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manuum, & rapidus Solis motus, punctorum con-  
signationem plurimum turbat. Ergò ad meum instrumentum.

Problema VIII.

*Speciem siue radium Solis deficientis, ut is figuratur in  
instrumento, punctis excipere.*

Fit ut in antecedenti, & paulò maiori certitudine. Nam in-  
strumentum præstat, ne mihi mutatione circulorum opus sit,  
neue accessu recessuque. Etenim qua die futura est eclipsis,  
quantitas radii Solis in instrumento notatur accuratè, tantæ-  
que quantitatis circulus describitur, qui tabellæ applicatus cir-  
cumgestatur vndique, semperque toto illo die radium Solis cer-  
tò æquat. In signatione tamen punctorum eadem querela, quæ  
prius. Nam ad omnia momenta transfertur Solis radius, itaque  
& transtrum & regula in transtro vna transferenda est inter con-  
signandum. Vtere tamen hac cautione. Punctum signa vnum,  
cum exterior radii circûferentia exactè quadrat in circulû. Inde  
translato instrumento radium præuenias: interea dum radius  
sequatur, tu locum, alteri puncto signando, notabis oculis. Et  
proderit spectatorem adesse, qui tibi intento in alterum lim-  
bum, significet, quando ex altera parte in punctum iam signa-  
tum limbus rursus incidat. Inde iterum applicabis proba-  
tionis causa; & cito, priusquam crescat defectus aut decrescat  
sensibiliter. Cæterum hæc species adulterata est. Sequitur ergò

Problema IX.

*Ex specie instrumenti seu radio  
quantumuis adulterato, veram Solis  
deficientis speciem elicere.*

Continuetur enim circulus,  
in quo tria puncta signata sunt,  
scilicet H B F. constituto eius  
centro L. Id erit Lunaris corpo-  
ris centrum. Inde ad LB. appo-  
natur BA semidiameter fene-  
stræ, & centro L. distantia LA  
scribatur circulus DAC corpus

Yy Lunæ

