

## Electronic Communication Robert Shrader

This comprehensive and well-organized text discusses the fundamentals of electronic communication, such as devices and analog and digital circuits, which are so essential for an understanding of digital electronics. Professor Santiram Kal, with his wealth of knowledge and his years of teaching experience, compresses, within the covers of a single volume, all the aspects of electronics - both analog and digital - encompassing devices such as microprocessors, microcontrollers, fibre optics, and photonics. In so doing, he has struck a fine balance between analog and digital electronics. A distinguishing feature of the book is that it gives case studies in modern applications of electronics, including information technology, that is, DBMS, multimedia, computer networks, Internet, and optical communication. Worked-out examples, interspersed throughout the text, and the large number of diagrams should enable the student to have a better grasp of the subject. Besides, exercises, given at the end of each chapter, will sharpen the student's mind in self-study. These student-friendly features are intended to enhance the value of the text and make it both useful and interesting.

Over 220,000 entries representing some 56,000 Library of Congress subject headings. Covers all disciplines of science and technology, e.g., engineering, agriculture, and domestic arts. Also contains at least 5000 titles published before 1876. Has many applications in libraries, information centers, and other organizations concerned with scientific and technological literature. Subject index contains main listing of entries. Each entry gives cataloging as prepared by the Library of Congress. Author/title indexes.

Includes entries for maps and atlases.

Foreword; Preface; Introduction to radio frequencies; Signals and noise; Radio receivers; RF amplifiers; Mixers; Oscillators; IF amplifiers and filters; Demodulators; Capacitors; Inductors; Tuning and matching; Splitters and hybrids; Monolithic microwave integrated circuits; Measuring inductors and capacitors; RF power measurement; Filtering against EMI/RFI; Noise cancellation bridges; Bibliography; Index.

RF circuits; transmitters; receivers; antennas; troubleshooting.

Briefly describes the contents of books that explain specific skills and techniques in fields, such as business, graphics, health, and manufacturing.

Practice tests, schematic diagrams, and sample questions help individuals prepare for the FCC radiotelephone license examination

Provides a guide to designing and constructing transistor radios, including such topics as choosing components, troubleshooting, and sampling.

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Radio electronics.

Electronic Communication McGraw-Hill Science, Engineering & Mathematics

Includes Part 1, Number 1: Books and Pamphlets, Including Serials and Contributions to Periodicals (January - June)

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