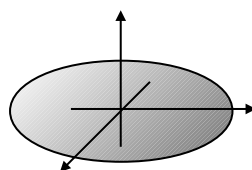
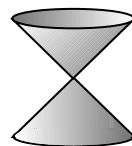


Ellissoide

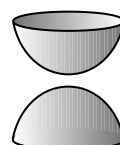
$$\frac{x^2}{a^2} + \frac{y^2}{b^2} + \frac{z^2}{c^2} = 1$$

Cono
(a due falde)

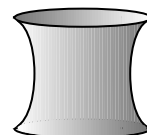
$$\frac{x^2}{a^2} + \frac{y^2}{b^2} - \frac{z^2}{c^2} = 0$$

Iperboloide ellittico
(a due falde)

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

Iperboloide iperbolico
(ad una falda)

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



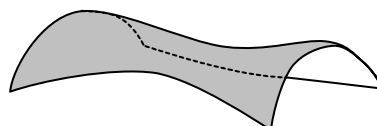
Paraboloide ellittico

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



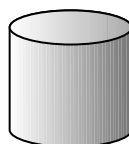
Paraboloide iperbolico

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



Cilindro ellittico

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



Cilindro iperbolico

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

