

Homework 6

1. Revise the essay you wrote for HW 3.
2. Suppose the surface temperature of my wood stove goes from 400 degrees Fahrenheit to 600 degrees Fahrenheit. By what factor does the total intensity of the radiant energy it emits increase?
3. Krane, problem 3.4, p. 80.
4. Krane, question 3.5, p. 79.
5. Krane, problem 3.7, p. 80.
6. Which interpretation of quantum mechanics, as described in the reading from “The Ghost in the Atom” are you most comfortable with? Why? If you’re not comfortable with any, why is this? Your response should be a few paragraphs.