

## PHY 6645 Fall 2003 – Homework 2

**Due by 5 p.m. on Friday, September 12.** No credit will be available for homework submitted after 5 p.m. on Monday, September 15.

*Answer all questions. Please write neatly and include your name on the front page of your answers. You must also clearly identify all your collaborators on this assignment. To gain maximum credit you should explain your reasoning and show all working.*

1. Shankar Exercise 1.8.1.
2. Shankar Exercise 1.8.2.
3. Shankar Exercise 1.8.8.
4. Shankar Exercise 1.9.1.
5. Shankar Exercise 1.9.2.
6. Shankar Exercise 1.9.3.