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Contact:
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Telephone: +43(732) 7720-53100

geſimariâ, & exſcribe reſpondentes illis in Quadrivicenariâ, easque redige in ſummam, ſic.

15.20
4. 5. *Diſſolutio Numeri ſignificantis Scrupula Diei.*
3.35.
6. 8 2.40.
1.38 2.10
Horæ & Minuta ſingulis membris Scrupulariis reſpondentia. 1.26 2. 0.
1. 4
0.52.
0.48.

Hor. 6°.9′.39.27.4.52.40‴. Tanta eſt appendix Horaria ad dies 365°. ſeu ad 6ˢ. 5°. quâ exprimitur longitudo Anni Siderii.

DE CONVERSIONE HORARUM ET MINUTORUM IN Tempora ſeu Partes & Scrupula Æquatoris, & viciſſim.

ALTER uſus Columellarum, Logarithmos proximè circumſtantium, eſt in converſione HORARUM in Tempora Æquatoris, & viciſſim, horum in illas. Suppletúrque per eum, uſus columnæ horariæ, in TABULIS DOMORUM, quæ ſolent Ephemeridibus præfigi. Eſt autem hic quoque uſus accommodatus formæ Heptacoſiadis potiùs quàm formæ Chiliadis. Locus eſt huic operarioni in Parallaxibus Lunæ, in Æquatione Temporis, in Siderum exortibus, & paſſim. Differt à priori, unâ ſolâ re, quòd in converſione Horarum in Partes Æquatoris, poſtquàm facta fuerit excerptio ex Sexageſimariâ, excerptorumq; additio: Summa conflata, eſt ſextuplicanda, & exaltanda ſpecies, apicibus unitate diminutis; quia ſexageſima, 60′. tunc valent gradus Æquatoris, 360°. Viciſſim in converſione Temporum Æquatoris in Horas, ſtatim initio ſumenda eſt illorum pars ſexta, ejusq; apicibus unitate auctis, deprimenda ſpecies: & tunc cum hac ſexta parte agendum ut præcepto priori. Cætera loquetur Typus operationis.

Vide ſupplem. fol. 130.

PRÆCEPTUM 17.

Quæritur, Horæ 19°.25′.37″, quot faciant gradus (ſeu Tempora) & ſcrupula Æquatoris.

Horæ 19.24′. dant ex Sexag. 48′.30″.
1.36 *dant* --- --- 4 0.
1. 0 *dant* --- --- 2.30.

Summa. 48′.34″ 2‴.30ⁱᵛ.

Hujus Summæ Sextuplum, auctis apicibus, fiet 291°.24′.15″.0‴. *Tot fiunt partes Æquatoris.*

Viciſſim quæritur, Gradus 259°.34′.17″. *Æquatoris, quot faciant horas. Erit ſumenda pars ſexta, auctis apicibus, ſcilicet* 43′.15″.42‴.50ⁱᵛ.

Ergo 43′.15″. *in Sexag. dant ex Quadrivicen. H.* 17.18
0.40. *dant* --- --- 0.16.
2.50. *dant* --- --- 1.18.

Summa ſit Horarum 17ʰ.18′ 17″8.

Notabis fol. 6. in ſex. priv excidiſſe characterem 2. legendumq; 2.15.26.

Tantum de uſu præcipuo Heptacoſiadis, pro Tabularum iſtarum inſtituto dixiſſe ſufficiat in genere. Quòd ſicubi etiam aliis uſibus ea minùs ſolennibus ſerviet, id ſuis indicabitur locis.

Quæ verò Heptacoſiadis hujus utilitates ultra metas Tabularum iſtarum ſeſe proferunt; eæ peti poſſunt ex Supplemento Chiliadis: pleræq; enim ibi relatæ, quadrant etiam huc: tantùm ut memineris, columellarum Chiliadis ordinem eſſe diverſum ab Heptacoſiade. *Heptacoſiadis latius patet uſus.*

Excipio verò ea, quæ Supplementi Capite VIII. & paſſim docentur de numeris ABSOLUTIS, qui hîc deſunt; quia diverſum Heptacoſiadis hujus inſtitutum eſt, ab illâ Chiliade. *Suppl. f. 178.*

Quanquàm, ut hoc obiter moneam, ad tractandos illos Abſolutos, nec Chilias illa mea ſatis eſt apta, (non equidem eo fine compoſita) nec ipſa adeò NEPERIANA Logarithmorum forma, decreſcentium: quam in hac Heptacoſiade retinui, ut aptiſſimam Logiſticæ. Altera enim forma, creſcentium, quam excoluit EDMUNDUS BRIGGIUS Britannus, edito magno opere in folio, hæc inquam multiplicandis in ſe invicem dividêdisve Numeris abſolutis, quàm velis ſcrupuloſiſſimè, multò eſt ſufficientiſſima & expeditiſſima. Quod uno verbo monuiſſe expedit: ut ſciant Arithmetici, unde petendum ſit ipſis ſubſidium, levandis difficultatibus iis, quæ ſupplementi mei Cap. VIII. paſſimq;, circa numeros abſolutos occurrunt. *At non in tractandis numeris abſolutis.* *EDMVNDI BRIGGII Logarithmi forma diverſa.* *Vide ſuppl. f. 181. 182. confeſſionem*

CAPUT VIII.

DE ORDINATIONE, CANONIS LOGARITHMORVM, MESOLOGARITHMORVM, ET ANTILOGARITHMORVM, in his Tabulis exhibiti: Et quomodo ſit excerpendus cujusq; Arcûs vel Anguli Logarithmus, quomodo Antilogarithmus: quomodo viciſſim cujuſq; Logarithmi vel Antilogarithmi Arcus vel Angulus.

A. f. 12. inf. 19. Tabb. Item f. 22. & 23.

BREVITER indicandum eſt Calcutori, quod aliis in libris docetur prolixiùs, LOGARITHMUM eſſe Numerum, formæ, non Logiſticæ cum titulis ſeu apicibus, ſed ſimplicis & vulgaris, quo indicatur proportio, quam habet Sinus cujuſque Arcûs circuli ad Sinum totum ſeu Semidiametrum: ANTILOGARITHMUM verò exprimere proportionem Sinûs Complementi cujuſque Arcûs; quem Gunterus Anglus *Co-Sinum* appellat. *Quid Logarithmus?* *Gunteri Cosinus.*

Nomen ANTILogarithmi deſumptum eſt ex noviſſima ordinatione Canonis Sinuum à Georgio Joachimo Rhetico, Valentino Othone in opere Palatino, ab Adriano Romano, Chriſtophoro Clavio, Landſpergio, Pitiſco, aliisque uſurpata; in qua unum in conſpectum veniunt. Arcus quiſque, & complementum ejus ad Quadrantem; ille quidem in Fronte & Margine ſiniſtro, iſte verò in Calce & Margine dextro: qua ratione fit, ut in eâdem lineâ exhibeantur, ſinus Arcûs ad Siniſtram, & ſinus Complementi ad dextram: *Quid Antilogarithmus.*