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Discrete Electronics Circuits and its applications

By Sujit Dhar

Laxmi Publications Pvt. Ltd, 2011. Softcover. Book Condition: New. First edition. The book Discrete Electronics Circuits and Its Applications is a core subject for undergraduate students of Electronics & Communication Engineering, Electronics & Instrumentation Engineering, Electrical Engineering and Information Technology. This book also serves as a textbook for B.Sc. (Electronics), M.Sc. (Electronics), M.Sc. (Applied Physics), AMIE, IETE, Diploma courses and as a useful reference for competitive examinations. Salient features of the book are as follows: Explains dc and ac limitations of Operational amplifiers, RF amplifiers, Power amplifiers, Application of Linear Integrated circuits. Special emphasis on the applications of Linear Integrated Circuits. Comprehensive coverage on Non-linear circuits, Multipliers and special function ICs. Show how to design a variety of filters easily and quickly. Provide coverage of digital-to-analog and analog-to-digital converters. Cover the entire syllabus of most of the universities in India. Excellent pedagogical features include - 700 solved examples - 400 Review questions - 450 Objective type questions. Contents: 1. Introduction: Concepts and Fundamentals 2. Operational Amplifier Basic Circuits 3. Application of Operational Amplifiers 4. Differential Amplifier Circuits 5. Feedback Amplifiers 6. Comparators 7. Selected Applications of Operational Amplifier 8. Signal Generators 9. Bipolar Junction Transistor and it's Biasing, Stabilisation 10....



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