

PY 452: Quantum Physics II Problem Set 7

Due date: **Monday**, November 1 by 5:00pm

Reading: Please read chapter 8 of the text on the WKB approximation.

Note: I will be at a conference in Washington D.C. on Tuesday and Wednesday. I'll be leaving my office around 1pm on Tuesday and returning Wednesday evening. Consequently, the discussion section this week is cancelled. Because of my absence, the due date of assignment 7 is delayed until Monday 11/1 at 5pm. I will have regular office hours on Friday, but I'll also have office hours on Monday 11/1 from 2:15 until 3:30pm.

The only other travel disruption during this semester will occur on Thursday and Friday December 2 & 3. I will announce details about the schedule for that week in late November.

1. Text 8.1.
2. Text 8.5 & 8.6. (These two problems are so closely related that they naturally belong within a single problem.)
3. Text 8.7.
4. Text 8.16.