

PHYSICS 2102

Problem Set #3

Due: Feb. 12, 2010, 3:30 pm

Please hand in your solutions at the start of class on Friday, Feb 12, or later that day (by 3:30 pm) in the Physics Main Office, Rm 125 PAB. Please staple all pages and attach a cover sheet with your name, student number, and the course name on it. Please show your work neatly. All Problems are from the text unless otherwise stated.

1. Problem 40.4.
2. Problem 40.14.
3. Problem 40.24.
4. Problem 40.28.
5. Problem 40.38.
6. Problem 40.48.

Practice problems:

Chapter 40 Problems 8, 9, 10, 21, 33, 51.