Physics 116C **Homework Set #8** **Fall 2012**

DUE: TUESDAY December 4, 2012

To receive full credit, you must exhibit the intermediate steps that lead you to your final results.

1. Boas, p. 734, problem 15.3–6
2. Boas, p. 734, problem 15.3–9
3. Boas, p. 736, problem 15.3–19
4. Boas, p. 743, problem 15.4–9
5. Boas, p. 743, problem 15.4–10
6. Boas, p. 743, problem 15.4–13
7. Boas, p. 744, problem 15.4–18
8. Boas, p. 749, problem 15.5–8
9. Boas, p. 750, problem 15.5–17
10. Boas, p. 754, problem 15.6–2
11. Boas, p. 755, problem 15.6–8
12. Boas, p. 776, problem 15.11–5