

Texts: Zettili - Quantum Mechanics
Boccio - Quantum Mechanics

Website:

http://chaos.swarthmore.edu/courses/Phys113_2009/index.html

01. Mathematics of Quantum Mechanics; Probability
Zettili - 2 , Boccio - 4,5
02. Mathematics of Quantum Mechanics; Probability
Zettili - 2 , Boccio - 4,5
03. Formulation of Quantum Mechanics
Zettili - 3 , Boccio - 6
04. Formulation of Quantum Mechanics
Zettili - 3 , Boccio - 6
05. Photons polarization, K-Mesons and Stern-Gerlach
Schrodinger Equation and 1-Dimensional Systems
Zettili - 4 , Boccio - 7,8
06. Photons polarization, K-Mesons and Stern-Gerlach
Schrodinger Equation and 1-Dimensional Systems
Zettili - 4 , Boccio - 7,8
07. Angular Momentum and Spin
Zettili - 5,7 , Boccio - 9
08. Angular Momentum and Spin
Zettili - 5,7 , Boccio - 9
09. 2- and 3-Dimensional Systems
Zettili - 6 , Boccio - 9
10. Time_independent Perturbation Theory
Zettili - 9 , Boccio - 10
11. Time_independent Perturbation Theory
Zettili - 9 , Boccio - 10
12. Time-Dependent Perturbation Theory
Zettili - 10 , Boccio - 11
13. Identical Particles, Multielectron Atoms and Molecules
Zettili - 8 , Boccio - 12,13,18
14. Scattering Theory and Quantum Measurement
Zettili - 11 , Boccio - 13,17,18