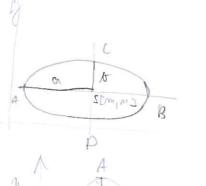
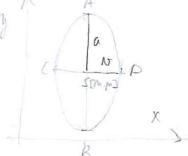
(18) Elipsa, hyperbola, parabola · Elipsa - množiva všech bodu v rovině, bleré mají od dvou dan zh bodu E, F roving borslantní roučet vordalenosti, tolo číslo re vazva 20. E.F. ohnisha $a = b + e^2$ 20 AB ... Alarmiora $e = \sqrt{a^2 - b^2}$ toco ... vedlejon ord AFaseF C... l'eculricita B ABGD... writely





 $\frac{(k-m)^{2}}{b^{2}} + \frac{(m-m)^{2}}{a^{2}} = 1$

 $\frac{(x-m)^{2}}{a^{2}} + (y-m)^{2} = 1$

- leena v bode T Dioino] (x-m)(xo-m) (n-

Privila roloim hurebour ploch a rovinau Blero nom bolma na om terto ploch a reprochara vijim verskolem. Ukel, bler srovina sara sona hurele si verter, ner rihel, bler sviraji asa a drama burele

"Hyperbola - Minosina vsech bodi v rovine blere majo od Avou danjih bodul E, F roving bonstantni absolutni hodnolu rozdatu voulalenosti, loto caslo mairme 2a. F.E. whisha R... lecontricita $l = \sqrt{a^2 + b^2}$ 20 E.F. . Mariora AB .- Reon without 20 GD ... Nedlejon on 4pm bedlepsin winhel ang az ... Osymptoly $a_1: y = \frac{b}{a} x$ $q_2 \cdot m = -\frac{b}{a} X$ $\frac{(x-m)^2}{a^2} - \frac{(y-m)^2}{b^2} = 1$ $a_1: g = \frac{h}{a}(x-m)+n$ $a_2: m = -\frac{k}{a}(y-m)+m$ $-\frac{(x-m)^{2}}{k^{2}}-\frac{(n-m)^{2}}{n^{2}}=1$ [mim]21 a1: m= a (x-m)+m $a_2: y = -\frac{a}{k}(k-m) + m$

· Parabola - Množina vserh bodi v rovine, blere maji slejnou vrdalenost od dmreho bodi Fjubo od dane parmk d, blera bodom F neprochasi. F... ahnisho d... Tridin primba O... Osa puribog p... parametr letra: (x-m)(xo-m) = 12(y-m)(yo-m) $(x-m)^2 = 2p(y-n)$ V = [mim] $(y-m)^2 = 2p(x-m)$ Leima: $(x - m)^{2} = -2p(x - m)^{2}$ $(x-m)^2 = -2\mu(y-n)$ leina: (x-m) (xo-m)= -p (m-m)-p (mo-m)