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Electronic Principles Devices and Circuits

By M.L. Anand

S. Chand & Company Ltd. 0. Softcover. Book Condition: New. This book caters to the requirements of students doing Diploma/ Degree/ AMIE in Electrical and Electronics Engineering. It has several unique features, viz., its simple language and crystal-clear approach. The presentation of the subject matter is straightforward and comprehensible, adopting a simple, user-friendly classroom lecture style method. Objective-type questions have been provided at the end of each chapter. Besides numerical problems, an entire chapter is devoted to solved numerical problems selected from various boards/ universities of India and abroad. Contents: 1. Basic Concepts 2. Electronic Materials and Components 3. Constant Voltage and Current Sources 4. Elcetron Emission 5. Vaccum tubes 6. Gas Filled Tubes 7. Semiconductor Physics 8. Semiconductor Diode and Rectifiers 9. Special Diodes 10. Transistors 11. Transistors Biasing and Stabilization 12. Single stage (Small Signal) Transisitor Amplifiers and Hybrid Parameters 13. Multistage Transisitor Amplifiers 14. Audio (Class A & B) and Video Power Amplifiers 15. Class C (Tuned) Amplifiers 16. Vaccum Tube Amplifiers 17. Feedbck Theory 18. Sinusoidal Oscillators 19. Switching and Waveshaping Circuits Including Non-Sinusoidal Oscillators (or Multivibrators) 20. Regulated D.C. Power Supply 21. Field Effect Transistors (FET) 22. Thyristors and UJT 23. Integrated Circuits 24. Operational...



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