Physics 112 **Problem Set #5** **Winter 2000**

DUE: THURSDAY FEBRUARY 10, 2000

All problems are taken from Baierlein unless otherwise indicated. *In order to earn total credit for a problem solution, you must show all work involved in obtaining the solution.* Late homework received before Tuesday February 15 will be graded at half credit. No homework sets accepted after solution sets are handed out.

1. Chapter 6, problem 1 (p. 141).

2. Chapter 6, problem 5 (p. 142).

3. Chapter 6, problem 8 (p. 143).

4. Chapter 6, problem 11 (p. 143–144).

5. Chapter 6, problem 18 (p. 146).

6. Chapter 6, problem 19 (p. 146).

7. Chapter 6, problem 21 (p. 147).