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OLPHI PRÆCEPTA

3

In Marte.

G.	1. 152.31	Motus med. ab aquin. Sub.
G.	428. 549	Aphelij ab aquinoctio
H.	3.26.13.18	Restat An. med. Compil.
	116.13.18	Resolut. in gradus
I.	115.57.20	dat 105.57.13 N.
K. Exc.	15.58	Log. 132400
L. Int.	1. 3.50	Log. — 6180
M. Residuus	126220	dat 16.59 O.
	Fit coæquata quæsita 106.14.12. Sub. P.	
	Seu 3.16.14.12	

In Venere.

G.	2.15.56.25	Motus medius ab eq.
G.	10. 0.11.20	Aphelij ab eq. Sub.
H.	4.15.45. 5	Restat Anom. med.
	135.45. 5	Resoluta in Grad.
I.	135.16.50	dat 134.43. 4. N
K. Exc.	28.15	Log. 75325
L. Int.	1. 0.35.	Log. — 980
M. Residuus	74345	dat 28.32. O.
	Fit coæquata quæsita 135.11.36 Add. P.	
	Seu 4.15.11.36.	

In Mercurio.

G.	11.26.49. 3	Motus Medius ab Eq.
G.	8.11.25. 9	Aphelij ab eq. Sub.
H.	3.15.23.54.	Restat Anom. med.
	105.23.54	resoluta in Gradus
I.	105. 5.57.	dat 80.49.48 N
K. Exc.	22.57	Log. 96150
L. Interc.	59.46	Log. +390
M. Summa	96540	dat 22.51 O
	Fit coæquata quæsita 81.12.31 Add. P.	
	Seu 1.21.12.31	

In LUNA denique pro ē Anomalia soluta mo-
mæ coæquato, quatenus luna adhuc est similis planetis
cæteris, effigie plane similis se contingere etiam simul
copulari Soli vel ejus opposito.

G.	3. 458.25	Motus medius ab Eq.
G.	1.27.54.18	Apogei ab aqui. Sub
H.	1. 7. 4. 7	Restat anom media
	37. 4. 7	resoluta in Gradus
I.	36.26. 0.	dat 33.35.29 N
K. Exc.	38. 7.	Log. 45369
L. Interc.	55.50.	Log. 7184
M. Summa	52553	dat 35.28. O
	Fit coæquata quæsita 34.10.57 Add. P.	
	Seu 1.4.10.57	

ADMONITIO DE LUNA.

IN Tabula Anomalie æquationumque Lunæ,
Pars æquationis Physica, seu inferior & scrupulosus cellarum sinistrarum humetus cum hac
sua quantitate, locum habet tantum in Interluniis & Pleniluniis: in cæteris Phasibus successivè
per Menses Anni augetur, quoadusq; in mense
pleno, quantitatem acquirat exactè duplam ejus,
qua in Tabula reperitur: ut infra pluribus indi-
cabitur. Quare usus Intercolumnij, ratioque Co-
æquatam excedendi extra copulas, aut cessat, aut
non sufficit. Itaque sola Luna ad sinistram æqua-

tionis partis physicæ, foris extra cellas appositæ
habet differentias seu Incrementa hujus æqua-
tionis p. physicæ in descensu per quadrantera
primum superiore; decrementa per inferio-
rem. Ut in exemplo proximo, Incrementum in
10 primis est 22".

**INVENIRE ANOMALIAM
ECCENTRI ALICVIUS PLAT.**
netæ, vel per Anomaliam Medium,
vel per Anomaliam coæqua-
tam cognitam.

Pro calculo potissimum Loci Lü-
næ extra Copulas.

Si Anomalia media tibi proposita, præcisè
reperitur in Summa duorum numerorum a-
priorum cellæ: tunc eorum superior est etiam præci-
sè Anomalia Eccentri, quæ sita per medium pro-
positam. Si vero tua Anomalia media noui præ-
cisè reperiatur in cellarum unâ: tunc à propositâ
tibi mediâ, subtrahe proxime minorem, quam
exhibit cella: quæ restabunt scrupula Prima, ea
adjice inventis in illâ cellâ gradibus integris A-
nomalie Eccentri: sic conficitur justa præter-
propter Anomalia Eccentri. Nam ad Secunda de-
scendere, aut etiam de uno scrupulo satagare, non
est hoc loco pretium operæ.

Ut in exemplo superiore Lune, fuit Anoma-
lia media 37° 4'.7". Hæc non sicut præcisè reperiā;
ergo subtracta proxime minore Tabule æquationum
Lunæ, quæ erat 36° 26' restabant scrupula 38'. Ad
gradus igitur integrlos Anomalie Eccentri, inventos
in cella illa, quæ Summam ex utroq; numerò exhibuit
36° 26.0", sc. ad 35° appono sc. 38' excessus. Erat
igitur Anomalia Eccentri corredita 35° 38' proximè.

At si de Anomalia Mediâ non constet initio,
sed statim ipsa Anomalia coæquata fuerit data:
rurum per hanc invenitur Anomalia Eccentri ex
Tabulæ æquationum, penè ut prius. Datam enim
coæquatam quære in columella secunda: si ea præ-
cisè invenitur; tunc ex respondenti cella columel-
la sinistra, superior numerus erit ipsa Anomalia
Eccentri. Si vero non præcisè invenitur coæqua-
tum aliquæ linearum columellæ secundæ; tunc id
quod eæ proximè minus invenitur in Tabula, au-
ferendum est à coæquata tibi data; quæ restiterint
scrupula Prima, sunt apponenda ad gradus inte-
gros, scriptos superius in cella sinistra respoden-
te, ut conficiatur justa præterpropter Eccentri
Anomalia.

Ut in exemplo superiore, si per coæquatam A-
nomaliæ 34° 11', jubeat indagare Anomaliam Ec-
centri: quero eæ in Columella coæquata invenio vero
proxime minorē 33° 35' (neglectis jam secundis 29")
qua ablata à 34° 11', restant 36'; in cella vero columel-
la sinistra, respondente coæquate minori, invenio
superiorē numerum, seu Anomaliam Eccentri 35°.
Ergo appositis 36" sc. que restabant prius, fit Anoma-
lia Eccentri 35° 36", ferè ut prius.

Hac tunc valent, si Anomaliae ad proposita
terpus constitutæ semicirculo fuerint minores;
At si majores fuerint, earumq; completa ad inte-