Habeo numeru si illig 3 tiam partem in tertiam sui ⊿li parte multiplica, pro ducit ⊿lgdem quadratu:

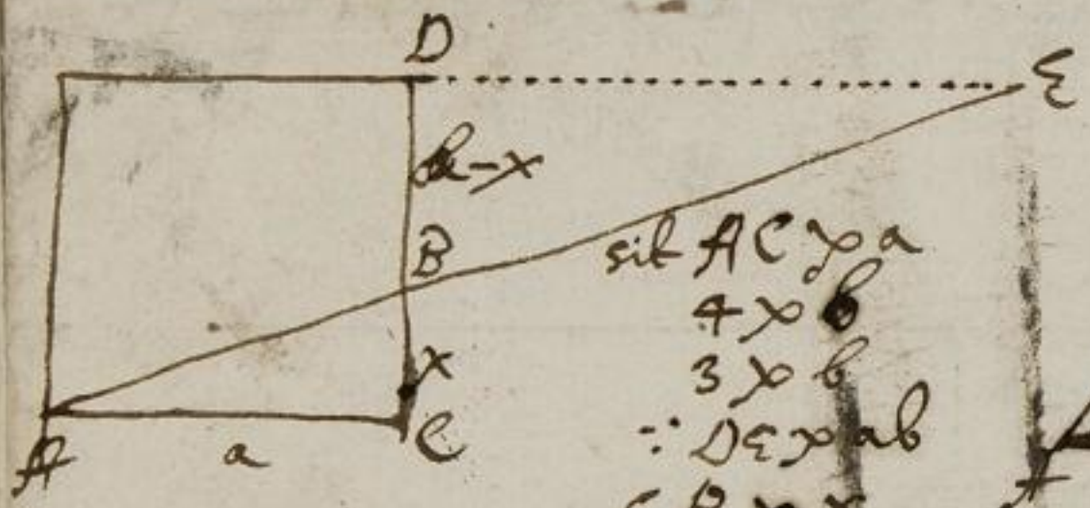
$3 \propto a$
$4 \propto b$

$\frac{x - \frac{xx}{a}}{\frac{x^3}{aa} \propto \frac{bx}{1}}$

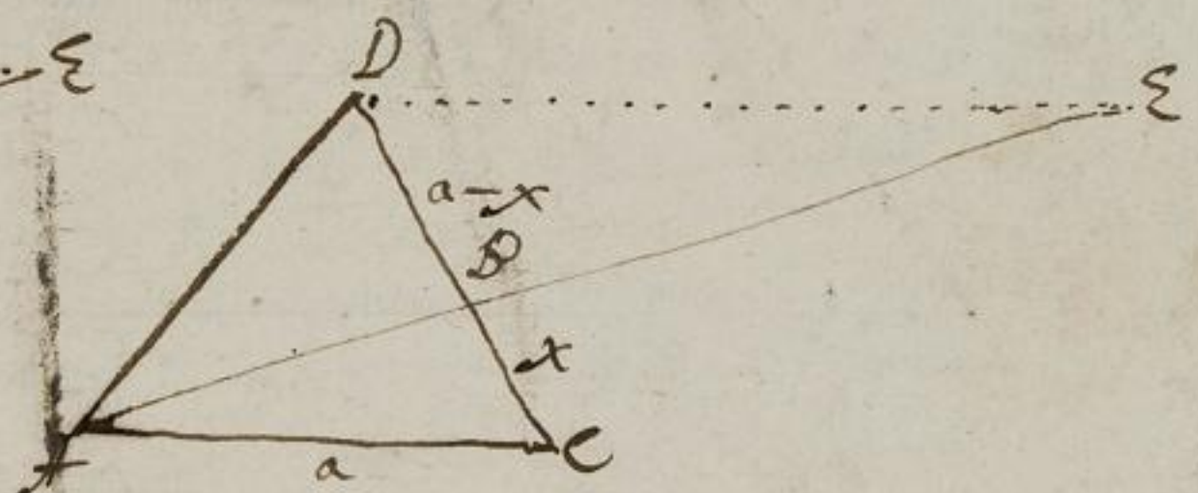
$x^3 \propto aabx$
$xx \propto aab$
$x \propto \sqrt{aab}$

43

Dato ⊿lo ∂ Triangulo æquilatero; ∂ producta DE parallela ℓ ∂ indefinita; ex latere DC abscindere certa partem DC iba ∫t producta linea ℓ ex A incipiens, ∂ transiendo per B in ℓ terminans. ostenderat inde lineam DE ex Ambitu dati ⊿li ∂ A æquilateri:



sit AC $\propto a$
$4 \propto b$
$3 \propto b$
$\therefore DE \propto ab$
$CB \propto x$
$\therefore BD \propto b - x$



Insuper A sim: ABC ∂ EBD erit ut

AC BC ED BD
$a - x - ab - a - x$

$ab - ax \propto abx$
$+ax \quad +ax$

$bx + x \propto a$
$x \propto \frac{a}{b+1}$.

Hinc patet in ⊿lo CD debere ℓ stam lolig CD partem in ⊿lo vero $\frac{1}{2}$ lolig CD.

Bibliothek der Oberlausitz. Gesellschaft d.W. * GÖRLITZ *