

Note:

In Problems 13-50 and 13-51 in the 8th Edition, both the author of the book and I made the same mistake when calculating mass moment of inertia for a hollow cylinder. This same mistake came up at the beginning of the semester when we learned how to calculate Mass Moment of Inertia. The formula in the book (Table 9-2) is correct. $I_x = (1/2)m(r_1^2 + r_2^2)$ rather than my consistent mistake of taking the difference of the radii. Sorry for the confusion.