

## Physics 827: Problem Set 5

**Due Wednesday, October 29 at 11:59PM**

Each problem is worth 10 pts. unless otherwise specified.

1. Shankar, exercise 5.2.1.
2. Shankar, exercise 5.2.2 .
3. Shankar, exercise, 5.2.5.
4. Shankar, exercise 5.2.6, part (1) only.
5. Shankar, exercise 5.3.4.
6. Shankar, exercise 5.4.2.