

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

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

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