

ΠΑΝΕΠΙΣΤΗΜΙΟ ΙΩΑΝΝΙΝΩΝ
 ΤΟΜΕΑΣ ΦΙΛΟΣΟΦΙΑΣ
 ΕΡΕΥΝΗΤΗΡΙΟ ΕΡΕΥΝΩΝ ΝΕΟΕΛΛΗΝΙΚΗΣ ΦΙΛΟΣΟΦΙΑΣ
 ΕΠΙΘΥΡΑΧΗΣ: ΕΠ. ΚΑΘΗΓΗΤΗΣ ΚΩΝΣΤΑΝΤΙΝΟΣ Θ. ΠΕΤΣΙΟΣ

ΕΠΙΣΤΗΜΗΣ ΚΑΙ
 ΙΩΑΝΝΙΝΩΝ 2006

$$(A) \chi^2 = \frac{\chi^4 + \beta^2}{4\alpha^2} \quad | \quad (B) \chi^4 - 4\alpha^2\chi^2 = -4\alpha^2\beta^2$$

$$(\Gamma) \chi^4 - 4\alpha^2\chi^2 + 4\alpha^4 = 4\alpha^4 - 4\alpha^2\beta^2 \quad | \quad (\Delta) \chi^2 = 2\alpha^2 \pm 2\alpha\sqrt{\alpha^2 - \beta^2}$$

$$(E) \chi = \sqrt{\alpha \cdot 2\alpha \pm 2\sqrt{\alpha^2 - \beta^2}} \quad | \quad (Z) \chi = \sqrt{\alpha \cdot 2\alpha + 2\sqrt{\alpha^2 - \beta^2}}$$

$$(H) \chi = \sqrt{\alpha \cdot 2\alpha - 2\sqrt{2\alpha^2 - \beta^2}} \quad | \quad (\Theta) \chi : y :: y : \Omega \quad | \quad (I) y^2 = \chi\Omega$$

$$(K) \chi + y + \Omega = 21 \quad | \quad (\Lambda) \chi^2 + y^2 + \Omega^2 = 189$$

$$(M) \chi^2 + y^2 + \Omega^2 + 2y\chi + 2y\Omega + 2\chi\Omega = 441$$

$$(N) \chi^2 + y^2 + \Omega^2 + 2y \cdot \overline{\chi + \Omega + 2\chi\Omega} = 441 \quad | \quad (\Xi) \chi + \Omega = 21 - y$$

$$(O) 2\chi\Omega = 2y^2 \quad | \quad (\Pi) 189 + 2y \cdot \overline{21 - y + 2y^2} = 441$$

$$(P) 42y - 2y^2 + 2y^2 = 252 \quad | \quad (\Sigma) y = \frac{252}{42} = 6 \quad | \quad (T) \chi\Omega = 36$$

$$(\Upsilon) \Omega = \frac{36}{\chi} \quad | \quad (\Phi) \chi + 6 + \frac{36}{\chi} = 21 \quad | \quad (X) \chi^2 - 15\chi = -36$$

$$(\Psi) \chi^2 - 15\chi + \frac{225}{4} = \frac{225}{4} - 36 = \frac{81}{4}$$

$$(\Omega) \chi = \frac{15}{2} + \frac{9}{2} = \frac{24}{2} = 12 \quad | \quad (A) 12 + 6 + \Omega = 21 \quad | \quad (C) \Omega = 3$$

(A) $x + y + \omega = 30$ | (B) $2x + y + \frac{1}{2}\omega = 30$ | (Γ) $x = 30 - y - \omega$

(Δ) $x = \frac{60 - 2y + \omega}{4}$ | (E) $30 - y - \omega = \frac{60 - 2y - \omega}{4}$ | (Z) $y = \frac{60 - 3\omega}{2}$

(H) $y = \frac{60 - 6}{2} = \frac{54}{2} = 27$ | (Θ) $x + 27 + 2 = 30$ | $x = 1$ | (I) $y = \frac{60 - 1\omega}{2} = \frac{48}{2} = 24$

(K) $x + 24 + 4 = 30$ | $x = 2$ | (Λ) $y = \frac{60 - 18}{2} = \frac{42}{2} = 21$ | (M) $x + 21 + 6 = 30$ | $x = 3$

(N) $a, a + \beta, a + 2\beta, a + 3\beta, a + 4\beta, a + 5\beta \dots a + \nu - 1 \cdot \beta$

(Ξ) $E = a + \nu - 1 \cdot \beta$ | (O) $K = \frac{a + \nu \cdot \beta}{2}$ | (Π) $K = \frac{a + a + \nu\beta - \beta \cdot \nu}{2} = \frac{2a\nu + \nu^2\beta - \nu\beta}{2}$

(P) $1, 1 + 2, 1 + 4, 1 + 6, 1 + 8, 1 + 10, \dots 1 + \nu - 1 \cdot 2$

(Σ) $E = 1 + 6 - 1 \cdot 2 = 11$ | (Τ) $K = \frac{2 \cdot 1 \cdot 6 + 36 \cdot 2 - 6 \cdot 2}{2} = 36$

(Υ) $0 + 1 + 1 + 1 + 1, \kappa\tau = K\nu^0$ | (Φ) $1 + 1 + 1 + 1 + 1, \kappa\tau = K\nu + 1^0$
 II $0 + 1 + 2 + 3 + 4, \kappa\tau = K\nu^1$ | II. $1 + 2 + 3 + 4 + 5, \kappa\tau = K\nu + 1^1$
 III $0 + 1 + 4 + 9 + 16, \kappa\tau = K\nu^2$ | III. $1 + 4 + 9 + 16 + 25, \kappa\tau = K\nu + 1^2$
 IV. $0 + 1 + 8 + 27 + 64, \kappa\tau = K\nu^3$ | IV. $1 + 8 + 27 + 64 + 125, \kappa\tau = K\nu + 1^3$

(X) $K\nu + 1^0 - K\nu^0 = \nu + 1^0 = 1$ | (Ψ) $K\nu + 1^1 - K\nu^1 = \nu + 1$ | (Ω) $K\nu + 1^2 - K\nu^2 = \nu + 1$

(A) $K\nu + 1^3 - K\nu^3 = \nu + 1^3$ | (C) $\nu + 1^2 = \nu^2 + 2\nu + 1$ | (D) $K\nu + 1^2 = K\nu^2 + 2K\nu + \nu + 1$

(E) $K\nu + 1^2 - K\nu^2 - \nu - 1 = 2K\nu$ | (F) $\nu + 1^2 - \nu - 1 = K\nu$ | (G) $\nu^2 + 2\nu + 1 - \nu - 1 = 2K\nu$

(L) $K\nu = \frac{\nu^2 + \nu}{2} = \frac{\nu}{2} \cdot \nu + 1$ | (M) $\nu + 1^3 = \nu^3 + 3\nu^2 + 3\nu + 1$ | (N) $K\nu + 1^3 = K\nu^3 + 3K\nu^2 + 3K\nu + \nu + 1$

(Q) $K\nu + 1^3 - K\nu^3 - 3K\nu - \nu - 1 = 3K\nu^2$ | (R) $\nu + 1^3 - 3\nu^2 - 3\nu - \nu - 1 = 3K\nu^2$

(S) $K\nu^2 = \nu \cdot \frac{2\nu^2 + 3\nu + 1}{2 \cdot 3}$ | (N) $K\nu = \frac{4}{2} \cdot \frac{4 + 1}{4 + 1} = 10$ | (W) $K\nu^2 = 4 \cdot \frac{2 \cdot 16 + 3 \cdot 4 + 1}{2 \cdot 3} = 30$

Ε.Υ.Δ ΤΥΠ. Ε.Π. ΙΩΑΝΝΙΝΑ 2000

(A) $a, a + \beta, a + 2\beta, a + 3\beta, a + 4\beta, \dots, a + \nu - 1 \cdot \beta = K\nu \cdot \frac{2a + \nu\beta - \beta}{1, 2}$

(B) $a, 2a + \beta, 3a + 3\beta, 4a + 6\beta, 5a + 10\beta, \dots, \nu \cdot \frac{2a + \nu\beta - \beta}{1, 2} = K\nu \cdot \frac{3a\nu + 3a - \beta + \beta\nu^2}{1, 2, 3}$

(C) $\frac{2a - \beta}{2} \cdot K\nu + \frac{\beta}{2} \cdot K\nu^2$

(Γ) $a, 3a + \beta, 6a + 4\beta, 10a + 10\beta, 15a + 20\beta, \dots, \nu \cdot \frac{3a\nu + 3a - \beta + \beta\nu^2}{1, 2, 3}$

(Δ) $1, 2, 3, 4, 5, \dots, 1 + \nu - 1 \cdot 1 = K\nu = \nu + 1 \cdot \nu$

(E) $1, 3, 6, 10, 15, \dots, \frac{\nu + 1 \cdot \nu}{1, 2} = \frac{\nu + 2 \cdot \nu + 1 \cdot \nu}{1, 2, 3}$

(Z) $1, 4, 10, 20, 35, \dots, \frac{\nu + 2 \cdot \nu + 1 \cdot \nu}{1, 2, 3} = \frac{\nu + 3 \cdot \nu + 2 \cdot \nu + 1 \cdot \nu}{1, 2, 3, 4}$

(H) $1, 5, 15, 35, 70, \dots, \frac{\nu + 3 \cdot \nu + 2 \cdot \nu + 1 \cdot \nu}{1, 2, 3, 4} = \frac{\nu + 4 \cdot \nu + 3 \cdot \nu + 2 \cdot \nu + 1 \cdot \nu}{1, 2, 3, 4, 5}$

(Θ) 1, 3, 5, 7, 9... κτ | (I) 1, 4, 9, 16, 25, κτ | (K) 1, 15, 14, 30, 55, κτ.

(Λ) $a, \beta \dots \dots \dots a\beta$

(M) $a, \beta, \gamma \dots \dots \dots a\beta, a\gamma, \beta\gamma$

(N) $a, \beta, \gamma, \delta \dots \dots \dots a\beta, a\gamma, a\delta, \beta\gamma, \beta\delta, \gamma\delta$

(Ξ) $a, \beta, \gamma, \delta, \epsilon \dots \dots \dots a\beta, a\gamma, a\delta, a\epsilon, \beta\gamma, \beta\delta, \beta\epsilon, \gamma\delta, \gamma\epsilon, \delta\epsilon$

(O) $\nu \dots \dots \dots \frac{\nu \cdot \nu - 1}{1, 2}$

(Π) $a, \beta, \gamma \dots \dots \dots a\beta\gamma$

(P) $a, \beta, \gamma, \delta \dots \dots \dots a\beta\gamma, a\beta\delta, a\gamma\delta, \beta\gamma\delta$

(Σ) $a, \beta, \gamma, \delta, \epsilon \dots \dots \dots a\beta\gamma, a\beta\delta, a\beta\epsilon, a\gamma\delta, a\gamma\epsilon, a\delta\epsilon, \beta\gamma\delta, \beta\gamma\epsilon, \beta\delta\epsilon, \gamma\delta\epsilon$

(Τ) $\nu \dots \dots \dots \frac{\nu \cdot \nu - 1 \cdot \nu - 2}{1, 2, 3}$

(A) $a, \mu a, \mu^2 a, \mu^3 a, \mu^4 a, \mu^5 a \dots \mu^{v-1} a = K \frac{\mu^v a - a}{\mu - 1}$ (B) $E = \mu^{v-1} a$

(Γ) $\frac{\mu a - a}{\mu - 1}, \frac{\mu^2 a - a}{\mu - 1}, \frac{\mu^3 a - a}{\mu - 1}, \frac{\mu^4 a - a}{\mu - 1} \dots \frac{\mu^v a - a}{\mu - 1} = K \frac{\mu^{v+1} a - \mu a - v a}{\mu - 1^2}$

(Δ) $\frac{\mu a}{\mu - 1}, \frac{\mu^2 a}{\mu - 1}, \frac{\mu^3 a}{\mu - 1}, \frac{\mu^4 a}{\mu - 1} \dots \frac{\mu^v a}{\mu - 1} = K \frac{\mu^{v+1} a - \mu a}{\mu - 1^2}$

(E) $\frac{a}{\mu - 1}, \frac{a}{\mu - 1}, \frac{a}{\mu - 1}, \frac{a}{\mu - 1} \dots \frac{a}{\mu - 1} = K \frac{v a}{\mu - 1}$

(Z) $\frac{\mu^2 a - \mu a - a}{\mu - 1^2}, \frac{\mu^3 a - \mu a - 2a}{\mu - 1^2}, \frac{\mu^4 a - \mu a - 3a}{\mu - 1^2} \dots \frac{\mu^{v+1} a - \mu a - v a}{\mu - 1^2}$

(H) $\frac{\mu^2 a}{\mu - 1^2}, \frac{\mu^3 a}{\mu - 1^2}, \frac{\mu^4 a}{\mu - 1^2} \dots \frac{\mu^{v+1} a}{\mu - 1^2} = K \frac{\mu^{v+2} a - \mu^2 a}{\mu - 1^3}$

(Θ) $\frac{\mu a}{\mu - 1^2}, \frac{\mu a}{\mu - 1^2}, \frac{\mu a}{\mu - 1^2} \dots \frac{\mu a}{\mu - 1^2} = K \frac{v \mu a}{\mu - 1^2}$

(Λ) $K = \frac{\mu^v - a}{\mu - 1}$

(I) $\frac{a}{\mu - 1}, \frac{2a}{\mu - 1}, \frac{3a}{\mu - 1} \dots \frac{v a}{\mu - 1} = K \frac{v+1 \cdot v \cdot a}{2 \mu - 1}$

(M) $K = \frac{\mu^v a - a}{\mu - 1}$

(K) $\frac{\mu^{v+2} a - \mu^2 a - v \mu a - v \cdot v + 1 \cdot a}{\mu - 1^3}, \frac{\mu^2 a}{\mu - 1^2}, \frac{1 \cdot 2}{\mu - 1}$

(N) $K = \frac{\mu^{v+2} a - \mu^2 a}{\mu - 1^3}$

(Π) $1, 2, 4, 8, 16, 32 \dots 64 = K 127$

(Ξ) $K = \frac{v \mu a}{\mu - 1^2}$

(P) $1, 3, 7, 15 \dots 31 = K 57$

(O) $K = \frac{v+1 \cdot v \cdot a}{2 \mu - 1}$

(Σ) $1, 4, 11, \dots 26 = K 42$

$$(A) \chi^2 = a^2 - 2a\chi + \chi^2 - 2AB \cdot \Gamma \mid (B) \beta^2 = \frac{1}{2} AB \cdot \Gamma \mid (\Gamma) 4\beta^2 = 2AB \cdot \Gamma$$

$$(\Delta) \chi^2 = a^2 - 2a\chi + \chi^2 - 4\beta^2 \mid (E) 2a\chi = a^2 - 4\beta^2 \mid (Z) \chi = \frac{1}{2} a - \frac{2\beta^2}{a}$$

$$(H) \beta^2 = \frac{1}{2} \chi y \mid (\Theta) y = \frac{2\beta^2}{\chi} \mid (I) \frac{y^4}{\chi^2} = y^2 + \chi^2 \mid (K) y^4 = y^2 \chi^2 + \chi^4 \mid (\Lambda) y\chi = 2a^2$$

$$(M) y^2 \chi^2 = 4a^4 \mid (N) \chi^4 = \frac{16a^3}{y^4} \mid (\Xi) y^4 = 4a^4 + \frac{16a^3}{y^4} \mid (O) y^8 - 4a^4 y^4 = 16a^3$$

$$(\Pi) y^8 - 4a^4 y^4 + 4a^3 = 4a^3 + 16a^3 \mid (P) y^4 - 2a^4 = 2a^4 \sqrt{5} \mid (\Sigma) y^4 = 2a^4 + 2a^4 \sqrt{5}$$

$$(T) y = a \sqrt{2 + 2\sqrt{5}} \mid (\Upsilon) 2a^4 + 2a^4 \sqrt{5} = 4a^4 + \chi^4 \mid (\Phi) \chi^4 = 2a^4 \sqrt{5} - 2a^4$$

$$(X) \chi = a \sqrt{2\sqrt{5} - 2} \mid (\Psi) a\chi - \chi^2 = \beta\gamma \mid (\Omega) \chi^2 - a\chi = -\beta\gamma$$

$$(a) \chi^2 - a\chi + \frac{1}{4} a^2 = \frac{1}{4} a^2 - \beta\gamma \mid (\beta) \chi - \frac{1}{2} a = \sqrt{\frac{1}{4} a^2 - \beta\gamma} \mid (\gamma) \chi = \frac{1}{2} a + \sqrt{\frac{1}{4} a^2 - \beta\gamma}$$

$$(d) \gamma\chi + \chi^2 = a\beta \mid (\epsilon) \chi^2 + \gamma\chi + \frac{\gamma^2}{4} = \frac{\gamma^2}{4} + a\beta \mid (\zeta) \chi + \frac{1}{2} \gamma = \sqrt{\frac{1}{4} \gamma^2 + a\beta} \mid (\eta) \chi = \sqrt{\frac{1}{4} \gamma^2 + a\beta} - \frac{1}{2} \gamma$$

$$(\theta) \beta^2 = \frac{1}{2} y^2 + y^2 - \sqrt{2} y^4 + \frac{1}{2} y^2 \mid (i) \beta^2 = 2y^2 - \sqrt{2} y^4 \mid (k) \sqrt{2} y^4 = 2y^2 - \beta^2$$

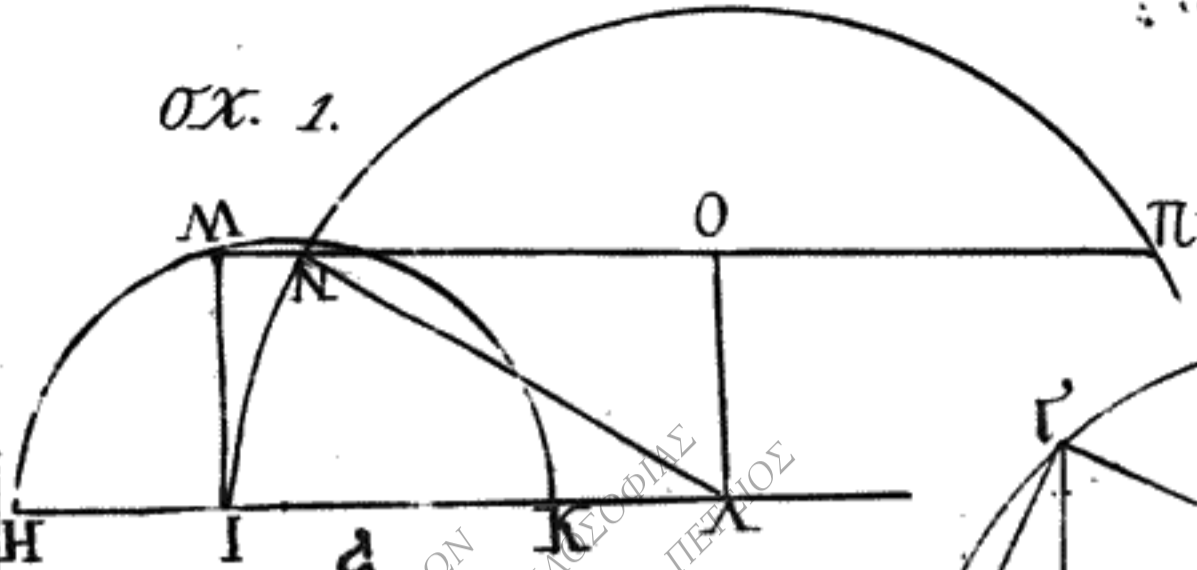
$$(\lambda) 2y^4 = 4y^4 - 4\beta^2 y^2 + \beta^4 \mid (\mu) y^4 - 2\beta^2 y^2 = -\frac{1}{2} \beta^4 \mid (\nu) y^4 - 2\beta^2 y^2 + \beta^4 = \frac{1}{2} \beta^4$$

$$(\xi) y^2 - \beta^2 = \beta \sqrt{\frac{1}{2} \beta^2} \mid (o) y^2 = \beta^2 + \beta \sqrt{\frac{1}{2} \beta^2} \mid (\pi) y = \sqrt{\beta^2 + \beta \sqrt{\frac{1}{2} \beta^2}}$$

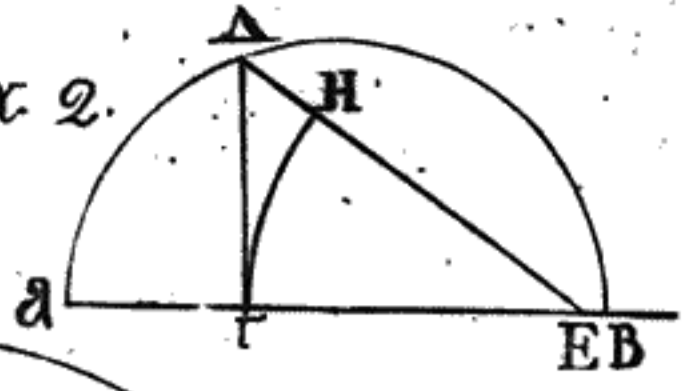
$$(e) \chi^2 = a^2 + a\chi \mid (\sigma) \chi^2 - a\chi = a^2 \mid (\tau) \chi^2 - a\chi + \frac{1}{4} a^2 = \frac{1}{4} a^2 + a^2 = \frac{5}{4} a^2$$

$$(\upsilon) \chi - \frac{1}{2} a = \sqrt{\frac{5}{4} a^2} \mid (\phi) \chi = \frac{1}{2} a + \sqrt{\frac{5}{4} a^2}$$

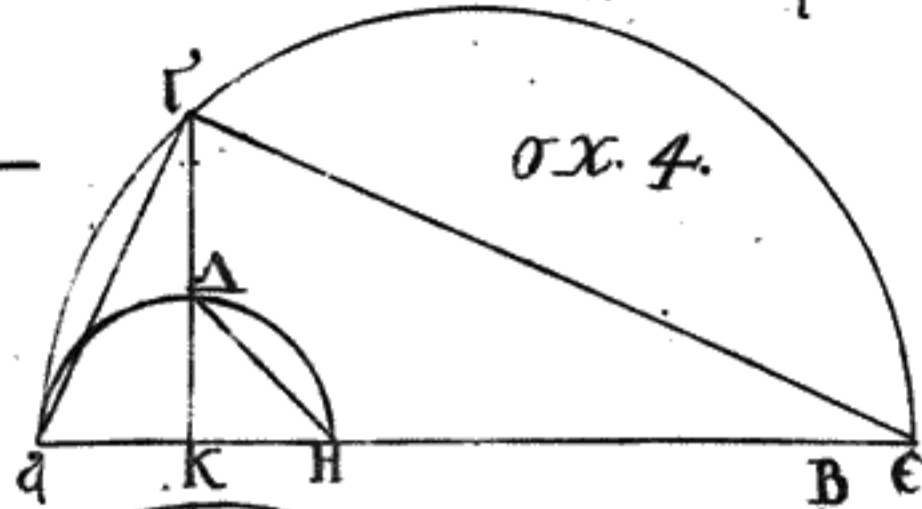
σχ. 1.



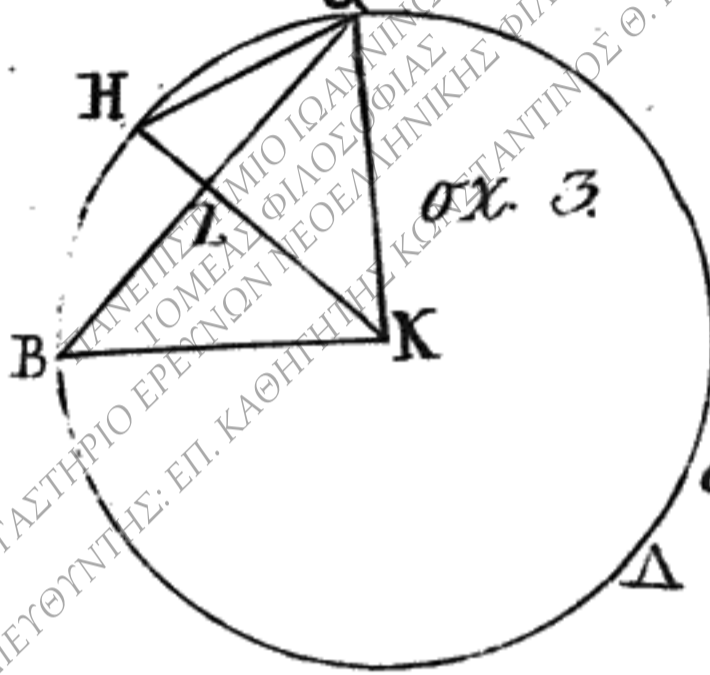
σχ. 2.



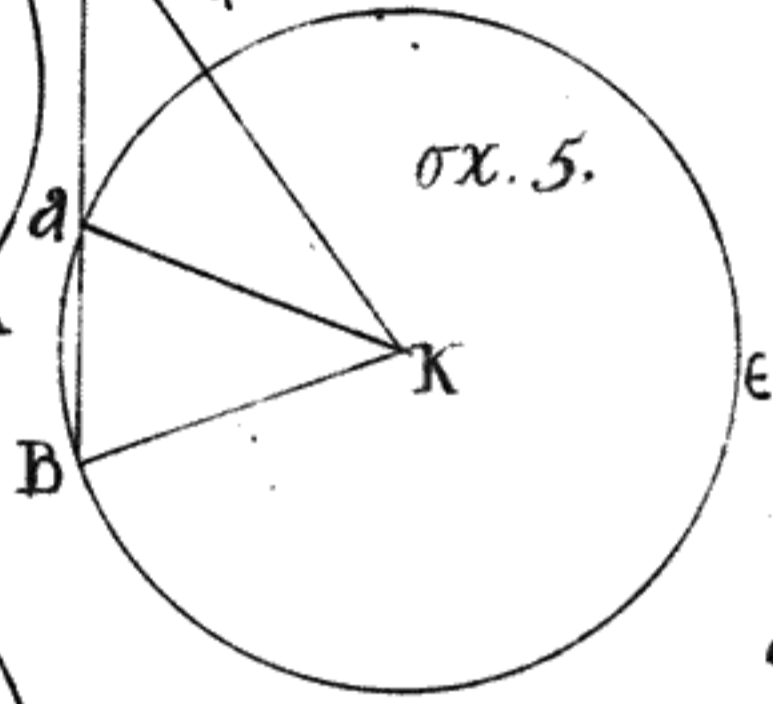
σχ. 4.



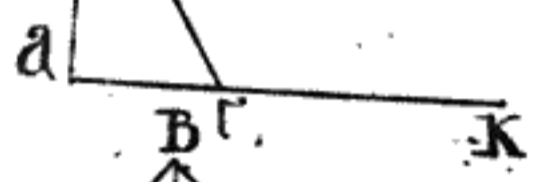
σχ. 3.



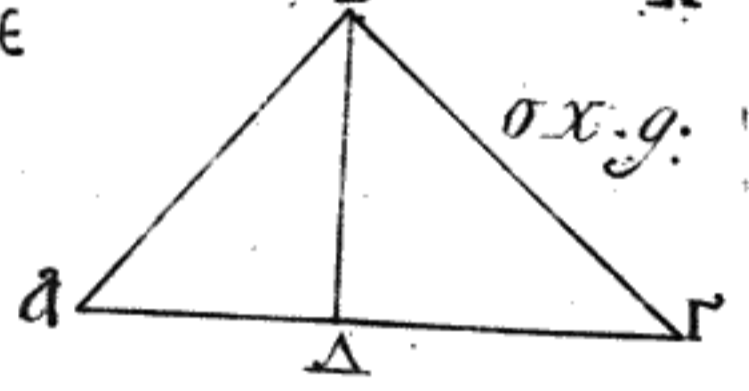
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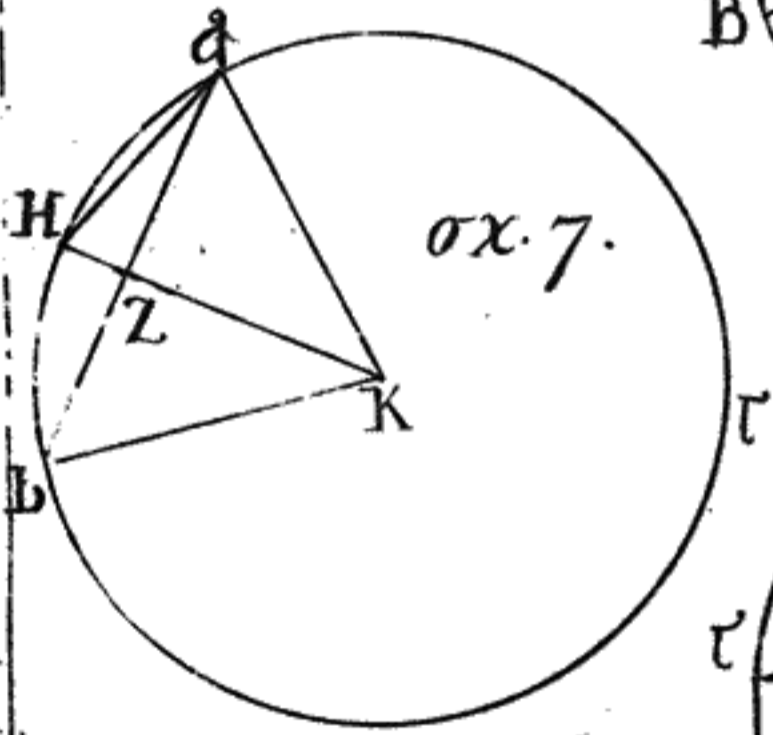
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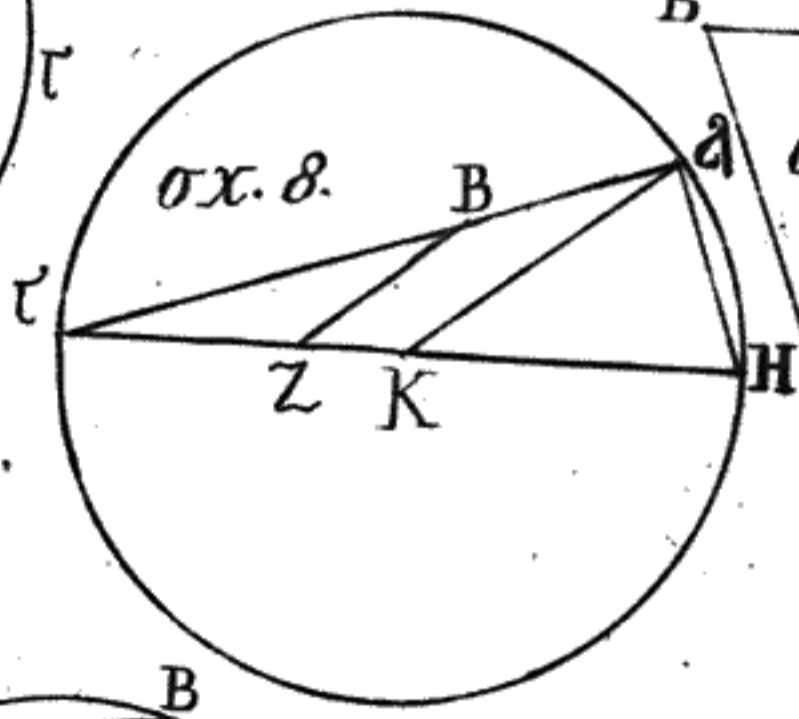
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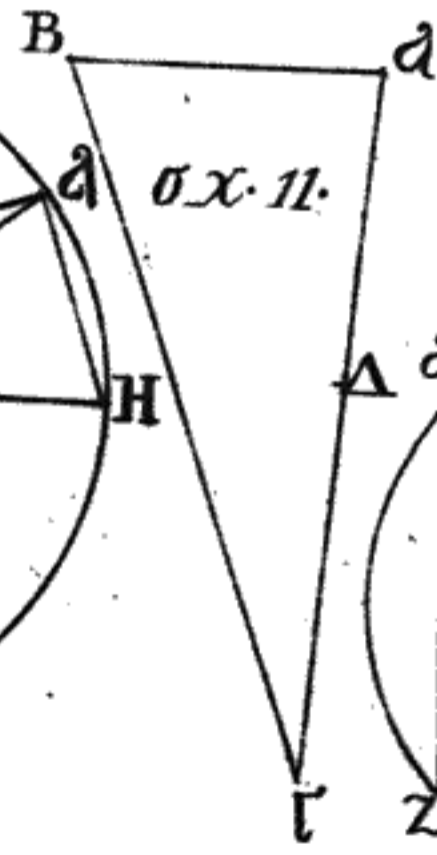
σχ. 7.



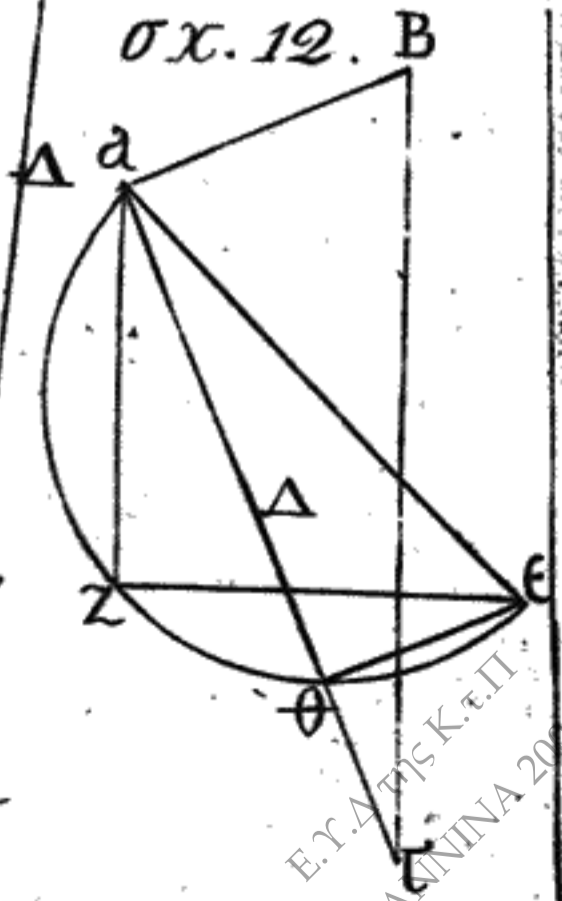
σχ. 8.



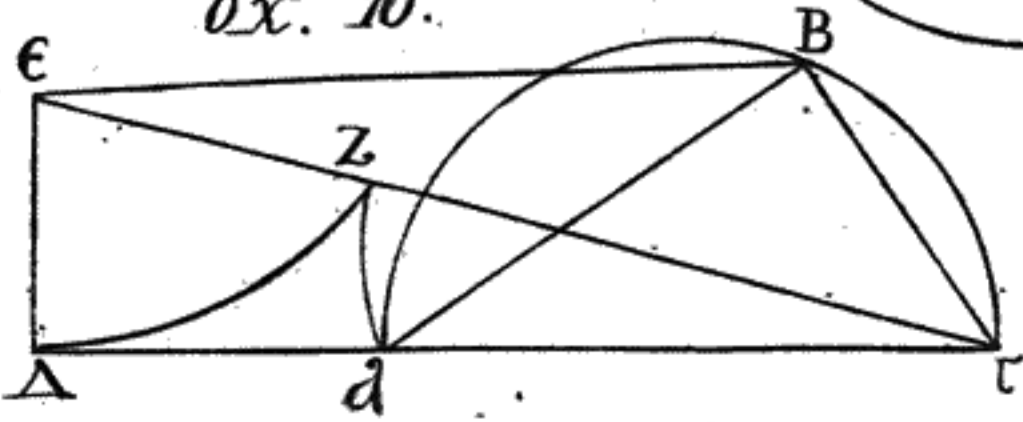
σχ. 11.



σχ. 12.



σχ. 10.



Ε.Υ.Δ.Τ.Ε. Κ.Ε.Π.
ΕΛΛΗΝΙΚΗ ΔΗΜΟΚΡΑΤΙΑ
ΥΠΟΥΡΓΕΙΟ ΠΑΙΔΕΙΑΣ ΚΑΙ ΘΡΗΣΚΕΥΜΑΤΩΝ
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$$(A) \beta^2 = a^2 - 2a\sqrt{a^2 - \frac{1}{4}\chi^2} + a^2 - \frac{1}{4}\chi^2 + \frac{1}{4}\chi^2 \quad | \quad (B) \beta^2 = 2a^2 - 2a\sqrt{a^2 - \frac{1}{4}\chi^2}$$

$$(\Gamma) 2a\sqrt{a^2 - \frac{1}{4}\chi^2} = 2a^2 - \beta^2 \quad | \quad (\Delta) 4a^4 - a^2\chi^2 = 4a^4 - 4a^2\beta^2 + \beta^4$$

$$(E) -a^2\chi^2 = -4a^2\beta^2 + \beta^4 \quad | \quad (Z) \chi^2 = \frac{4a^2\beta^2 - \beta^4}{a^2} \quad | \quad (H) \chi = \frac{\beta\sqrt{4a^2 - \beta^2}}{a}$$

$$(\Theta) \chi^2 = \frac{y^2 + 2ay + a^2 + y^2 - 2ay + a^2}{4} \quad | \quad (I) \frac{a^2 - y^2}{4} = \beta\chi \quad | \quad (K) \chi^2 = \frac{y^2 + a^2}{2}$$

$$(\Lambda) 2\chi^2 - a^2 = y^2 \quad | \quad (M) y^2 = a^2 - 4\beta\chi \quad | \quad (N) 2\chi^2 - a^2 = a^2 - 4\beta\chi \quad | \quad (\Xi) \chi^2 + 2\beta\chi = a^2$$

$$(O) \chi^2 + 2\beta\chi + \beta^2 = \beta^2 + a^2 \quad | \quad (\Pi) \chi + \beta = \sqrt{\beta^2 + a^2} \quad | \quad (P) \chi = \sqrt{a^2 + \beta^2} - \beta$$

$$(\Sigma) \gamma^2 = \chi^2 + a\chi + \frac{1}{4}a^2 + \chi^2 - a\chi + \frac{1}{4}a^2 \quad | \quad (T) \gamma^2 = 2\chi^2 + \frac{1}{2}a^2 \quad | \quad (\Upsilon) 2\chi^2 = \gamma^2 - \frac{1}{2}a^2$$

$$(\Phi) \chi^2 = \frac{1}{2}\gamma^2 - \frac{1}{4}a^2 \quad | \quad (X) \chi = \sqrt{\frac{1}{2}\gamma^2 - \frac{1}{4}a^2} \quad | \quad (\Psi) y^2 + ay = \beta^2 \quad | \quad (\Omega) y^2 + ay + \frac{1}{4}a^2 = \frac{1}{4}a^2 + \beta^2$$

$$(a) y + \frac{1}{2}a = \sqrt{\frac{1}{4}a^2 + \beta^2} \quad | \quad (\beta) y = \sqrt{\frac{1}{4}a^2 + \beta^2} - \frac{1}{2}a \quad | \quad (\gamma) a^2y^2 - y^4 = \beta^2\gamma^2$$

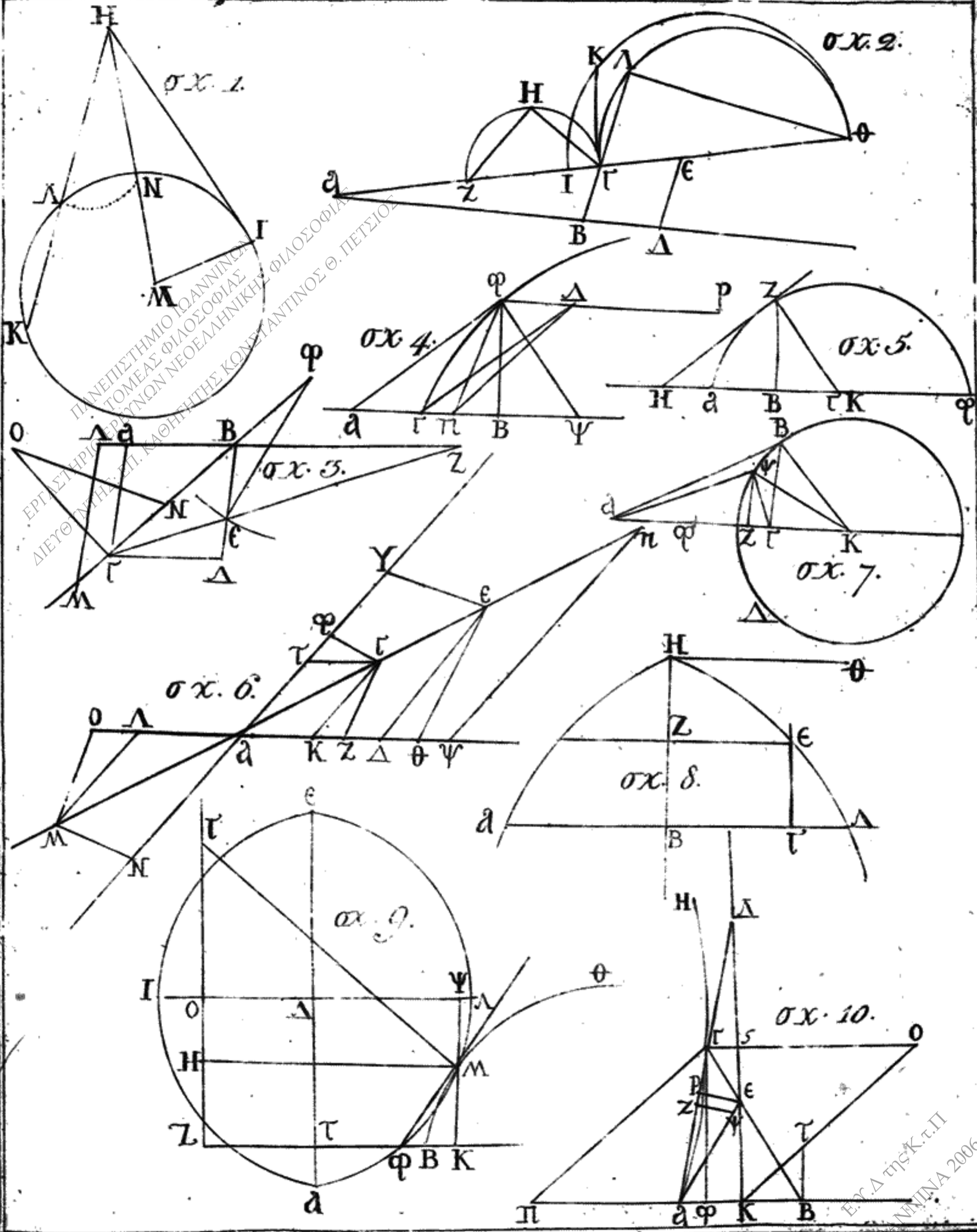
$$(d) y^4 - a^2y^2 = -\beta^2\gamma^2 \quad | \quad (\epsilon) y^4 - a^2y^2 + \frac{1}{4}a^4 = \frac{1}{4}a^4 - \beta^2\gamma^2 \quad | \quad (\zeta) y^2 - \frac{1}{2}a^2 = \sqrt{\frac{1}{4}a^4 - \beta^2\gamma^2}$$

$$(\eta) y^2 = \frac{1}{2}a^2 + \sqrt{\frac{1}{4}a^4 - \beta^2\gamma^2} \quad | \quad (\theta) y = \sqrt{\frac{1}{2}a^2 + \sqrt{\frac{1}{4}a^4 - \beta^2\gamma^2}} \quad | \quad (\iota) y^2 - \gamma y = \frac{a^2\beta^2}{\gamma^2}$$

$$(\kappa) y^2 - \gamma y + \frac{1}{4}\gamma^2 = \frac{1}{4}\gamma^2 + \frac{a^2\beta^2}{\gamma^2} \quad | \quad (\lambda) y - \frac{1}{2}\gamma = \frac{1}{\gamma}\sqrt{\frac{1}{4}\gamma^2 + a\beta^2} \quad | \quad (\mu) y = \frac{1}{2}\gamma + \frac{1}{\gamma}\sqrt{\frac{1}{4}\gamma^2 + a\beta^2}$$

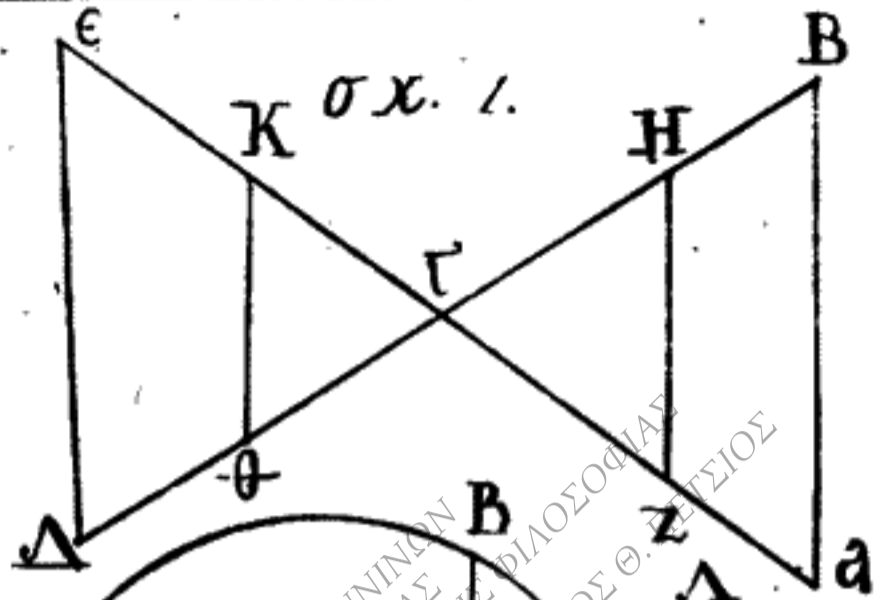
$$(v) ay = \beta\chi \quad | \quad (\xi) -ay = -\beta\chi \quad | \quad (\omicron) \gamma^2 - ay = \beta\chi + \beta\mu$$

$$(\pi) a \cdot \frac{\gamma^2 - y}{a} = \beta \cdot \frac{\chi + \mu}{a} \quad | \quad (\rho) az = \beta\Omega \quad | \quad (\sigma) 2a\chi - \chi^2 = y^2 \quad | \quad (\tau) a^2 - z^2 = y^2$$

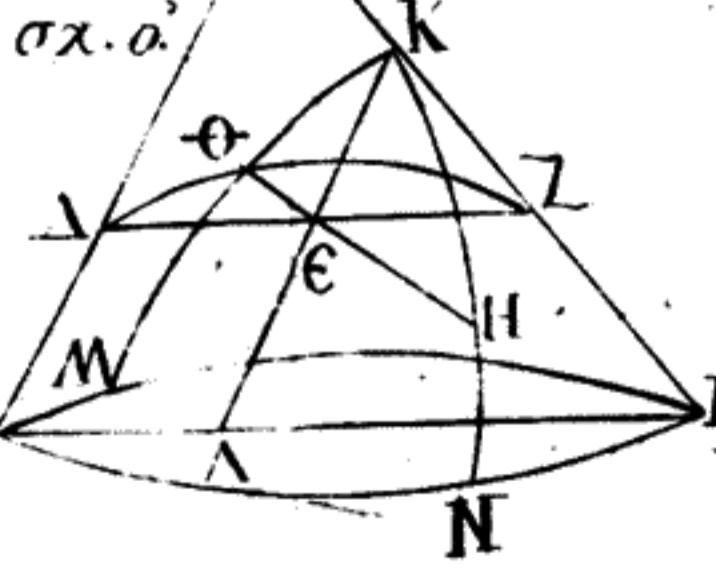
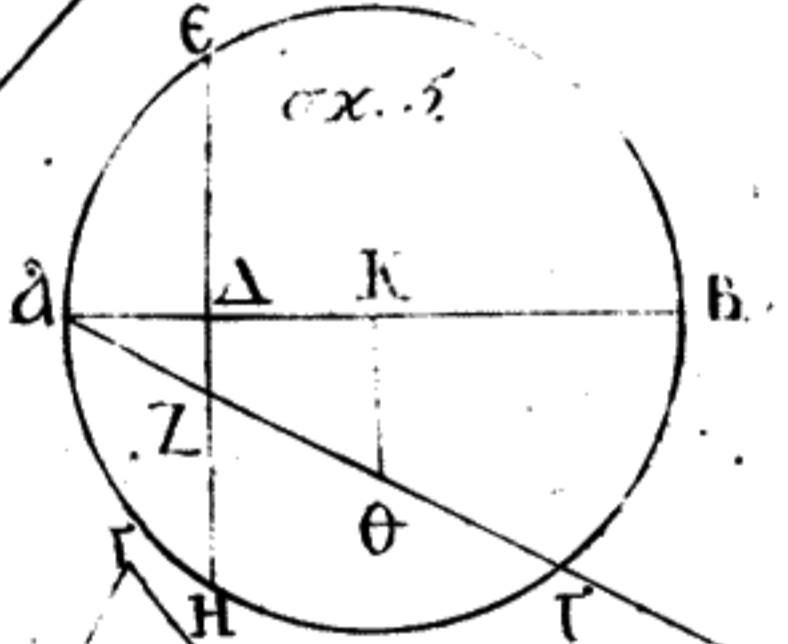
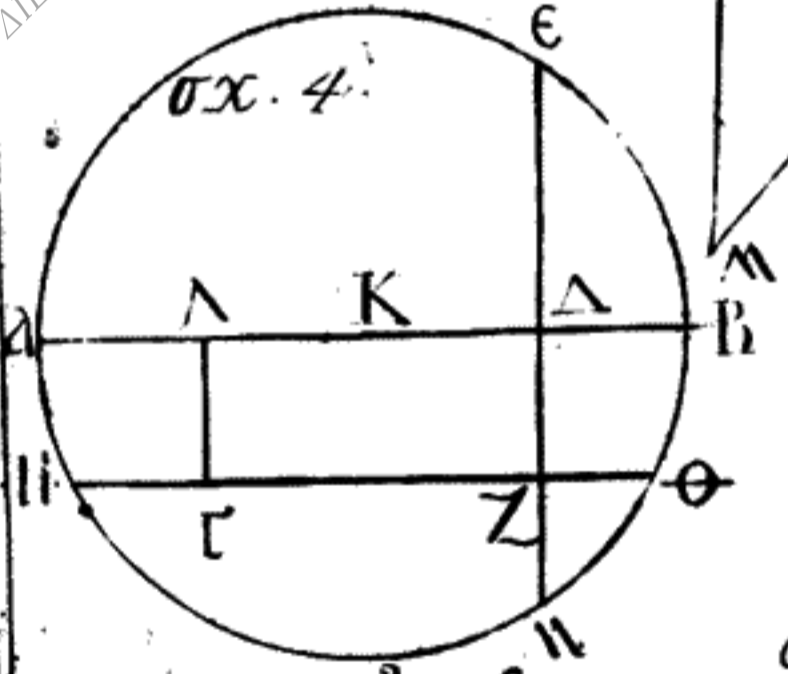
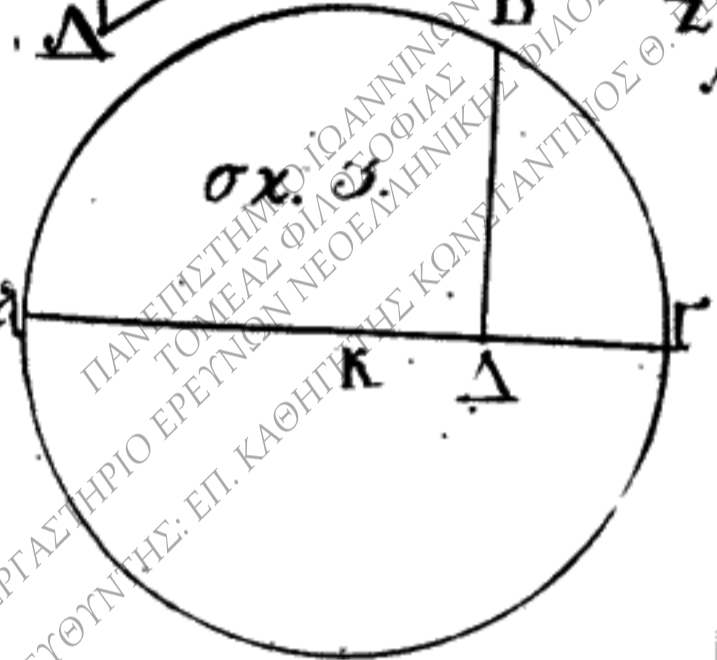
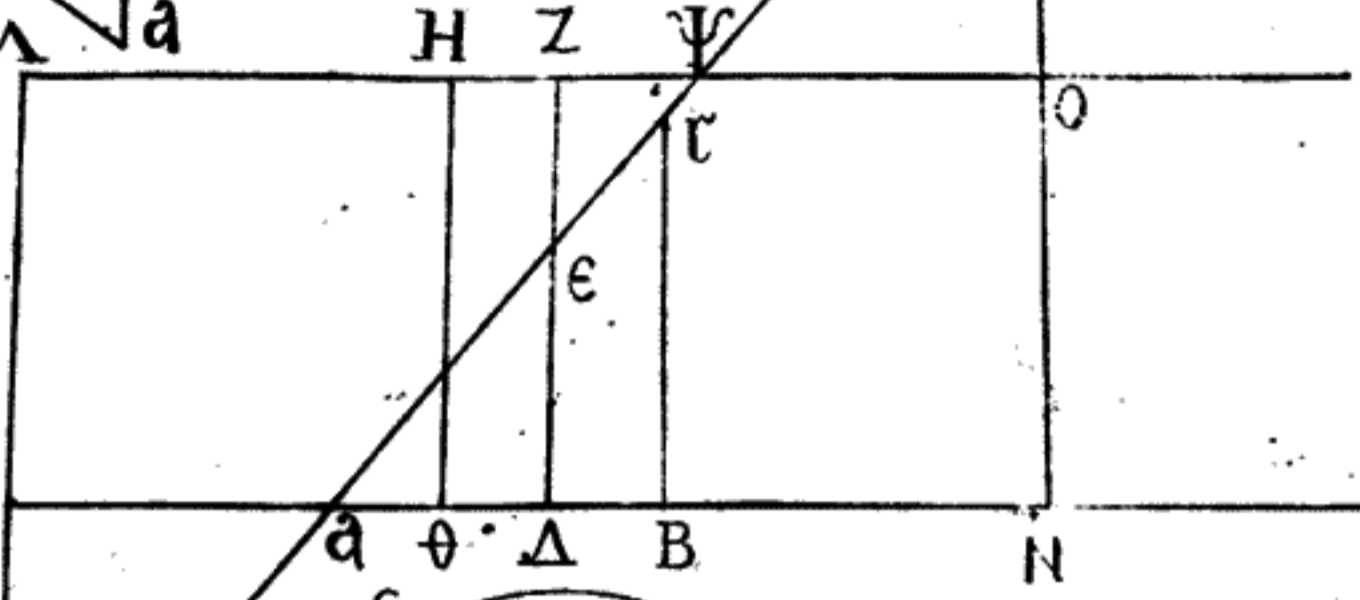


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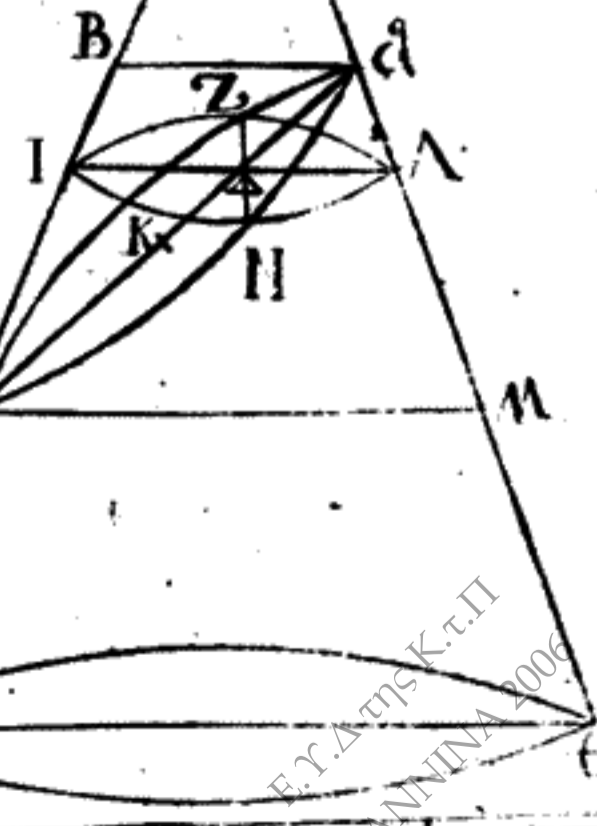
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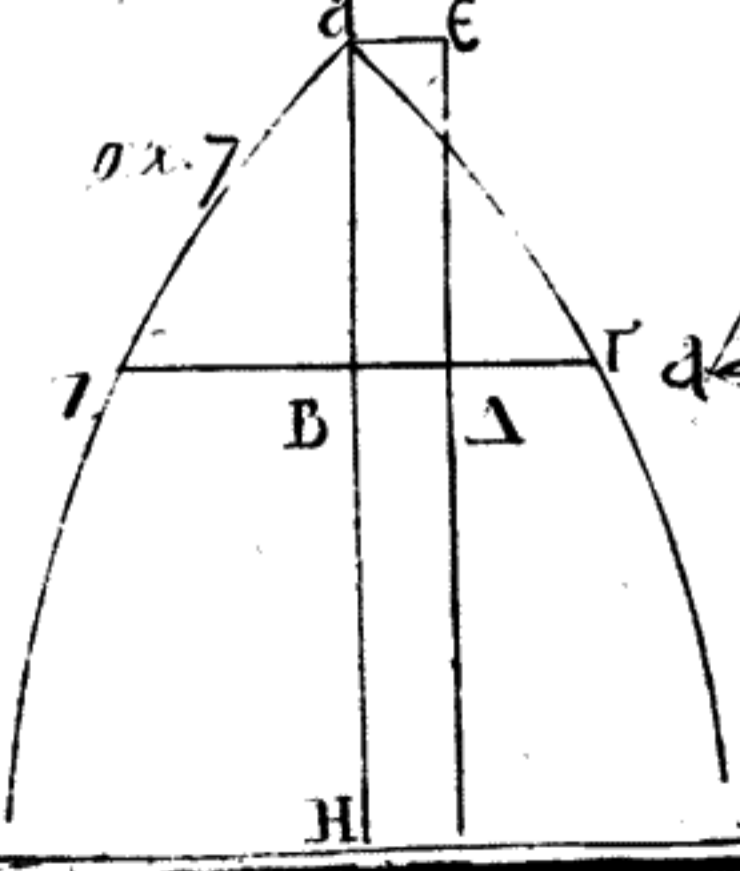
σχ. 2.



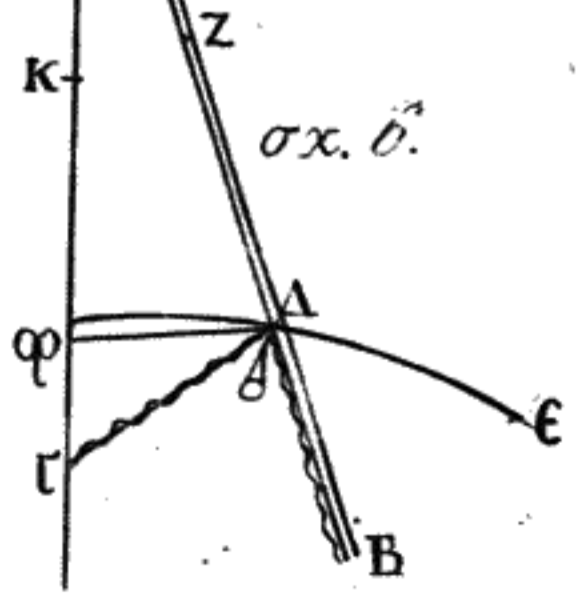
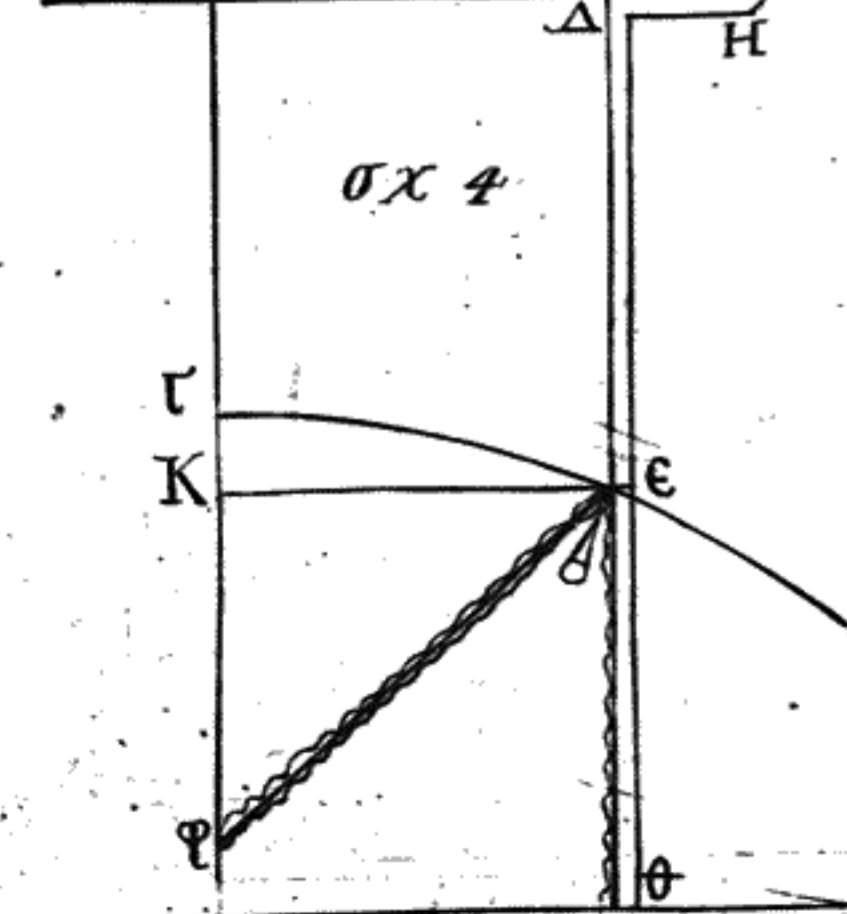
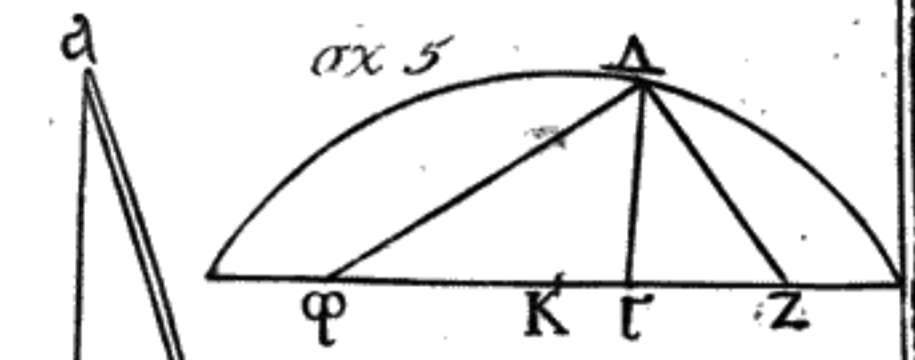
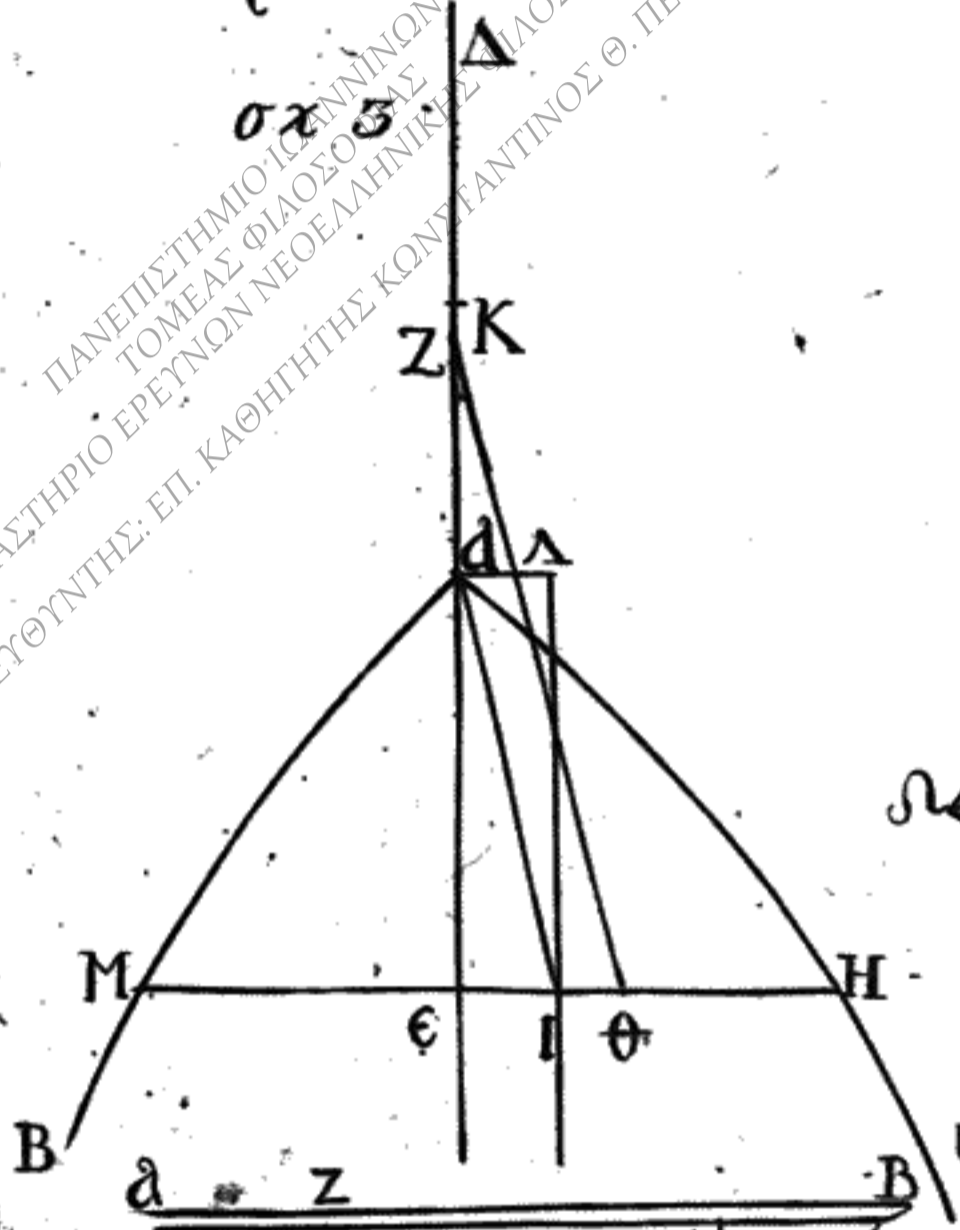
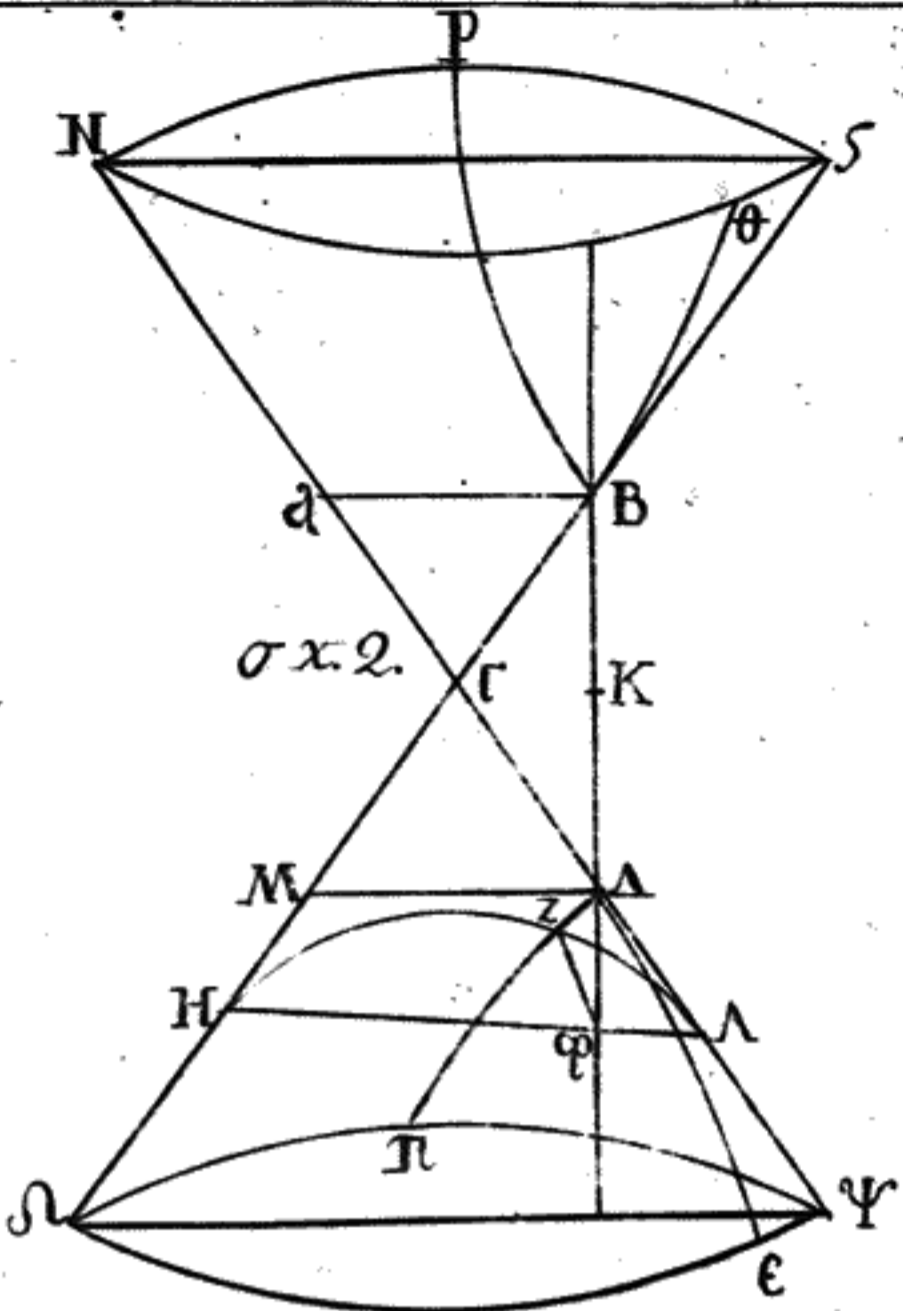
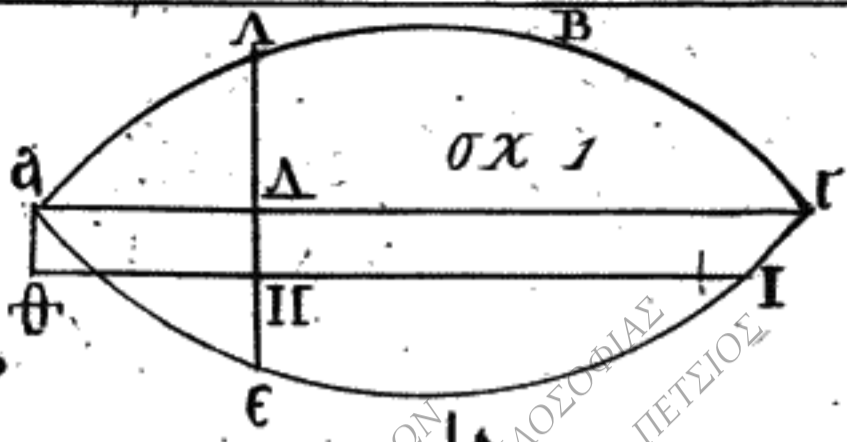
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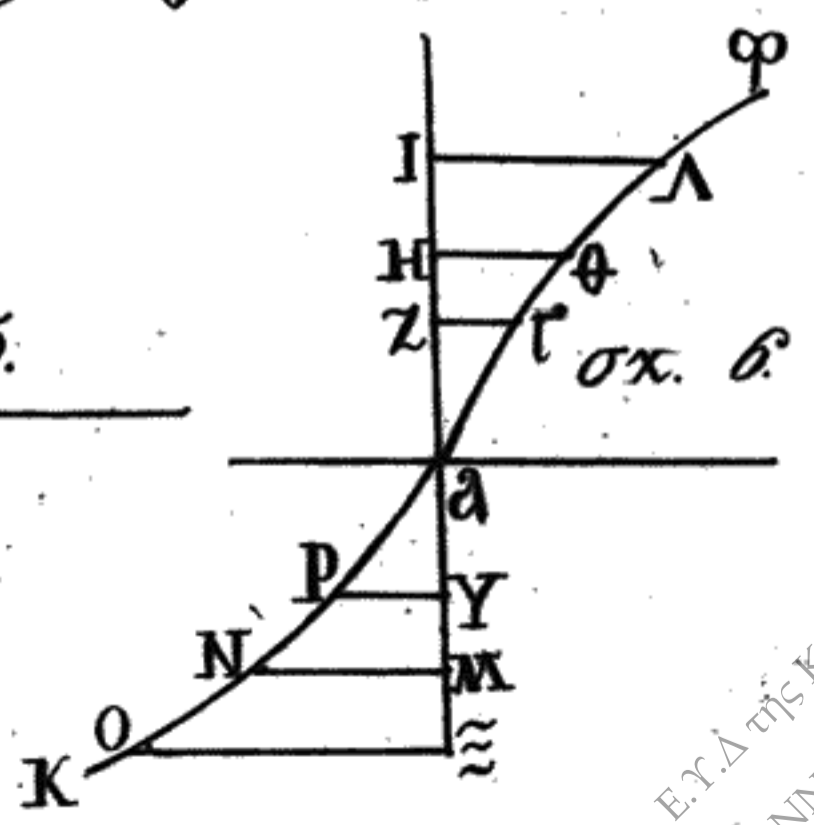
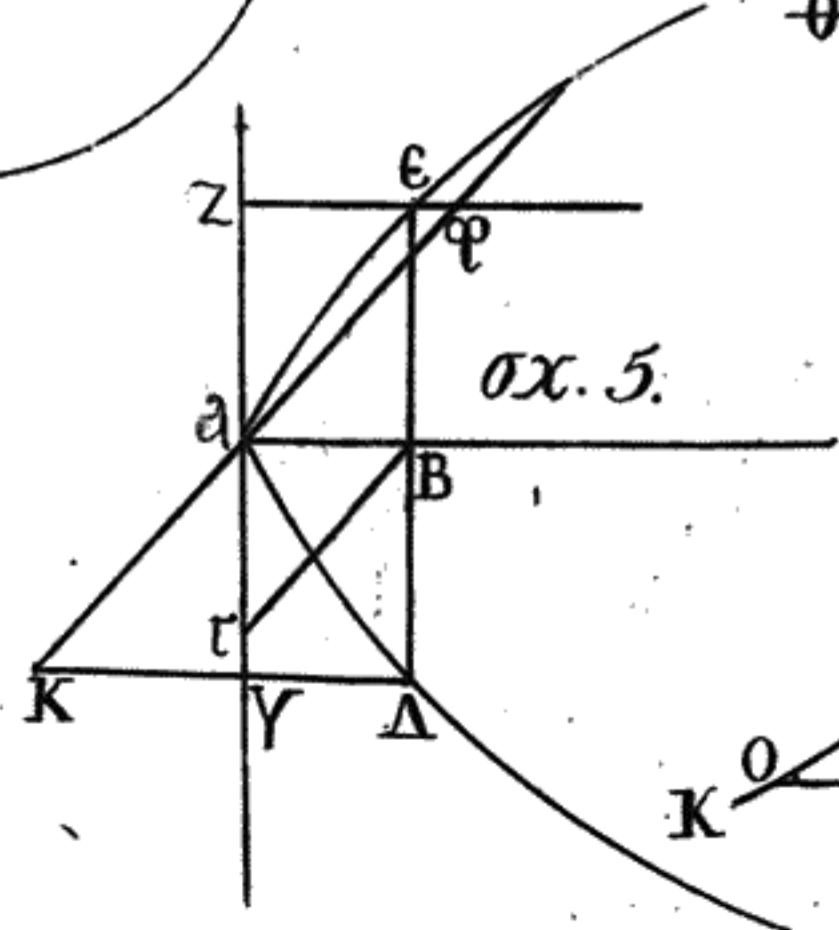
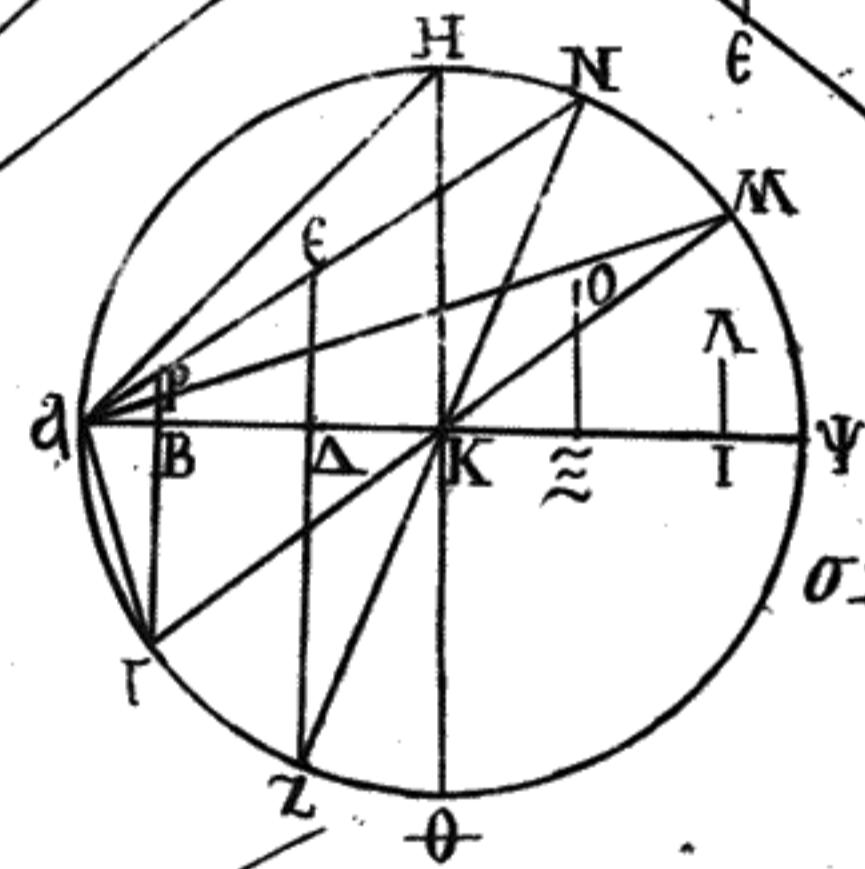
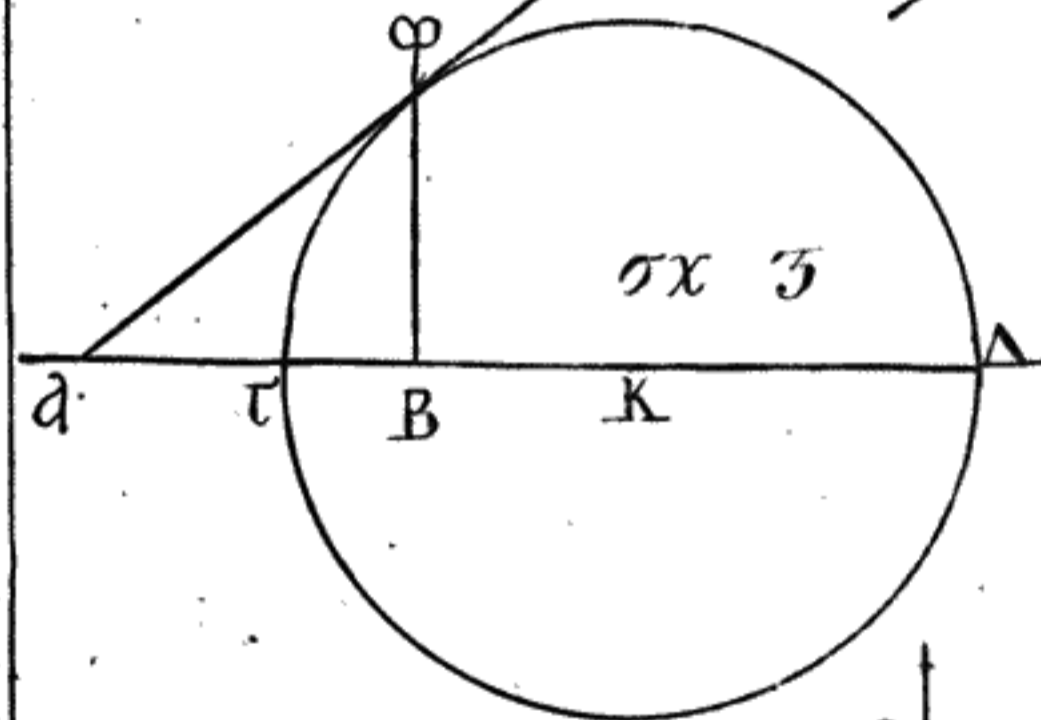
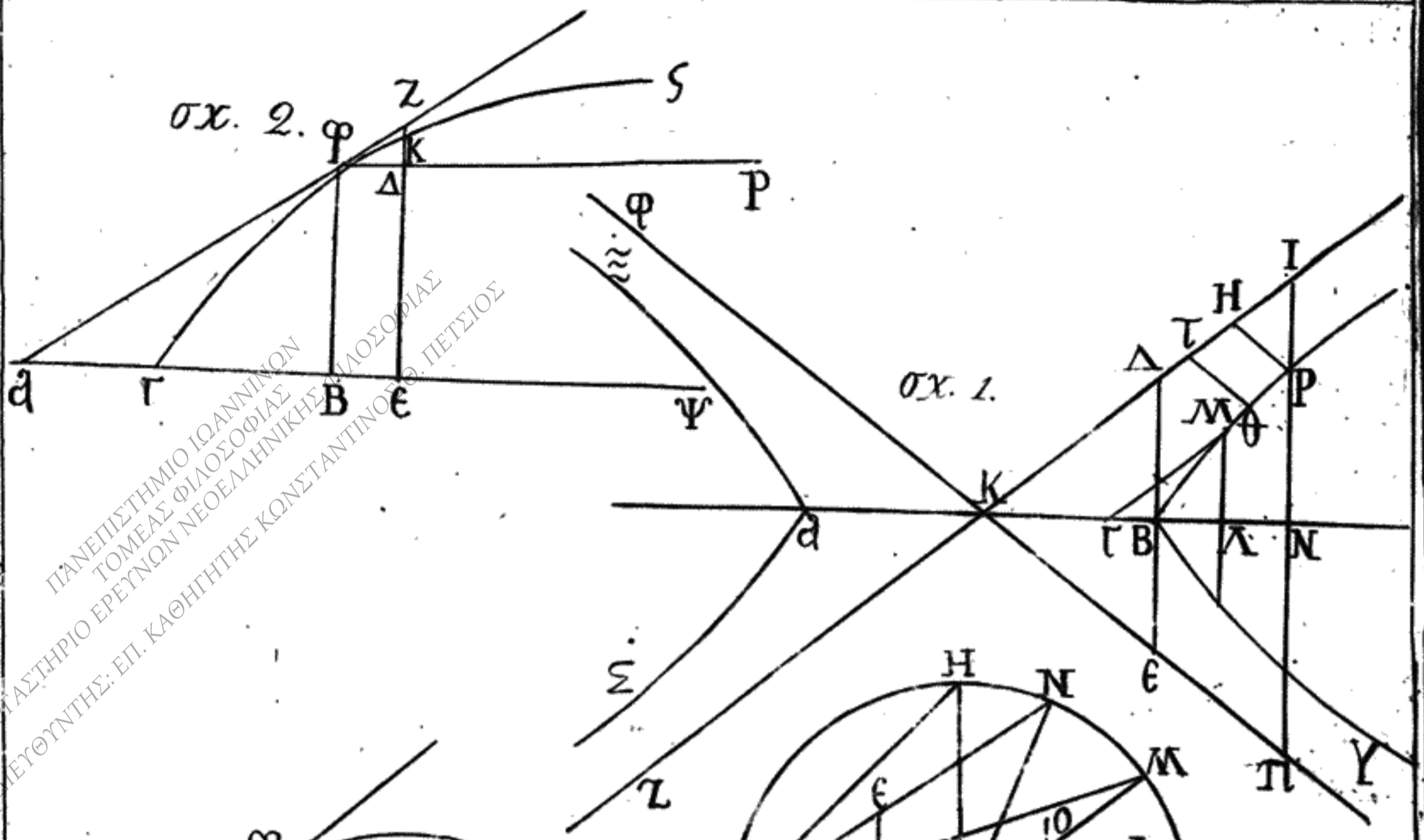


σχ. 7.



$$\begin{aligned}
 (\Gamma) \quad 2\alpha\chi - \chi^2 &= y^2 - 2\gamma y \quad | \quad (\text{K}) \quad 2\alpha\chi - \chi^2 + \gamma = y^2 - 2\gamma y + \gamma^2 \\
 (\Lambda) \quad 2\alpha\chi - \chi^2 + \gamma^2 &= z^2 \quad | \quad (\text{M}) \quad \gamma^2 - z^2 = \chi^2 - 2\alpha\chi \quad | \quad (\text{N}) \quad \alpha^2 + \gamma^2 - z^2 = \chi^2 - 2\alpha\chi + \alpha^2 \\
 (\Xi) \quad v^2 - z^2 &= \Omega^2 \quad | \quad (\text{O}) \quad 2\alpha\chi - \chi^2 - \frac{\beta^2 \chi^2}{\alpha^2} = y^2 + \frac{2\beta\chi\gamma}{\alpha} \\
 (\Pi) \quad 2\alpha\chi - \chi^2 - \frac{\beta^2 \chi^2}{\alpha^2} + \frac{\beta^2 \chi^2}{\alpha^2} &= y^2 + \frac{2\beta\chi\gamma}{\alpha} + \frac{\beta^2 \chi^2}{\alpha^2} \quad | \quad (\text{P}) \quad z^2 = 2\alpha\chi - \chi^2 \\
 (\Sigma) \quad \frac{\alpha\beta\chi}{\gamma} &= y^2 \quad | \quad (\text{T}) \quad 2\alpha\chi - \frac{2\beta}{\gamma}\chi = y^2 + 2\beta y + \beta^2 \quad | \quad (\text{Υ}) \quad 2v\chi = z^2 \\
 (\Phi) \quad \frac{2\alpha\beta\gamma\chi - \beta\gamma\chi^2}{4\alpha^2} &= y^2 \quad | \quad (\text{X}) \quad 2\alpha\chi - \chi^2 = \frac{4\alpha^2 y^2}{\beta\gamma} \quad | \quad (\text{Ψ}) \quad 2\alpha\chi - \chi^2 = \frac{\alpha^2 y^2}{v^2} \\
 (\Omega) \quad y^2 &= \frac{\beta\gamma}{4\alpha^2} \cdot \overline{\alpha^2 - z^2} \quad | \quad (\text{Α}) \quad \frac{\alpha^2 y^2}{v^2} = \alpha^2 - z^2 \quad | \quad (\text{C}) \quad 2\alpha^2 - \alpha^2 = \frac{\alpha^2 y^2}{v^2} \\
 (\text{D}) \quad \frac{\alpha^2 y^2}{v^2} &= \alpha^2 - 0 \quad | \quad (\text{E}) \quad 2\alpha\chi - \chi^2 = \frac{\beta^2 y^2}{v^2} \quad | \quad (\text{F}) \quad \frac{\beta^2 y^2}{v^2} = \alpha^2 - z^2 \\
 (\text{G}) \quad 2\alpha^2 - \alpha^2 &= \frac{\beta^2 y^2}{v^2} \quad | \quad (\text{L}) \quad \frac{\beta^2 y^2}{v^2} = \alpha^2 \quad | \quad (\text{M}) \quad y^2 + 2\gamma y + \gamma^2 = \frac{2\alpha\beta\chi - \beta\chi^2}{v} \\
 (\text{N}) \quad \frac{vz^2}{\beta} &= 2\alpha\chi - \chi^2 \quad | \quad (\text{Q}) \quad \frac{\beta\gamma}{4\alpha^2} \cdot \overline{2\alpha\chi + \chi^2} = y^2 \quad | \quad (\text{S}) \quad \frac{\alpha^2 y^2}{v^2} = 2\alpha\chi + \chi^2 \\
 (\text{V}) \quad \frac{\alpha^2 y^2}{v^2} &= z^2 - \alpha^2 \quad | \quad (\alpha) \quad \frac{\beta^2 y^2}{v^2} = 2\alpha\chi + \chi^2 \quad | \quad (\beta) \quad \frac{\beta^2 y^2}{v^2} = z^2 - \alpha^2 \\
 (\gamma) \quad \frac{\alpha^2 v^2}{v^2} &= \chi^2 + \frac{2\alpha\chi\gamma}{\beta} + \frac{\alpha^2 y^2}{\beta^2} + \gamma^2 \quad | \quad (\delta) \quad \frac{\alpha^2 y^2 - \gamma^2}{v^2} = z^2 \quad | \quad (\epsilon) \quad \frac{v^2 z^2}{\alpha^2} = y^2 - \frac{v^2 \gamma^2}{\alpha^2} \\
 (\zeta) \quad \frac{\alpha^2 y^2}{\beta^2} &= 2\alpha\chi + \chi^2 \quad | \quad (\eta) \quad \frac{4\beta^2 \Pi z}{\alpha^2 + \beta^2} = \frac{\beta^2}{\alpha^2} \cdot \overline{\alpha + \chi^2 - y^2} \\
 (\theta) \quad \frac{4\beta^2 \Pi z}{\alpha^2 + \beta^2} &= \frac{\alpha^2 \beta^2 + 2\alpha\beta^2 \chi + \beta^2 \chi^2 - 2\alpha\beta^2 \chi - \beta^2 \chi^2}{\alpha^2} \quad | \quad (\iota) \quad \Pi z = \frac{\alpha^2 + \beta^2}{4}
 \end{aligned}$$





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