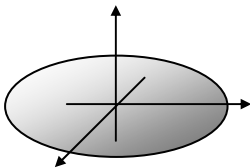

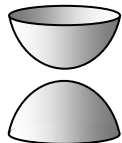
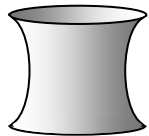

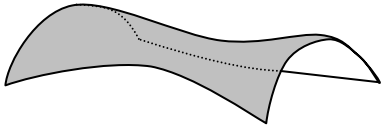
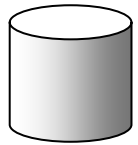


Cuádricas con centro		
Elipsoide	$\frac{x^2}{a^2} + \frac{y^2}{b^2} + \frac{z^2}{c^2} = 1$	
Cono elíptico (su eje coincide con el eje z)	$\frac{x^2}{a^2} + \frac{y^2}{b^2} - \frac{z^2}{c^2} = 0$	
Hiperboloide de 2 hojas o no reglado	$-\frac{x^2}{a^2} - \frac{y^2}{b^2} + \frac{z^2}{c^2} = 1$	
Hiperboloide de 1 hoja o reglado	$\frac{x^2}{a^2} + \frac{y^2}{b^2} - \frac{z^2}{c^2} = 1$	

Cuádricas sin centro		
Paraboloide elíptico o no reglado	$\frac{x^2}{a^2} + \frac{y^2}{b^2} = \frac{z}{c}$	
Paraboloide hiperbólico o reglado	$\frac{x^2}{a^2} - \frac{y^2}{b^2} = \frac{z}{c}$	
Cilindro elíptico (su eje coincide con el eje z)	$\frac{x^2}{a^2} + \frac{y^2}{b^2} = 1$	
Cilindro hiperbólico (su eje coincide con el eje z)	$\frac{x^2}{a^2} - \frac{y^2}{b^2} = 1$	