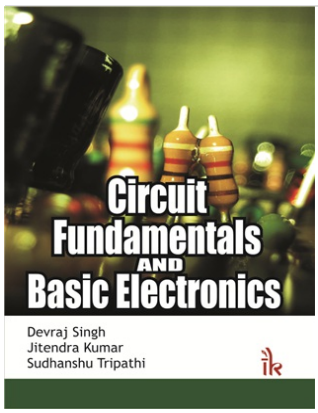
Book Information Sheet



Circuit Fundamentals and Basic Electronics, 1/e

Devraj Singh, Jitendra Kumar & Sudhanshu Tripathi

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About the Book

The present book is designed to meet the requirements of B.Sc., B.E. and A.M.I.E. students. It will also be useful for the students taking various competitive examinations. The book divided in 5 units and 15 chapters' deals with the basic concepts of circuit fundamentals and basic electronics. The first unit contains three chapters which cover the topics related to Circuit Fundamnetals whereas the last 4 units contain 12 chapters which cover the topics related to Basic Electronics. The topics have been presented in systematic, logical and lucid manner and explained with the help of solved examples. Miscellaneous solved numerical problems are given at the end of each chapter for practice. Short and long answer type questions, unsolved numerical and multiple choice questions have been given at the end of each chapter for practice.

Salient Features

- The book is divided into 5 units, dealing broadly with topics in circuit fundamentals like currents, bridge measurement, and electrical network, and topics related to basic electronics like semiconductor physics, amplifiers, oscillators, digital electronics, etc.
- Every topic is well supported with diagrams.
- Mathematical derivations are provided in a logical and understandable manner.
- Solved problems are included for each topic.
- End-of-chapter exercises for each chapter includes short answer type questions, long answer type questions, and multiple choice questions.

Table of Contents

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