# UNIVERSITY OF ALABAMA Department of Physics and Astronomy

PH 125 / LeClair Spring 2009

## Problem Set 4

#### **Instructions:**

- 1. Answer all questions below. Follow the problem-solving template provided.
- 2. Some problems have different due dates!
- 3. You may collaborate, but everyone must turn in their own work

## The following problems are due 5 February 2009 at the beginning of class.

- 1. One of the questions you did not solve for the exam.
- 2. Problem 7.10 from your textbook

### The following problems are due 6 February 2009 at the end of the day.

- 3. A second one of the questions you did *not* solve for the exam.
- 4. Problem 7.33 from your textbook
- 5. Problem 7.42 from your textbook