

PHY-512: Quantum Mechanics II

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Outline

1. Continuous symmetries
2. Discrete symmetries C,P,T
3. Hydrogen problem
4. Perturbation theory
5. Variational approach
5. Many particle systems
7. Scattering Theory
8. Dirac equation

Reference Material

J. Sakurai, Modern Quantum Mechanics, ed. Adison wesley

Grade

The grade will be : Hw (1/3) + Mid (1/3) + Fin (1/3)

Grader

TBA