Department of Physics, University of Maryland, College Park, MD 20742-4111

Physics 404 HOMEWORK ASSIGNMENT #5 Spring 2007

Due date: Thursday, March 8 **Deadline:** Tuesday, March 13

S means a problem in Schroeder's text; GT means a problem in Gould & Tobochnik.

- 1. S 3.37
- 2. S 4.2
- 3. S 4.11
- 2'&3'. You may substitute the challenging S 4.6 for S 4.2 and S 4.11.
- 4. S 4.15
- 5. S 4.20

More problems to come on subsequent material. If possible you should do these while the material is fresh, but nothing is due till after the midterm.