Vibrations Waves and Optics - PHYS 2300

3rd Assignment

due in the course drop-box by

9:55am, Tuesday, September 23, 2014

*No partial marks for late submissions*

Reading: study Chapter 3 of French up to p. 62.

Do the following problems. All problems have equal weight.

* 1. Problem 3-2 in French. Don’t just state the answers even if they may seem obvious; make sure you demonstrate them mathematically.
  2. Problem 3-3 in French
  3. Problem 3-4 in French.
  4. Problem 3-9 in French.
  5. Problem 3-11 in French. Hint: to understand the meaning of “adiabatic”, study pp. 57-59.