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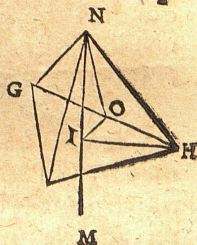
Contact:

Email: [landesbibliothek\(at\)ooe.gv.at](mailto:landesbibliothek(at)ooe.gv.at)

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Et orbis inscriptus, antiqua quatuor centra, & per definitionem regularis corporis etiam noua quatuor ex sectione accedentia simul tangens. Siue igitur pyramidis siue Octaedri vel cubi inscriptus prius habeatur, facillimè per proportionem laterum habebitur etiam quantitas alterius inscripti.

His adde quæ Candalla, & quæ alij de corporibus iam demonstrarunt, vt quod potentia $N M$ dimetientis in sphaera, quæ Tetraedro circumscribitur, sit potentia $H I$ radij in basi tetraedri $4 \frac{1}{2}$ per Coroll. 1. prop. 13. lib. decimi tertij : Quod ibidem $N I$ altitudo siue perpendicularis corporis sit bes $N M$ dimetientis, & illius $N I$ potentia sit bes potentia lateris $G H$: Quod inscripti pyramidi radius $O I$ sit pars quarta ipsius $N I$ perpendicularis, tertia ipsius $N O$ circumscripti, vel sexta $N M$ dimetientis, Corollar. 3, prop. 13. lib. decimi tertij iuxta Candall,



Ergo;

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C A P V T XIII.

Primarius scopus libelli, & quod hac quinque corpora sint inter orbes, Astronomica probatio.

GITVR vt ad principale propositum veniamus: notum est, vias planetarum esse eccentricas: & proinde recepta physicis sententia, quod obtineant orbes tantam crassitiam, quanta ad demonstrandas motuum varietates requiritur. Et hætenus quidem nostris Philosophis assentitur Copernicus. Verum iam porrò non paruum cernitur opinionum discrimen. Nam censent Physici ab ima cœli

G luna