Quantum Mechanics (Fall 2020)

Quantum Mechanics I (137A) MWF 9:10 -- 10:00 a.m., Zoom

Piazza will be our main site for discussions; **please submit questions there rather than emailing the Instructor or GSIs.**
Gather is a virtual gathering space for impromptu discussion. You can come and go freely much like you would the physics reading room.

Instructor: Raphael Bousso, bousso@berkeley.edu
OH: Thursday 4:10 -- 5, Zoom

GSIs:

- Chien-I Chiang, cosmoaurora@gmail.com
  Sec.101: Monday 2:10pm -- 3pm
  OH: Friday 11:10am -- 12pm
- Chao Ju, cju19@berkeley.edu
  Sec.103: Wednesday 6:30pm -- 7:30pm
  OH: Wednesday 7:30pm -- 8:30pm
- Vincent Su, vipasu@berkeley.edu
  Sec. 102: Tuesday 2:10pm -- 3pm
  OH: Thursday 3:10pm -- 4pm

Required textbooks: Griffiths, Quantum Mechanics
Optional textbooks that you may find useful: Bransden & Joachain, Sakurai, Liboff, Schumacher & Westmoreland; Nielsen & Chuang

Topics: This course covers most of chapters 1-5 of Griffiths.

Grading: There will be 2 midterms and a final, each counting for 25% of your overall grade. The remaining 25% will come from homework. Each exam (even the final) will test primarily (but not exclusively) the material introduced since the previous exam.

Homework: due Monday 2 p.m. (or the day after if Monday is a holiday). You may drop one (1) HW assignment. This is instead of, not in addition to, any provisions for illness, emergencies, or time conflicts. Therefore you are strongly advised not to drop a HW except for emergency reasons. If you drop no HW, your lowest score will be thrown out. You will not receive any credit for late HW, without exception.

Homework will be submitted to Gradescope.

Exam dates:
Midterm 1: September 30
Midterm 2: October 30.

Final: December 17 (theoretically 7-10 p.m. but see below)
All three are likely to be online exams; you will likely have a 24 hour window in which to start and end the exam; the exam time itself will be shorter. Details to follow.

Honor code: Cheating hurts other students and will be actively sought out and reported in all instances. This includes any form of copying or obtaining homework or exam answers from other students, books, or websites.

Students are encouraged to find study groups and work on problem sets together. However, it is an honor code violation to directly copy any part of another student's problem set. If you work together, your write up should be uniquely your own.