



PRINCIPLES OF ELECTROMAGNETICS

By R.G. KADUSKAR

Wiley India Pvt Ltd. Paperback. Book Condition: New. Principles of Electromagnetics is designed as a text for undergraduate students of electronics and telecommunications engineering. The book contains materials related to static electric field and its behavior in conducting and dielectric medium with boundary conditions, and has wide coverage of topics on energy, potential and capacitance concepts. The text explains topics on magnetostatic, magnetic materials and the behavior of magnetic field. It further handles the theory related to time varying fields and Maxwell's equations that help in understanding the concept of electromagnetic wave and power flow analysis using Poynting theorem. Written in a student-friendly manner, the text includes detailed coverage of fundamentals of electromagnetic field and simplification techniques using vector analysis, differential and integral calculus.



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