

Physics 142, Fall 2013

Homework #5

Due in P142 homework locker 4pm, Friday, October 11, 2013

Feel free to discuss the problems with me and/or each other. Each student must write up his/her own solutions separately.

Unless otherwise indicated, problems are from Ohanian and Markert, Third Edition, Volume 2.

1. O&M chapter 23, problem 40.
2. O&M chapter 23, problem 41.
3. O&M chapter 23, problem 44.
4. O&M chapter 23, problem 79 (Hint: Note the similarity to problem 40).
5. O&M chapter 24, problem 39.
6. O&M chapter 24, problem 55.