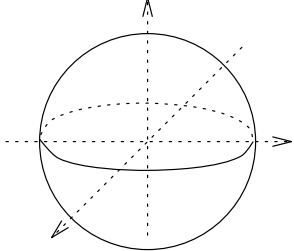


$z = m r$  Cone



Sphere

$$r^2 + z^2 = a^2$$