

PY 452: Quantum Physics II Problem Set 5

Due date: **Tuesday**, October 12, by 5:00pm

Reading: I anticipate that we will finish treating the fine structure of the hydrogen atom this week. Please finish reaching chapter 6 of the text.

Note: Please be reminded of the Monday class schedule on Tuesday Oct. 13, so there is no lecture that day. Also, the midterm will be given on Thursday Oct. 14. I will announce some additional pre-midterm office hours at the end of this week.

1. Text 6.23.

2. Text 6.27.

3. Text 6.30.

4. Text 6.36