Phys 725: Solid State Physics I

Properties of solids and solid state theory, lattices, lattice imperfections and vibrations, cohesive energy, band structure, magnetism, transport and optical properties.

3 Credits

Prerequisites
- Phys 725 Requires: One Way-Co-Requisite Phys 711

One-way corequisites
- Phys 711: Quantum Mechanics I

Instruction Type(s)
- Lecture: Lecture for Phys 725

Subject Areas
- Condensed Matter and Materials Physics

Related Areas
- Acoustics
- Atomic/Molecular Physics
- Elementary Particle Physics
- Nuclear Physics
- Optics/Optical Sciences
- Physics, General
- Physics, Other
- Theoretical and Mathematical Physics