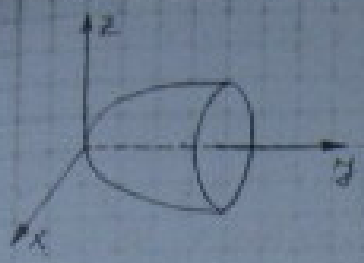
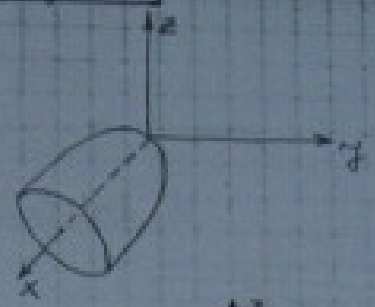
$\boxed{y = x^2 + z^2}$



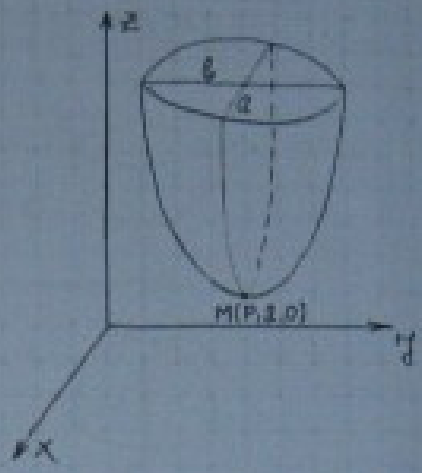
$\boxed{x = y^2 + z^2}$



- ОПШТИ ОБЛИК -

$$\boxed{\frac{(x-p)^2}{a^2} + \frac{(y-q)^2}{b^2} = z}$$

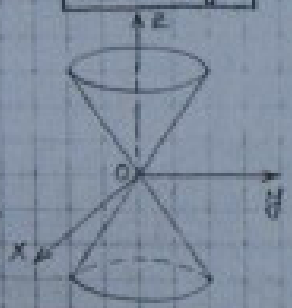
- Ниво-линије у односу на z-осу су елипсе.
- Остале ниво-линије су параболе.



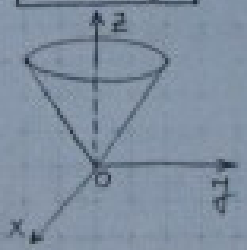
(3) Конус:

један (горњи) крак

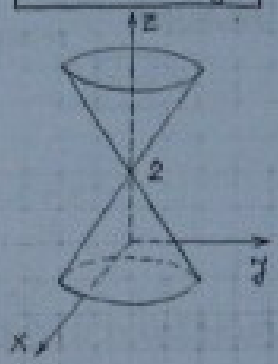
$\boxed{z^2 = x^2 + y^2}$



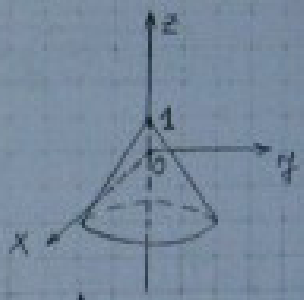
$\boxed{z = \sqrt{x^2 + y^2}}$



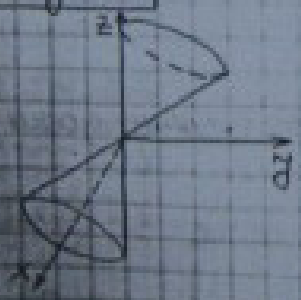
$\boxed{(z-2)^2 = x^2 + y^2}$



$\boxed{1 - z = \sqrt{x^2 + y^2}}$



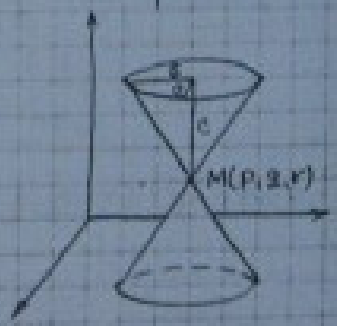
$\boxed{x^2 = y^2 + z^2}$



ОПШТИ ОБЛИК:

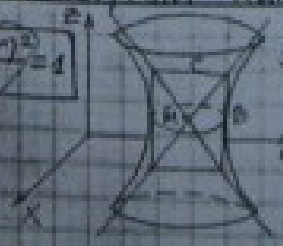
$$\boxed{\frac{(x-p)^2}{a^2} + \frac{(y-q)^2}{b^2} - \frac{(z-r)^2}{c^2} = 0}$$

- Ниво линије у односу на z-осу су елипсе
- Остале ниво линије су хиперболе



(4) Једнограни хиперболоид:

$$\boxed{\frac{(x-p)^2}{a^2} + \frac{(y-q)^2}{b^2} - \frac{(z-r)^2}{c^2} = 1}$$



за $x=0$