

Physics 594

<http://www.physics.ohio-state.edu/~perry/p594>

Quantum Mechanics Autumn, 2009

Lecturer:

Professor Robert Perry
M2056 Physics Research Building
Office/cell 614-397-1031
perry.6@osu.edu

Grader:

Mr. Kaikai Zhang
zhang.704@osu.edu

Textbook: *Modern Physics*, 2nd edition, by Kenneth Krane

Lectures: MWRF 10:30-11:18 1094 Smith Laboratory

Grades: 80% tests (2 midterms + final), 20% homework

Topics:

- Postulates of quantum mechanics
- Spin-1/2 systems
- Dirac notation and linear algebra
- The Bohr model and atomic physics
- Modern physics topics to be determined