

Phys 709: Advanced Mechanics I

PHYSICS & ASTRONOMY

Newtonian mechanics, Lagrangian dynamics, small oscillations, rigid body motion. Hamiltonian dynamics, waves, continuum mechanics, classical field theory.

3 Credits

Prerequisites

- [Phys 310: Mechanics](#)

Instruction Type(s)

- Lecture: Lecture for Phys 709

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](#)

