phys-507-131

Interaction-3

In class on Friday, we calculated the moment of inertia about an axis through the center of a uniform mass distribution of a spherical shell. We found that the Ioshell = 2/3 M R2.

Please calculate the moment of inertia about an axis through the center of a uniform mass distribution of a solid sphere which turns out to be Iosphere = 2/5 M R2.