

Physics 631

<http://www.physics.ohio-state.edu/~perry/p631>

Introductory Quantum Mechanics I Autumn, 2005

Lecturer:

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Graders:

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Textbook: *Quantum Mechanics*, 1st edition, by Robert Scherrer

Lectures: MWRf 10:30-11:18 1005 Smith Laboratory

Optional Computer Labs – to be scheduled

Grades: 75% tests (3 midterms), 25% homework

Topics:

- Origins of Quantum Mechanics
- Complex Numbers & Linear Operators
- The Schrodinger Equation
- One-Dimensional Schrodinger Equation
- One-Dimensional Quantum Physics