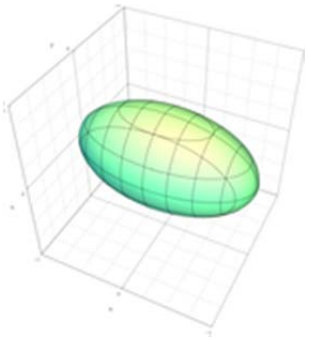
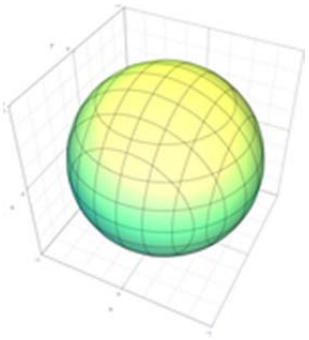
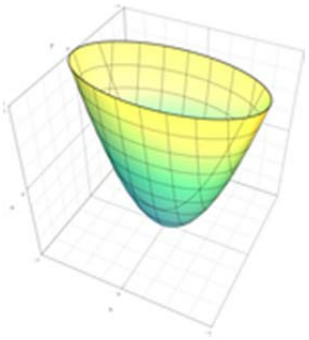
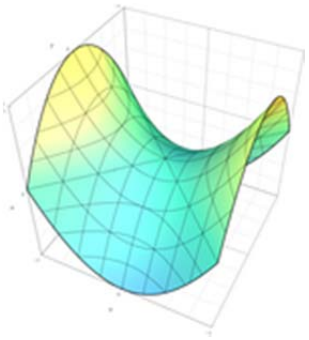
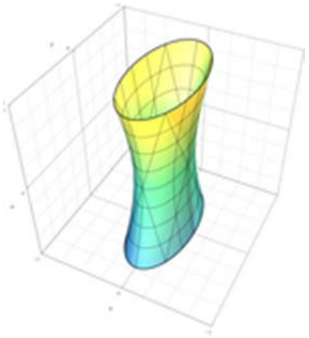
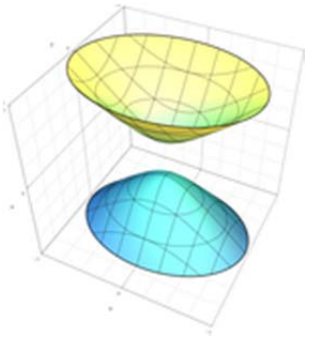
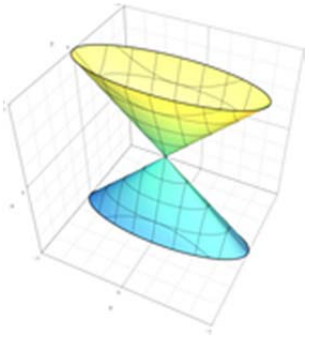
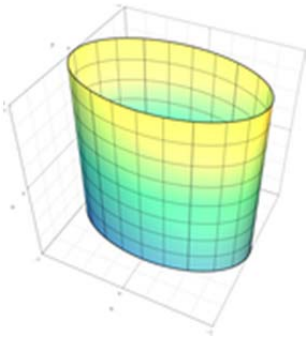
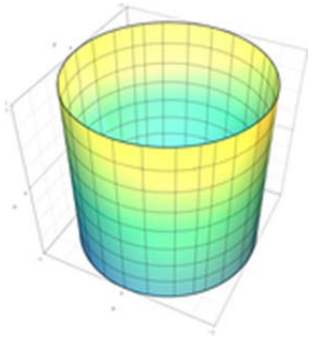
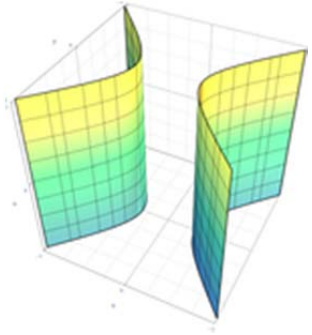
Quàdriques

El·lipsoide	$\frac{x^2}{a^2}+\frac{y^2}{b^2}+\frac{z^2}{c^2}=1$	
Esfera (cas particular de l'el·lipsoide)	$\frac{x^2}{a^2}+\frac{y^2}{a^2}+\frac{z^2}{a^2}=1$	
Paraboloide el·líptic	$\frac{x^2}{a^2}+\frac{y^2}{b^2}-z=0$	
Paraboloide hiperbòlic	$\frac{x^2}{a^2}-\frac{y^2}{b^2}-z=0$	

Hiperboloide d’un full	$\frac{x^2}{a^2}+\frac{y^2}{b^2}-\frac{z^2}{c^2}=1$	
Hiperboloide de dos fulls	$\frac{x^2}{a^2}+\frac{y^2}{b^2}-\frac{z^2}{c^2}=-1$	
Con	$\frac{x^2}{a^2}+\frac{y^2}{b^2}-\frac{z^2}{c^2}=0$	
Cilindre el·líptic	$\frac{x^2}{a^2}+\frac{y^2}{b^2}=1$	

Cilindre circular (cas particular del cilindre el·líptic)	$\frac{x^2}{a^2} + \frac{y^2}{a^2} = 1$	
Cilindre hiperbòlic	$\frac{x^2}{a^2} - \frac{y^2}{b^2} = 1$	
Cilindre parabòlic	$x^2 + 2ay = 0$