12 | 2 23 | 3 35 | 4 47 | 5 59 | 7 12 | 8 24 |
| pra ter | 20 | 1 11 | 2 21 | 3 32 | 4 42 | 5 53 | 7 5 | 8 16 |
| ram | 19 | 1 10 | 2 18 | 3 28 | 4 38 | 5 48 | 6 57 | 8 7 |
| | 18 | 1 8 | 2 16 | 3 25 | 4 33 | 5 42 | 6 50 | 7 59 |
| | 17 | 1 7 | 2 14 | 3 21 | 4 29 | 5 36 | 6 43 | 7 51 |
| Et De | 16 | 1 6 | 2 11 | 3 18 | 4 24 | 5 30 | 6 37 | 7 43 |
| ri | 15 | 1 5 | 2 9 | 3 14 | 4 19 | 5 25 | 6 30 | 7 35 |
| di | 14 | 1 4 | 2 7 | 3 11 | 4 15 | 5 19 | 6 23 | 7 27 |
| ana | 13 | 1 3 | 2 5 | 3 8 | 4 11 | 5 13 | 6 16 | 7 19 |
| sub | 12 | 1 2 | 2 2 | 3 4 | 4 6 | 5 8 | 6 10 | 7 12 |
| ter | 11 | 1 1 | 2 0 | 3 1 | 4 2 | 5 2 | 6 3 | 7 4 |
| ra | 10 | 1 0 | 1 58 | 2 58 | 3 57 | 4 57 | 5 57 | 6 56 |
| | 9 | 0 58 | 1 56 | 2 55 | 3 53 | 4 52 | 5 50 | 6 49 |
| | 8 | 0 57 | 1 54 | 2 51 | 3 49 | 4 46 | 5 44 | 6 41 |
| | 7 | 0 56 | 1 52 | 2 48 | 3 45 | 4 41 | 5 37 | 6 34 |
| | 6 | 0 55 | 1 50 | 2 45 | 3 40 | 4 36 | 5 31 | 6 26 |
| | 5 | 0 54 | 1 47 | 2 42 | 3 36 | 4 30 | 5 25 | 6 19 |
| | 4 | 0 53 | 1 45 | 2 39 | 3 32 | 4 25 | 5 18 | 6 12 |
| | 3 | 0 52 | 1 43 | 2 35 | 3 28 | 4 20 | 5 12 | 6 4 |
| | 2 | 0 51 | 1 41 | 2 32 | 3 23 | 4 14 | 5 6 | 5 57 |
| | 1 | 0 50 | 1 39 | 2 29 | 3 19 | 4 9 | 4 59 | 5 49 |
| | 0 | 0 49 | 1 37 | 2 26 | 3 15 | 4 4 | 4 53 | 5 42 |

Ad .51. Gradus Latitudinis

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

) 0 3

Tabula Positionum

| Elevatio | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | |
|----------|----|------|------|------|------|------|------|------|------|
| | B | B m | B m | B m | B m | B m | B m | B m | |
| | 0 | 0 49 | 1 37 | 2 26 | 3 15 | 4 4 | 4 53 | 5 42 | 6 32 |
| | 1 | 0 48 | 1 35 | 2 23 | 3 11 | 3 59 | 4 47 | 5 35 | 6 24 |
| De | 2 | 0 47 | 1 33 | 2 20 | 3 7 | 3 54 | 4 40 | 5 27 | 6 15 |
| cli | 3 | 0 46 | 1 31 | 2 17 | 3 2 | 3 48 | 4 34 | 5 20 | 6 7 |
| na | 4 | 0 45 | 1 29 | 2 13 | 2 58 | 3 43 | 4 29 | 5 12 | 5 58 |
| tio | 5 | 0 44 | 1 27 | 2 10 | 2 54 | 3 38 | 4 21 | 5 5 | 5 50 |
| De | 6 | 0 43 | 1 24 | 2 7 | 2 50 | 3 32 | 4 15 | 4 58 | 5 41 |
| ri | 7 | 0 42 | 1 22 | 2 4 | 2 45 | 3 27 | 4 9 | 4 52 | 5 33 |
| di | 8 | 0 41 | 1 20 | 2 1 | 2 41 | 3 22 | 4 2 | 4 43 | 5 24 |
| ana | 9 | 0 40 | 1 18 | 1 57 | 2 37 | 3 16 | 3 56 | 4 35 | 5 16 |
| in | 10 | 0 38 | 1 16 | 1 54 | 2 33 | 3 11 | 3 49 | 4 28 | 5 7 |
| pra | 11 | 0 37 | 1 14 | 1 51 | 2 28 | 3 6 | 3 43 | 4 20 | 4 58 |
| ter | 12 | 0 36 | 1 12 | 1 48 | 2 24 | 3 0 | 3 36 | 4 12 | 4 49 |
| ram | 13 | 0 35 | 1 9 | 1 44 | 2 19 | 2 55 | 3 30 | 4 5 | 4 40 |
| | 14 | 0 34 | 1 7 | 1 41 | 2 15 | 2 49 | 3 23 | 3 57 | 4 32 |
| Et | 15 | 0 33 | 1 5 | 1 38 | 2 11 | 2 43 | 3 16 | 3 49 | 4 22 |
| Se | 16 | 0 32 | 1 3 | 1 34 | 2 6 | 2 38 | 3 9 | 3 41 | 4 13 |
| pten | 17 | 0 31 | 1 0 | 1 31 | 2 1 | 2 32 | 3 3 | 3 33 | 4 4 |
| trio | 18 | 0 30 | 0 58 | 1 27 | 1 57 | 2 26 | 2 56 | 3 25 | 3 55 |
| na | 19 | 0 28 | 0 56 | 1 24 | 1 52 | 2 20 | 2 49 | 3 17 | 3 46 |
| lis | 20 | 0 27 | 0 53 | 1 20 | 1 48 | 2 15 | 2 41 | 3 8 | 3 36 |
| sub | 21 | 0 26 | 0 51 | 1 17 | 1 43 | 2 9 | 2 34 | 3 0 | 3 26 |
| ter | 22 | 0 25 | 0 48 | 1 13 | 1 38 | 2 2 | 2 27 | 2 51 | 3 17 |
| ra | 23 | 0 24 | 0 46 | 1 9 | 1 33 | 1 56 | 2 20 | 2 43 | 3 7 |
| | 24 | 0 22 | 0 44 | 1 6 | 1 28 | 1 50 | 2 12 | 2 34 | 2 57 |
| | 25 | 0 31 | 0 41 | 1 2 | 1 23 | 1 44 | 2 4 | 2 25 | 2 47 |
| | 26 | 0 20 | 0 38 | 0 58 | 1 18 | 1 37 | 1 57 | 2 6 | 2 36 |
| | 27 | 0 18 | 0 36 | 0 54 | 1 12 | 1 31 | 1 49 | 1 2 | 2 26 |
| | 28 | 0 17 | 0 33 | 0 50 | 1 7 | 1 24 | 1 41 | 1 57 | 2 15 |
| | 29 | 0 16 | 0 30 | 0 46 | 1 2 | 1 17 | 1 33 | 1 48 | 2 4 |
| | 30 | 0 14 | 0 28 | 0 42 | 0 56 | 1 10 | 1 24 | 1 38 | 1 53 |
| | 31 | 0 13 | 0 25 | 0 38 | 0 51 | 1 3 | 1 16 | 1 28 | 1 41 |
| | 32 | 0 12 | 0 22 | 0 33 | 0 45 | 0 56 | 1 7 | 1 18 | 1 30 |

Ad .51. Gradus Latitudinis

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

D D 4

Residuum Tabule Positionum

| Elevatio | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | |
|----------|-----|-------|-------|-------|-------|-------|-------|-------|-------|
| B | B m | B m | B m | B m | B m | B m | B m | B m | |
| | 32 | 26 58 | 28 36 | 30 17 | 32 0 | 33 43 | 35 29 | 37 17 | 39 7 |
| | 31 | 26 31 | 28 7 | 29 46 | 31 27 | 33 9 | 34 53 | 36 39 | 38 27 |
| De | 30 | 26 4 | 27 39 | 29 16 | 30 55 | 32 35 | 34 17 | 36 2 | 37 48 |
| cli | 29 | 25 38 | 27 11 | 28 46 | 30 24 | 32 2 | 33 43 | 35 25 | 37 10 |
| na | 28 | 25 12 | 26 44 | 28 17 | 29 54 | 31 30 | 33 9 | 34 50 | 36 32 |
| tio | 27 | 24 47 | 26 17 | 27 49 | 29 24 | 30 59 | 32 35 | 34 15 | 35 56 |
| Se | 26 | 24 22 | 25 51 | 27 22 | 28 54 | 30 29 | 32 3 | 33 41 | 35 20 |
| pten | 25 | 23 58 | 25 25 | 26 54 | 28 26 | 29 58 | 31 31 | 33 7 | 34 45 |
| trio | 24 | 23 34 | 25 0 | 26 27 | 27 57 | 29 28 | 31 0 | 32 34 | 34 10 |
| na | 23 | 23 11 | 24 35 | 26 1 | 27 29 | 28 59 | 30 29 | 32 2 | 33 36 |
| lis | 22 | 22 48 | 24 11 | 25 35 | 27 2 | 28 30 | 29 59 | 31 30 | 33 3 |
| su | 21 | 22 25 | 23 47 | 25 10 | 26 35 | 28 1 | 29 29 | 30 58 | 32 30 |
| pra | 20 | 22 3 | 23 33 | 24 45 | 26 9 | 27 33 | 28 59 | 30 27 | 31 57 |
| ter | 19 | 21 40 | 23 0 | 24 20 | 25 43 | 27 6 | 28 30 | 29 57 | 31 25 |
| ram | 18 | 21 19 | 22 36 | 23 55 | 25 17 | 26 39 | 28 2 | 29 27 | 30 54 |
| | 17 | 20 57 | 22 13 | 23 31 | 24 51 | 26 12 | 27 33 | 28 57 | 30 33 |
| Et | 16 | 20 36 | 21 51 | 23 7 | 24 26 | 25 45 | 27 5 | 28 28 | 29 52 |
| De | 15 | 20 15 | 21 29 | 22 44 | 24 1 | 25 19 | 26 38 | 27 59 | 29 22 |
| ri | 14 | 19 54 | 21 6 | 22 20 | 23 37 | 24 53 | 26 11 | 27 30 | 28 52 |
| di | 13 | 19 33 | 20 45 | 21 57 | 23 12 | 24 27 | 25 44 | 27 2 | 28 22 |
| ana | 12 | 19 13 | 20 33 | 21 34 | 22 48 | 24 2 | 25 17 | 26 34 | 27 52 |
| sub | 11 | 18 52 | 20 1 | 21 11 | 22 24 | 23 36 | 24 50 | 26 6 | 27 23 |
| ter | 10 | 18 32 | 19 40 | 20 49 | 22 0 | 23 11 | 24 22 | 25 38 | 26 54 |
| ra | 9 | 18 12 | 19 19 | 20 26 | 21 36 | 22 46 | 23 57 | 25 11 | 26 25 |
| | 8 | 17 52 | 18 57 | 20 4 | 21 13 | 22 21 | 23 41 | 24 43 | 25 56 |
| | 7 | 17 32 | 18 36 | 19 42 | 20 49 | 21 57 | 23 5 | 24 16 | 25 28 |
| | 6 | 17 12 | 18 15 | 19 20 | 20 26 | 21 32 | 22 39 | 23 49 | 25 0 |
| | 5 | 16 53 | 17 55 | 18 57 | 20 2 | 21 8 | 22 14 | 23 22 | 24 31 |
| | 4 | 16 33 | 17 34 | 18 35 | 19 39 | 20 43 | 21 48 | 22 55 | 24 3 |
| | 3 | 16 14 | 17 13 | 18 14 | 19 16 | 20 19 | 21 23 | 22 28 | 23 35 |
| | 2 | 15 54 | 16 52 | 17 52 | 18 53 | 19 55 | 21 57 | 22 1 | 23 7 |
| | 1 | 15 34 | 16 32 | 17 30 | 18 30 | 19 30 | 20 31 | 21 35 | 22 39 |
| | 0 | 15 15 | 16 11 | 17 8 | 18 7 | 19 6 | 20 6 | 21 8 | 22 11 |

Ad .51. Gradus Latitudinis

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

Residuum Tabule Positionum

| | Latitudo 18 | | 19 | | 20 | | 21 | | 22 | | 23 | | 24 | | 25 | |
|------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | S | S m | S m | S m | S m | S m | S m | S m | S m | S m | S m | S m | S m | S m | S m | S m |
| | 0 | 15 15 | 16 11 | 17 8 | 18 7 | 19 6 | 20 6 | 21 8 | 22 11 | 23 14 | 24 18 | 25 22 | 26 27 | 27 32 | 28 38 | 29 44 |
| | 1 | 14 56 | 15 50 | 16 46 | 17 44 | 18 42 | 19 41 | 20 41 | 21 43 | 22 46 | 23 50 | 24 54 | 25 59 | 26 64 | 27 70 | 28 76 |
| De | 2 | 14 36 | 15 30 | 16 24 | 17 21 | 18 17 | 19 15 | 20 15 | 21 17 | 22 20 | 23 24 | 24 28 | 25 33 | 26 38 | 27 44 | 28 50 |
| cli | 3 | 14 16 | 15 9 | 16 2 | 16 58 | 17 53 | 18 49 | 19 48 | 20 47 | 21 47 | 22 48 | 23 50 | 24 52 | 25 54 | 26 57 | 27 60 |
| na | 4 | 13 57 | 14 48 | 15 41 | 16 35 | 17 29 | 18 24 | 19 21 | 20 19 | 21 18 | 22 18 | 23 19 | 24 20 | 25 21 | 26 22 | 27 23 |
| tio | 5 | 13 37 | 14 27 | 15 19 | 16 12 | 17 4 | 17 58 | 18 54 | 19 51 | 20 48 | 21 46 | 22 44 | 23 43 | 24 42 | 25 41 | 26 40 |
| Me | 6 | 13 18 | 14 7 | 14 56 | 15 48 | 16 40 | 17 33 | 18 27 | 19 22 | 20 18 | 21 15 | 22 12 | 23 10 | 24 9 | 25 8 | 26 7 |
| ri | 7 | 12 58 | 13 46 | 14 34 | 15 25 | 16 15 | 17 7 | 18 0 | 18 54 | 19 51 | 20 48 | 21 46 | 22 44 | 23 43 | 24 42 | 25 41 |
| di | 8 | 12 38 | 13 25 | 14 12 | 15 1 | 15 51 | 16 41 | 17 33 | 18 26 | 19 21 | 20 17 | 21 14 | 22 11 | 23 9 | 24 8 | 25 7 |
| ana | 9 | 12 18 | 13 3 | 13 50 | 14 38 | 15 26 | 16 15 | 17 5 | 17 57 | 18 48 | 19 41 | 20 35 | 21 30 | 22 26 | 23 22 | 24 19 |
| lu | 10 | 11 58 | 12 42 | 13 27 | 14 14 | 15 1 | 15 48 | 16 38 | 17 28 | 18 20 | 19 14 | 20 9 | 21 5 | 22 2 | 23 0 | 24 0 |
| pra | 11 | 11 38 | 12 21 | 13 5 | 13 50 | 14 36 | 15 22 | 16 10 | 16 59 | 17 50 | 18 43 | 19 37 | 20 32 | 21 28 | 22 24 | 23 21 |
| ter | 12 | 11 17 | 11 59 | 12 42 | 13 26 | 14 10 | 14 55 | 15 42 | 16 30 | 17 21 | 18 14 | 19 8 | 20 3 | 21 0 | 22 0 | 23 0 |
| ram | 13 | 10 57 | 11 31 | 12 19 | 13 2 | 13 45 | 14 28 | 15 14 | 16 0 | 16 53 | 17 48 | 18 44 | 19 40 | 20 37 | 21 34 | 22 31 |
| | 14 | 10 36 | 11 16 | 11 56 | 12 37 | 13 19 | 14 1 | 14 46 | 15 30 | 16 26 | 17 23 | 18 20 | 19 18 | 20 16 | 21 14 | 22 12 |
| Et | 15 | 10 15 | 10 53 | 11 32 | 12 13 | 12 53 | 13 34 | 14 17 | 15 0 | 15 50 | 16 47 | 17 45 | 18 43 | 19 42 | 20 41 | 21 40 |
| Se | 16 | 9 55 | 10 31 | 11 9 | 11 48 | 12 27 | 13 7 | 13 48 | 14 30 | 15 26 | 16 23 | 17 21 | 18 19 | 19 18 | 20 17 | 21 16 |
| pten | 17 | 9 33 | 10 9 | 10 45 | 11 23 | 12 0 | 12 39 | 13 19 | 13 59 | 14 50 | 15 43 | 16 37 | 17 32 | 18 28 | 19 25 | 20 22 |
| trio | 18 | 9 11 | 9 46 | 10 21 | 10 57 | 11 33 | 12 10 | 12 49 | 13 28 | 14 20 | 15 14 | 16 9 | 17 5 | 18 2 | 19 0 | 20 0 |
| na | 19 | 8 55 | 9 22 | 9 56 | 10 31 | 11 6 | 11 42 | 12 19 | 12 57 | 13 50 | 14 45 | 15 40 | 16 36 | 17 33 | 18 30 | 19 27 |
| lis | 20 | 8 28 | 8 59 | 9 31 | 10 5 | 10 39 | 11 13 | 11 49 | 12 25 | 13 20 | 14 16 | 15 13 | 16 10 | 17 8 | 18 6 | 19 5 |
| sub | 21 | 8 5 | 8 35 | 9 6 | 9 39 | 10 11 | 10 43 | 11 18 | 11 52 | 12 48 | 13 45 | 14 43 | 15 41 | 16 40 | 17 39 | 18 38 |
| ter | 22 | 7 42 | 8 11 | 8 41 | 9 12 | 9 42 | 10 13 | 10 49 | 11 19 | 12 16 | 13 14 | 14 13 | 15 12 | 16 11 | 17 10 | 18 10 |
| ra | 23 | 7 19 | 7 47 | 8 15 | 8 45 | 9 13 | 9 43 | 10 14 | 10 46 | 11 33 | 12 31 | 13 30 | 14 29 | 15 28 | 16 27 | 17 27 |
| | 24 | 6 56 | 7 22 | 7 49 | 8 17 | 8 44 | 9 12 | 9 42 | 10 12 | 10 50 | 11 49 | 12 48 | 13 47 | 14 47 | 15 47 | 16 47 |
| | 25 | 6 32 | 6 57 | 7 22 | 7 48 | 8 14 | 8 41 | 9 9 | 9 37 | 10 26 | 11 26 | 12 26 | 13 26 | 14 26 | 15 26 | 16 26 |
| | 26 | 6 8 | 6 31 | 6 54 | 7 20 | 7 44 | 8 9 | 8 35 | 9 2 | 10 12 | 11 13 | 12 14 | 13 15 | 14 16 | 15 17 | 16 18 |
| | 27 | 5 43 | 6 5 | 6 27 | 6 50 | 7 13 | 7 37 | 8 1 | 8 26 | 9 18 | 10 20 | 11 22 | 12 24 | 13 26 | 14 28 | 15 30 |
| | 28 | 5 18 | 5 38 | 5 59 | 6 20 | 6 42 | 7 3 | 7 26 | 7 50 | 8 44 | 9 48 | 10 53 | 11 58 | 12 63 | 13 68 | 14 73 |
| | 29 | 4 52 | 5 11 | 5 30 | 5 50 | 6 10 | 6 29 | 6 51 | 7 12 | 7 42 | 8 13 | 8 44 | 9 16 | 9 48 | 10 20 | 10 52 |
| | 30 | 4 26 | 4 43 | 5 0 | 5 19 | 5 37 | 5 55 | 6 14 | 6 34 | 6 54 | 7 15 | 7 37 | 7 58 | 8 20 | 8 42 | 9 04 |
| | 31 | 3 59 | 4 15 | 4 30 | 4 47 | 5 3 | 5 19 | 5 37 | 5 55 | 6 14 | 6 34 | 6 55 | 7 16 | 7 38 | 7 59 | 8 21 |
| | 32 | 3 32 | 3 46 | 3 59 | 4 14 | 4 29 | 4 43 | 4 59 | 5 15 | 5 36 | 5 57 | 6 18 | 6 40 | 7 02 | 7 24 | 7 46 |

Ad .51. Gradus Latitudinis

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

Residuum Tabule Positionum

| | 35 | | 36 | | 37 | | 38 | | 39 | | 40 | | 41 | | 42 | |
|-----|----|-------|-------|-------|-------|-------|-------|-------|-------|-----|-----|-----|-----|-----|-----|-----|
| | B | B m | B m | B m | B m | B m | B m | B m | B m | B m | B m | B m | B m | B m | B m | B m |
| | 32 | 60 30 | 62 2 | 65 41 | 68 28 | 71 23 | 74 25 | 77 39 | 81 3 | | | | | | | |
| | 31 | 59 26 | 61 55 | 64 31 | 67 15 | 70 6 | 73 5 | 76 14 | 79 34 | | | | | | | |
| De | 30 | 58 24 | 60 50 | 63 23 | 66 4 | 68 51 | 71 47 | 74 52 | 78 8 | | | | | | | |
| | 29 | 57 23 | 59 47 | 62 17 | 64 55 | 67 39 | 70 31 | 73 33 | 76 46 | | | | | | | |
| cli | 28 | 56 24 | 58 45 | 61 13 | 63 48 | 66 29 | 69 18 | 72 16 | 75 25 | | | | | | | |
| | 27 | 55 27 | 57 46 | 60 11 | 62 43 | 65 21 | 68 7 | 71 2 | 74 7 | | | | | | | |
| na | 26 | 54 31 | 56 47 | 59 10 | 61 39 | 64 15 | 66 58 | 69 50 | 72 52 | | | | | | | |
| | 25 | 53 36 | 55 50 | 58 10 | 60 36 | 63 10 | 65 50 | 68 40 | 71 39 | | | | | | | |
| tio | 24 | 52 43 | 54 54 | 57 12 | 59 36 | 62 7 | 64 44 | 67 31 | 70 27 | | | | | | | |
| | 23 | 51 50 | 54 0 | 56 15 | 58 37 | 61 5 | 63 40 | 66 24 | 69 17 | | | | | | | |
| lis | 22 | 51 0 | 53 7 | 55 20 | 57 39 | 60 5 | 62 37 | 65 19 | 68 9 | | | | | | | |
| | 21 | 50 9 | 52 14 | 54 25 | 56 42 | 59 6 | 61 35 | 64 15 | 67 2 | | | | | | | |
| pra | 20 | 49 19 | 51 22 | 53 31 | 55 46 | 58 7 | 60 35 | 63 12 | 65 57 | | | | | | | |
| | 19 | 48 30 | 50 31 | 52 38 | 54 51 | 57 10 | 59 36 | 62 10 | 64 53 | | | | | | | |
| ter | 18 | 47 42 | 49 41 | 51 46 | 53 57 | 56 14 | 58 37 | 61 9 | 63 50 | | | | | | | |
| | 17 | 46 55 | 48 52 | 50 55 | 53 4 | 55 19 | 57 40 | 60 10 | 62 48 | | | | | | | |
| Et | 16 | 46 8 | 48 4 | 50 5 | 52 12 | 54 25 | 56 43 | 59 11 | 61 47 | | | | | | | |
| | 15 | 45 22 | 47 16 | 49 15 | 51 20 | 53 31 | 55 48 | 58 13 | 60 47 | | | | | | | |
| ri | 14 | 44 36 | 46 28 | 48 26 | 50 29 | 52 38 | 54 53 | 57 16 | 59 47 | | | | | | | |
| | 13 | 43 51 | 45 41 | 47 37 | 49 39 | 51 45 | 53 58 | 56 20 | 58 49 | | | | | | | |
| di | 12 | 43 7 | 44 55 | 46 49 | 48 49 | 50 54 | 53 4 | 55 24 | 57 51 | | | | | | | |
| | 11 | 42 22 | 44 9 | 46 1 | 47 59 | 50 2 | 52 11 | 54 29 | 56 54 | | | | | | | |
| ana | 10 | 41 39 | 43 24 | 45 14 | 47 10 | 49 12 | 51 18 | 53 34 | 55 57 | | | | | | | |
| | 9 | 40 55 | 42 38 | 44 27 | 46 21 | 48 21 | 50 26 | 52 40 | 55 1 | | | | | | | |
| sub | 8 | 40 12 | 41 54 | 43 41 | 45 33 | 47 31 | 49 34 | 51 46 | 54 5 | | | | | | | |
| | 7 | 39 29 | 41 9 | 42 45 | 44 45 | 46 41 | 48 43 | 50 53 | 53 10 | | | | | | | |
| ter | 6 | 38 36 | 40 25 | 42 9 | 43 58 | 45 52 | 47 52 | 50 0 | 52 15 | | | | | | | |
| | 5 | 38 4 | 39 41 | 41 23 | 43 10 | 45 3 | 47 1 | 49 7 | 51 20 | | | | | | | |
| ra | 4 | 37 27 | 38 57 | 40 37 | 42 23 | 44 14 | 46 10 | 48 14 | 50 26 | | | | | | | |
| | 3 | 36 39 | 38 13 | 39 52 | 41 36 | 43 25 | 45 19 | 47 22 | 49 31 | | | | | | | |
| | 2 | 35 57 | 37 29 | 39 7 | 40 49 | 42 36 | 44 29 | 46 29 | 48 37 | | | | | | | |
| | 1 | 35 15 | 36 46 | 38 21 | 40 2 | 41 48 | 43 38 | 45 37 | 47 43 | | | | | | | |
| | 0 | 34 33 | 36 2 | 37 36 | 39 15 | 40 59 | 42 48 | 44 45 | 46 49 | | | | | | | |

Ad .51. Gradus Latitudinis

| Poli | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 |
|------|-------|-------|-------|-------|--------|--------|--------|--------|--------|
| B | B m | B m | B m | B m | B m | B m | B m | B m | B m |
| 32 | 84 40 | 88 34 | 92 44 | 97 18 | 102 20 | 108 1 | 114 38 | 122 57 | 140 39 |
| 31 | 83 7 | 86 55 | 91 0 | 95 28 | 100 23 | 105 56 | 112 25 | 120 33 | 137 58 |
| 30 | 81 37 | 85 20 | 89 20 | 93 42 | 98 31 | 103 57 | 110 18 | 118 18 | 135 29 |
| 29 | 80 10 | 83 49 | 87 44 | 92 1 | 96 44 | 102 4 | 108 18 | 116 10 | 133 12 |
| 28 | 78 46 | 82 21 | 86 11 | 90 24 | 95 2 | 100 16 | 106 24 | 114 8 | 131 2 |
| 27 | 77 24 | 80 56 | 84 42 | 88 50 | 93 23 | 98 32 | 104 34 | 112 12 | 129 0 |
| 26 | 76 5 | 79 33 | 83 15 | 87 19 | 91 48 | 96 52 | 102 49 | 110 21 | 127 2 |
| 25 | 74 49 | 78 13 | 81 52 | 85 51 | 90 16 | 95 16 | 101 7 | 108 35 | 125 10 |
| 24 | 73 34 | 76 55 | 80 30 | 84 26 | 88 47 | 93 42 | 99 29 | 106 52 | 123 21 |
| 23 | 72 21 | 75 39 | 79 11 | 83 4 | 87 21 | 92 12 | 97 55 | 105 12 | 121 37 |
| 22 | 71 10 | 74 25 | 77 54 | 81 43 | 85 56 | 90 44 | 96 23 | 103 36 | 119 56 |
| 21 | 70 1 | 73 13 | 76 38 | 80 24 | 84 34 | 89 18 | 94 53 | 102 3 | 118 18 |
| 20 | 68 52 | 72 2 | 75 25 | 79 7 | 83 14 | 87 55 | 93 26 | 100 31 | 116 43 |
| 19 | 67 45 | 70 52 | 74 13 | 77 52 | 81 56 | 86 33 | 92 1 | 99 3 | 115 10 |
| 18 | 66 40 | 69 44 | 73 2 | 76 39 | 80 39 | 85 13 | 90 38 | 97 36 | 113 39 |
| 17 | 65 36 | 68 37 | 71 52 | 75 26 | 79 24 | 83 55 | 89 17 | 96 11 | 112 11 |
| 16 | 64 33 | 67 32 | 70 44 | 74 15 | 78 10 | 82 38 | 87 57 | 94 48 | 110 44 |
| 15 | 63 30 | 66 27 | 69 36 | 73 6 | 76 58 | 81 23 | 86 38 | 93 26 | 109 19 |
| 14 | 62 29 | 65 23 | 68 30 | 71 57 | 75 46 | 80 9 | 85 21 | 92 6 | 107 56 |
| 13 | 61 28 | 64 20 | 67 25 | 70 49 | 74 36 | 78 55 | 84 5 | 90 47 | 106 34 |
| 12 | 60 28 | 63 18 | 66 20 | 69 42 | 73 27 | 77 43 | 82 50 | 89 29 | 105 13 |
| 11 | 59 29 | 62 16 | 65 17 | 68 36 | 72 18 | 76 32 | 81 36 | 88 13 | 103 53 |
| 10 | 58 30 | 61 15 | 64 13 | 67 30 | 71 10 | 75 22 | 80 23 | 86 57 | 102 35 |
| 9 | 57 32 | 60 15 | 63 11 | 66 25 | 70 3 | 74 12 | 79 11 | 85 42 | 101 17 |
| 8 | 56 34 | 59 15 | 62 9 | 65 21 | 68 56 | 73 3 | 77 59 | 84 27 | 100 0 |
| 7 | 55 36 | 58 16 | 61 7 | 64 17 | 67 50 | 71 54 | 76 48 | 83 14 | 98 43 |
| 6 | 54 39 | 57 17 | 60 6 | 63 14 | 66 44 | 70 46 | 75 38 | 82 1 | 97 27 |
| 5 | 53 43 | 56 18 | 59 5 | 62 11 | 65 39 | 69 39 | 74 28 | 80 48 | 96 12 |
| 4 | 52 46 | 55 19 | 58 5 | 61 8 | 64 34 | 68 31 | 73 18 | 79 36 | 94 57 |
| 3 | 51 50 | 54 21 | 57 4 | 60 6 | 63 29 | 67 24 | 72 8 | 78 24 | 93 43 |
| 2 | 50 54 | 53 23 | 56 4 | 59 3 | 62 25 | 66 17 | 70 59 | 77 12 | 92 28 |
| 1 | 49 58 | 52 25 | 55 4 | 58 1 | 61 20 | 65 11 | 69 50 | 76 1 | 91 14 |
| 0 | 48 2 | 51 27 | 54 4 | 56 59 | 60 16 | 64 4 | 68 41 | 74 49 | 90 0 |

Residuum Tabule Positionum

| Latitudo | | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | |
|----------|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | S | S m | S m | S m | S m | S m | S m | S m | |
| | | 0 | 34 33 | 36 2 | 37 36 | 39 15 | 40 59 | 42 48 | 44 45 | 46 49 |
| | | 1 | 33 51 | 35 18 | 36 51 | 38 28 | 40 10 | 41 58 | 44 53 | 45 55 |
| De | 2 | 33 9 | 34 35 | 36 5 | 37 41 | 39 22 | 41 7 | 43 1 | 45 1 | |
| | 3 | 32 27 | 33 51 | 35 20 | 36 54 | 38 33 | 40 17 | 42 8 | 44 7 | |
| na | 4 | 31 45 | 33 7 | 34 35 | 36 7 | 37 44 | 39 16 | 41 16 | 43 12 | |
| | 5 | 31 2 | 32 23 | 33 49 | 35 20 | 36 55 | 38 35 | 40 23 | 42 18 | |
| De | 6 | 30 20 | 31 39 | 33 3 | 34 32 | 36 6 | 37 44 | 39 30 | 41 23 | |
| | 7 | 29 37 | 30 55 | 32 17 | 33 45 | 35 17 | 36 53 | 38 37 | 40 28 | |
| ri | 8 | 28 54 | 30 10 | 31 31 | 32 57 | 34 27 | 36 2 | 37 44 | 39 33 | |
| | 9 | 28 11 | 29 26 | 31 45 | 32 9 | 33 37 | 35 10 | 36 50 | 38 37 | |
| di | 10 | 27 27 | 28 40 | 29 58 | 31 20 | 32 46 | 34 18 | 35 56 | 37 41 | |
| | 11 | 26 44 | 27 55 | 29 11 | 30 31 | 31 56 | 33 25 | 35 1 | 36 44 | |
| su | 12 | 25 59 | 27 9 | 28 23 | 29 41 | 31 4 | 32 32 | 34 6 | 35 47 | |
| | 13 | 25 15 | 26 23 | 27 35 | 28 51 | 30 13 | 31 38 | 33 10 | 34 49 | |
| pra | 14 | 24 30 | 25 36 | 26 46 | 28 1 | 29 20 | 30 43 | 32 14 | 33 51 | |
| | 15 | 23 44 | 24 48 | 25 57 | 27 10 | 28 27 | 29 48 | 31 17 | 32 51 | |
| ter | 16 | 22 58 | 24 0 | 25 7 | 26 18 | 27 33 | 28 53 | 30 19 | 31 51 | |
| | 17 | 22 11 | 23 12 | 24 17 | 25 26 | 26 39 | 27 56 | 29 20 | 30 50 | |
| am | 18 | 21 24 | 22 23 | 23 16 | 24 33 | 25 44 | 26 59 | 28 21 | 29 48 | |
| | 19 | 20 36 | 21 33 | 22 34 | 23 39 | 24 48 | 26 0 | 27 20 | 28 45 | |
| Et | 20 | 19 47 | 20 42 | 21 41 | 22 44 | 23 51 | 25 1 | 26 18 | 27 41 | |
| | 21 | 18 57 | 19 50 | 20 47 | 21 48 | 22 52 | 24 1 | 25 15 | 26 36 | |
| Se | 22 | 18 6 | 18 57 | 19 52 | 20 51 | 21 53 | 22 59 | 24 11 | 25 29 | |
| | 23 | 17 16 | 18 4 | 18 57 | 19 53 | 20 53 | 21 56 | 23 6 | 24 21 | |
| pten | 24 | 16 23 | 17 10 | 18 0 | 18 54 | 19 51 | 20 52 | 21 59 | 23 11 | |
| | 25 | 15 30 | 16 14 | 17 2 | 17 54 | 18 48 | 19 46 | 20 50 | 21 59 | |
| trio | 26 | 14 35 | 15 17 | 16 2 | 16 51 | 17 43 | 18 38 | 19 40 | 20 46 | |
| | 27 | 13 39 | 14 18 | 15 1 | 15 47 | 16 37 | 17 29 | 18 28 | 19 31 | |
| na | 28 | 12 42 | 13 19 | 13 59 | 14 42 | 15 29 | 16 18 | 17 14 | 18 13 | |
| | 29 | 11 43 | 12 17 | 12 55 | 13 35 | 14 19 | 15 5 | 15 57 | 16 52 | |
| lis | 30 | 10 42 | 11 14 | 11 49 | 12 26 | 13 2 | 13 49 | 14 38 | 15 30 | |
| | 31 | 9 40 | 10 9 | 10 41 | 11 15 | 11 52 | 12 31 | 13 16 | 14 4 | |
| sub | 32 | 8 36 | 9 2 | 9 31 | 10 2 | 10 35 | 11 11 | 11 51 | 12 35 | |
| | | | | | | | | | | |

Ed .51. Gradus Latitudinis

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

Tabula Positionum Generalis

| Latitudo | | 60 | 59 | 58 | 57 | 56 | 55 | 54 |
|----------|----|-------|-------|-------|-------|-------|-------|-------|
| D | | B m | B m | B m | B m | B m | B m | B m |
| | 1 | 0 35 | 0 36 | 0 37 | 0 39 | 0 40 | 0 42 | 0 44 |
| | 2 | 1 9 | 1 12 | 1 15 | 1 18 | 1 21 | 1 24 | 1 27 |
| | 3 | 1 44 | 1 48 | 1 53 | 1 57 | 2 2 | 2 6 | 2 11 |
| | 4 | 2 19 | 2 24 | 2 30 | 2 36 | 2 42 | 2 48 | 2 55 |
| | 5 | 2 54 | 3 1 | 3 8 | 3 15 | 3 23 | 3 31 | 3 39 |
| | 6 | 3 29 | 3 37 | 3 46 | 3 55 | 4 4 | 4 13 | 4 23 |
| | 7 | 4 4 | 4 14 | 4 24 | 4 34 | 4 45 | 4 56 | 5 7 |
| Ele | 8 | 4 39 | 4 51 | 5 2 | 5 14 | 5 26 | 5 39 | 5 52 |
| ua | 9 | 5 15 | 5 28 | 5 41 | 5 54 | 6 8 | 6 22 | 6 36 |
| tio | 10 | 5 51 | 6 5 | 6 20 | 6 35 | 6 50 | 7 6 | 7 22 |
| po | 11 | 6 27 | 6 42 | 6 59 | 7 15 | 7 32 | 7 49 | 8 7 |
| li | 12 | 7 3 | 7 20 | 7 38 | 7 56 | 8 15 | 8 34 | 8 53 |
| su | 13 | 7 40 | 7 58 | 8 18 | 8 37 | 8 58 | 9 18 | 9 39 |
| pra | 14 | 8 17 | 8 37 | 8 8 | 9 19 | 9 41 | 10 3 | 10 26 |
| cir | 15 | 8 54 | 9 16 | 9 38 | 10 1 | 10 25 | 10 49 | 11 14 |
| cu | 16 | 9 32 | 9 55 | 10 19 | 10 44 | 11 9 | 11 35 | 12 1 |
| lum | 17 | 10 10 | 10 35 | 11 1 | 11 27 | 11 54 | 12 22 | 12 50 |
| po | 18 | 10 49 | 11 16 | 11 43 | 12 11 | 12 40 | 13 9 | 13 39 |
| fi | 19 | 11 28 | 11 56 | 12 25 | 12 55 | 13 26 | 13 57 | 14 29 |
| tio | 20 | 12 8 | 12 38 | 13 9 | 13 40 | 14 13 | 14 46 | 15 20 |
| nis | 21 | 12 48 | 13 20 | 13 53 | 14 26 | 15 0 | 15 36 | 16 12 |
| | 22 | 13 29 | 14 3 | 14 37 | 15 13 | 15 49 | 16 26 | 17 4 |
| | 23 | 14 11 | 14 57 | 15 23 | 16 0 | 16 38 | 17 17 | 17 58 |
| | 24 | 14 54 | 15 31 | 16 9 | 16 48 | 17 29 | 18 10 | 18 52 |
| | 25 | 15 37 | 16 16 | 16 56 | 17 38 | 18 20 | 19 3 | 19 48 |
| | 26 | 16 21 | 17 2 | 17 45 | 18 28 | 19 12 | 19 58 | 20 45 |
| | 27 | 17 6 | 17 50 | 18 34 | 19 19 | 20 6 | 20 54 | 21 44 |
| | 28 | 17 53 | 18 38 | 19 24 | 20 12 | 21 1 | 21 51 | 22 43 |
| | 29 | 18 40 | 19 27 | 20 16 | 21 6 | 21 57 | 22 50 | 23 45 |
| | 30 | 19 28 | 20 18 | 21 9 | 22 1 | 22 55 | 23 51 | 24 48 |

Positionum Generalis

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

D P I

Residuum Tabule

| Latitudo | 53 | 52 | 51 | 50 | 49 | 48 | 47 |
|----------|-------|-------|-------|-------|-------|-------|-------|
| B | B m | B m | B m | B m | B m | B m | B m |
| 1 | 0 45 | 0 47 | 0 49 | 0 50 | 0 52 | 0 54 | 0 56 |
| 2 | 1 30 | 1 34 | 1 37 | 1 41 | 1 44 | 1 48 | 1 52 |
| 3 | 2 16 | 2 21 | 2 26 | 2 31 | 2 37 | 2 42 | 2 48 |
| 4 | 3 1 | 3 8 | 3 15 | 3 22 | 3 29 | 3 37 | 3 44 |
| Ele | 3 47 | 3 55 | 4 4 | 4 13 | 4 22 | 4 31 | 4 41 |
| ua | 4 33 | 4 43 | 4 53 | 5 4 | 5 15 | 5 26 | 5 37 |
| tio | 5 19 | 5 30 | 5 42 | 5 55 | 6 8 | 6 21 | 6 34 |
| po | 6 5 | 6 18 | 6 32 | 6 46 | 7 1 | 7 16 | 7 32 |
| li | 6 51 | 7 6 | 7 22 | 7 38 | 7 55 | 8 12 | 8 30 |
| fu | 7 38 | 7 55 | 8 13 | 8 30 | 8 49 | 9 8 | 9 28 |
| pra | 8 25 | 8 44 | 9 3 | 9 23 | 9 44 | 10 5 | 10 27 |
| cir | 9 13 | 9 34 | 9 55 | 10 16 | 10 39 | 11 2 | 11 26 |
| cu | 10 1 | 10 24 | 10 46 | 11 10 | 11 35 | 12 0 | 12 26 |
| lum | 10 50 | 11 14 | 11 39 | 12 5 | 12 31 | 12 58 | 13 27 |
| po | 11 39 | 12 5 | 12 32 | 13 0 | 13 28 | 13 58 | 14 28 |
| fi | 12 29 | 12 57 | 13 26 | 13 55 | 14 26 | 14 58 | 15 31 |
| tio | 13 19 | 13 49 | 14 20 | 14 52 | 15 25 | 15 59 | 16 34 |
| nis | 14 10 | 14 42 | 15 15 | 15 49 | 16 24 | 17 1 | 17 38 |
| 19 | 15 2 | 15 36 | 16 11 | 16 48 | 17 25 | 18 4 | 18 44 |
| 20 | 15 55 | 16 31 | 17 8 | 17 47 | 18 27 | 19 8 | 19 50 |
| 21 | 16 49 | 17 27 | 18 7 | 18 47 | 19 30 | 20 13 | 20 59 |
| 22 | 17 44 | 18 24 | 19 6 | 19 49 | 20 34 | 21 20 | 22 8 |
| 23 | 18 39 | 19 22 | 20 6 | 20 52 | 21 39 | 22 28 | 23 19 |
| 24 | 19 36 | 20 21 | 21 8 | 21 56 | 22 46 | 23 38 | 24 32 |
| 25 | 20 34 | 21 22 | 22 11 | 23 2 | 23 55 | 24 50 | 25 47 |
| 26 | 21 34 | 22 24 | 23 16 | 24 9 | 25 5 | 26 3 | 27 3 |
| 27 | 22 35 | 23 28 | 24 22 | 25 19 | 26 17 | 27 18 | 28 24 |
| 28 | 23 37 | 24 33 | 25 30 | 26 30 | 27 32 | 28 36 | 29 44 |
| 29 | 24 41 | 25 40 | 26 40 | 27 43 | 28 48 | 29 56 | 31 8 |
| 30 | 25 47 | 26 49 | 27 52 | 28 59 | 30 7 | 31 19 | 32 34 |

Positionum Generalis

| | 53 | | 52 | | 51 | | 50 | | 49 | | 48 | | 47 regiois | |
|----|----|----|----|----|----|----|----|----|----|----|----|----|------------|----|
| D | B | m | B | m | B | m | B | m | B | m | B | m | B | m |
| 31 | 26 | 55 | 28 | 0 | 29 | 7 | 30 | 17 | 31 | 29 | 32 | 45 | 34 | 5 |
| 32 | 28 | 5 | 29 | 13 | 30 | 34 | 31 | 37 | 32 | 54 | 34 | 14 | 35 | 38 |
| 33 | 29 | 18 | 30 | 29 | 31 | 44 | 33 | 1 | 34 | 22 | 35 | 47 | 37 | 16 |
| 34 | 30 | 33 | 31 | 48 | 33 | 6 | 34 | 28 | 35 | 54 | 37 | 24 | 38 | 59 |
| 35 | 31 | 51 | 33 | 10 | 34 | 33 | 35 | 59 | 37 | 30 | 39 | 5 | 40 | 46 |
| 36 | 33 | 12 | 34 | 35 | 36 | 2 | 37 | 34 | 39 | 10 | 40 | 51 | 42 | 39 |
| 37 | 34 | 36 | 36 | 4 | 37 | 36 | 39 | 13 | 40 | 55 | 42 | 44 | 44 | 39 |
| 38 | 36 | 4 | 37 | 37 | 39 | 15 | 40 | 58 | 42 | 47 | 44 | 42 | 46 | 46 |
| 39 | 37 | 36 | 39 | 15 | 40 | 59 | 42 | 48 | 44 | 45 | 46 | 49 | 49 | 2 |
| 40 | 39 | 13 | 40 | 58 | 42 | 48 | 44 | 45 | 46 | 50 | 49 | 4 | 51 | 29 |
| 41 | 40 | 45 | 42 | 47 | 44 | 45 | 46 | 50 | 49 | 5 | 51 | 31 | 54 | 10 |
| 42 | 42 | 44 | 44 | 42 | 46 | 49 | 49 | 4 | 51 | 29 | 54 | 10 | 57 | 6 |
| 43 | 44 | 39 | 46 | 46 | 49 | 2 | 51 | 29 | 54 | 10 | 57 | 6 | 60 | 25 |
| 44 | 46 | 42 | 48 | 59 | 51 | 27 | 54 | 8 | 57 | 5 | 60 | 24 | 64 | 14 |
| 45 | 48 | 54 | 51 | 23 | 54 | 4 | 57 | 3 | 60 | 23 | 64 | 13 | 68 | 50 |
| 46 | 51 | 17 | 54 | 0 | 56 | 59 | 60 | 20 | 64 | 11 | 68 | 48 | 74 | 56 |
| 47 | 53 | 55 | 56 | 55 | 69 | 16 | 64 | 8 | 68 | 47 | 74 | 55 | 90 | 0 |
| 48 | 56 | 49 | 60 | 12 | 64 | 4 | 68 | 44 | 74 | 54 | 90 | 0 | | |
| 49 | 60 | 6 | 64 | 0 | 68 | 41 | 74 | 51 | 90 | 0 | | | | |
| 50 | 63 | 54 | 68 | 37 | 74 | 49 | 90 | 0 | | | | | | |
| 51 | 68 | 32 | 74 | 45 | 90 | 0 | | | | | | | | |
| 52 | 74 | 42 | 90 | 0 | | | | | | | | | | |
| 53 | 90 | 0 | | | | | | | | | | | | |

Residuum Tabule

| Latitudo | 46 | 45 | 44 | 43 | 42 | 41 | 40 |
|----------|------|-------|-------|-------|-------|-------|-------|
| B | B m | B m | B m | B m | B m | B m | B m |
| 1 | 0 58 | 1 0 | 1 2 | 1 4 | 1 7 | 1 9 | 1 12 |
| 2 | 1 56 | 2 0 | 2 4 | 2 9 | 2 13 | 2 18 | 2 23 |
| 3 | 2 54 | 3 0 | 3 7 | 3 13 | 3 20 | 3 27 | 3 35 |
| 4 | 3 52 | 4 1 | 4 9 | 4 18 | 4 27 | 4 37 | 4 47 |
| Ele | | | | | | | |
| ua | 5 | 4 51 | 5 1 | 5 12 | 5 23 | 5 35 | 5 47 |
| | 6 | 5 50 | 6 2 | 6 15 | 6 28 | 6 42 | 6 57 |
| no | 7 | 6 49 | 7 3 | 7 18 | 7 34 | 7 50 | 8 7 |
| po | 8 | 7 48 | 8 5 | 8 22 | 8 40 | 8 59 | 9 18 |
| li | 9 | 8 48 | 9 7 | 9 26 | 9 47 | 10 8 | 10 30 |
| su | 10 | 9 48 | 10 9 | 10 31 | 10 54 | 11 18 | 11 42 |
| pra | 11 | 10 49 | 11 13 | 11 37 | 12 2 | 12 28 | 12 55 |
| cir | 12 | 11 51 | 12 16 | 12 43 | 13 11 | 13 39 | 14 9 |
| cu | 13 | 12 53 | 13 21 | 13 50 | 14 20 | 14 51 | 15 24 |
| lum | 14 | 13 56 | 14 26 | 14 58 | 15 30 | 16 5 | 16 40 |
| po | 15 | 15 0 | 15 32 | 16 6 | 16 42 | 17 19 | 17 57 |
| fi | 16 | 16 5 | 16 40 | 17 16 | 17 54 | 18 34 | 19 16 |
| tio | 17 | 17 10 | 17 48 | 18 27 | 19 8 | 19 51 | 20 35 |
| nis | 18 | 18 17 | 18 58 | 19 40 | 20 23 | 21 9 | 21 57 |
| | 19 | 19 25 | 20 8 | 20 53 | 21 40 | 22 29 | 23 20 |
| | 20 | 20 35 | 21 21 | 22 8 | 22 58 | 23 51 | 24 45 |
| | 21 | 21 46 | 22 34 | 23 25 | 24 19 | 25 14 | 26 12 |
| | 22 | 22 58 | 23 50 | 24 44 | 25 40 | 26 40 | 27 42 |
| | 23 | 24 12 | 25 7 | 26 5 | 27 5 | 28 8 | 29 14 |
| | 24 | 25 28 | 26 26 | 27 27 | 28 31 | 29 38 | 30 48 |
| | 25 | 26 46 | 28 48 | 28 52 | 30 0 | 31 11 | 32 26 |
| | 26 | 28 6 | 29 11 | 30 20 | 31 32 | 32 48 | 34 8 |
| | 27 | 29 29 | 30 38 | 31 51 | 33 7 | 34 28 | 35 53 |
| | 28 | 30 54 | 32 7 | 33 24 | 34 46 | 36 12 | 37 43 |
| | 29 | 32 22 | 33 40 | 35 2 | 36 28 | 38 0 | 39 47 |
| | 30 | 33 53 | 35 16 | 36 43 | 38 15 | 39 53 | 41 47 |
| | | | | | | 41 47 | 43 29 |

Positionum Generalis

| | 46 | | 45 | | 44 | | 43 | | 42 | | 41 | | 40 regione | |
|----|----|----|----|----|----|----|----|----|----|----|----|----|------------|----|
| m | B | m | B | m | B | m | B | m | B | m | B | m | B | m |
| 31 | 35 | 28 | 36 | 56 | 38 | 29 | 40 | 7 | 41 | 52 | 43 | 44 | 45 | 44 |
| 32 | 37 | 7 | 38 | 40 | 40 | 19 | 42 | 4 | 43 | 57 | 45 | 57 | 48 | 8 |
| 33 | 39 | 50 | 40 | 30 | 42 | 15 | 44 | 8 | 46 | 2 | 48 | 20 | 50 | 43 |
| 34 | 40 | 39 | 42 | 25 | 44 | 18 | 46 | 20 | 48 | 31 | 50 | 53 | 53 | 30 |
| 35 | 42 | 33 | 44 | 27 | 46 | 29 | 48 | 40 | 51 | 3 | 53 | 40 | 56 | 34 |
| 36 | 44 | 33 | 46 | 36 | 48 | 48 | 51 | 11 | 53 | 48 | 56 | 42 | 59 | 59 |
| 37 | 46 | 42 | 48 | 54 | 51 | 17 | 53 | 55 | 56 | 49 | 56 | 6 | 63 | 54 |
| 38 | 48 | 59 | 51 | 23 | 54 | 0 | 56 | 55 | 60 | 12 | 60 | 0 | 68 | 37 |
| 39 | 51 | 27 | 54 | 4 | 56 | 59 | 60 | 16 | 64 | 4 | 68 | 41 | 74 | 49 |
| 40 | 54 | 8 | 57 | 3 | 60 | 20 | 64 | 8 | 68 | 44 | 74 | 51 | 90 | 0 |
| 41 | 57 | 5 | 60 | 23 | 64 | 11 | 68 | 47 | 74 | 54 | 90 | 0 | | |
| 42 | 60 | 24 | 64 | 13 | 68 | 49 | 74 | 55 | 90 | 0 | | | | |
| 43 | 64 | 14 | 68 | 50 | 74 | 26 | 90 | 0 | | | | | | |
| 44 | 68 | 51 | 74 | 57 | 90 | 0 | | | | | | | | |
| 45 | 74 | 57 | 90 | 0 | | | | | | | | | | |
| 46 | 90 | 0 | | | | | | | | | | | | |

Residuum Tabule

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

Positionum Generalis

Tabella radioz

| | 39 | 38 | 37 | 36 | 35 | Regiois | 34 |
|----|-------|-------|-------|-------|-------|---------|-------|
| S | S m | S m | S m | S m | S m | | S m |
| 31 | 47 54 | 50 16 | 52 53 | 55 48 | 59 6 | 1 | 60 0 |
| 32 | 50 30 | 53 7 | 56 1 | 59 19 | 63 10 | 2 | 59 59 |
| 33 | 53 19 | 56 13 | 59 31 | 63 22 | 68 2 | 3 | 59 57 |
| 34 | 56 24 | 59 42 | 63 31 | 68 11 | 74 26 | 4 | 59 55 |
| 35 | 59 51 | 63 40 | 68 19 | 74 32 | 90 0 | 5 | 59 52 |
| 36 | 63 48 | 68 25 | 74 37 | 90 0 | | 6 | 59 49 |
| 37 | 68 32 | 74 41 | 90 0 | | | 7 | 59 45 |
| 38 | 74 45 | 90 0 | | | | 8 | 59 40 |
| 39 | 90 0 | | | | | | |

Tabella Mensium Perfectionalium ac Usualium

| | di. | hō | m | z | Menses Usuales | Anni Lois | Anni Bisextilis |
|-----|-----|-----|----|----|----------------|------------|-----------------|
| | 1 | 28 | 2 | 17 | 37 | Dies 31 | Dies 31 |
| | 2 | 56 | 4 | 35 | 14 | Januarius | |
| Men | 3 | 84 | 6 | 52 | 51 | Februarius | 59 60 |
| ses | 4 | 112 | 9 | 10 | 28 | Martius | 90 91 |
| pro | 5 | 140 | 11 | 28 | 5 | Aprilis | 120 121 |
| fe | 6 | 168 | 13 | 45 | 42 | Maius | 151 152 |
| cio | 7 | 196 | 16 | 3 | 18 | Junius | 181 182 |
| na | 8 | 224 | 18 | 20 | 55 | Julius | 212 213 |
| les | 9 | 252 | 20 | 38 | 32 | Augustus | 243 244 |
| | 10 | 280 | 22 | 56 | 9 | Septēber | 273 274 |
| | 11 | 309 | 1 | 13 | 46 | October | 304 305 |
| | 12 | 337 | 3 | 31 | 23 | Novēber | 334 335 |
| | 13 | 365 | 5 | 49 | 0 | Decēber | 365 366 |

Tabula Projectionis Mensurae

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

Tabula Profectionis Diurne

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

Incipit Tabella.

| D | 0 | 1 | 2 | 3 | 4 | 5 |
|----|--------|----------|----------|----------|----------|----------|
| di | ptes | ptes | ptes | ptes | ptes | ptes |
| 1 | 17 291 | 1064 291 | 2111 291 | 3157 190 | 4202 290 | 5246 290 |
| 2 | 34 | 1082 | 2128 | 3175 | 4220 | 5264 |
| 3 | 52 | 1099 | 2146 | 3192 | 4237 | 5281 |
| 4 | 69 | 1116 | 2163 | 3209 | 4255 | 5298 |
| 5 | 87 | 1134 | 2181 | 3227 | 4272 | 5316 |
| 6 | 104 | 1151 | 2198 | 3244 | 4289 | 5333 |
| 7 | 122 | 1169 | 2216 | 3262 | 4307 | 5351 |
| 8 | 139 | 1186 | 2233 | 3279 | 4324 | 5368 |
| 9 | 157 | 1204 | 2250 | 3297 | 4342 | 5385 |
| 10 | 174 | 1221 | 2268 | 3314 | 4359 | 5403 |
| 11 | 191 | 1239 | 2285 | 3331 | 4376 | 5420 |
| 12 | 209 | 1256 | 2303 | 3349 | 4394 | 5437 |
| 13 | 226 | 1274 | 2320 | 3366 | 4411 | 5455 |
| 14 | 244 | 1291 | 2338 | 3384 | 4429 | 5472 |
| 15 | 261 | 1308 | 2355 | 3401 | 4446 | 5490 |
| 16 | 279 | 1326 | 2373 | 3418 | 4463 | 5507 |
| 17 | 296 | 1343 | 2390 | 3436 | 4481 | 5524 |
| 18 | 314 | 1361 | 2407 | 3453 | 4498 | 5542 |
| 19 | 331 | 1378 | 2425 | 3471 | 4516 | 5559 |
| 20 | 349 | 1396 | 2442 | 3488 | 4533 | 5577 |
| 21 | 366 | 1413 | 2460 | 3506 | 4550 | 5594 |
| 22 | 383 | 1431 | 2477 | 3523 | 4568 | 5611 |
| 23 | 401 | 1448 | 2495 | 3540 | 4585 | 5629 |
| 24 | 418 | 1465 | 2512 | 3558 | 4603 | 5646 |
| 25 | 436 | 1483 | 2529 | 3575 | 4620 | 5663 |
| 26 | 453 | 1500 | 2547 | 3593 | 4637 | 5681 |
| 27 | 471 | 1518 | 2564 | 3610 | 4655 | 5698 |
| 28 | 488 | 1535 | 2582 | 3628 | 4672 | 5716 |
| 29 | 506 | 1553 | 2599 | 3645 | 4690 | 5733 |
| 30 | 523 | 1570 | 2617 | 3662 | 4707 | 5750 |

Sinus recti.

| 5 | 0 | 1 | 2 | 3 | 4 | 5 |
|----|------|----------|------|------|------|----------|
| m | ptes | ptes | ptes | ptes | ptes | ptes |
| 31 | 541 | 291 1588 | 2634 | 3680 | 4724 | 5768 |
| 32 | 558 | 1605 | 2652 | 3697 | 4742 | 5785 |
| 33 | 575 | 1622 | 2669 | 3715 | 4759 | 5802 |
| 34 | 593 | 1640 | 2686 | 3732 | 4777 | 5820 |
| 35 | 610 | 1657 | 2704 | 3750 | 4794 | 5837 |
| 36 | 628 | 1675 | 2721 | 3767 | 4811 | 5854 |
| 37 | 645 | 1692 | 2739 | 3784 | 4829 | 5872 |
| 38 | 663 | 1710 | 2756 | 3802 | 4846 | 5889 |
| 39 | 680 | 1727 | 2774 | 3819 | 4864 | 5907 |
| 40 | 698 | 1745 | 2791 | 3837 | 4881 | 5924 289 |
| 41 | 715 | 1762 | 2808 | 3854 | 4898 | 5941 |
| 42 | 733 | 1779 | 2826 | 3871 | 4916 | 5959 |
| 43 | 750 | 1797 | 2843 | 3889 | 4933 | 5976 |
| 44 | 767 | 1814 | 2861 | 3906 | 4951 | 5993 |
| 45 | 785 | 1832 | 2878 | 3924 | 4968 | 6011 |
| 46 | 802 | 1849 | 2896 | 3941 | 4985 | 6028 |
| 47 | 820 | 1867 | 2913 | 3959 | 5003 | 6046 |
| 48 | 837 | 1884 | 2930 | 3976 | 5020 | 6063 |
| 49 | 855 | 1902 | 2948 | 3993 | 5038 | 6080 |
| 50 | 872 | 1919 | 2965 | 4011 | 5055 | 6098 |
| 51 | 890 | 1936 | 2983 | 4028 | 5072 | 6115 |
| 52 | 907 | 1954 | 3000 | 4046 | 5090 | 6132 |
| 53 | 925 | 1971 | 3018 | 4063 | 5107 | 6150 |
| 54 | 952 | 1989 | 3036 | 4080 | 5125 | 6167 |
| 55 | 959 | 2006 | 3053 | 4098 | 5142 | 6184 |
| 56 | 987 | 2024 | 3070 | 4115 | 5159 | 6202 |
| 57 | 994 | 2041 | 3087 | 4133 | 5177 | 6219 |
| 58 | 1012 | 2051 | 3105 | 4150 | 5194 | 6236 |
| 59 | 1029 | 2076 | 3122 | 4167 | 5211 | 6254 |
| 60 | 1047 | 2093 | 3140 | 4185 | 5229 | 6271 |

Residuum Tabelle.

| N | 6 | | 7 | | 8 | | 9 | | 10 | | 11 |
|----|------|-----|----------|-----|------|-----|------|-----|-------|-----|-----------|
| n | ptes | | ptes | | ptes | | ptes | | ptes | | ptes |
| 1 | 6289 | 289 | 7329 | 289 | 8367 | 288 | 9403 | 287 | 10436 | 286 | 11465 |
| 2 | 6306 | | 7346 | | 8384 | | 9420 | | 10453 | | 11482 |
| 3 | 6323 | | 7364 | | 8402 | | 9437 | | 10470 | | 11499 |
| 4 | 6341 | | 7381 | | 8419 | | 9455 | | 10487 | | 11517 |
| 5 | 6358 | | 7398 | | 8436 | | 9472 | | 10504 | | 11534 |
| 6 | 6375 | | 7416 | | 8454 | | 9489 | | 10522 | | 11551 285 |
| 7 | 6393 | | 7433 | | 8471 | | 9506 | | 10539 | | 11568 |
| 8 | 6410 | | 7450 | | 8488 | | 9523 | | 10556 | | 11585 |
| 9 | 6427 | | 7468 | | 8505 | | 9541 | | 10573 | | 11602 |
| 10 | 6445 | | 7485 | | 8523 | | 9558 | | 10590 | | 11619 |
| 11 | 6462 | | 7502 | | 8540 | | 9575 | | 10607 | | 11636 |
| 12 | 6479 | | 7519 | | 8557 | | 9592 | | 10625 | | 11654 |
| 13 | 6497 | | 7537 | | 8575 | | 9610 | | 10642 | | 11671 |
| 14 | 6514 | | 7554 | | 8592 | | 9627 | | 10659 | | 11688 |
| 15 | 6532 | | 7571 | | 8609 | | 9644 | | 10676 | | 11705 |
| 16 | 6549 | | 7589 | | 8626 | | 9661 | | 10693 | | 11722 |
| 17 | 6566 | | 7606 | | 8644 | | 9679 | | 10710 | | 11739 |
| 18 | 6584 | | 7623 | | 8661 | | 9696 | | 10728 | | 11756 |
| 19 | 6601 | | 7641 | | 8678 | | 9713 | | 10545 | | 11773 |
| 20 | 6618 | | 7658 | | 8695 | | 9730 | | 10762 | | 11791 |
| 21 | 6636 | | 7675 | | 8713 | | 9747 | | 10779 | | 11808 |
| 22 | 6653 | | 7693 | | 8730 | | 9765 | | 10796 | | 11825 |
| 23 | 6670 | | 7710 | | 8747 | | 9782 | | 10813 | | 11842 |
| 24 | 6688 | | 7727 | | 8765 | | 9799 | | 10831 | | 11859 |
| 25 | 6705 | | 7745 288 | | 8782 | | 9816 | | 10848 | | 11876 |
| 26 | 6722 | | 7762 | | 8799 | | 9833 | | 10865 | | 11893 |
| 27 | 6740 | | 7779 | | 8816 | | 9851 | | 10882 | | 11910 |
| 28 | 6757 | | 7796 | | 8834 | | 9868 | | 10899 | | 11927 |
| 29 | 6774 | | 7814 | | 8851 | | 9885 | | 10916 | | 11944 |
| 30 | 6792 | | 7831 | | 8868 | | 9902 | | 10934 | | 11962 |

Sinus recti.

| 5 | 6 | 7 | 8 | 9 | 10 | 11 |
|----|------|------|------|-------|-------|-------|
| m | ptes | ptes | ptes | ptes | ptes | ptes |
| 31 | 6809 | 7848 | 8885 | 9920 | 10951 | 11979 |
| 32 | 6826 | 7866 | 8903 | 9937 | 10968 | 11996 |
| 33 | 6844 | 7883 | 8920 | 9954 | 10985 | 12013 |
| 34 | 6861 | 7900 | 8937 | 9971 | 11002 | 12030 |
| 35 | 6878 | 7918 | 8954 | 9988 | 11019 | 12047 |
| 36 | 6896 | 7935 | 8972 | 10006 | 11037 | 12064 |
| 37 | 6913 | 7952 | 8989 | 10023 | 11054 | 12081 |
| 38 | 6930 | 7969 | 9006 | 10040 | 11071 | 12098 |
| 39 | 6948 | 7987 | 9023 | 10057 | 11088 | 12115 |
| 40 | 6965 | 8004 | 9041 | 10074 | 11105 | 12133 |
| 41 | 6982 | 8021 | 9058 | 10092 | 11122 | 12150 |
| 42 | 7000 | 8030 | 9075 | 10109 | 11139 | 12167 |
| 43 | 7017 | 8056 | 9092 | 10126 | 11157 | 12184 |
| 44 | 7034 | 8073 | 9110 | 10143 | 11174 | 12201 |
| 45 | 7052 | 8091 | 9127 | 10160 | 11191 | 12218 |
| 46 | 7069 | 8108 | 9144 | 10178 | 11208 | 12235 |
| 47 | 7086 | 8125 | 9161 | 10195 | 11225 | 12252 |
| 48 | 7104 | 8142 | 9179 | 10212 | 11242 | 12269 |
| 49 | 7121 | 8160 | 9196 | 10229 | 11260 | 12286 |
| 50 | 7138 | 8177 | 9213 | 10246 | 11277 | 12303 |
| 51 | 7156 | 8194 | 9230 | 10264 | 11294 | 12321 |
| 52 | 7173 | 8212 | 9248 | 10281 | 11311 | 12338 |
| 53 | 7190 | 8229 | 9265 | 10298 | 11328 | 12355 |
| 54 | 7208 | 8246 | 9282 | 10315 | 11345 | 12372 |
| 55 | 7225 | 8263 | 9299 | 10332 | 11362 | 12389 |
| 56 | 7242 | 8281 | 9317 | 10350 | 11380 | 12406 |
| 57 | 7260 | 8298 | 9334 | 10367 | 11397 | 12423 |
| 58 | 7277 | 8315 | 9351 | 10384 | 11414 | 12440 |
| 59 | 7294 | 8333 | 9368 | 10401 | 11431 | 12457 |
| 60 | 7312 | 8350 | 9386 | 10418 | 11448 | 12474 |

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Residuum Tabelle

| B m | 12 | | 13 | | 14 | | 15 | | 16 | | 17 |
|--------|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-----------|
| | ptes | | ptes | | ptes | | ptes | | ptes | | ptes |
| 1 | 12491 | | 13514 | 183 | 14532 | 282 | 15546 | | 16555 | | 17558 |
| 2 | 12508 | | 13531 | | 14549 | | 15562 | | 16571 | | 17575 |
| 3 | 12525 | | 13548 | | 14566 | | 15579 | | 16588 | | 17592 |
| 4 | 12542 | | 13565 | | 14583 | | 15596 | | 16605 | | 17609 |
| 5 | 12560 | | 13582 | | 14599 | | 15613 | | 16622 | 279 | 17625 |
| 6 | 12577 | 248 | 13599 | | 14616 | | 15630 | | 16638 | | 17642 |
| 7 | 12594 | | 13616 | | 14633 | | 15647 | | 16655 | | 17659 |
| 8 | 12611 | | 13633 | | 14650 | | 15663 | | 16672 | | 17675 |
| 9 | 12628 | | 13650 | | 14667 | | 15680 | | 16689 | | 16792 |
| 10 | 12645 | | 13667 | | 14684 | | 15697 | | 16705 | | 17709 |
| 11 | 12662 | | 13684 | | 14701 | | 15714 | | 16722 | | 17725 |
| 12 | 12679 | | 13701 | | 14718 | | 15731 | | 16739 | | 17742 |
| 13 | 12696 | | 13718 | | 14735 | | 15748 | | 16756 | | 17759 |
| 14 | 12713 | | 13735 | | 14752 | | 15765 | | 16772 | | 17775 |
| 15 | 12730 | | 13752 | | 14769 | | 15781 | | 16789 | | 17792 |
| 16 | 12747 | | 13769 | | 14786 | | 15798 | | 16806 | | 17809 |
| 17 | 12764 | | 13786 | | 14803 | | 15815 | | 16823 | | 17825 |
| 18 | 12781 | | 13802 | | 14819 | | 15832 | | 16840 | | 17842 |
| 19 | 12798 | | 13819 | | 14836 | | 15849 | | 16856 | | 17859 |
| 20 | 12815 | | 13836 | | 14853 | | 15866 | 280 | 16873 | | 17875 |
| 21 | 12832 | | 13853 | | 14850 | | 15882 | | 16890 | | 17892 |
| 22 | 12850 | | 13870 | | 14887 | | 15899 | | 16907 | | 17909 |
| 23 | 12867 | | 13887 | | 14904 | | 15916 | | 16923 | | 17925 |
| 24 | 12884 | | 13904 | | 14921 | | 15933 | | 16940 | | 17942 |
| 25 | 12901 | | 13921 | | 14938 | | 15950 | | 16957 | | 17959 |
| 26 | 12918 | | 13938 | | 14955 | | 15967 | | 16973 | | 17975 |
| 27 | 12935 | | 13955 | | 14972 | | 15983 | | 16990 | | 17992 |
| 28 | 12952 | | 13972 | | 14989 | | 16000 | | 17007 | | 18009 |
| 29 | 12969 | | 13989 | | 15005 | | 16017 | | 17024 | | 18025 |
| 30 | 12986 | | 14006 | | 15022 | | 16034 | | 17040 | | 18042 277 |

Sinus recti.

| δ | 12 | 13 | 14 | 15 | 16 | 17 |
|----------|-------|-------|-----------|-----------|-------|-------|
| in | ptes | ptes | ptes | ptes | ptes | ptes |
| 31 | 13003 | 14023 | 15039 | 16051 | 17057 | 18058 |
| 32 | 13020 | 14040 | 15056 | 16067 | 17074 | 18075 |
| 33 | 13037 | 14057 | 15073 | 16084 | 17091 | 18092 |
| 34 | 13054 | 14074 | 15090 | 16101 | 17107 | 18108 |
| 35 | 13071 | 14091 | 15107 | 16118 | 17124 | 18125 |
| 36 | 13088 | 14108 | 15124 | 16135 | 17141 | 18142 |
| 37 | 13105 | 14125 | 15141 | 16152 | 17158 | 18158 |
| 38 | 13122 | 14142 | 15157 | 16168 | 17174 | 18175 |
| 39 | 13139 | 14159 | 15174 | 16185 | 17191 | 18192 |
| 40 | 13156 | 14176 | 15191 | 16202 | 17208 | 18208 |
| 41 | 13173 | 14193 | 15208 | 16219 | 17224 | 18225 |
| 42 | 13190 | 14210 | 15225 | 16236 | 17241 | 18241 |
| 43 | 13207 | 14227 | 15252 | 16252 | 17258 | 18258 |
| 44 | 13224 | 14244 | 15259 | 16269 | 17275 | 18275 |
| 45 | 13241 | 14261 | 15276 | 16286 | 17291 | 18291 |
| 46 | 13258 | 14278 | 15292 | 16303 | 17308 | 18308 |
| 47 | 13275 | 14295 | 15309 | 16320 | 17325 | 18325 |
| 48 | 13292 | 14312 | 15326 | 16336 | 17341 | 18341 |
| 49 | 13309 | 14328 | 15343 | 16353 | 17358 | 18358 |
| 50 | 13326 | 14345 | 15360 | 281 16370 | 17375 | 18374 |
| 51 | 13343 | 14362 | 15377 | 16387 | 17392 | 18391 |
| 52 | 13360 | 14379 | 15394 | 16403 | 17408 | 18408 |
| 53 | 13377 | 14396 | 15411 | 16420 | 17425 | 18424 |
| 54 | 13395 | 14413 | 15427 | 16437 | 17442 | 18441 |
| 55 | 13412 | 14430 | 15444 | 16454 | 17458 | 18458 |
| 56 | 13429 | 14447 | 15461 | 16471 | 17475 | 18474 |
| 57 | 13446 | 14464 | 15478 | 16487 | 17492 | 18491 |
| 58 | 13463 | 14481 | 15425 | 16504 | 17508 | 18507 |
| 59 | 13480 | 14498 | 15412 | 16521 | 17525 | 18524 |
| 60 | 13497 | 14515 | 282 15429 | 16538 | 17542 | 18541 |

Residuum Tabelle

| B | 18 | | 19 | | 20 | | 21 | | 22 | | 23 |
|----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|
| m | pres | | pres | | pres | | pres | | pres | | pres |
| 1 | 18557 | | 19550 | | 20537 | 273 | 21518 | | 22492 | | 23459 |
| 2 | 18574 | | 19567 | | 20554 | | 21534 | | 22508 | | 23476 |
| 3 | 18590 | | 19583 | | 20570 | | 21550 | | 22524 | | 23492 |
| 4 | 18607 | | 19600 | | 20586 | | 21567 | | 22541 | | 23508 |
| 5 | 18624 | | 19616 | | 20603 | | 21583 | 271 | 22557 | | 23524 |
| 6 | 18640 | | 19633 | | 20619 | | 21599 | | 22573 | | 23540 |
| 7 | 18657 | | 19649 | | 20635 | | 21616 | | 22589 | | 23556 |
| 8 | 18673 | | 19666 | | 20652 | | 21632 | | 22605 | | 23572 |
| 9 | 18690 | | 19682 | | 20668 | | 21648 | | 22621 | | 23588 |
| 10 | 18706 | 276 | 19699 | | 20685 | | 21664 | | 22638 | 269 | 23604 |
| 11 | 18723 | | 19715 | | 20701 | | 21681 | | 22654 | | 23620 |
| 12 | 18740 | | 19732 | | 20717 | | 21697 | | 22670 | | 23636 |
| 13 | 18756 | | 19748 | | 20734 | | 21713 | | 22686 | | 23652 |
| 14 | 18773 | | 19764 | | 20750 | | 21730 | | 22702 | | 23668 |
| 15 | 18789 | | 19781 | | 20767 | | 21746 | | 22718 | | 23684 |
| 16 | 18806 | | 19797 | | 20783 | | 21762 | | 22735 | | 23700 |
| 17 | 18822 | | 19814 | | 20799 | | 21778 | | 22751 | | 23716 |
| 18 | 18839 | | 19830 | | 20816 | | 21795 | | 22767 | | 23732 |
| 19 | 18856 | | 19847 | | 20832 | | 21811 | | 22783 | | 23748 |
| 20 | 18872 | | 19863 | 274 | 20848 | | 21827 | | 22799 | | 23764 |
| 21 | 18889 | | 19880 | | 20865 | | 21843 | | 22815 | | 23780 |
| 22 | 18905 | | 19896 | | 20881 | | 21860 | | 22831 | | 23796 |
| 23 | 18932 | | 19913 | | 20897 | | 21876 | | 22848 | | 23812 |
| 24 | 18938 | | 19929 | | 20914 | | 21892 | | 22864 | | 23828 |
| 25 | 18955 | | 19946 | | 20930 | | 21908 | | 22880 | | 23844 |
| 26 | 18972 | | 19962 | | 20947 | | 21925 | | 22896 | | 23860 |
| 27 | 18988 | | 19979 | | 20963 | | 21941 | | 22912 | | 23876 |
| 28 | 19005 | | 19995 | | 20979 | | 21957 | | 22928 | | 23892 |
| 29 | 19021 | | 20011 | | 20996 | | 21973 | | 22944 | | 23908 |
| 30 | 19038 | | 20028 | | 21012 | | 21990 | | 22961 | | 23924 |

Sinus recti.

| B | 18 | 19 | 20 | 21 | 22 | 23 |
|----|-----------|-------|-----------|-----------|-----------|-----------|
| m | ptes | ptes | ptes | ptes | ptes | ptes |
| 31 | 19054 | 20044 | 21028 | 22006 | 22977 | 23940 |
| 32 | 19071 | 20061 | 21045 272 | 22022 | 22993 | 23956 |
| 33 | 19087 | 20077 | 21061 | 22038 | 23009 | 23972 |
| 34 | 19104 | 20094 | 21077 | 22055 | 23025 | 23988 |
| 35 | 19121 | 20110 | 21094 | 22071 | 23041 | 24004 |
| 36 | 19137 | 20127 | 21110 | 22087 | 23057 | 24020 |
| 37 | 19154 | 20143 | 21126 | 22103 270 | 23073 | 24036 |
| 38 | 19170 | 20159 | 21143 | 22119 | 23089 | 24052 |
| 39 | 19187 | 20176 | 21159 | 22136 | 23106 | 24068 266 |
| 40 | 19203 | 20192 | 21175 | 22152 | 23122 268 | 24084 |
| 41 | 19220 | 20209 | 21192 | 22168 | 23138 | 24100 |
| 42 | 19236 | 20225 | 21208 | 22184 | 23154 | 24116 |
| 43 | 19253 | 20242 | 21224 | 22201 | 23170 | 24132 |
| 44 | 19269 | 20258 | 21241 | 22217 | 23186 | 24148 |
| 45 | 19286 275 | 20275 | 21257 | 22233 | 23202 | 24164 |
| 46 | 19302 | 20291 | 21273 | 22249 | 23218 | 24180 |
| 47 | 19319 | 20307 | 21290 | 22265 | 23234 | 24196 |
| 48 | 19335 | 20324 | 21306 | 22282 | 23250 | 24212 |
| 49 | 19352 | 20340 | 21322 | 22298 | 23267 | 24228 |
| 50 | 19368 | 20357 | 21339 | 22314 | 23283 | 24244 |
| 51 | 19385 | 20373 | 21355 | 22330 | 23299 | 24260 |
| 52 | 19402 | 20389 | 21371 | 22346 | 23315 | 24276 |
| 53 | 19418 | 20406 | 21387 | 22363 | 23331 | 24292 |
| 54 | 19435 | 20422 | 21404 | 22379 | 23347 | 24308 |
| 55 | 19451 | 20439 | 21420 | 22395 | 23363 | 24324 |
| 56 | 19468 | 20455 | 21436 | 22411 | 23379 | 24340 |
| 57 | 19484 | 20471 | 21453 | 22427 | 23395 | 24356 |
| 58 | 19501 | 20488 | 21469 | 22444 | 23411 | 24372 |
| 59 | 19517 | 20504 | 21485 | 22460 | 23427 | 24388 |
| 60 | 19534 | 20521 | 21502 | 22476 | 23443 | 24404 |

Residuum Tabelle

| D m | 24 | 25 | 26 | 27 | 28 | 29 |
|--------|-------|-----------|-------|-----------|-----------|-------|
| | ptes | ptes | ptes | ptes | ptes | ptes |
| 1 | 24420 | 289 25372 | 26317 | 261 27254 | 28183 | 29103 |
| 2 | 24436 | 25388 | 26333 | 27270 | 28199 | 29119 |
| 3 | 24452 | 25404 | 26349 | 27286 | 28214 | 29134 |
| 4 | 24467 | 25420 | 26365 | 27301 | 28229 | 29149 |
| 5 | 24483 | 25436 | 26380 | 27318 | 28245 | 29164 |
| 6 | 24499 | 25451 | 26396 | 27332 | 28260 | 29180 |
| 7 | 24515 | 25467 | 26412 | 27348 | 28276 | 29195 |
| 8 | 24531 | 25483 | 26427 | 27363 | 28291 | 29210 |
| 9 | 24547 | 265 25499 | 26443 | 27379 | 28306 | 29225 |
| 10 | 24563 | 25515 | 26459 | 27394 | 28322 | 29241 |
| 11 | 24579 | 25530 | 26474 | 27410 | 28337 | 29256 |
| 12 | 24595 | 25546 | 26490 | 27425 | 28353 | 29271 |
| 13 | 24611 | 25562 | 26506 | 27441 | 28368 | 29286 |
| 14 | 24627 | 25578 | 26521 | 27456 | 28383 | 29302 |
| 15 | 24643 | 25594 | 26537 | 27472 | 28399 | 29317 |
| 16 | 24659 | 25609 | 26552 | 27487 | 28414 | 29332 |
| 17 | 24674 | 25625 | 26568 | 27503 | 28429 | 29347 |
| 18 | 24690 | 25641 | 26584 | 27518 | 28445 | 29362 |
| 19 | 24706 | 25657 | 26599 | 27534 | 28460 | 29378 |
| 20 | 24722 | 25673 | 26615 | 27549 | 258 28476 | 29393 |
| 21 | 24738 | 25688 | 26631 | 27565 | 28491 | 29408 |
| 22 | 24754 | 25704 | 26646 | 27580 | 28506 | 29422 |
| 23 | 24770 | 25720 | 26662 | 27596 | 28522 | 29439 |
| 24 | 24786 | 25736 | 26678 | 27611 | 28537 | 29454 |
| 25 | 24802 | 25751 | 26693 | 27627 | 28552 | 29469 |
| 26 | 24818 | 25767 | 26709 | 27642 | 28568 | 29484 |
| 27 | 24833 | 25783 | 26725 | 27658 | 28582 | 29499 |
| 28 | 24849 | 25799 | 26740 | 27673 | 28598 | 29515 |
| 29 | 24865 | 25814 | 26756 | 27689 | 28614 | 29530 |
| 30 | 24881 | 25830 | 26771 | 27704 | 28629 | 29545 |

Sinus recti.

| 5 | 24 | 25 | 26 | 27 | 28 | 29 |
|----|-------|-------|-------|-----------|-----------|-----------|
| m | ptes | ptes | ptes | ptes | ptes | ptes |
| 31 | 24897 | 25846 | 26787 | 27720 | 28644 | 29560 |
| 32 | 24913 | 25862 | 26803 | 27735 | 28660 | 29575 |
| 33 | 24929 | 25877 | 26818 | 27751 | 28675 | 29590 |
| 34 | 24945 | 25893 | 26834 | 27766 | 28690 | 29606 |
| 35 | 24960 | 25909 | 26849 | 27782 | 28706 | 255 29621 |
| 36 | 24976 | 25925 | 26865 | 27797 | 28721 | 29663 |
| 37 | 24992 | 25940 | 26881 | 27813 | 28736 | 29651 |
| 38 | 25008 | 25956 | 26896 | 27828 | 28752 | 29666 |
| 39 | 25024 | 25972 | 26912 | 27844 | 28767 | 29682 |
| 40 | 25040 | 25988 | 26927 | 27859 | 28782 | 29697 |
| 41 | 25056 | 26003 | 26943 | 27875 | 28798 | 29712 |
| 42 | 25072 | 26019 | 26959 | 27890 | 28813 | 29727 |
| 43 | 25087 | 26035 | 26974 | 27905 | 28828 | 29742 |
| 44 | 25103 | 26051 | 26990 | 27921 | 28844 | 29757 |
| 45 | 25119 | 26066 | 27005 | 27936 | 257 28859 | 29772 |
| 46 | 25135 | 26082 | 27021 | 27952 | 28874 | 29788 |
| 47 | 25151 | 26098 | 27037 | 27967 | 28889 | 29803 252 |
| 48 | 25167 | 26113 | 27052 | 27983 | 28905 | 29818 |
| 49 | 25182 | 26129 | 27068 | 27998 | 28920 | 29833 |
| 50 | 25198 | 26145 | 27083 | 28014 | 28935 | 29848 |
| 51 | 25214 | 26161 | 27099 | 28029 | 28951 | 29863 |
| 52 | 25230 | 26176 | 27114 | 28044 | 28966 | 29878 |
| 53 | 25246 | 26292 | 27130 | 28060 | 28981 | 29894 |
| 54 | 25262 | 26208 | 27146 | 259 28075 | 28996 | 29909 |
| 55 | 25277 | 26223 | 27161 | 28091 | 29012 | 29924 |
| 56 | 25293 | 26239 | 27177 | 28106 | 29027 | 29939 |
| 57 | 25309 | 26255 | 27192 | 28122 | 29042 | 29954 |
| 58 | 25325 | 26270 | 27208 | 28137 | 29058 | 29969 |
| 59 | 25341 | 26286 | 27223 | 28152 | 29073 | 29984 |
| 60 | 25357 | 26302 | 27239 | 28168 | 29088 | 30000 |

Residuum Tabelle

| B | 30 | | 31 | | 32 | | 33 | | 34 | | 35 | |
|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|
| iii | ptes | | ptes | | ptes | | ptes | | ptes | | ptes | |
| 1 | 30015 | | 30917 | 249 | 31809 | | 32692 | | 33566 | | 34428 | 338 |
| 2 | 30030 | | 30932 | | 31824 | | 32707 | | 33580 | | 34443 | |
| 3 | 30045 | | 30947 | | 31839 | | 32722 | | 33594 | | 34457 | |
| 4 | 30060 | | 30962 | | 31854 | | 32736 | | 33609 | | 34471 | |
| 5 | 30075 | | 30977 | | 31869 | | 32751 | | 33623 | | 34486 | |
| 6 | 30090 | | 30992 | | 31883 | 246 | 32766 | | 33638 | | 34500 | |
| 7 | 30105 | | 31006 | | 31898 | | 32780 | | 33652 | | 34514 | |
| 8 | 30120 | | 31021 | | 31913 | | 32795 | | 33667 | | 34528 | |
| 9 | 30135 | | 31036 | | 31928 | | 32809 | | 33681 | | 34543 | |
| 10 | 30151 | | 31051 | | 31943 | | 32824 | | 33696 | 240 | 34557 | |
| 11 | 30166 | | 31066 | | 31957 | | 32839 | | 33710 | | 34571 | |
| 12 | 30181 | 251 | 31086 | | 31972 | | 32853 | 243 | 33725 | | 34585 | |
| 13 | 30196 | | 31096 | | 31987 | | 32868 | | 33739 | | 34600 | |
| 14 | 30211 | | 31111 | | 32002 | | 32882 | | 33753 | | 34614 | |
| 15 | 30226 | | 31126 | | 32016 | | 32897 | | 33768 | | 34628 | |
| 16 | 30241 | | 31141 | | 32031 | | 32912 | | 33782 | | 34642 | |
| 17 | 30256 | | 31156 | | 32046 | | 32926 | | 33797 | | 34657 | 337 |
| 18 | 30271 | | 31171 | | 32061 | | 32941 | | 33811 | | 33671 | |
| 19 | 30286 | | 31186 | | 32075 | | 32955 | | 33825 | | 34685 | |
| 20 | 30301 | | 31200 | 248 | 32090 | | 32970 | | 33840 | | 34699 | |
| 21 | 30316 | | 31215 | | 32105 | | 32985 | | 33854 | | 34714 | |
| 22 | 30331 | | 31230 | | 32120 | | 32999 | | 33869 | | 34728 | |
| 23 | 30346 | | 31245 | | 32134 | | 33014 | | 33883 | | 34742 | |
| 24 | 30362 | | 31260 | | 32149 | | 33028 | | 33898 | | 34756 | |
| 25 | 30377 | | 31275 | | 32164 | | 33043 | | 33912 | | 34771 | |
| 26 | 30392 | | 31290 | | 32179 | | 33057 | | 33926 | | 34785 | |
| 27 | 30407 | | 31305 | | 32193 | | 33072 | | 33941 | | 34799 | |
| 28 | 30422 | | 31320 | | 32208 | | 33087 | | 33955 | | 34813 | |
| 29 | 30437 | | 31335 | | 32223 | 245 | 33101 | | 33969 | | 34827 | |
| 30 | 30452 | | 31349 | | 32237 | | 33116 | | 33984 | | 34842 | |

Sinus recti.

| B | 30 | 31 | 32 | 33 | 34 | 35 |
|----|-------|-----------|-----------|-----------|-----------|-----------|
| m | ptes | ptes | ptes | ptes | ptes | ptes |
| 31 | 30467 | 31364 | 32252 | 33130 | 33998 | 34856 |
| 32 | 30482 | 31379 | 32267 | 33145 | 34013 | 34870 |
| 33 | 30497 | 31394 | 32282 | 33159 | 34027 | 34884 |
| 34 | 30512 | 31409 | 32296 | 33174 | 242 34041 | 34898 |
| 35 | 30527 | 31424 | 32311 | 33188 | 34056 | 34913 |
| 36 | 30542 | 250 31439 | 32326 | 33203 | 34070 | 239 34927 |
| 37 | 30557 | 31454 | 32340 | 33218 | 34084 | 34941 |
| 38 | 30572 | 31468 | 32355 | 33232 | 34099 | 34955 |
| 39 | 30587 | 31483 | 32370 | 33247 | 34113 | 34969 |
| 40 | 30602 | 31498 | 32385 | 33261 | 34128 | 34984 |
| 41 | 30617 | 31513 | 32399 | 33276 | 34142 | 34998 |
| 42 | 30632 | 31528 | 32414 | 33290 | 34156 | 35012 |
| 43 | 30647 | 31543 | 32429 | 33305 | 34171 | 35026 |
| 44 | 30662 | 31557 | 247 32443 | 33319 | 34185 | 35040 |
| 45 | 30677 | 31572 | 32458 | 33334 | 34199 | 35054 |
| 46 | 30692 | 31587 | 32473 | 33348 | 34214 | 35069 |
| 47 | 30707 | 31602 | 32487 | 33363 | 34228 | 35083 |
| 48 | 30722 | 31617 | 32502 | 244 33377 | 34242 | 35097 |
| 49 | 30737 | 31632 | 32517 | 33392 | 34257 | 35111 |
| 50 | 30752 | 31647 | 32531 | 33406 | 34271 | 35125 |
| 51 | 30767 | 31661 | 32546 | 33421 | 34285 | 35139 |
| 52 | 30782 | 31676 | 32561 | 33435 | 34300 | 35154 |
| 53 | 30797 | 31691 | 32575 | 33450 | 34314 | 35168 |
| 54 | 30812 | 31706 | 32590 | 33464 | 34328 | 35182 |
| 55 | 30827 | 31721 | 32605 | 33479 | 241 34343 | 35196 |
| 56 | 30842 | 31735 | 32619 | 33493 | 34357 | 35210 |
| 57 | 30857 | 31750 | 32634 | 33508 | 34371 | 35224 |
| 58 | 30872 | 31765 | 32649 | 33522 | 34385 | 35238 |
| 59 | 30887 | 31780 | 32663 | 33537 | 34400 | 35253 |
| 60 | 30902 | 31795 | 32678 | 33551 | 34414 | 35267 |

Residuum Tabelle

| li | 36 | | 37 | | 38 | | 39 | | 40 | | 41 | |
|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|
| iii | pres | | pres | | pres | | pres | | pres | | pres | |
| 1 | 35281 | 235 | 36122 | | 36953 | | 37772 | | 38580 | | 39376 | 219 |
| 2 | 35295 | | 36136 | | 36967 | | 37786 | | 38593 | | 39389 | |
| 3 | 35309 | | 36150 | | 36980 | | 37799 | | 38607 | | 39403 | |
| 4 | 35323 | | 36164 | | 36994 | | 37813 | | 38620 | | 39416 | |
| 5 | 35337 | | 36178 | | 37008 | | 37827 | | 38634 | | 39429 | |
| 6 | 35351 | | 36192 | | 37022 | | 37846 | | 38647 | | 39442 | |
| 7 | 35365 | | 36206 | | 37035 | | 37854 | | 38660 | | 39455 | |
| 8 | 35379 | | 36220 | | 37049 | | 37867 | | 38674 | 222 | 39468 | |
| 9 | 35394 | | 36234 | | 37063 | | 37881 | | 38687 | | 39481 | |
| 10 | 35408 | | 36248 | | 37077 | | 37894 | | 38700 | | 39495 | |
| 11 | 35422 | | 36262 | | 37090 | | 37908 | | 38714 | | 39508 | |
| 12 | 35436 | | 36275 | | 37104 | | 37921 | 225 | 38727 | | 39521 | |
| 13 | 35450 | | 36289 | | 37118 | | 37935 | | 38740 | | 39534 | |
| 14 | 35464 | | 36303 | | 37131 | | 37948 | | 38754 | | 39547 | |
| 15 | 35478 | | 36317 | | 37145 | 228 | 37962 | | 38767 | | 39560 | |
| 16 | 35492 | | 36331 | | 37159 | | 37975 | | 38780 | | 39573 | |
| 17 | 35506 | | 36345 | | 37173 | | 37989 | | 38794 | | 39586 | |
| 18 | 35520 | | 36359 | | 37186 | | 38002 | | 38807 | | 39600 | |
| 19 | 35534 | 234 | 36373 | 231 | 37200 | | 38016 | | 38820 | | 39613 | |
| 20 | 35548 | | 36387 | | 37214 | | 38029 | | 38834 | | 39626 | 218 |
| 21 | 35562 | | 36400 | | 37227 | | 38043 | | 38847 | | 39639 | |
| 22 | 35577 | | 36414 | | 37241 | | 38056 | | 38860 | | 39652 | |
| 23 | 35591 | | 36438 | | 37255 | | 38070 | | 38873 | | 39665 | |
| 24 | 35605 | | 36442 | | 37268 | | 38083 | | 38887 | | 39678 | |
| 25 | 35619 | | 36456 | | 37282 | | 38097 | | 38900 | | 39691 | |
| 26 | 35633 | | 36470 | | 37296 | | 38110 | | 38913 | 221 | 39704 | |
| 27 | 35647 | | 36484 | | 37309 | | 38124 | | 38927 | | 39717 | |
| 28 | 35661 | | 36497 | | 37323 | | 38137 | | 38940 | | 39731 | |
| 29 | 35675 | | 36511 | | 37337 | | 38151 | | 38953 | | 39744 | |
| 30 | 35689 | | 36525 | | 37350 | | 38164 | 224 | 38966 | | 39757 | |

Sinus recti.

| 5 | 36 | 37 | 38 | 39 | 40 | 41 |
|----|-----------|-----------|-----------|-----------|-----------|-----------|
| m | ptes | ptes | ptes | ptes | ptes | ptes |
| 31 | 35703 | 36539 | 37364 | 38178 224 | 38980 | 39770 |
| 32 | 35717 | 36553 | 37378 | 38191 | 38993 | 39783 |
| 33 | 35731 | 36567 | 37391 | 38205 | 39006 | 39796 |
| 34 | 35745 | 36581 | 37405 | 38218 | 39019 | 39809 |
| 35 | 35759 | 36594 | 37419 227 | 38231 | 39033 | 39822 |
| 36 | 35773 | 36608 | 37432 | 38245 | 39046 | 39835 |
| 37 | 35787 | 36622 230 | 37446 | 38258 | 39059 | 39848 |
| 38 | 35801 233 | 36636 | 37460 | 38272 | 39072 | 39861 217 |
| 39 | 35815 | 36650 | 37473 | 38285 | 39086 | 39874 |
| 40 | 35829 | 36664 | 37487 | 38299 | 39099 | 39887 |
| 41 | 35843 | 36677 | 37500 | 38312 | 39112 | 39900 |
| 42 | 35857 | 36691 | 37514 | 38326 | 39125 | 39913 |
| 43 | 35871 | 36705 | 37528 | 38339 | 39139 | 39926 |
| 44 | 35885 | 36719 | 37541 | 38352 | 39152 | 39939 |
| 45 | 35899 | 36733 | 37555 | 38366 | 39165 220 | 39952 |
| 46 | 35913 | 36746 | 37569 | 38379 | 39178 | 39965 |
| 47 | 35927 | 36760 | 37582 | 38393 | 39192 | 39978 |
| 48 | 35841 | 36774 | 37596 | 38406 | 39205 | 39991 |
| 49 | 35955 | 36788 | 37609 | 38414 | 39218 | 40004 |
| 50 | 35969 | 36802 | 37623 | 38433 223 | 39231 | 40017 |
| 51 | 35983 | 36815 | 37637 | 38446 | 39244 | 40030 |
| 52 | 35997 | 36829 | 37650 | 38460 | 39258 | 40043 |
| 53 | 36011 | 36843 | 37664 | 38473 | 39271 | 40056 |
| 54 | 36025 | 36857 | 37677 226 | 38486 | 39284 | 40069 |
| 55 | 36039 | 36870 | 37691 | 38500 | 39297 | 40072 |
| 56 | 36053 | 36884 229 | 37704 | 38513 | 39310 | 40095 216 |
| 57 | 36067 | 36898 | 37718 | 38527 | 39324 | 40108 |
| 58 | 36081 232 | 36912 | 37732 | 38540 | 39337 | 40121 |
| 59 | 36094 | 36925 | 37745 | 38553 | 39350 | 40134 |
| 60 | 36108 | 36939 | 37759 | 38567 | 39363 | 40147 |

Residuum . Tabelle.

| D | 42 | 43 | 44 | 45 | 46 | 47 |
|----|-------|-----------|-----------|-------|-----------|-----------|
| ni | ptes | ptes | ptes | ptes | ptes | ptes |
| 1 | 40160 | 40932 | 41692 | 42438 | 43172 | 43893 |
| 2 | 40173 | 40945 | 41704 | 42451 | 43184 | 43905 |
| 3 | 40186 | 40958 | 41717 | 42463 | 43196 | 43916 |
| 4 | 40199 | 40970 | 41729 | 42475 | 43208 | 43928 |
| 5 | 40212 | 40983 | 212 41742 | 42488 | 43220 | 205 43940 |
| 6 | 40225 | 40996 | 41754 | 42500 | 43233 | 43952 |
| 7 | 40238 | 41009 | 41767 | 42512 | 43245 | 43964 |
| 8 | 40251 | 41012 | 41779 | 42525 | 43257 | 43976 |
| 9 | 40264 | 41034 | 41792 | 42537 | 43269 | 43988 |
| 10 | 40277 | 41047 | 41804 | 42549 | 43281 | 44000 |
| 11 | 40290 | 41060 | 41817 | 42561 | 43293 | 44011 201 |
| 12 | 40303 | 41072 | 41829 | 42573 | 43305 | 44023 |
| 13 | 40316 | 41085 | 41842 | 42586 | 43317 | 44035 |
| 14 | 40329 | 41098 | 41854 | 42598 | 43329 | 44047 |
| 15 | 40342 | 41110 | 41867 | 42611 | 208 43341 | 44059 |
| 16 | 40354 | 215 41123 | 41879 | 42623 | 43353 | 44071 |
| 17 | 40367 | 41136 | 41892 | 42635 | 43365 | 44083 |
| 18 | 40380 | 41149 | 41904 | 42647 | 43378 | 44094 |
| 19 | 40393 | 41161 | 41917 | 42660 | 43390 | 44106 |
| 20 | 40406 | 41174 | 41929 | 42672 | 43402 | 44118 |
| 21 | 40419 | 41187 | 41942 | 42684 | 43414 | 204 44130 |
| 22 | 40432 | 41199 | 41954 | 42697 | 43426 | 44142 |
| 23 | 40445 | 41212 | 211 41967 | 42709 | 43438 | 44154 |
| 24 | 40458 | 41225 | 41979 | 42721 | 43450 | 44165 |
| 25 | 40471 | 41237 | 41992 | 42733 | 43462 | 44177 |
| 26 | 40483 | 41250 | 42004 | 42746 | 43474 | 44189 200 |
| 27 | 40496 | 41263 | 42017 | 42758 | 43486 | 44201 |
| 28 | 40509 | 41275 | 42029 | 42770 | 43498 | 44213 |
| 29 | 40522 | 41288 | 42042 | 42782 | 43510 | 44224 |
| 30 | 40535 | 41301 | 42054 | 42795 | 43522 | 44236 |

Sinus recti.

| B | 42 | 43 | 44 | 45 | 46 | 47 |
|----|-------|-----------|-----------|-----------|-----------|-----------|
| m | ptes | ptes | ptes | ptes | ptes | ptes |
| 31 | 40548 | 214 41313 | 42066 | 207 42807 | 43534 | 44248 |
| 32 | 40561 | 41326 | 42079 | 42819 | 43546 | 44240 |
| 33 | 40574 | 41339 | 42091 | 42831 | 43558 | 44271 |
| 34 | 40586 | 41351 | 42104 | 42843 | 43570 | 44283 |
| 35 | 40599 | 41364 | 42116 | 42856 | 43582 | 44295 |
| 36 | 40612 | 41377 | 42129 | 42868 | 43594 | 44307 |
| 37 | 40625 | 41389 | 42141 | 42880 | 43606 | 44319 |
| 38 | 40638 | 41402 | 42154 | 42892 | 203 43618 | 44330 |
| 39 | 40651 | 41415 | 42166 | 42904 | 43630 | 44342 |
| 40 | 40663 | 41427 | 210 42178 | 42917 | 43642 | 44354 |
| 41 | 40676 | 41440 | 42191 | 42929 | 43654 | 44366 |
| 42 | 40689 | 41452 | 42203 | 42941 | 43666 | 44377 |
| 43 | 40702 | 213 41465 | 42216 | 42953 | 43678 | 44389 |
| 44 | 40715 | 41478 | 42228 | 42965 | 43690 | 199 44401 |
| 45 | 40728 | 41490 | 42240 | 42978 | 43702 | 44413 |
| 46 | 40740 | 41503 | 42253 | 42990 | 43714 | 44424 |
| 47 | 40753 | 41515 | 42265 | 43002 | 43726 | 44436 |
| 48 | 40766 | 41528 | 42278 | 206 43014 | 43738 | 44448 |
| 49 | 40779 | 41541 | 42290 | 43026 | 43750 | 44460 |
| 50 | 40792 | 41553 | 42302 | 43038 | 43762 | 44471 |
| 51 | 40804 | 41566 | 42315 | 43051 | 43773 | 44483 |
| 52 | 40817 | 41578 | 42327 | 43063 | 43785 | 44495 |
| 53 | 40830 | 41591 | 42339 | 43075 | 43797 | 44506 |
| 54 | 40843 | 41604 | 42352 | 43087 | 43809 | 44518 |
| 55 | 40856 | 41616 | 42364 | 43099 | 202 43821 | 44530 |
| 56 | 40868 | 41629 | 42377 | 43111 | 43833 | 44541 |
| 57 | 40881 | 41641 | 209 42389 | 43124 | 43845 | 44553 |
| 58 | 40893 | 41654 | 42401 | 43136 | 43857 | 44565 |
| 59 | 40907 | 41666 | 42414 | 43148 | 43869 | 44577 |
| 60 | 40919 | 41679 | 42426 | 43160 | 43881 | 44588 |

Residuum Tabelle

| 5 | 48 | | 49 | | 50 | | 51 | | 52 | | 53 |
|----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|
| m | ptes | | ptes | | ptes | | ptes | | ptes | | ptes |
| 1 | 44600 | | 45294 | 190 | 45973 | | 46639 | | 47291 | | 47928 |
| 2 | 44612 | | 45305 | | 45985 | | 46650 | | 47302 | | 47939 |
| 3 | 44623 | | 45316 | | 45996 | | 46661 | | 47312 | | 47949 |
| 4 | 44635 | 194 | 45328 | | 46007 | | 46672 | | 47323 | | 47960 |
| 5 | 44647 | | 45339 | | 46018 | | 46683 | | 47334 | | 47970 |
| 6 | 44658 | | 45351 | | 46029 | | 46694 | | 47345 | | 47981 |
| 7 | 44670 | | 45362 | | 46041 | | 46705 | | 47355 | | 47991 |
| 8 | 44681 | | 45374 | | 46052 | | 46716 | | 47366 | | 48002 |
| 9 | 44693 | | 45385 | | 46063 | 186 | 46727 | | 47377 | | 48012 |
| 10 | 44705 | | 45396 | | 46074 | | 46738 | 182 | 47387 | 178 | 48022 |
| 11 | 44716 | | 45408 | | 46085 | | 46749 | | 47398 | | 48033 |
| 12 | 44728 | | 45419 | | 46097 | | 46760 | | 47409 | | 48043 |
| 13 | 44740 | | 45431 | | 46108 | | 46771 | | 47419 | | 48054 |
| 14 | 44751 | | 45442 | | 46119 | | 46782 | | 47430 | | 48064 |
| 15 | 44763 | | 45453 | | 46130 | | 46793 | | 47441 | | 48075 |
| 16 | 44775 | | 45465 | | 46141 | | 46804 | | 47452 | | 48085 |
| 17 | 44786 | | 45476 | | 46152 | | 46814 | | 47462 | | 47096 |
| 18 | 44798 | | 45488 | | 46163 | | 46825 | | 47473 | | 48106 |
| 19 | 44809 | | 45499 | | 46175 | | 46836 | | 47484 | | 48116 |
| 20 | 44821 | 193 | 45510 | | 46186 | | 46847 | | 47494 | | 48127 |
| 21 | 44833 | | 45522 | | 46197 | | 46858 | | 47505 | | 48137 |
| 22 | 44844 | | 45533 | 189 | 46208 | | 46869 | | 47516 | | 48148 |
| 23 | 44856 | | 45544 | | 46219 | 185 | 46880 | | 47526 | | 48158 |
| 24 | 44867 | | 45556 | | 46230 | | 46891 | | 47537 | | 48169 |
| 25 | 44879 | | 45567 | | 46241 | | 46902 | 181 | 47547 | 177 | 48179 |
| 26 | 44891 | | 45578 | | 46253 | | 46913 | | 47558 | | 48189 |
| 27 | 44902 | | 45590 | | 46264 | | 46923 | | 47569 | | 48200 |
| 28 | 44914 | | 45601 | | 46275 | | 46934 | | 47579 | | 48210 |
| 29 | 44925 | | 45613 | | 46286 | | 46945 | | 47589 | | 48221 |
| 30 | 44937 | | 45624 | | 46297 | | 46956 | | 47600 | | 48231 |

Sinus recti.

| 5 | 48 | 49 | 50 | 51 | 52 | 53 |
|----|-------|-----------|-----------|-----------|-----------|-----------|
| m) | ptes | ptes | ptes | ptes | ptes | ptes |
| 31 | 44948 | 45635 | 46308 | 46967 | 47611 | 48241 |
| 32 | 44960 | 45647 | 46319 | 46978 | 47622 | 48252 |
| 33 | 44972 | 45658 | 46330 | 46989 | 47633 | 48262 |
| 34 | 44983 | 45669 | 46341 | 46999 | 47643 | 48272 |
| 35 | 44995 | 192 45680 | 46352 | 47010 | 47654 | 48283 |
| 36 | 45006 | 45692 | 46364 | 47021 | 47664 | 48293 |
| 37 | 45018 | 45703 | 46375 | 47032 | 47675 | 48303 |
| 38 | 45029 | 45714 | 188 46386 | 47043 | 47686 | 48314 |
| 39 | 45040 | 45726 | 46397 | 184 47054 | 47696 | 48324 |
| 40 | 45052 | 45737 | 46409 | 47064 | 180 47707 | 176 48335 |
| 41 | 45064 | 45748 | 46419 | 47074 | 47717 | 48345 |
| 42 | 45075 | 45760 | 46430 | 47086 | 47728 | 48355 |
| 43 | 45087 | 45771 | 46441 | 47097 | 47738 | 48366 |
| 44 | 45098 | 45782 | 46452 | 47108 | 47749 | 48376 |
| 45 | 45110 | 45793 | 46463 | 47119 | 47760 | 48386 |
| 46 | 45121 | 45805 | 46474 | 47129 | 47772 | 48390 |
| 47 | 45133 | 45816 | 46485 | 47140 | 47781 | 48407 |
| 48 | 45144 | 45827 | 46496 | 47151 | 47791 | 48417 |
| 49 | 45156 | 45839 | 46507 | 47163 | 47802 | 48427 |
| 50 | 45167 | 191 45850 | 46518 | 47172 | 47812 | 48438 |
| 51 | 45179 | 45861 | 46529 | 47183 | 47823 | 48448 |
| 52 | 45190 | 45873 | 46540 | 47194 | 47833 | 48458 |
| 53 | 45202 | 45884 | 187 46551 | 47205 | 47844 | 48469 |
| 54 | 45213 | 45895 | 46562 | 47216 | 47855 | 48479 |
| 55 | 45225 | 45806 | 46573 | 183 47226 | 179 47865 | 175 48489 |
| 56 | 45236 | 45917 | 46584 | 47237 | 47876 | 48499 |
| 57 | 45248 | 45928 | 46590 | 47248 | 47886 | 48510 |
| 58 | 45259 | 45940 | 46606 | 47259 | 47897 | 48520 |
| 59 | 45271 | 45951 | 46617 | 47269 | 47907 | 48530 |
| 60 | 45282 | 45962 | 46628 | 47280 | 47918 | 48541 |

Residuum Tabelle.

| D | 54 | 55 | 56 | 57 | 58 | 59 |
|----|-------|-----------|-----------|-----------|-----------|-----------|
| m | ptes | ptes | ptes | ptes | ptes | ptes |
| 1 | 48551 | 49159 | 49752 | 50329 | 158 50892 | 51439 |
| 2 | 48561 | 49169 | 49761 | 50339 | 50901 | 51448 |
| 3 | 48571 | 49179 | 49771 | 162 50348 | 50910 | 51456 |
| 4 | 48582 | 49189 | 49781 | 50358 | 50919 | 51465 149 |
| 5 | 48592 | 170 49199 | 49791 | 50367 | 50929 | 51474 |
| 6 | 48602 | 49209 | 166 49800 | 50377 | 50938 | 51483 |
| 7 | 48612 | 49219 | 49810 | 50386 | 50947 | 51492 |
| 8 | 48622 | 49229 | 49820 | 50396 | 50956 | 51501 |
| 9 | 48633 | 49239 | 49829 | 50405 | 50965 | 51510 |
| 10 | 48643 | 49249 | 49839 | 50415 | 50975 | 153 51519 |
| 11 | 48653 | 49258 | 49849 | 50424 | 50984 | 51528 |
| 12 | 48663 | 49268 | 49859 | 50434 | 50993 | 51537 |
| 13 | 48674 | 49278 | 49868 | 50443 | 51002 | 51546 |
| 14 | 48684 | 49288 | 49878 | 50452 | 51011 | 51555 |
| 15 | 48694 | 49298 | 49888 | 50462 | 157 51021 | 51564 |
| 16 | 48704 | 49308 | 49897 | 50471 | 51030 | 51573 |
| 17 | 48714 | 49318 | 49907 | 50481 | 51039 | 51582 |
| 18 | 48725 | 49328 | 49917 | 161 50490 | 51048 | 51591 |
| 19 | 48735 | 49338 | 49926 | 50500 | 51057 | 51600 |
| 20 | 48745 | 49348 | 49936 | 50519 | 51067 | 51608 148 |
| 21 | 48755 | 49358 | 165 49946 | 50518 | 51076 | 51617 |
| 22 | 48765 | 49368 | 49955 | 50528 | 51085 | 51626 |
| 23 | 48775 | 169 49378 | 49965 | 50537 | 51094 | 51635 |
| 24 | 48786 | 49388 | 49975 | 50547 | 51103 | 152 51644 |
| 25 | 48796 | 49398 | 49984 | 50556 | 51112 | 51653 |
| 26 | 48806 | 49408 | 49994 | 50565 | 51121 | 51662 |
| 27 | 48816 | 49417 | 50004 | 50575 | 156 51131 | 51671 |
| 28 | 48826 | 49427 | 50013 | 50584 | 51140 | 51680 |
| 29 | 48836 | 49437 | 50023 | 50594 | 51149 | 51688 |
| 30 | 48846 | 49447 | 50033 | 50603 | 51158 | 51697 |

Sinus recti.

| ° | 54 | 55 | 56 | 57 | 58 | 59 |
|----|-------|-------|-------|-------|-------|-------|
| m | ptes | ptes | ptes | ptes | ptes | ptes |
| 31 | 48857 | 49457 | 50042 | 50612 | 51167 | 51706 |
| 32 | 48867 | 49467 | 50052 | 50622 | 51176 | 51715 |
| 33 | 48877 | 49477 | 50062 | 50631 | 51185 | 51724 |
| 34 | 48887 | 49487 | 50071 | 50640 | 51194 | 51733 |
| 35 | 48897 | 49496 | 50081 | 50650 | 51203 | 51741 |
| 36 | 48907 | 49506 | 50090 | 50658 | 51213 | 51750 |
| 37 | 48917 | 49516 | 50100 | 50668 | 51222 | 51759 |
| 38 | 48927 | 49526 | 50110 | 50678 | 51231 | 51768 |
| 39 | 48937 | 49536 | 50119 | 50687 | 51240 | 51777 |
| 40 | 48948 | 49546 | 50129 | 50697 | 51249 | 51786 |
| 41 | 48958 | 49556 | 50138 | 50706 | 51258 | 51794 |
| 42 | 48968 | 49565 | 50148 | 50715 | 51267 | 51803 |
| 43 | 48978 | 49575 | 50158 | 50725 | 51276 | 51812 |
| 44 | 48988 | 49585 | 50167 | 50734 | 51285 | 51821 |
| 45 | 48998 | 49595 | 50177 | 50743 | 51294 | 51830 |
| 46 | 49008 | 49605 | 50186 | 50752 | 51303 | 51838 |
| 47 | 49018 | 49615 | 50196 | 50762 | 51312 | 51847 |
| 48 | 49028 | 49624 | 50205 | 50771 | 51321 | 51856 |
| 49 | 49038 | 49634 | 50215 | 50780 | 51330 | 51865 |
| 50 | 49048 | 49644 | 50224 | 50790 | 51339 | 51874 |
| 51 | 49058 | 49654 | 50234 | 50799 | 51348 | 51882 |
| 52 | 49068 | 49664 | 50244 | 50808 | 51357 | 51891 |
| 53 | 49078 | 49673 | 50253 | 50818 | 51367 | 51900 |
| 54 | 49088 | 49683 | 50263 | 50827 | 51376 | 51909 |
| 55 | 49099 | 49693 | 50272 | 50836 | 51385 | 51917 |
| 56 | 49109 | 49703 | 50282 | 50845 | 51394 | 51926 |
| 57 | 49119 | 49712 | 50291 | 50855 | 51403 | 51935 |
| 58 | 49129 | 49722 | 50301 | 50864 | 51412 | 51944 |
| 59 | 49139 | 49732 | 50310 | 50873 | 51421 | 51952 |
| 60 | 49149 | 49742 | 50320 | 50882 | 51430 | 51961 |

DR I

Residuum Tabelle

| D | 60 | | 61 | | 62 | | 63 | | 64 | | 65 |
|----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|
| m | ptes | | ptes | | ptes | | ptes | | ptes | | ptes |
| 1 | 51970 | 145 | 52485 | | 52985 | | 53468 | | 53935 | | 54385 |
| 2 | 51978 | | 52494 | | 52993 | | 53476 | | 53942 | 127 | 54393 |
| 3 | 51987 | | 52502 | | 53001 | 136 | 53484 | | 53950 | | 54400 |
| 4 | 51996 | | 52510 | | 53009 | | 53492 | | 53958 | | 54407 |
| 5 | 52005 | | 52519 | | 53017 | | 53499 | | 53965 | | 54415 |
| 6 | 52013 | | 52527 | | 53025 | | 53507 | | 53973 | | 54422 |
| 7 | 52022 | | 52536 | | 53034 | | 53515 | | 53981 | | 54429 |
| 8 | 52031 | | 52544 | | 53042 | | 53523 | | 53988 | | 54437 |
| 9 | 52039 | | 52553 | 140 | 53050 | | 53531 | 131 | 53996 | | 54444 |
| 10 | 52048 | | 52561 | | 53058 | | 53539 | | 54003 | | 54452 |
| 11 | 52057 | | 52569 | | 53066 | | 53547 | | 54011 | | 54459 |
| 12 | 52065 | | 52578 | | 53074 | | 53555 | | 54019 | | 54466 |
| 13 | 52074 | | 52586 | | 53083 | | 53563 | | 54026 | | 54473 |
| 14 | 52083 | 144 | 52595 | | 53091 | | 53570 | | 54034 | | 54481 |
| 15 | 52091 | | 52603 | | 53099 | 135 | 53578 | | 54041 | 126 | 54488 |
| 16 | 52100 | | 52611 | | 53107 | | 53586 | | 54049 | | 54495 |
| 17 | 52109 | | 52620 | | 53115 | | 53594 | | 54057 | | 54503 |
| 18 | 52117 | | 52628 | | 53123 | | 53602 | | 54064 | | 54510 |
| 19 | 52126 | | 52637 | | 53131 | | 53610 | | 54072 | | 54517 |
| 20 | 52135 | | 52645 | | 53139 | | 53617 | | 54079 | | 54525 |
| 21 | 52143 | | 52653 | | 53147 | | 53625 | | 54087 | | 54532 |
| 22 | 52152 | | 52662 | | 53156 | | 53633 | 130 | 54094 | | 54539 |
| 23 | 52161 | | 52670 | 139 | 53164 | | 53641 | | 54102 | | 54546 |
| 24 | 52169 | | 52678 | | 53172 | | 53649 | | 54109 | | 54554 |
| 25 | 52178 | | 52687 | | 53180 | | 53657 | | 54117 | | 54561 |
| 26 | 52186 | | 52695 | | 53188 | | 53664 | | 54125 | | 54568 |
| 27 | 52195 | 143 | 52704 | | 53196 | | 53672 | | 54132 | 125 | 54575 |
| 28 | 52204 | | 52712 | | 53204 | | 53680 | | 54140 | | 54583 |
| 29 | 52212 | | 52720 | | 53212 | 134 | 53688 | | 54147 | | 54590 |
| 30 | 52221 | | 52729 | | 53220 | | 53696 | | 54155 | | 54597 |

Sinus recti.

| S | 60 | 61 | 62 | 63 | 64 | 65 |
|----|-------|-----------|-----------|-----------|-----------|-----------|
| m | ptes | ptes | ptes | ptes | ptes | ptes |
| 31 | 52229 | 52737 | 53228 | 53703 | 54162 | 54604 |
| 32 | 52238 | 52745 | 53236 | 53711 | 54170 | 54612 |
| 33 | 52247 | 52754 | 53244 | 53719 | 54177 | 54619 |
| 34 | 52255 | 52762 | 53252 | 53727 | 54185 | 54626 |
| 35 | 52264 | 52770 | 138 53260 | 53734 | 129 54192 | 54633 |
| 36 | 52272 | 52778 | 53268 | 53742 | 54200 | 54641 |
| 37 | 52281 | 52787 | 53276 | 53750 | 54207 | 54648 |
| 38 | 52289 | 52795 | 53284 | 53758 | 54215 | 54655 |
| 39 | 52298 | 52803 | 53293 | 53765 | 54222 | 54662 |
| 40 | 52307 | 52812 | 53301 | 53773 | 54230 | 124 54669 |
| 41 | 52315 | 142 52820 | 53308 | 53781 | 54237 | 54677 |
| 42 | 52324 | 52828 | 53317 | 133 53789 | 54244 | 54684 |
| 43 | 52332 | 52836 | 53325 | 53796 | 54252 | 54691 |
| 44 | 52341 | 52845 | 53333 | 53804 | 54259 | 54698 |
| 45 | 52349 | 52853 | 53341 | 53812 | 54267 | 54705 |
| 46 | 52358 | 52861 | 53349 | 53820 | 54274 | 54712 |
| 47 | 52366 | 52869 | 53357 | 53827 | 54282 | 54720 |
| 48 | 52375 | 52878 | 53364 | 53835 | 128 54289 | 54727 |
| 49 | 52383 | 52886 | 137 53372 | 53843 | 54297 | 54734 |
| 50 | 52392 | 52894 | 53380 | 53850 | 54304 | 54741 |
| 51 | 52400 | 52902 | 53388 | 53858 | 54311 | 54748 |
| 52 | 52409 | 52911 | 53396 | 53866 | 54319 | 54755 |
| 53 | 52417 | 52919 | 53404 | 53873 | 54326 | 54762 |
| 54 | 52426 | 52927 | 53412 | 53881 | 54334 | 123 54770 |
| 55 | 52434 | 141 52935 | 53420 | 132 53889 | 54341 | 54777 |
| 56 | 52443 | 52944 | 53428 | 53897 | 54348 | 54784 |
| 57 | 52451 | 52952 | 53436 | 53904 | 54356 | 54791 |
| 58 | 52460 | 52960 | 53444 | 53912 | 54363 | 54798 |
| 59 | 52468 | 52968 | 53452 | 53919 | 54371 | 54805 |
| 60 | 52477 | 52976 | 53460 | 53927 | 54378 | 54812 |

Residuum Tabelle

| D | 66 | | 67 | | 68 | | 69 | | 70 | | 71 |
|----|-------|-----|-------|-----|-------|-----|-------|-----|-------|----|-------|
| m | pres | | pres | | pres | | pres | | pres | | pres |
| 1 | 54819 | 118 | 55237 | | 55637 | | 56021 | | 56387 | 99 | 56736 |
| 2 | 54826 | | 55244 | | 55644 | | 56027 | | 56393 | | 56742 |
| 3 | 54834 | | 55250 | 113 | 55650 | | 56033 | | 56399 | | 56748 |
| 4 | 54841 | | 55257 | | 55657 | | 56039 | | 56405 | | 56753 |
| 5 | 54848 | | 55264 | | 55663 | | 56046 | | 56411 | | 56759 |
| 6 | 54855 | | 55271 | | 55670 | | 56052 | | 56417 | | 56765 |
| 7 | 54862 | | 55277 | | 55676 | | 56058 | | 56423 | | 56770 |
| 8 | 54869 | | 55284 | | 55683 | 108 | 56064 | | 56429 | | 56776 |
| 9 | 54876 | | 55291 | | 55689 | | 56070 | | 56435 | | 56782 |
| 10 | 54883 | | 55298 | | 55696 | | 56077 | | 56441 | | 56787 |
| 11 | 54890 | | 55305 | | 55702 | | 56083 | 103 | 56446 | | 56793 |
| 12 | 54897 | 117 | 55311 | | 55709 | | 56089 | | 56452 | | 56798 |
| 13 | 54904 | | 55318 | | 55715 | | 56095 | | 56458 | 98 | 56804 |
| 14 | 54911 | | 55325 | | 55722 | | 56101 | | 56464 | | 56810 |
| 15 | 54918 | | 55332 | | 55728 | | 56108 | | 56470 | | 56815 |
| 16 | 54925 | | 55338 | 112 | 55735 | | 56114 | | 56476 | | 56821 |
| 17 | 54932 | | 55345 | | 55741 | | 56120 | | 56482 | | 56827 |
| 18 | 54939 | | 55352 | | 55747 | | 56126 | | 56488 | | 56832 |
| 19 | 54946 | | 55359 | | 55754 | | 56132 | | 56494 | | 56838 |
| 20 | 54953 | | 55365 | | 55760 | 107 | 56138 | | 56499 | | 56843 |
| 21 | 54960 | | 55372 | | 55767 | | 56145 | | 56505 | | 56849 |
| 22 | 54967 | | 55379 | | 55773 | | 56151 | | 56511 | | 56854 |
| 23 | 54974 | | 55385 | | 55780 | | 56157 | 102 | 56517 | | 56860 |
| 24 | 54981 | | 55392 | | 55786 | | 56163 | | 56523 | | 56866 |
| 25 | 54988 | 116 | 55399 | | 55793 | | 56169 | | 56529 | | 56871 |
| 26 | 54995 | | 55406 | | 55799 | | 56175 | | 56535 | 97 | 56877 |
| 27 | 55002 | | 55412 | | 55805 | | 56181 | | 56540 | | 56882 |
| 28 | 55009 | | 55419 | | 55812 | | 56188 | | 56546 | | 56888 |
| 29 | 55016 | | 55426 | 111 | 55818 | | 56194 | | 56552 | | 56893 |
| 30 | 55023 | | 55432 | | 55825 | | 56200 | | 56558 | | 56899 |

Sinus recti.

| 5 | 66 | 67 | 68 | 69 | 70 | 71 |
|-----|-----------|-----------|-----------|-----------|----------|----------|
| iii | ptes | ptes | ptes | ptes | ptes | ptes |
| 31 | 55030 | 55439 | 55831 | 56206 | 56564 | 56904 |
| 32 | 55037 | 55446 | 55837 106 | 56212 | 56570 | 56910 |
| 33 | 55044 | 55452 | 55844 | 56218 | 56575 | 56916 |
| 34 | 55051 | 55459 | 55850 | 56224 | 56581 | 56921 |
| 35 | 55058 | 55466 | 55856 | 56230 | 56587 | 56927 |
| 36 | 55065 | 55472 | 55866 | 56236 101 | 56593 | 56932 |
| 37 | 55072 115 | 55479 | 55869 | 56243 | 56599 | 56938 |
| 38 | 55079 | 55486 | 55876 | 56249 | 56604 | 56943 |
| 39 | 55086 | 55492 | 55882 | 56255 | 56610 96 | 56949 |
| 40 | 55092 | 55499 | 55888 | 56261 | 56616 | 56954 |
| 41 | 55099 | 55505 | 55895 | 56267 | 56622 | 56960 91 |
| 42 | 55106 | 55512 110 | 55901 | 56273 | 56628 | 56966 |
| 43 | 55113 | 55519 | 55907 | 56279 | 56633 | 56971 |
| 44 | 55120 | 55525 | 55914 | 56285 | 56639 | 56976 |
| 45 | 55127 | 55532 | 55920 105 | 56291 | 56645 | 56981 |
| 46 | 55134 | 55539 | 55926 | 56297 | 56651 | 56987 |
| 47 | 55141 | 55545 | 55933 | 56303 | 56656 | 56992 |
| 48 | 55148 | 55552 | 55939 | 56309 100 | 56662 | 56998 |
| 49 | 55154 | 55558 | 55945 | 56315 | 56668 | 57003 |
| 50 | 55161 114 | 55565 | 55952 | 56321 | 56674 | 57009 |
| 51 | 55168 | 55571 | 55958 | 56327 | 56679 95 | 57014 |
| 52 | 55175 | 55578 | 55964 | 56333 | 56685 | 57019 |
| 53 | 55182 | 55585 | 55970 | 56339 | 56691 | 57025 90 |
| 54 | 55189 | 55591 | 55977 | 56345 | 56696 | 57030 |
| 55 | 55196 | 55598 | 55983 | 56351 | 56702 | 57036 |
| 56 | 55202 | 55604 | 55989 | 56357 | 56708 | 57041 |
| 57 | 55209 | 55611 | 55996 | 56363 | 56714 | 57047 |
| 58 | 55216 | 55617 109 | 56002 104 | 56369 | 56719 | 57052 |
| 59 | 55223 | 55624 | 56008 | 56375 | 56725 | 57058 |
| 60 | 55230 | 55631 | 56014 | 56381 | 56731 | 57063 |

DR 3

Residuum Tabelle

| B | 72 | | 73 | | 74 | | 75 | | 76 | | 77 | |
|----|-------|----|-------|----|-------|----|-------|----|-------|----|-------|----|
| m | pres | | pres | | pres | | pres | | pres | | pres | |
| 1 | 57068 | | 57383 | | 57680 | | 57960 | | 58221 | 70 | 58466 | 65 |
| 2 | 57074 | | 57388 | | 57685 | | 57964 | | 58226 | | 58470 | |
| 3 | 57079 | | 57393 | | 57690 | | 57969 | | 58230 | | 58473 | |
| 4 | 57084 | | 57398 | | 57694 | | 57973 | | 58234 | | 58477 | |
| 5 | 57090 | | 57403 | | 57699 | | 57978 | | 58238 | | 58481 | |
| 6 | 57095 | 89 | 57408 | | 57704 | | 57982 | | 58242 | | 58485 | |
| 7 | 57101 | | 57413 | | 57709 | | 57987 | | 58247 | | 58489 | |
| 8 | 57106 | | 57418 | 84 | 57714 | | 57991 | | 58251 | | 58493 | |
| 9 | 57111 | | 57424 | | 57718 | | 57996 | | 58255 | | 58497 | |
| 10 | 57117 | | 57429 | | 57723 | 79 | 58000 | 74 | 58259 | | 58501 | |
| 11 | 57122 | | 57434 | | 57728 | | 58004 | | 58263 | | 58505 | |
| 12 | 57127 | | 57439 | | 57733 | | 58009 | | 58268 | 69 | 58508 | 64 |
| 13 | 57133 | | 57444 | | 57737 | | 58013 | | 58272 | | 58512 | |
| 14 | 57138 | | 57449 | | 57742 | | 58018 | | 58276 | | 58516 | |
| 15 | 57143 | | 57454 | | 57747 | | 58022 | | 58280 | | 58520 | |
| 16 | 57149 | | 57459 | | 57752 | | 58027 | | 58284 | | 58524 | |
| 17 | 57154 | | 57464 | | 57756 | | 58031 | | 58288 | | 58528 | |
| 18 | 57159 | 88 | 57469 | | 57761 | | 58036 | | 58292 | | 58532 | |
| 19 | 57165 | | 57474 | | 57766 | | 58040 | | 58297 | | 58535 | |
| 20 | 57170 | | 57479 | 83 | 57770 | | 58044 | | 58301 | | 58539 | |
| 21 | 57175 | | 57484 | | 57775 | | 58049 | | 58305 | | 58543 | |
| 22 | 57180 | | 57489 | | 57780 | 78 | 58053 | | 58309 | | 58547 | |
| 23 | 57186 | | 57494 | | 57785 | | 58058 | 73 | 58313 | | 58551 | |
| 24 | 57191 | | 57499 | | 57789 | | 58062 | | 58717 | 68 | 58555 | |
| 25 | 57196 | | 57504 | | 57794 | | 58066 | | 58321 | | 58558 | 63 |
| 26 | 57201 | | 57509 | | 57799 | | 58071 | | 58325 | | 58562 | |
| 27 | 57207 | | 57514 | | 57803 | | 58075 | | 58329 | | 58566 | |
| 28 | 57212 | | 57519 | | 57808 | | 58080 | | 58334 | | 58570 | |
| 29 | 57217 | | 57524 | | 57813 | | 58084 | | 58338 | | 58573 | |
| 30 | 57222 | 87 | 57529 | | 57817 | | 58088 | | 58342 | | 58577 | |

Sinus recti.

| 5 | 72 | 73 | 74 | 75 | 76 | 77 | |
|----|-------|----------|----------|----------|----------|----------|----|
| m | ptes | ptes | ptes | ptes | ptes | ptes | |
| 31 | 57228 | 57534 | 57822 | 58093 | 58346 | 58581 | |
| 32 | 57233 | 57539 | 82 57827 | 58097 | 58350 | 58585 | |
| 33 | 57238 | 57544 | 57831 | 58101 | 58354 | 58589 | |
| 34 | 57243 | 57548 | 57836 | 58106 | 58358 | 58592 | |
| 35 | 57249 | 57553 | 57841 | 75 58110 | 72 58362 | 58596 | |
| 36 | 57254 | 57558 | 57845 | 58114 | 58366 | 67 58600 | |
| 37 | 57259 | 57563 | 57850 | 58119 | 58370 | 58604 | 62 |
| 38 | 57264 | 57568 | 57854 | 58123 | 58374 | 58607 | |
| 39 | 57270 | 57573 | 57859 | 58127 | 58378 | 58611 | |
| 40 | 57275 | 57578 | 57864 | 58132 | 58382 | 58615 | |
| 41 | 57280 | 57583 | 57868 | 58136 | 58386 | 58619 | |
| 42 | 57285 | 57588 | 57873 | 58140 | 58390 | 58622 | |
| 43 | 57290 | 86 57593 | 57878 | 58145 | 58394 | 58626 | |
| 44 | 57296 | 57598 | 57882 | 58149 | 58398 | 58630 | |
| 45 | 57301 | 57602 | 81 57887 | 58153 | 58402 | 58633 | |
| 46 | 57306 | 57607 | 57891 | 76 58158 | 58406 | 58637 | |
| 47 | 57311 | 57612 | 57896 | 58162 | 71 58410 | 58641 | |
| 48 | 57316 | 57617 | 57900 | 58166 | 58414 | 66 58644 | |
| 49 | 57321 | 57622 | 57905 | 58170 | 58418 | 58648 | 61 |
| 50 | 57327 | 57627 | 57910 | 58175 | 58422 | 58652 | |
| 51 | 57332 | 57632 | 57914 | 58179 | 58426 | 58656 | |
| 52 | 57337 | 57637 | 57919 | 58183 | 58430 | 58659 | |
| 53 | 57342 | 57641 | 57923 | 58188 | 58434 | 58663 | |
| 54 | 57347 | 57646 | 57928 | 58192 | 58438 | 58667 | |
| 55 | 57352 | 85 57651 | 57932 | 58196 | 58442 | 58670 | |
| 56 | 57357 | 57656 | 57937 | 58200 | 58446 | 58674 | |
| 57 | 57362 | 57661 | 80 57941 | 58205 | 58450 | 58677 | |
| 58 | 57368 | 57666 | 57946 | 75 58209 | 58454 | 58681 | |
| 59 | 57373 | 57670 | 57951 | 58213 | 58458 | 58685 | |
| 60 | 57378 | 57675 | 57955 | 58217 | 58462 | 58688 | |

Residuum Tabelle.

| D | 78 | | 79 | | 80 | | 81 | | 82 | | 83 | |
|----|-------|----|-------|----|-------|----|-------|----|-------|----|-------|----|
| n | ptes | | ptes | | ptes | | ptes | | ptes | | ptes | |
| 1 | 58692 | 60 | 58900 | | 59091 | | 59264 | | 59418 | 40 | 59554 | 35 |
| 2 | 58696 | | 58904 | 55 | 59094 | 50 | 59267 | | 59420 | | 59557 | |
| 3 | 58699 | | 59907 | | 59097 | | 59269 | 45 | 59423 | | 59559 | |
| 4 | 58703 | | 59910 | | 59100 | | 59272 | | 59425 | | 59561 | |
| 5 | 58706 | | 58914 | | 59103 | | 59274 | | 59428 | | 59563 | |
| 6 | 58710 | | 58917 | | 59106 | | 59277 | | 59430 | | 59565 | |
| 7 | 58714 | | 58920 | | 59109 | | 59280 | | 59432 | | 59567 | |
| 8 | 58717 | | 58924 | | 59112 | | 59282 | | 59435 | | 59569 | |
| 9 | 58721 | | 58927 | | 59115 | | 59285 | | 59437 | | 59571 | |
| 10 | 58724 | | 58930 | | 59118 | | 59288 | | 59440 | | 59573 | |
| 11 | 58728 | | 58933 | | 59121 | | 59291 | | 59442 | | 59575 | |
| 12 | 58732 | | 58937 | | 59124 | | 59293 | | 59444 | | 59577 | 34 |
| 13 | 58735 | 59 | 58940 | 54 | 59127 | 49 | 59296 | 44 | 59447 | 39 | 59579 | |
| 14 | 58739 | | 58943 | | 59130 | | 59299 | | 59449 | | 59582 | |
| 15 | 58742 | | 58947 | | 59133 | | 59301 | | 59451 | | 59584 | |
| 16 | 58746 | | 58950 | | 59136 | | 59304 | | 59454 | | 59586 | |
| 17 | 58749 | | 58953 | | 59139 | | 59306 | | 59456 | | 59588 | |
| 18 | 58753 | | 58956 | | 59142 | | 59309 | | 59458 | | 59590 | |
| 19 | 58756 | | 58960 | | 59145 | | 59312 | | 59461 | | 59592 | |
| 20 | 58760 | | 58963 | | 59148 | | 59314 | | 59463 | | 59594 | |
| 21 | 58763 | | 58966 | | 59151 | | 59317 | | 59465 | | 59596 | |
| 22 | 58767 | | 58969 | | 59153 | | 59320 | | 59468 | | 59598 | |
| 23 | 58771 | | 58972 | | 59156 | | 59322 | | 59470 | | 59600 | |
| 24 | 58774 | | 58976 | | 59159 | | 59325 | | 59472 | | 59602 | |
| 25 | 58778 | 58 | 58979 | 53 | 59162 | 48 | 59327 | 43 | 59475 | 38 | 59604 | 33 |
| 26 | 58781 | | 58982 | | 59165 | | 59330 | | 59477 | | 59606 | |
| 27 | 58785 | | 58985 | | 59168 | | 59333 | | 59479 | | 59608 | |
| 28 | 58788 | | 58989 | | 59171 | | 59335 | | 59482 | | 59610 | |
| 29 | 58792 | | 58992 | | 59174 | | 59338 | | 59484 | | 59612 | |
| 30 | 58795 | | 58995 | | 59177 | | 59340 | | 59486 | | 59614 | |

Sinus recti.

| 5 | 78 | | 79 | | 80 | | 81 | | 82 | | 83 |
|----|-------|----|-------|----|-------|----|-------|----|-------|----|-------|
| m | ptes | | ptes | | ptes | | ptes | | ptes | | ptes |
| 31 | 58798 | | 58998 | | 59080 | | 59343 | | 59488 | | 59616 |
| 32 | 58802 | | 59001 | | 59082 | | 59346 | | 59491 | | 59618 |
| 33 | 58805 | | 59004 | | 59085 | | 59348 | | 59493 | | 59620 |
| 34 | 58809 | | 59007 | | 59088 | | 59351 | | 59495 | | 59622 |
| 35 | 58812 | | 59011 | | 59091 | | 59353 | | 59498 | | 59624 |
| 36 | 58816 | | 59014 | | 59094 | | 59356 | | 59500 | | 59626 |
| 37 | 58819 | 57 | 59017 | 52 | 59097 | 47 | 59358 | | 59502 | 37 | 59628 |
| 38 | 58823 | | 59020 | | 59100 | | 59361 | 42 | 59504 | | 59629 |
| 39 | 58826 | | 59023 | | 59102 | | 59363 | | 59506 | | 59631 |
| 40 | 58830 | | 59026 | | 59105 | | 59366 | | 59509 | | 59633 |
| 41 | 58833 | | 59029 | | 59108 | | 59369 | | 59511 | | 59635 |
| 42 | 58836 | | 59033 | | 59111 | | 59371 | | 59513 | | 59637 |
| 43 | 58840 | | 59036 | | 59114 | | 59374 | | 59515 | | 59639 |
| 44 | 58843 | | 59039 | | 59116 | | 59376 | | 59518 | | 59641 |
| 45 | 58847 | | 59042 | | 59119 | | 59379 | | 59520 | | 59643 |
| 46 | 58850 | | 59045 | | 59122 | | 59381 | | 59522 | | 59645 |
| 47 | 58853 | | 59048 | | 59125 | | 59384 | | 59524 | | 59647 |
| 48 | 58857 | | 59051 | | 59128 | | 59386 | | 59526 | 36 | 59649 |
| 49 | 58860 | | 59054 | | 59130 | 46 | 59389 | | 59529 | | 59650 |
| 50 | 58864 | 56 | 59057 | 51 | 59133 | | 59391 | 41 | 59531 | | 59652 |
| 51 | 58867 | | 59060 | | 59136 | | 59394 | | 59533 | | 59654 |
| 52 | 58870 | | 59064 | | 59139 | | 59396 | | 59535 | | 59656 |
| 53 | 58874 | | 59067 | | 59142 | | 59398 | | 59537 | | 59658 |
| 54 | 58877 | | 59070 | | 59144 | | 59401 | | 59539 | | 59660 |
| 55 | 58880 | | 59073 | | 59147 | | 59403 | | 59542 | | 59662 |
| 56 | 58884 | | 59076 | | 59150 | | 59406 | | 59544 | | 59663 |
| 57 | 58887 | | 59079 | | 59153 | | 59408 | | 59546 | | 59665 |
| 58 | 58890 | | 59082 | | 59155 | | 59411 | | 59548 | | 59667 |
| 59 | 58894 | | 59085 | | 59158 | | 59413 | | 59550 | | 59669 |
| 60 | 58897 | | 59088 | | 59161 | | 59416 | | 59552 | | 59671 |

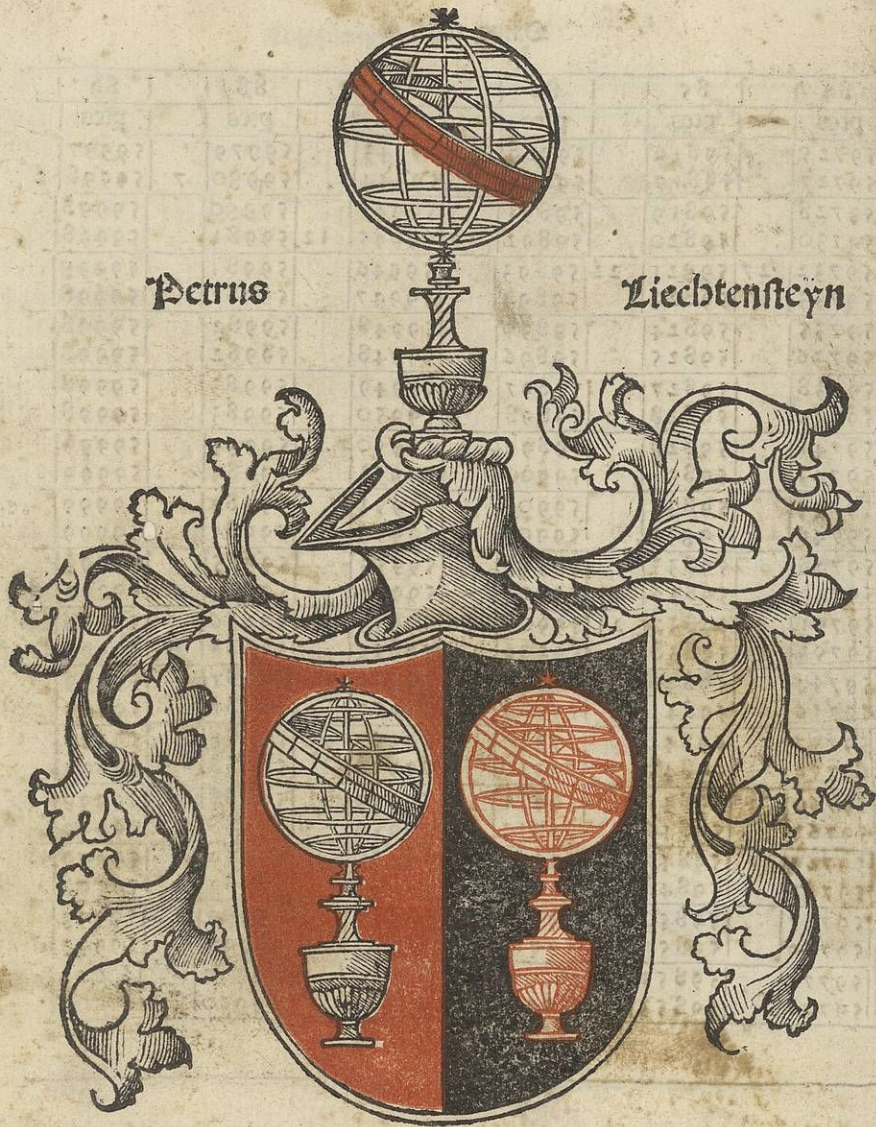
Complementi Tabelle

| 6 | 84 | | 85 | | 86 | | 87 | | 88 | | 89 |
|----|-------|----|-------|----|-------|----|-------|----|-------|----|-------|
| m | ptes | | ptes | | ptes | | ptes | | ptes | | ptes |
| 1 | 59673 | 30 | 59773 | 25 | 59855 | 20 | 59918 | 15 | 59964 | 10 | 59991 |
| 2 | 59674 | | 59774 | | 59856 | | 59919 | | 59964 | | 59991 |
| 3 | 59676 | | 59776 | | 59857 | | 59920 | | 59965 | | 59991 |
| 4 | 59678 | | 59777 | | 59858 | | 59921 | | 59965 | | 59992 |
| 5 | 59680 | | 59779 | | 59859 | | 59922 | | 59966 | | 59992 |
| 6 | 59682 | | 59780 | | 59861 | | 59923 | | 59967 | | 59992 |
| 7 | 59683 | | 59782 | | 59862 | | 59924 | | 59967 | | 59992 |
| 8 | 59685 | | 59783 | | 59863 | | 59924 | | 59968 | | 59993 |
| 9 | 59687 | | 59785 | | 59864 | | 59925 | | 59968 | 9 | 59993 |
| 10 | 59689 | | 59786 | | 59865 | 19 | 59926 | 14 | 59969 | | 59993 |
| 11 | 59691 | | 59788 | 24 | 59866 | | 59927 | | 59969 | | 59993 |
| 12 | 59692 | 29 | 59789 | | 59868 | | 59928 | | 59970 | | 59994 |
| 13 | 59694 | | 59791 | | 59869 | | 59929 | | 59970 | | 59994 |
| 14 | 59696 | | 59792 | | 59870 | | 59930 | | 59971 | | 59994 |
| 15 | 59698 | | 59793 | | 59871 | | 59930 | | 59972 | | 59994 |
| 16 | 59699 | | 59795 | | 59872 | | 59931 | | 59972 | | 59995 |
| 17 | 59701 | | 59796 | | 59873 | | 59932 | | 59973 | | 59995 |
| 18 | 59703 | | 59798 | | 59874 | | 59933 | | 59973 | | 59995 |
| 19 | 59705 | | 59799 | | 59876 | | 59934 | | 59974 | | 59995 |
| 20 | 59706 | | 59801 | | 59877 | | 59935 | | 59974 | 8 | 59995 |
| 21 | 59708 | | 59802 | | 59878 | | 59935 | | 59975 | | 59996 |
| 22 | 59710 | | 59803 | | 59879 | 18 | 59936 | 13 | 59975 | | 59996 |
| 23 | 59711 | 28 | 59805 | 23 | 59880 | | 59937 | | 59976 | | 59996 |
| 24 | 59713 | | 59806 | | 59881 | | 59938 | | 59976 | | 59996 |
| 25 | 59715 | | 59808 | | 59882 | | 59939 | | 59977 | | 59996 |
| 26 | 59717 | | 59809 | | 59883 | | 59939 | | 59977 | | 59997 |
| 27 | 59718 | | 59810 | | 59884 | | 59940 | | 59978 | | 59997 |
| 28 | 59720 | | 59812 | | 59885 | | 59941 | | 59978 | | 59997 |
| 29 | 59722 | | 59813 | | 59887 | | 59941 | | 59978 | | 59997 |
| 30 | 59723 | | 59815 | | 59888 | | 59942 | | 59979 | | 59997 |

Sinus recti.

| B | 84 | 85 | 86 | 87 | 88 | 89 |
|----|----------|----------|----------|----------|---------|---------|
| m | ptes | ptes | ptes | ptes | ptes | ptes |
| 31 | 59725 | 59816 | 59889 | 59945 | 59979 | 59997 |
| 32 | 59727 | 59817 | 59890 | 59944 | 59980 | 59998 2 |
| 33 | 59728 | 59819 | 59891 | 59945 | 59980 | 59998 |
| 34 | 59730 | 59820 | 59892 17 | 59945 12 | 59981 | 59998 |
| 35 | 59732 27 | 59821 22 | 59893 | 59946 | 59981 | 59998 |
| 36 | 59733 | 59823 | 59894 | 59947 | 59982 | 59998 |
| 37 | 59735 | 59824 | 59895 | 59948 | 59982 | 59998 |
| 38 | 59736 | 59825 | 59896 | 59948 | 59982 | 59998 |
| 39 | 59738 | 59827 | 59897 | 59949 | 59983 | 59998 |
| 40 | 59740 | 59828 | 59898 | 59950 | 59983 | 59998 |
| 41 | 59741 | 59829 | 59899 | 59950 | 59984 | 59999 |
| 42 | 59743 | 59831 | 59900 | 59951 | 59984 | 59999 |
| 43 | 59744 | 59832 | 59901 | 59952 | 59984 | 59999 |
| 44 | 59746 | 59833 | 59902 | 59953 | 59985 | 59999 |
| 45 | 59748 | 59835 | 59903 | 59953 | 59985 | 59999 |
| 46 | 59749 | 59836 | 59904 | 59954 | 59986 | 59999 |
| 47 | 59751 | 59837 21 | 59905 16 | 59955 11 | 59986 | 59999 |
| 48 | 59753 26 | 59838 | 59906 | 59955 | 59986 6 | 59999 1 |
| 49 | 59754 | 59840 | 59907 | 59956 | 59987 | 59999 |
| 50 | 59756 | 59841 | 59908 | 59957 | 59987 | 59999 |
| 51 | 59757 | 59842 | 59909 | 59957 | 59987 | 59999 |
| 52 | 59759 | 59843 | 59910 | 59958 | 59988 | 59999 |
| 53 | 59760 | 59845 | 59911 | 59959 | 59988 | 59999 |
| 54 | 59762 | 59846 | 59912 | 59959 | 59988 | 59999 |
| 55 | 59764 | 59847 | 59913 | 59960 | 59989 | 59999 |
| 56 | 59765 | 59848 | 59914 | 59960 | 59989 | 59999 |
| 57 | 59767 | 59850 | 59915 | 59961 | 59989 | 59999 |
| 58 | 59769 | 59851 | 59915 | 59962 | 59990 | 59999 |
| 59 | 59770 | 59852 | 59916 | 59962 | 59990 | 60000 |
| 60 | 59771 | 59853 | 59917 | 59963 | 59990 | 60000 |

Finis



Petrus

Liechtenstejn

passivus ira se p o quo actio respectu cognito-
nis puenit aie: no tñ ibet ira se sufficere actiui pro
quāto actio puenit obcto: q sic est ut tabula nuda
ut dī 3 de aia. est igit itell's agēs quo est oia face-
uerz est iquātū actio cōpetit aie respectu cognitiōis
z nō iquātū obctū est actiui. ¶ Ad cōfirmationē
rōnis dico ad maiore q nā qñqz accipit p pñ in
trifeco mor' ut getis. pur describit 2. phy. qñqz p
pñ actiui nālit: pur nā distinguit 2 ante inue p pōsi-
tū pp oppositū modū pncipiadi. pmo mō no est ue-
ra maior: q nō cōtridit oī passiuo nālit pncipius
actiui q sic fit nā: qz mltā sē nālit receptiua alicu-
ius pfectiōis: cui' nō hnt pñ m. intrinsicū actiuum.
2° nō etiā ppō maior est falsa in gōus dīs: qñ. Inā
pp sui excellentiā ordinat nālit ad recipiēdū pfe-
ctiōne ira eminetes q nō possit sbeffe calitātē age-
tus nālis 2 mō dicti. z ita est in pposito. Cū pbat
maior dico q potētia passiuā nō est frustra: qz l5 p
agēs nāle nō possit pncipali' reduci ad actū: tñ pōt
p tale agēs dispo ad ipm i ducā: z pōt p aliqō agēs
in nā. in tota coordinatiōe emitt: pura p agēs sup
nāle cōplete reduci ad actū. Si aut obicit q illo
vilitat nās qz ipa nō possit pleg pfectiōne sua ex
nālit' 2 cū nā minus deficiat in nobilitatib' 2 ex 2 ce
li z mūdī. ¶ pē: si felicitas nra cōsisteret in specta-
tiōe illa suprema ad qlem possim' nūc nālit attri-
gere: nō diceret pbs nām deficere in necēs. nūc autē
pcedo illam posse nālit' haberi: z ultra hoc dico
qz eminentiores posse nālit' recipi. ergo in hoc

nālit' motū itell's nri: qz nullū tale vūaliter in
cluidit aliqua nōtiā istarū veritatū etiā nec obctu-
r: igit opz q in causando etiā istaz obcturā aliqū
ter suppleat vice obcti supnālis. ¶ Differentia isto-
rū duo 3 modoz ponēdi supnālitatē nōtie reuela-
te p5: sepando vnum ab alio: puta si agēs supnāle
causaret nōtiā obcti nālis: ut si sfunderet geome-
triā alicui illa eēt supnālis pmo mō: z nō 2° mō. si
aut sfunderet nōtiā hui' de est trinus. uel silius:
hec supnālis eēt utrozqz mō: qz scōs infert p mōz: l5
nō eōt uerō ubi aut est primus tantū ibi nō est ne-
cesse qz sit sic supnālis qn naturaliter possit ha-
beri. ubi vō est sectidus modus est necessitas ut su-
pernaturaliter habeat: qz naturalit' hēri non pōt.

Tres rōnes pme qbus inuit ista solo conūtr
manī p auctes. pmo per auctem Aug.
de ciui. lib. 8. c. 4. i. Philosophi inqt nescientes
ad que finē referēda ista eēt iter falsa que locuti
sunt uerū vidē potuerūt. 12^a rō pfirmat per Aug.
ii. de ciui. c. 2. Quid pdest nosse quo eundus sit: si
ignorat via qua eundus sit: in b eni errabat pbt: qz
z si aliq de vrbūb' uera tradiderūt. tñ falsa miscue-
runt f3 auctes pcedentē Aug. z p5 ex eoz libris.
Improbat eni Arist. politias dispositas a multis
alijs 2° politicoz: s5 nec illa Arist. est irrefpēnsibi-
lis. 7. polit. ubi docet deos eē honorados. Decet
inqt cultū erhibē dōs. Et ibidē. Lex nullū orbant
tradit nutrit. Et in eodē l^o z cap. 15. dic q opz s5
tri abozluz in casu. s3 rō pfirmat p Aug. ii. de ciui.

c. 7. nel. 5.
c. 10. ut. 15.

facto: qd no est alligat⁹ factis. 7 tñe gra no dat n⁹
 ne hitu fidel theologic: ita qd h⁹ hitu theologic: is
 no possit exte⁹ facti sic nec baptizat⁹ nisi istuua.
 7 is no sit p⁹dictio gras dare sine fide cu sint hitus
 disticti 7 in diuersis potetis: uti sicut in baptismo
 ponit similtas in istuone: ita in pposito pot ponit
 similtas in casu isto. no eni⁹ minus gratiosus est
 deus illi que ppter meritū de p⁹mo iustificat sine
 facto qd illi que sine omni merito p⁹mo iustificat sine
 susceptioe factis: sed possibile est deo de potetia ab
 soluta quelibet saluare 7 et facte qd mercaf g⁹tas si
 he fide infusa: si sine illa det gras: quā hñs bñ una
 tu ea quatu ad uelle qd pot hēre p⁹ nate cogniti
 onem 7 fide acq⁹tas uel sine omni fide acq⁹tas si
 doctor⁹ est: sed de potetia ordinata no tenet sine
 fidel hitu pcedat: qd sine illa no ponit gra istudi:
 no tñ ppter idigetia qis sine illa no sufficeret: sed
 ppter liberalitate diuinā que totū reformat ius
 bolem: in hui⁹ et ptece et hō disposi⁹ quatu ad
 assensū quortūda ueroz sine fide infusa. 7 sicut in
 hitus erit: sed idudat fide infusa 7 acq⁹tas articulo
 ru 7 alioz: tenetoz: ad deo in scriptura: ita qd no
 est tñ hic infusa nec acq⁹tas tñ: is sit ambe. 7 tñ igitur
 tur theologia nēcia loquedo de potetia ordinata 7
 loquedo de pncipal hitu sine pot⁹ pntēre ad the
 ologia que est fides infusa: 7 hoc gñatū qñtu ad oēz
 no sic aut quatu ad scēz hitū que icludat qui est si
 des acq⁹tas: sed forte de potetia ordi data est nēcia
 in adultio potetē. hēre doctore 7 et inrelligere: 7
 hoc quatu ad aliquoz gñalium fidem acq⁹tas.

Questio pncipal arguit sic. **O**rdinatus ad
 Me sine ad que est se indispo

et⁹ efficitur si et⁹ pbatū qd hō ordinat⁹ finalit⁹ ad co
 gnitionē supnāle. cuius p⁹batio pnter ad gōne de
 bitudine. Et tñ cu hoc ostēderet⁹ cognitionē nālem
 no sufficēter disponē pro statu isto ad cognitionē
 supnālem psequēda. **S**ed a rō petit uno. s. aliq
 rus cognitionē et nēciam que no pnt cognoscā per
 viam sensuū. Et qd lumine intellectus agētis est ad ta
 la cognoscibilia limitatus. Tres ergo p⁹me rōnes
 probabiliōres apparent.

Ad gōne

igit⁹ rñdeo distinguēdo pmo qñ
 et⁹ aliqd dicit⁹ supnāle. potetia
 enim receptiua cōparat⁹ ad actū que⁹ recipit. uel ad
 agēs a quo recipit. **P**rimo mo ipa est potentia
 nālis uel violēta uel neutra. nālis si nāliter telinet.
 violēta si sit p⁹tra inclinatioē nāle. neutra si neqz i
 clinat ad ista formā neqz ad oppositā. In hac aut
 cōparatione nulla est supnālitas. Sed cōparando
 receptiuū ad agēs a quo recipit formās est nālitās
 qñ receptiuū cōparat⁹ ad tale agēs: qd natū est nā
 liter impnerē talē formā in tali passo. **S**upnālitas
 autem quado comparatur ad tale agēs: qd no est
 naturaliter imbfimū illius forme in illud passum.

Integ⁹ hēc distinctio ad ppositū applicet⁹
 itē arguit⁹ multip⁹ rās qd distinctio
 nālis 7 violētū sumat⁹ ex cōparatioē passi ad agēs:
 no tñ ex cōparatioē et⁹ ad foiaz: qz qd distinctio nā
 lis 7 supnāle sumat⁹ ex cōparatioē passi ad foiaz:
 no tñ ex cōparatioē et⁹ ad agēs: que argumēta no
 ponunt⁹ hic. **S**olo rōnis appet⁹ qz illō est pōte ca
 alertus quo posito circūscripro uel uariata qz qz
 alio sequit⁹ effect⁹: nūc aut⁹ is forma p⁹tra quā in diti
 nat⁹ receptiuū no inducat⁹ nisi per agēs violentas
 passum nec agēs supnāle supnāliter⁹ nisi idū

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