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maximum quadrare. Quare falsi essent modi obseruandi loca siderum per filum & per regulas. Igitur ut supra capit. 6. dictum, alia curuitatis huius occasio quærenda est, aut si nequit inueniri, relinquendum hoc phænomenon inter arcana Naturæ.

CAP V T. X.

De motibus siderum fundamenta Optica.

CVm sint nobis in astronomia propositi ad contemplandum cœlorum motus, omnia verò, quæ discimus, prius veniant in sensus, operæ prætium est pendere, an cœlorum motus immediatè incurvant sensum oculorum, & quænam contingat deceptions visus in motibus cœlestibus. Sic exordiamur.

Omne quod mouetur, in loco mouetur, motus enim est loci mutatio. At locus tribuitur superficie, quæ continet mobile. Comprehendens verò maius est comprehenso, & loca cedens eo quod loca occupat. Totum enim parte maius est, id vero quod comprehendit & capit, cum eo quod capit, totum quippiam est.

Sequitur ergo è conuerso, vt inter duas res, quæ motu separantur ab inuicem, id, quod maius esse videtur, loci rationem obtineat in visione, reliquum locati. Nam vt motus in loco, sic visibilis motus est in loco visibili. Quare cùm quies loco competit, ergo quod maius visitur, id quiescere, quod verò minus, moueri putabitur, etiam si contrarium in rei veritate accidat. Nulla siquidem existit comprehensio motus per visum, nisi comparatione facta ad aliqua quiescentia.

Sed evidentius huius rei causa petitur ex visionis forma. Nam cùm oculus sphæricus sit, & insuper multis refractionibus vratatur, sit ut uno & eodem obtutus plus quam hemisphærii species simul in oculum influat: & tamen ex toto hoc hemisphærio vix exigua particula directè cernitur & distinctè, ea scilicet, quæ in medio hemisphærii est, circumiectæ partes omnes magis magisque