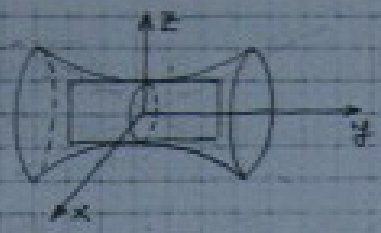
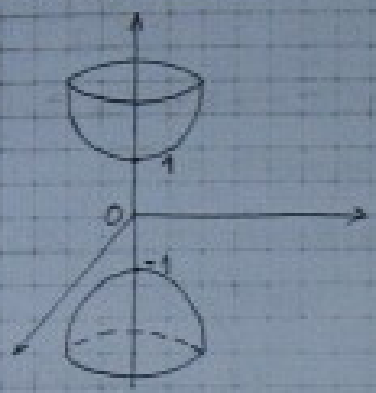
$$x^2-y^2+z^2=1$$

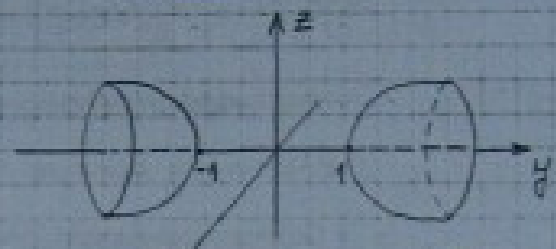


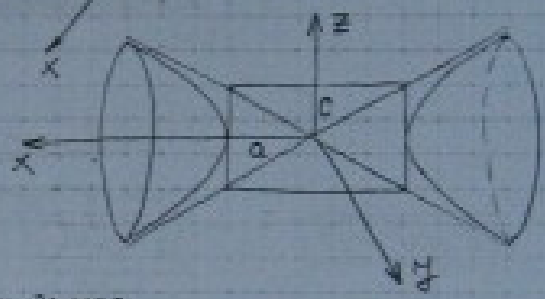
(5) Двогранни хиперболоид:

$$x^2+y^2-z^2=-1$$



$$x^2-y^2+z^2=-1$$



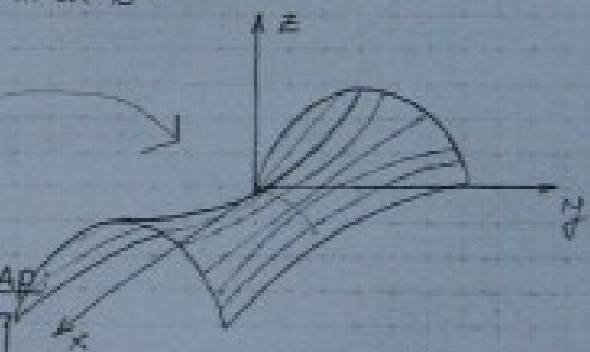


(6) Седла:

$$z=x^2-y^2$$

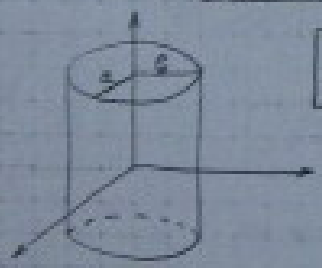
+ заротиран за 45°

$$z=xy$$



(7) Елиптички цилиндар:

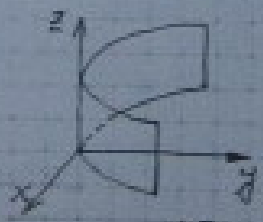
$$\frac{x^2}{a^2}+\frac{y^2}{b^2}=1$$

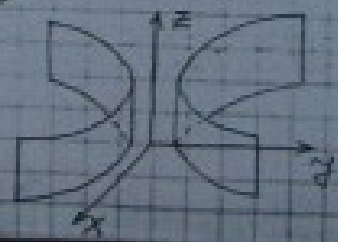


- Ако је $a=b$ онда је то кружни цилиндар

(8) Параболички цилиндар:

$$y=px^2$$



(9) Хиперболички цилиндар:

$$\frac{x^2}{a^2}-\frac{y^2}{b^2}=1$$