

## Physics 475, Spring 2010

### Problem Set 1

Due Tuesday, February 2.

**General Problem Set Instructions:** You may work together, but you must write up your solutions independently (*i.e.* don't copy anyone else's solutions). You *must* show all of your work. No credit will be given for the final answer unless it is derived or explained, nor will credit be given for solutions to the wrong problems. Problem sets will be available at the course website, <http://physics.wm.edu/~erlich/475S10/> and will be due in class one week after they are handed out.

### Problems from Boas:

Chapter 1:

1.12, 1.15, 1.16, 7.9, 9.18, 10.2, 10.17, 13.29, 13.39, 14.3, 14.4, 15.31a,b, 15.33, 16.3