



## Engineering Physics (Hardback)

By Uma Mukherji

Alpha Science International Ltd, United Kingdom, 2010.  
Hardback. Book Condition: New. 3rd Revised edition. 246 x 165 mm. Language: N/A. Brand New Book. Engineering Physics is intended as a textbook and reference book for the students of engineering and science. On the way to go ahead with the present-day advanced technology, the author has included mainly six new topics in this edition, to understand the basic principles of such advanced topics. The text presents the analysis of topics covered in two parts with numerous solved and unsolved problems and offers exposure to Part 1: Crystal structure, Thermo-electric effect, Thermionic emissions, Ultrasonic, Acoustics, Semi Conductor, Magnetic materials. Part 2: Optics, X-ray, Electron Optics, Quantum Physics Schrodinger Wave Equation, Laser, Fiber Optics Holography, Radioactivity, Super conductivity. New to the third edition: Liquid Crystals and LCD Carrier concentrations, height and width of potential barriers, Continuity Equations, Einstein s Equations in semi-conductors DC / AC Josephson s effect and Squid Maglev system for transportation Introduction to Nanoscience, SEM, STM, AFM Introduction to NMR.



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