

Ph 12b Final Exam

Due: Wednesday, 17 March 2010, 5pm

- This exam is to be taken in one continuous time interval not to exceed **4 hours**, beginning when you first open the exam.
- You may consult the textbook *Introductory Quantum Mechanics* by Liboff, the textbook *Introduction to Quantum Mechanics* by Griffiths, your lecture notes, the online lecture notes, and the problem sets and solutions. If you wish, you may use a calculator, computer, or integral table for doing calculations. **No other materials or persons are to be consulted.**
- There are three problems, each with multiple parts, and 100 possible points; the value of each problem is indicated. You are to work all of the problems.
- The completed exam is to be handed in at the Ph 12 in-box outside 264 Lauritsen. All exams are due at 5pm on Wednesday, March 17. **No late exams will be accepted.**
- Good luck!