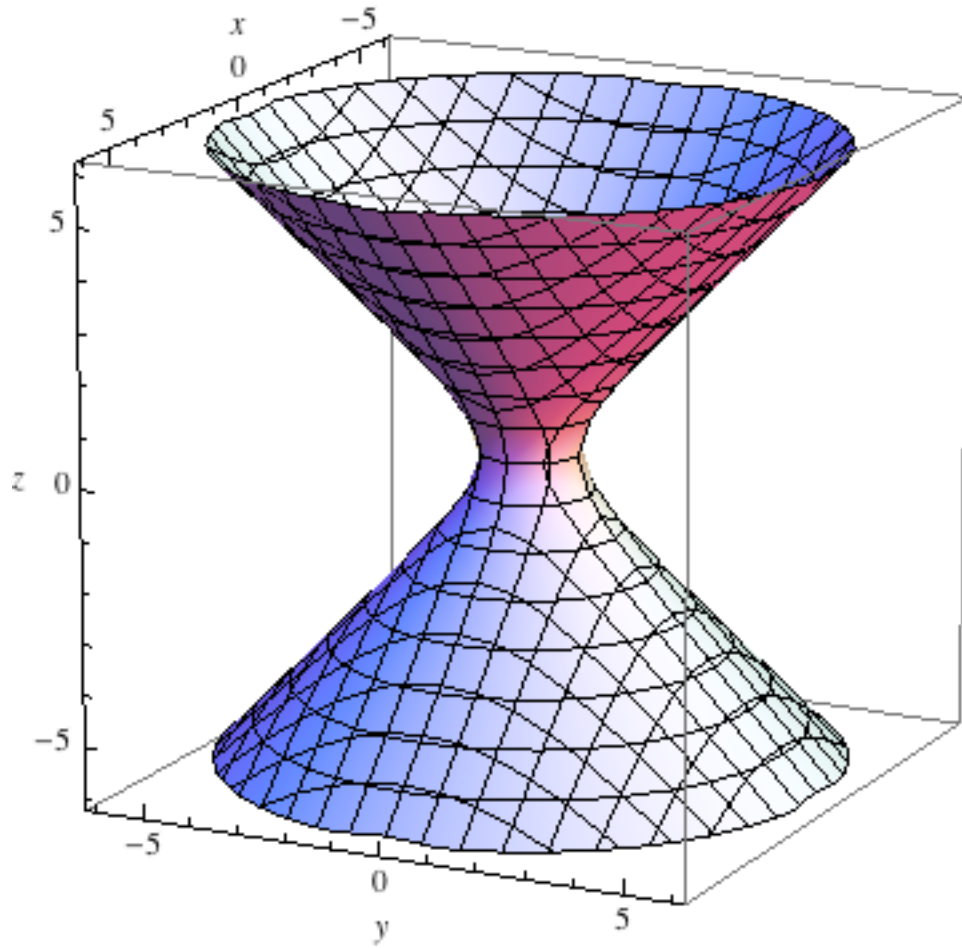
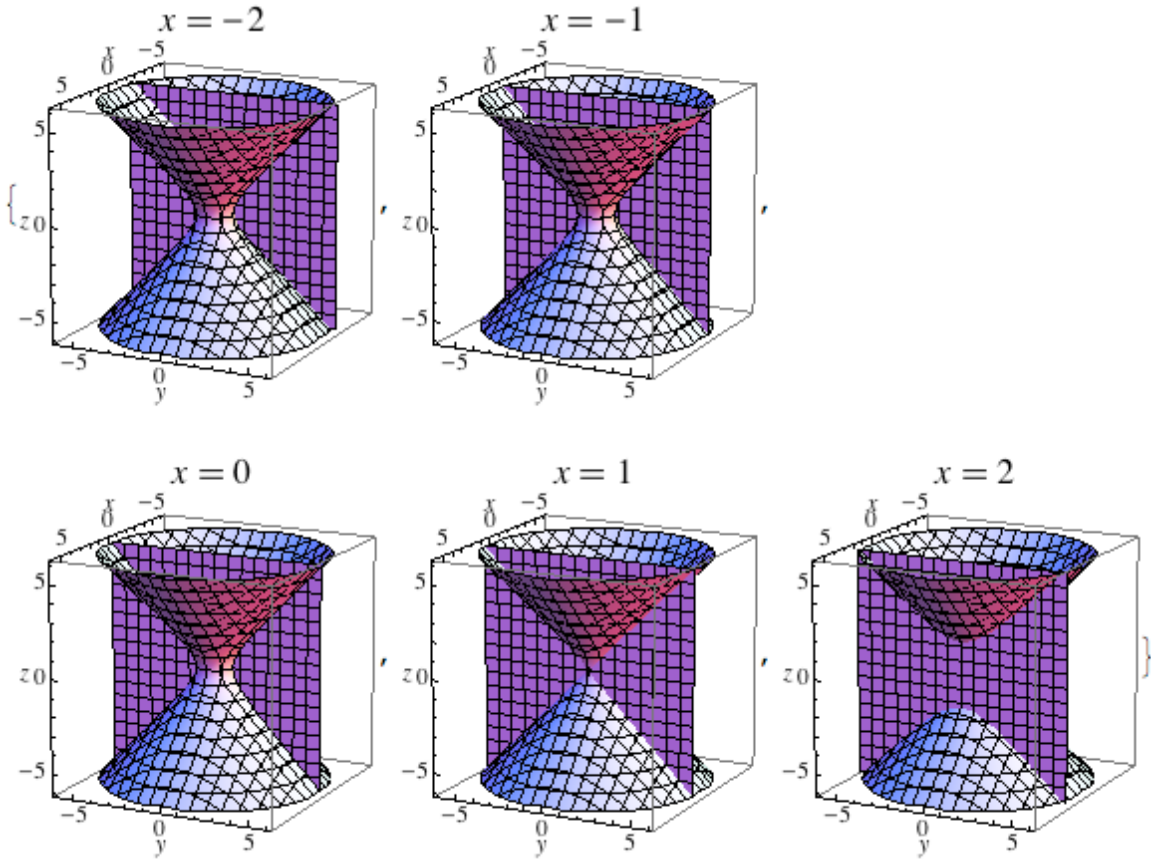


$$x^2 + y^2 - z^2 = 1$$

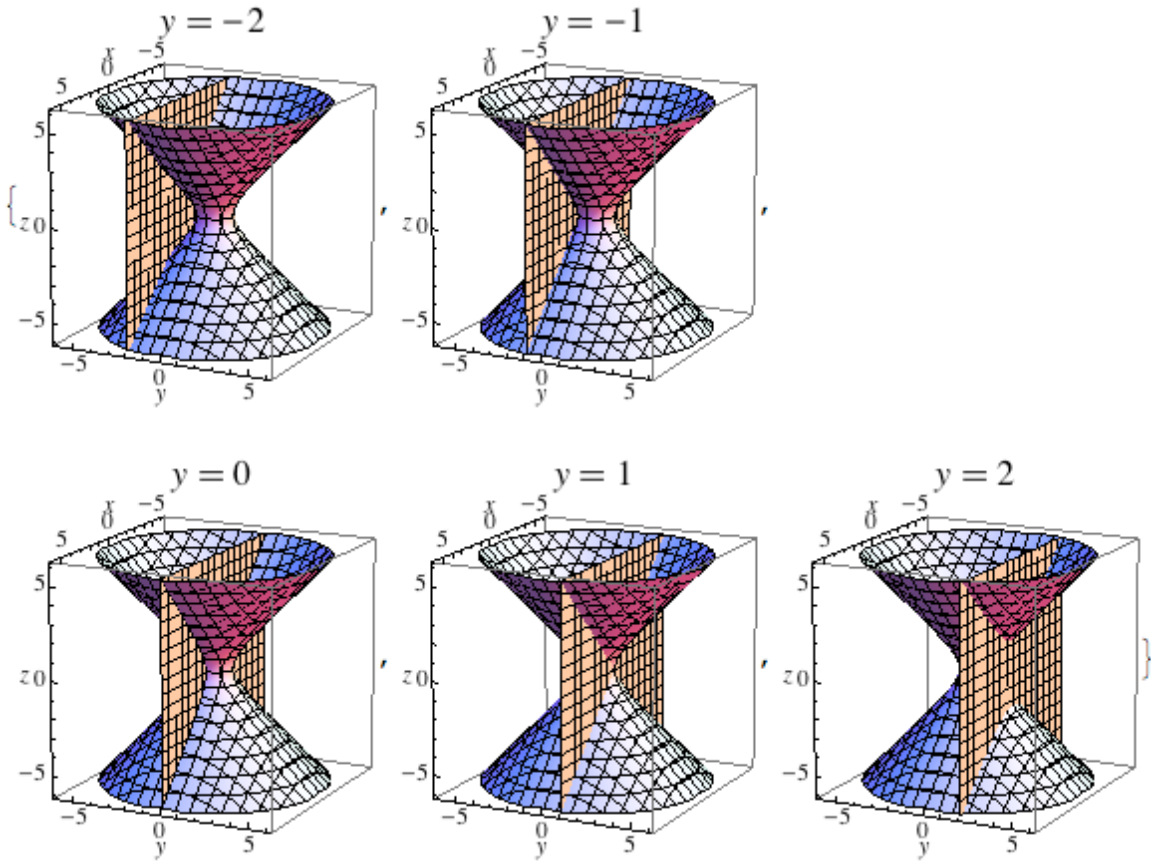
A Hyperboloid of One Sheet



Traces in $x = k$ (Hyperbola class):



Traces in $y = k$ (Hyperbola class):



Traces in $z = k$ (Ellipse / Circle class):

