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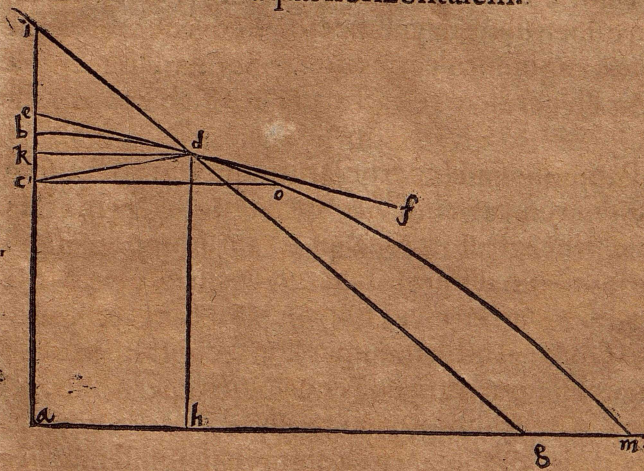
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& residua $E K 26388$. Et per 33 primi Apollonij, $EB 13194$. vt & BK . & $BC 30559$. Demonstratum verò est à Vitellione, BA esse dimidium AM . & per 20 primi Apollonij, vt BK ad BA . sic quadratum KD ad quadratum $AM 183770$. Qualium ergò $AB 183770$. talium $CB 30559$. Sic inuenta & constituta est parabole cum suo puncto ex refractione Vitelliana gradus octogesimali, est- que altitudo puncti quàm proximè sexta pars de altitudine foci, seu de sagitta. Et quia vt AB ad CB . sic quadratum AM ad quadratum CO . Ergò multiplicatis AB in CB . & quæsitâ radice, quæ est 74940 . erit vt AB ad radicem, sic AG ad CO . Cumq; sit $AG 367540$ fit $CO 149990$.

Lubet iam videre, quanta repercussio futura sit in O . Tangat sectionem recta in O . sitq; OL . (imaginatione delineata) dantur in triangulo OCI duo latera & rectus interiectus. Nam CO ad rectos est ipsi IC . Et quia OI tangit, erunt CB . BI æquales, quare $CI 6118$. CO verò 149990 . Quare angulus $OIC 67.50$. Et $IOC 22.10$. Cui si adijciatur æqualis, vel subtrahatur ab $OIC 67.50$. restat 45.40 . angulus, quem repercussus facit cum axe, repræsentans refractionem aquæ horizontalem.



Si iam experiri lubet cæteras refractiones in Vitellione, sicagemus. Primum facilioris calculi causâ accipiat AM dimensionem rotundã 100000 . fietq; $CB 8314\frac{1}{2}$. Sit iam $BCD 70$. ad quã inclinationum Vitellio ponit refractionem 24.30 . & refractum 45.30 . qui

nationum Vitellio ponit refractionem 24.30 . & refractum 45.30 . qui