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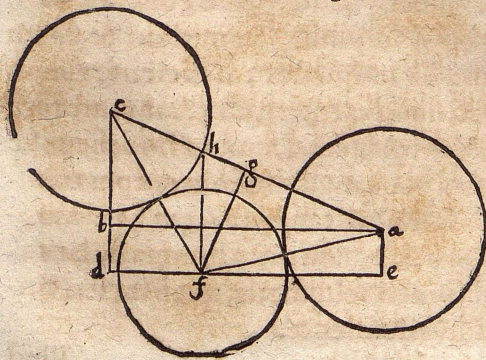
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Fine Eclipsis ascensio recta Solis (16.50.  $\kappa$ ) 347.54. Adde 8°. tempora distantia Solis à meridiano, fiet ascensio recta M.C. 355°.54'. cum quo in meridiano est 25°.32'  $\kappa$ . Et huius declinatio 1°.47'. Australis, scilicet M.A. Ergo M.V. 57°.43'. Oritur autem eo momento 27°.43'  $\pi$ . & N 27°.43'  $\nu$ . Ergo M.N. 32°.11'. Et N.V. 50°.44'. Eiusque complementum 39°.16'. quibus excerpo parallaxes Lunæ à Sole latitudinis 46'.3". Longitudinis titularem 37'.39". Et cum sit Sol in 16.50  $\kappa$ . Nonages. in 27°.43'  $\nu$ . Ergo S.N. est 40.53. Minuo circiter 25. minutis, quibus Luna Solem sequitur ad visum, vt fiat 40°.28'. quo cum sub titulis iam inuentis 37'.39". excerpo iustam longitudinis Lunæ à Sole parallaxin 24'.26". in occidentem. Hæc iterum in parato sint.

Iam quia tempus intermedium est H. 2.29'. & horarius Lunæ à Sole 32'.50". Ergo motus Lunæ 1°.21'.32". Quanto arcu circa nodos variatur latitudo circa distantiam à nodo graduum decem, per 6'.57". (posito latitudinis angulo 4°.58'  $\frac{1}{2}$ .) Et quia Luna ascendit in septentrionem: Ergo in fine latitudo vera Borea per 6'.57". maior erit. Sed & ob parallaxin visibilis latitudo augetur. Nam in principio fuit parallaxis latitudinis Lunæ à Sole 56'.22". in fine 46'.3". differentia 10'.19". quæ accrescit differentia visarum latitudinum. Adde ergo ad 6'.57". prodit 17'.16". visa latitudinis excessus in fine super initialem. Eodem modo cum utraq; longitudinis parallaxis Lunam retardet, minorem 0'.48". à maiori 24'.26". aufero, restat 23'.38". retardatio, hæc vicissim à vero Lunæ motu ablata, qui fuit 1°.21'.32". relinquit 57'.54". visum motum Lunæ à Sole

intra tempus durationis proditum. Exponatur recta quædam BA representans visum motum Lunæ 57'.54". eiq; ad rectos agatur BC longitudine 17'.16". differentia visarum latitudinum: connexa igitur CA erit visa via Lunæ. Super



Ddd

per