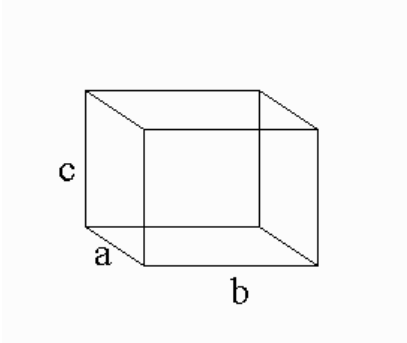# PHY 337 – Problem Set # 13

Consider the above retangular solid composed of a uniform material of density ρ.

(a) Find the moment of inertia tensor about the corner.

(b) Find the center of mass of the solid

(c) Find the moment of inertia tensor about the center of mass.