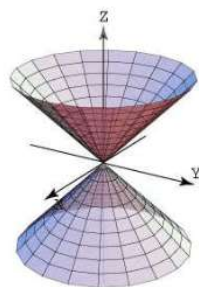


# ECUACIÓN CARTESIANA DE ALGUNAS SUPERFICIES DE REVOLUCIÓN

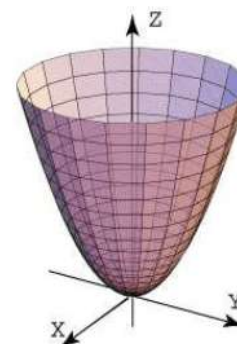
Cono elíptico

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



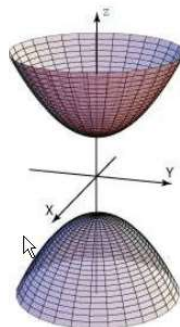
Paraboloide elíptico

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



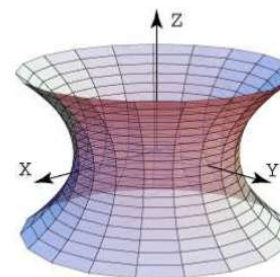
Hiperboloide de dos hojas

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



Hiperboloide de una hoja

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



Paraboloide hiperbólico

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

