



## Basic Radio and Television, Second Edition

By S.P. Sharma

Tata McGraw-Hill Education Pvt. Ltd., 2003. Softcover. Book Condition: New. 2nd edition. Revised edition incorporates the latest technology used in modern electronic and communication systems. The book begins with the basics of electricity and electronics and leads on to their applications in gradual, simple and systematic steps. Table of contents PART I INTRODUCTION Chapter 1 Introduction to Radio Communication Systems Chapter 2 Fundamentals of Electricity and Magnetism Chapter 3 DC and AC Voltages and Currents Chapter 4 Passive Electronic Components : Resistors, Inductors and Capacitors Chapter 5 Resonance and Filter Circuits PART II SEMICONDUCTOR DEVICES AND CIRCUITS Chapter 6 Semiconductor Diodes and Transistors Chapter 7 Integrated Circuits Chapter 8 Digital Electronics Chapter 9 Amplifiers Chapter 10 Oscillators Chapter 11 Power Supplies PART III RADIO TRANSMISSION & RECEPTION Chapter 12 Propagation and Transmission of Radio Waves Chapter 13 Transmission Lines and Antennas 14. Radio Receivers PART IV COLOUR AND B & W TELEVISION Chapter 15 Basic Principles of Television Chapter 16 Colour Television Fundamentals Chapter 17 TV Cameras and Picture Tubes Chapter 18 TV Broadcast Techniques, TV Studios and Control Room Chapter 19 Television Receivers Chapter 20 Applications of Television PART V AUDIO & VIDEO SYSTEMS Chapter 21 Acoustics, Microphones and Loudspeakers...



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