

## Graduate Level Reference Books for PHYSICS

### Mathematical Methods

1. Advanced Engineering Mathematics by Erwin Kreyszig
2. Mathematical Methods in the Physical Sciences by Mary L. Boas

### Mechanics & General Properties of Matter

1. An Introduction to Mechanics by Kleppner and Kolenkow
2. Mechanics by D.S. Mathur
3. Concepts of Physics by H.C. Verma

### Oscillations, Wave and Optics

1. Optics by Ajoy Ghatak
2. The Physics of Waves and Oscillations by N.K. Bajaj

### Electricity and Magnetism

1. Introduction to Electrodynamics by David J. Griffiths
2. Principles of Electromagnetics by Matthew N. O. Sadiku

### Kinetic Theory, Thermodynamics

1. Concepts in Thermal Physics by Stephen J. Blundell
2. Thermodynamics by Garg, Bansal and Ghosh
3. Fundamentals of Statistical Mechanics and Thermal Physics by F. Reif

### Modern Physics

1. Concepts of Modern Physics by Beiser, Mahajan and Choudhury
2. Quantum Physics by H.C. Verma

### Solid State Physics, Devices and Electronics

1. Solid State Physics by Puri Babbar
2. Semiconductor Physics by Streetman
3. Electronic devices and circuit theory by Boylestad and Nashelsky
4. Op-Amps and Linear Integrated Circuits by Ramakant A. Gayakwad
5. Digital Fundamentals by Flyod