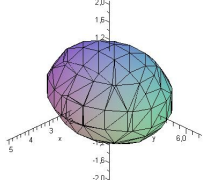
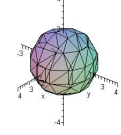
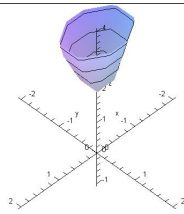
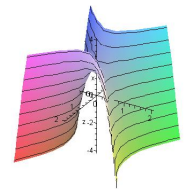
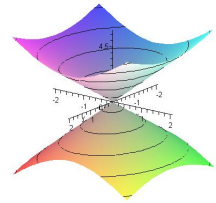
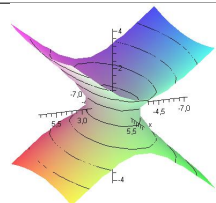


## Superfícies Quádricas

Na tabela seguinte,  $A, a, b, c, r$  são constantes reais.

Elipsóide	$\frac{x^2}{a^2} + \frac{y^2}{b^2} + \frac{z^2}{c^2} = 1$	
Esfera	$x^2 + y^2 + z^2 = r^2$	
Parabolóide elíptico	$\frac{x^2}{a^2} + \frac{y^2}{b^2} + A = cz$	
Parabolóide hiperbólico	$\frac{x^2}{a^2} - \frac{y^2}{b^2} + A = cz$	
Superfície cônica	$\frac{x^2}{a^2} + \frac{y^2}{b^2} = z^2$	
Hiperbolóide de uma folha	$\frac{x^2}{a^2} + \frac{y^2}{b^2} - \frac{z^2}{c^2} = 1$	
Hiperbolóide de duas folhas	$\frac{x^2}{a^2} - \frac{y^2}{b^2} - \frac{z^2}{c^2} = 1$	