

Werk

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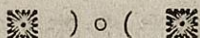
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ARGUMENTUM

ELEMENTI TERTII EUCLIDIS.

Continet Liber tertius circuli proprietates: lineasque plurimas & *intra* ejusdem Peripheriam, & *extra* ad eandem ductas inter se comparat. Circulorum etiam se mutuo interfecantium, & sic mutuo, aut lineas rectas tangentium affectiones explicat. Angulos etiam, sive ad centrum sive ad circumferentiam positos inter se componit. Breviter prima *Geometricæ Practicæ* elementa, circulorum adminiculo potissimum innixa, exponit.

ARGUMENTUM

ELEMENTI QUARTI EUCLIDIS.

Est quartus Elementorum liber *Trigonometricæ* utilissimus. Circulo enim polygonona



gonam inscribendo, tabulas Chordarum, Tangentium & Secantium fabricare discimus: quarum ope figurarum & corporum magnitudines mensuramus. Neque absque eo stellarum *Aspectus*, quos vocant, Quartilem nempe, Sextilem &c. rite distinguimus: utpote a polygonorum in circulo inscriptione omnino pendentes. Neque sane Circuli aream sive *Quadraturam* quandam aliunde, quam ex polygonorum innumerorum circulo inscriptorum & circumscriptorum areis sive *Quadraturis* colligere possumus. Et haud aliter circulorum ad se invicem rationem duplicatam, e duplicata polygonorum iisdem inscriptorum aut circumscriptorum ratione colligimus. Architectura vero militaris polygonis circulo inscriptis toties utitur, ut præ aliis omnibus scientiis, huic libro solidum fere deberi videatur.

ARGU-