$\begin{array}{c} {\rm Physics~237,~Spring~2008}\\ {\rm Homework~\#11}\\ {\rm Due~in~class,~Thursday~April~24,~2008} \end{array}$

Homework is from Eisberg and Resnick (E&R) unless otherwise indicated. Please note that "questions" can be answered briefly; "problems" may be more involved. Each question usually counts 5 points; each problem counts 10 points.

- 1. E&R, chapter 8, problem 14.
- 2. E&R, chapter 8, problem 16.
- 3. E&R, chapter 8, problem 18.
- 4. E&R, chapter 9, problem 4.
- 5. E&R, chapter 9, problem 5.