



Radio Frequency and Microwave Electronics Illustrated, 2001, 849 pages, Matthew M. Radmanesh, 0130279587, 9780130279583, Prentice Hall PTR, 2001.

Foreword by Dr. Asad Madni, C. Eng., Fellow IEEE, Fellow IEE Learn the fundamentals of RF and microwave electronics visually, using many thoroughly tested, practical examples RF and microwave technology are essential throughout industry and to a world of new applications-in wireless communications, in Direct Broadcast TV, in Global Positioning System (GPS), in healthcare, medical and many other sciences. Whether you're seeking to strengthen your skills or enter the field for the first time, Radio Frequency and Microwave Electronics Illustrated is the fastest way to master every key measurement, electronic, and design principle you need to be effective. Dr. Matthew Radmanesh uses easy mathematics and a highly graphical approach with scores of examples to bring about a total comprehension of the subject. Along the way, he clearly introduces everything from wave propagation to impedance matching in transmission line circuits, microwave linear amplifiers to hard-core nonlinear active circuit design in Microwave Integrated Circuits (MICs). Coverage includes: A scientific framework for learning RF and microwaves easily and effectively Fundamental RF and microwave concepts and their applications The characterization of two-port networks at RF and microwaves using S-parameters Use of the Smith Chart to simplify analysis of complex design problems Key design considerations for microwave amplifiers: stability, gain, and noise Workable considerations in the design of practical active circuits: amplifiers, oscillators, frequency converters, control circuits RF and Microwave Integrated Circuits (MICs) Novel use of "live math" in circuit analysis and design Dr. Radmanesh has drawn upon his many years of practical experience in the microwave industry and educational arena to introduce an exceptionally wide range of practical concepts and design methodology and techniques in the most comprehensible fashion. Applications include small-signal, narrow-band, low noise, broadband and multistage transistor amplifiers; large signal/high power amplifiers; microwave transistor oscillators, negative-resistance circuits, microwave mixers, rectifiers and detectors, switches, phase shifters and attenuators. The book is intended to provide a workable knowledge and intuitive understanding of RF and microwave electronic circuit design. Radio Frequency and Microwave Electronics Illustrated includes a comprehensive glossary, plus appendices covering key symbols, physical constants, mathematical identities/formulas, classical laws of electricity and magnetism, Computer-Aided-Design (CAD) examples and more. About the Web Site The accompanying web site has an "E-Book" containing actual design examples and methodology from the text, in Microsoft Excel environment, where files can easily be manipulated with fresh data for a new design.

Inductance Calculations Working Formulas and Tables, Frederick W. Grover, 2004, Science, 286 pages. Hoping to simplify matters for engineers overwhelmed by inductance calculations, the author brings together an invaluable collection of formulas and tables. For virtually every

Radical chemistry, Michael John Perkins, 1994, Science, 182 pages. This text aims to explain the methodology and basic ideas of radical chemistry at final year undergraduate level, and to show how these ideas have been developed into powerful

Fundamentals of microwave electronics , Vladimir Nikolaevich Shevchik, 1963, Technology & Engineering, 253 pages. .

The Illustrated Dictionary of Electronics , Stan Gibilisco, 2001, Technology & Engineering, 791 pages. Continuing in the tradition of its best-selling predecessors, this updated dictionary of electronics terms covers a broader range of subjects in an easier-to-use format than

Microwave electronics measurement and materials characterization, Linfeng Chen, 2004, Technology & Engineering, 537 pages. The development of high speed, high frequency circuits and systems requires an understanding of the properties of materials functioning at the microwave level. This

RF & Microwave Design Essentials Engineering Design and Analysis from DC to Microwaves, Matthew M. Radmanesh, 2007, Education, 711 pages. RF & Microwave Design Essentials This book is an indispensable tool for the RF/Microwave engineer as well as the scientist in the field working on the high frequency circuit

Microwave electronics , Ronald F. Soohoo, 1971, Technology & Engineering, 276 pages. .

Electronic Circuit Analysis and Design , Matthew M. Radmanesh, Dec 1, 2001, Technology & Engineering, 250 pages. .

Build Your Own Low-power Transmitters Projects for the Electronics Experimenter, Rudolf F. Graf, William Sheets, 2001, Technology & Engineering, 291 pages. "This comprehensive book addresses applications for hobbyist broadcasting of AM, SSB, TV, FM Stereo and NBFM VHF-UHF signals with equipment readers can build themselves for

Microelectronic Circuits , Adel S. Sedra, Kenneth Carless Smith, 2010, Technology & Engineering, 1397 pages. Microelectronic Circuits now comes shrink-wrapped with a FREE Added Problems Supplement! This helpful resource includes: * 300 new problems * Solutions available exclusively to

Fundamentals of microwave electronics , Marvin Chodorow, Charles Susskind, 1964, Microwave tubes, 297 pages. .

Practical RF Circuit Design for Modern Wireless Systems, Volume 1 , Les Besser, Rowan Gilmore, Dec 31, 2002, Electronic books, 539 pages. Annotation In today's globally competitive wireless industry, the design-to-production cycle is critically important. The first of a two-volume set, this leading-edge book

The Absorbent Mind , Maria Montessori, Oct 15, 1995, Education, 302 pages. A leading educator discusses the importance of the first six years to a child's normal physical and emotional development.

Digital multimedia , Nigel P. Chapman, Jenny Chapman, 2004, Computers, 679 pages. Combines an account of technology with an inside understanding of multimedia content and its practical applications, covering such topics as computer graphics, bitmapped images

Northern Wilderness , Ray Mears, 2010, Nature, 298 pages. In a stunning celebration of one of earth's great wildernesses, Ray Mears journeys on foot, by canoe, and by snowshoe through mountains, forests, tundra, and ice in this

Computational Electrodynamics The Finite - Difference Time - Domain Method, Allen Taflove, 1995, Mathematics, 599 pages. "An excellent book. Logically organized, well-written, and does a thorough job of presenting the fundamentals of FDTD from underlying theory to implementation details". -- IEEE

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The Compleat Computer , Dennie L. Van Tassel, Cynthia L. Van Tassel, 1983, Computers, 264 pages.

Buying a house or flat , Lesley Erica Vickers, Jun 1, 1985, Political Science, 176 pages.

The Oxford India paper Dickens , Charles Dickens, 1901, , .

Learning How to Feel Good about Yourself , , 2001, Juvenile Nonfiction, 24 pages. Describes how children can boost their self-esteem by doing thing they enjoy and are good at and by seeking the advice and comfort of others.

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The Baby Beneath The Mistletoe , Marie Ferrarella, Jul 1, 2012, Fiction, 136 pages. LOOK WHAT THE STORK BROUGHT A chubby-cheeked baby whose adorable rosebud smile could melt even Tony Marino's stone-cold heart. And even if her co-worker was a pain, natural ...

Third World Studies Dependency Papers Series, Issues 1-64 , , 1980, Philippines, .

CLINICAL SPECIMENS (SET PRICE OF 34 BOOKS) , David Hawcroft, Terry Hector, Sep 23, 2008, , 144 pages.

Society and Technological Change, Fourth Edition , Rudi Volti, 2001, Social Science, 323 pages. Argues that society pushes for technological change that, in turn, shapes society.

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