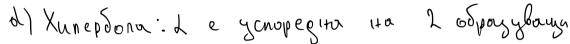
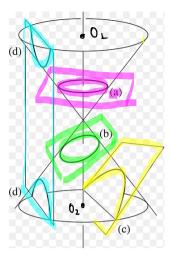
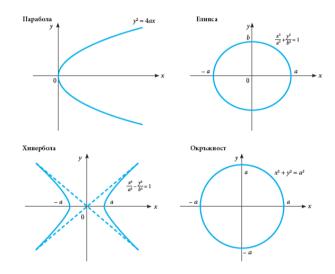
Kohurtha arathur

Apoll Represel Rollyc 0,02 - oc 1+a Koltyca Cerenus c pabinairas

- 0) Oxprx HOCT: 110,02
- &) Enunca: L'upecura + opany banya na kohyco
- of Napadona: Le yenopegua un camo l'odportybaya

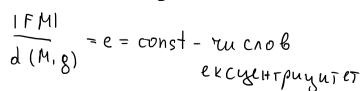




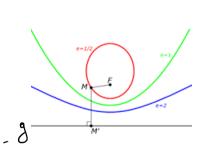


T. F - obukyc 37 F - guperrpuca

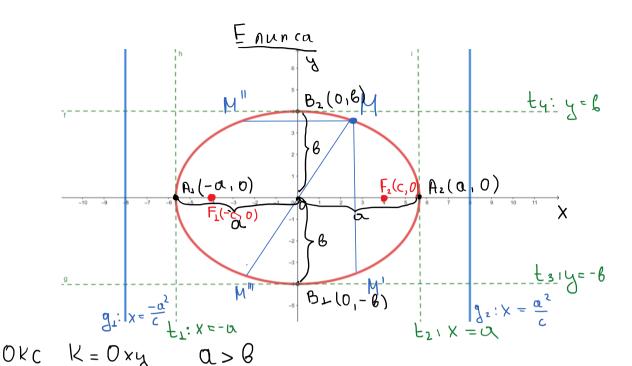
Karbo e FM Ha Bewer Forku M or palhuhara, za Kouro



1) Npu 0<e<1 => TM e enunca



3) Npu e>1 => TH e xunep Jona



 $\xi : \frac{x^2}{a^2} + \frac{y^2}{b^2} = 1 - \text{METPWCHO} \quad \text{KOCHOHWCHO GYOBINE-}$ 17 WE HOW ENUNCO

Pasnonoxenue u closiciba:

TO- equicibely yellisp no countries on E

$$\frac{1}{11} \frac{x^{2}}{\alpha^{2}} + \frac{y^{2}}{\beta^{2}} = 1 = 3$$

$$x^{2} = (\beta^{2} - y^{2}) \cdot \frac{\alpha^{2}}{\beta^{2}} = 3 - 6 = y \leq 6$$

$$y^{2} = (\alpha^{2} - x^{2}) \cdot \frac{\beta^{2}}{\alpha^{2}} = 3 - \alpha \leq x \leq \alpha$$

=> Enuncara & e zour Bupella B upabor VENHUX
CVEC CTPOINU La u 26.

A. Az - 2012 ma oc 14a E B. B2 - molnica oc 4a E

III Bropxube

конични сечения Page

$$A_{1}(-\alpha,0) => t_{1}: x=-\alpha$$
 $A_{2}(\alpha,0) => t_{2}: x=\alpha$
 $B_{1}(0,-6) => t_{3}: y=-b$
 $B_{2}(0,6) => t_{4}: y=6$
 $B_{3}(0,6) => t_{4}: y=6$

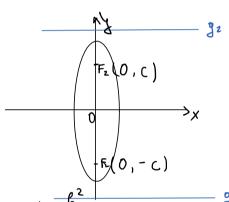
$$\frac{\alpha_{s}}{\chi_{s}} + \frac{\beta_{s}}{2} = T$$

$$c^2 = \alpha^2 - \beta^2$$

F, (-c,0) + F2 (c,0)

Pupertypum:
$$g_{\perp}$$
 $x = -\frac{\alpha^2}{c}$, g_z : $x = \frac{\alpha^2}{c}$

 $\xi: \frac{\chi^2}{\alpha^2} + \frac{\chi^2}{\alpha^2} = 1 \quad \alpha < \beta$ $c^2 = 6^2 \bigcirc a^2$



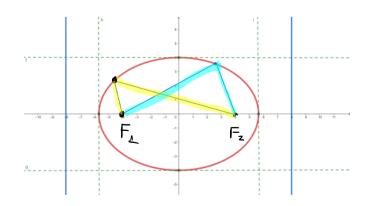
 $F_{1}(0,-c)$; $F_{2}(0,c)$

Dupekrpuch $g_1, y = \frac{-6^2}{c}, g_2 : y = \frac{6^2}{c}$

Des Enunca: MH Ha Bewern FUTKU M OF pabhuhara , za kouro

 $|F_{\Delta}M| + |F_{Z}M| = const = 2a$

FI, Fz - goving on 1+0 enull colta



ONTWIND COU UCT GO HA ENUNCOITA

Chetnumen 252 mundon

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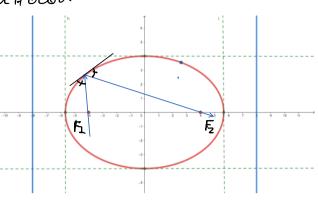
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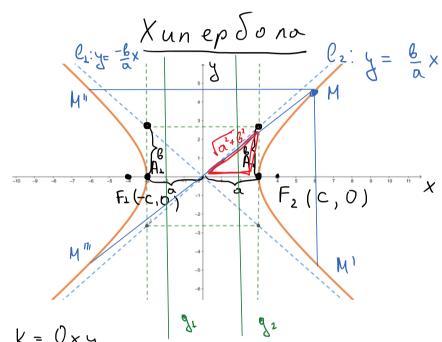
orpozs ba or ness.

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grynne opvryc Ha E.



OKC K= 0xx

 $\chi: \frac{\chi^2}{\alpha^2} - \frac{\chi^2}{\beta^2} = 1 - \mu \chi \rho \psi \chi h \rho \chi h$

TOX, Oy-egun cobenuse och 1+a cumet pur zor xunep so nasa T.O-egun coben yentre p 1+or cumet pur za 2

II A cumn TO Fu

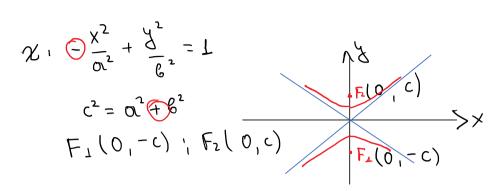
$$\ell_1: y = -\frac{6}{\alpha} \times , \quad \ell_2: y = \frac{6}{\alpha} \times$$

$$\frac{11}{11} O go x y c n \qquad \frac{\chi^2}{\alpha^2} - \frac{y^2}{\beta^2} = 1 \qquad c^2 = \alpha^2 + \beta^2$$

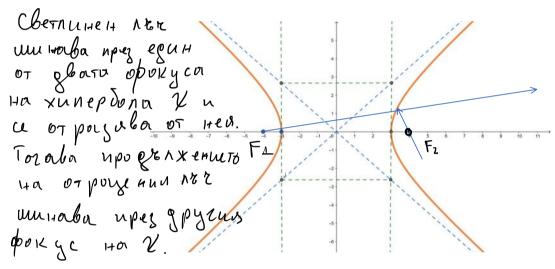
$$F_{1}(-c,0)$$
; $F_{2}(c,0)$

1

$$F_{\perp}(-c,0)$$
; $F_{z}(c,0)$
 $Dupektpuch: g_{\perp}: x = -\frac{\alpha^{2}}{c}, g_{z}: x = \frac{\alpha^{2}}{c}$



ONTWIND COOJICTGO HON XUNEPJUNDITA



Des Xunepoura. FM Ha Benera Torka M or porb 14 4 40170, za Konfo

Naportona

OKC
$$|C = 0 \times y$$

Ti: $y^2 = 2 p \times y \in (-cs, +cs)$

- we put to $p > 0$

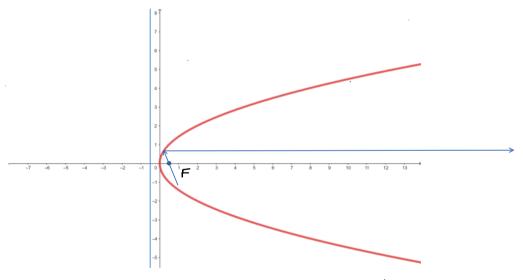
Vol to the write $p > 0$

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Valuation pro Valuation $F(\frac{P}{2},0)$ $F(\frac{P}{2},0)$ $X=\frac{-f}{2}$

I 0x - 00 на сишетри и за ГГ т.0 (0,0) - връх 1+а ГГ 0y-върхова вонирателна

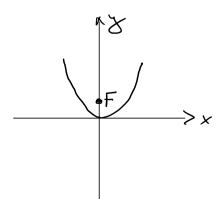
TI. Opokyc $F(\frac{P}{2},0)$ Dupektpuca $g: X = \frac{-P}{2}$ Ontwith O clook to the napod orator



CheTAUHEH AZZ MUHOLON MPUS GODICY CO HA NOTIONO NO TI N CE OTPOZUS LA OT HEUS. TOZORA OTPONZHUNT AZZ CTOLON Y CAD PEZENT HON OC SA HA CHMIT PUN HON TI.

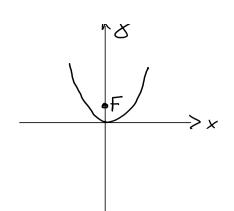
$$T : x^2 = 2py \qquad p > 0$$

$$F(0, \frac{p}{2})$$



$$Tr: x^2 = 2py \qquad p>0$$

$$F(0, \frac{p}{2})$$



Donuporterita & T. Mo (xo, yo) wom:

a)
$$\epsilon_1 \frac{x^2}{a^2} + \frac{y^2}{6^2} = L$$
 e c $y - e$ $\frac{x \cdot x_0}{a^3} + \frac{y \cdot y_0}{6^2} = L$

$$5) \ \chi_{1} \ \frac{\chi^{2}}{a^{2}} - \frac{y^{2}}{g^{2}} = 1 \quad e \quad c \quad y - e \quad t_{0} \ \frac{\chi_{1} \chi_{0}}{a^{2}} - \frac{y_{1} y_{0}}{g^{2}} = 1$$

Nountebre 1)
$$\frac{x^2}{9} = \frac{y^2}{4} = 1$$

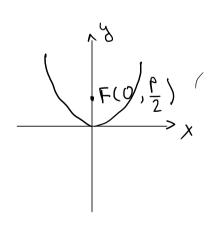
$$\frac{x^2}{\alpha^2} - \frac{y^2}{6^2} = 1$$

$$c^2 = \alpha^2 + \theta^2 = 3^2 + 2^2 = 13$$

$$F_1(-\sqrt{13}, 0), F_2(\sqrt{13}, 0)$$

2)
$$x^2 = y = 2 \cdot \frac{1}{2} \cdot y$$

 $x^2 = 2 \cdot py$
 $p = \frac{1}{2} = y \cdot \frac{1}{2} = \frac{1}{4}$
 $F(0) \cdot \frac{1}{4}$

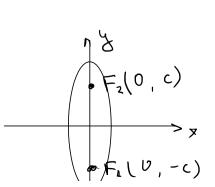


3)
$$\frac{x^{2}}{3} + \frac{y^{2}}{6} = 1$$

$$\frac{x^{2}}{3} + \frac{y^{2}}{6} = 1$$

$$0 = \sqrt{3} < 6 = \sqrt{6}$$

$$0 = \sqrt{3} < 6 = \sqrt{6}$$



$$01 = \sqrt{3} < \beta = \sqrt{6}$$

$$0^2 = \sqrt{6^2 - \sqrt{3}^2} = 3$$

 $F_{\perp}(0, -\sqrt{3}), F_{2}(0, \sqrt{3})$