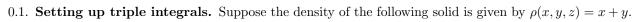
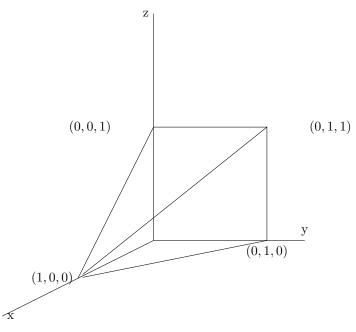
TRIPLE INTEGRALS





Set up an integral which computes the mass of the object.

0.2. Cylindrical Coordinates. Compute the integral of the function $f(x, y, z) = z + x^2 + y^2$ over the region constrained by $0 \le z \le 1 - (x^2 + y^2)$. Use cylindrical coordinates.