

Physics 325

Text: Introduction to Quantum Mechanics, 2nd edition
David J. Griffiths, ISBN 0-13-111892-7

Course Description:

Physics 325 is the second quarter of an introduction to quantum mechanics that covers identical particles, perturbation theory, the variational principle and other selected topics in the textbook. Lectures will include some material not in the text.

Homework:

Assigned on Wednesdays and due one week later on Wednesday, to be turned in at lecture. Solutions will be posted, as will solutions to selected problems similar to the assigned problems. Discussing homework problems with classmates is encouraged, but each student must turn in his/her own solutions. There will be a study session, to be arranged, one or two days before each homework set is due.

Homework will be graded and will contribute 25% to the course grade. Homework not turned in at class or by 12:30 in my mailbox on the day it is due will not be accepted. It is better to turn in an incomplete solution than none at all.

Grading:

Each Midterm exam is worth 25% of the course grade. The final exam is worth 50%. The lowest midterm score or half of the final exam will be dropped. The homework score will not be dropped.