

Homework Assignment #8
Physics 201

Due Monday, December 4th

Reading: Read Chapter 7. Reading the whole chapter will help you understand the material, but focus on sections 7-1 through 7-6.

From the text (Serway and Jewett): Chapter 7

Questions:

#3, 5, 10

Problems:

#1, 3, 8, 9, 11, 13, 25, 27, 29, 31, 39, 41

(Note: Problem #41 is now somewhat out of date. The power consumption figures given in the problem are accurate for comparing incandescent (energy guzzling) lights with compact fluorescents (which also produce ultrasonic noise). Newer LED-based light bulbs consume only $\frac{1}{4}$ of the power of compact incandescents.)