Phys 711: Quantum Mechanics I

PHYSICS & ASTRONOMY

Schrodinger's equation and Hilbert spaces. Symmetry and conversation laws. Path integral quantization. Quantum theory of angular momentum. Systems of identical particles and many-electron atoms. Perturbation theory. Nonrelativistic scattering.

3 Credits

One-way corequisites

- Phys 709: Advanced Mechanics I

Instruction Type(s)

- Lecture: Lecture for Phys 711

Subject Areas

- Physics, General

Related Areas

- Acoustics
- Atomic/Molecular Physics
- Condensed Matter and Materials Physics
- Elementary Particle Physics
- Nuclear Physics
- Optics/Optical Sciences
- Physics, Other
- Theoretical and Mathematical Physics

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