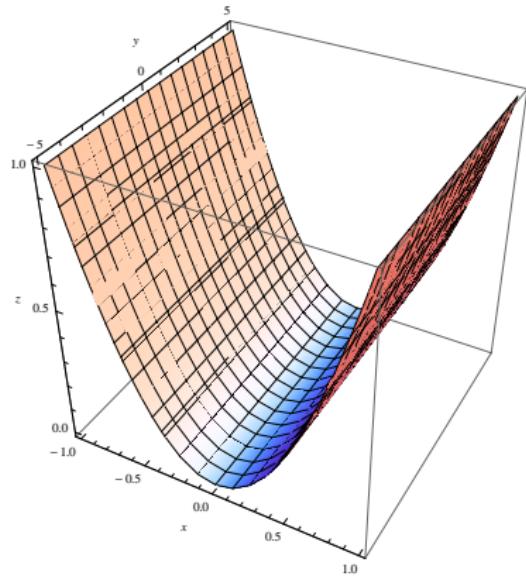
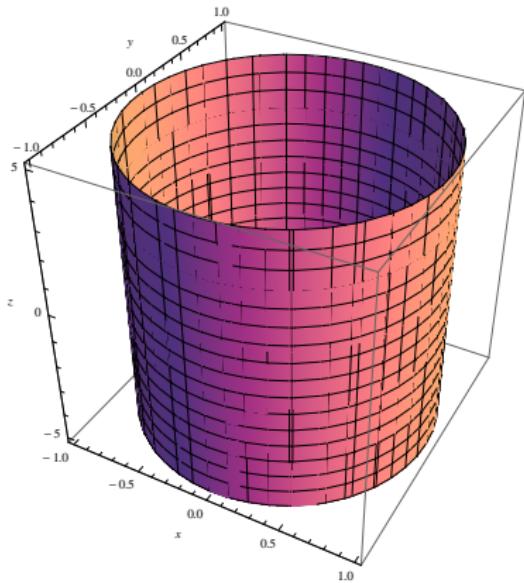


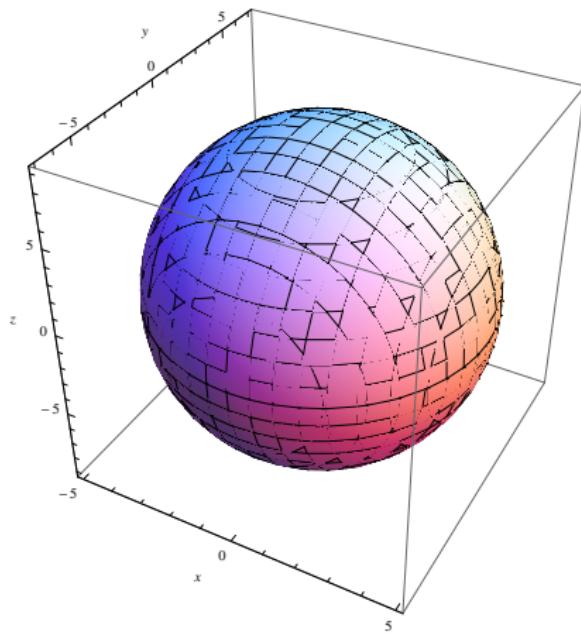
Quadratic surfaces

$$x^2 + y^2 = 1 \text{ and } z = x^2$$



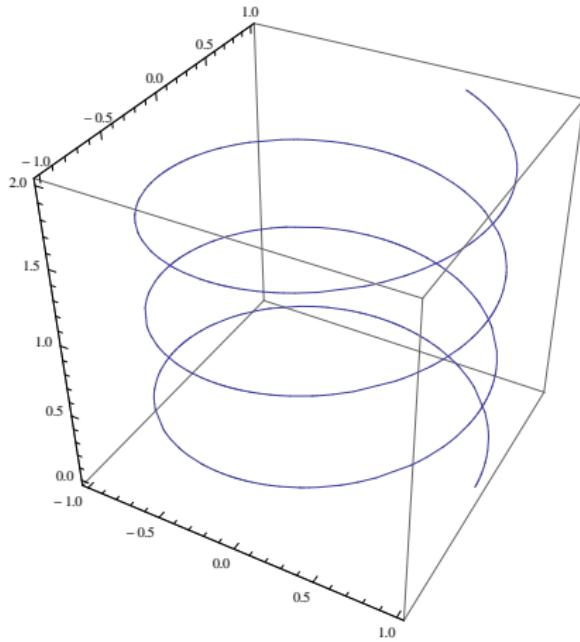
Quadratic surfaces

$$\left(\frac{x}{5}\right)^2 + \left(\frac{y}{7}\right)^2 + \left(\frac{z}{9}\right)^2 = 1$$



Space curve

$$\left\{ \cos t, \sin t, \frac{t}{10} \right\}$$



Intersection of curves

$$\{x^2 + y^2 = 4, z = xy\}$$

