El E 533: Electronic Properties of Materials

Electrical Engineering

Theories of electron/atom interactions and electron transport are examined to explain the electronic properties of solids. Junctions, magnetic, and optical properties are also discussed with special emphasis on semiconducting materials.

3 Credits

Prerequisites

- Prerequiste: Junior standing (60 hr).

Cross-listed Courses

- M E 533: Electronic Properties of Materials

Instruction Type(s)

- Lecture: Lecture for El E 533

Subject Areas

- Electrical and Electronics Engineering

Related Areas

- Electrical, Electronics and Communications Engineering, Other
- Laser and Optical Engineering
- Telecommunications Engineering

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