

Microwave Engineering Radmanesh

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 Microwave and RF Design
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 RF & Microwave Engineering, Volume VI
 Electronic Circuits with MATLAB, PSpice, and Smith Chart
 Introduction to Microsystem Packaging Technology
 Electronic Waves & Transmission Line Circuit Design
 Ad Hoc Wireless Networks
 Fundamentals of Microwave and RF Design
 RF Circuit Design
 The Essentials of Lifelong Investing: The Ultimate Guide for Ascent to Higher Realms

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DOMINIK SANAA

Wireless Communication Electronics by Example Prentice Hall

The book introduces concepts on a wide range of materials and has several advantages over existing texts, including: 1. The presentation of a series of scientific postulates and laws of RF and microwaves, which lay the foundation for the behavior of waves and their propagation on transmission lines, is unique to this book compared with similar RF and Microwave texts. 2. The presentation of classical laws and principles of electricity and magnetism, all inter-related, conceptually and graphically. 3. There is a shift of emphasis from rigorous mathematical solutions of Maxwell's equations, and instead has been aptly placed on simple yet fundamental concepts that underlie these equations. This shift of emphasis will promote a deeper understanding of the electronics, particularly at RF/Microwave frequencies. 4. Wave propagation in free space and transmission lines has been amply treated from a totally new standpoint. Designing RF/Microwave passive circuits using the Smith Chart as covered in this book becomes a systematic and yet

pleasant task, which can easily be duplicated by any practitioner in the field. 5. New technical terms are precisely defined as they are first introduced, thereby keeping the subject matter in focus and preventing misunderstanding, and 6. Finally the abundant use of graphical illustrations and diagrams brings a great deal of clarity and conceptual understanding, enabling difficult concepts to be understood with ease. The fundamentals of RF and microwave electronics can be mastered visually, through many tested practical examples in the book and in the accompanying CD using Microsoft Excel ® environment. This book is perfect for RF/microwave newcomers or industry veterans! The material is presented lucidly and effectively through worked practical examples using both clear-cut math and vivid illustrations, which help the reader gain practical knowledge in passive circuit design using the Smith Chart.

"Ku Band Microwave Power Amplifier" Pearson Education

This book provides a fundamental and practical introduction to radio frequency and microwave engineering and physical aspects of wireless communication. In this book, the author addresses a wide range of radio-frequency and microwave topics with emphasis on physical aspects including EM and voltage waves, transmission lines, passive circuits, antennas, radio wave propagation. Up-

to-date RF design tools like RF circuit simulation, EM simulation and computerized Smith charts, are used in various examples to demonstrate how these methods can be applied effectively in RF engineering practice. Design rules and working examples illustrate the theoretical parts. The examples are close to real world problems, so the reader can directly transfer the methods within the context of their own work. At the end of each chapter a list of problems is given in order to deepen the reader's understanding of the chapter material and practice the new competences. Solutions are available on the author's website. Key Features: Presents a wide range of RF topics with emphasis on physical aspects e.g. EM and voltage waves, transmission lines, passive circuits, antennas. Uses various examples of modern RF tools that show how these methods can be applied productively in RF engineering practice. Incorporates various design examples using circuit and electromagnetic (EM) simulation software. Discusses the propagation of waves: their representation, their effects, and their utilization in passive circuits and antenna structures. Provides a list of problems at the end of each chapter. Includes an accompanying website containing solutions to the problems (http://www.fh-dortmund.de/gustrau_rf_textbook) This will be an invaluable textbook for bachelor and masters students on electrical engineering courses (microwave

engineering, basic circuit theory and electromagnetic fields, wireless communications). Early-stage RF practitioners, engineers (e.g. application engineer) working in this area will also find this book of interest.

Software VNA and Microwave Network Design and Characterisation Artech House

Ku-Band Microwave Power Amplifier By Chinmay Joshi Master of Science in Electrical Engineering
The aim of the graduate project is to design a Ku-band microwave power amplifier that operates at 14.5 GHz frequency. A high-power GaAs FET, TIM1314-8UL BY TOSHIBA ELECTRIC has been used to design a power amplifier. Distributed elements are utilized to realize the input and output matching networks. The device is designed to achieve a linear power gain of 7.50dB and an output power up to 7.30dBm. As the design is two-stage, Lange Coupler is used to couple both stages. Lange Coupler is designed by using microstrip-line technology based on RO3006C substrate. NI-AWR is used for circuit simulations. It is one of the leading softwares used in RF & Microwave industries. Analytical calculations and results are verified using softwares like MATLAB, RF/Microwave E-Book by Dr. Matthew Radmanesh.

The Gateway to Understanding AuthorHouse

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 applications. You will discover:] Electricity Fundamentals] Wave propagation] Amplifier Design] Gain Equations] CAD Examples] S-Parameters] Circuit Noise] RF Design] Circuit Stability] Transmission Lines] RF/Microwave Bands] Matching Circuit Design] Smith Chart Applications] BJT and FET Circuit Design] Advanced RF/Microwave Concepts "The most realistic and inspiring book with invaluable practical insights." Dr. S. K. Ramesh, Dean of Engineering, California State University, Northridge "A completely unique book that unlocks the mysteries of our microwave world." Paul Luong, Senior Microwave Engineer ATK Mission Systems, Inc. The CD-ROM provides design worksheets and menus as well as actual design examples in a Microsoft(R) Excel Environment, where the student can design or analyze RF/Microwave circuits easily and efficiently.

Planar Microwave Engineering John Wiley & Sons

The development of high speed, high frequency circuits and systems requires an understanding of the properties of materials functioning at the microwave level. This comprehensive reference sets out to address this requirement by providing guidance on the development of suitable measurement methodologies tailored for a variety of materials and application systems. Bringing together coverage of a broad range of techniques in one publication for the first time, this book: Provides a comprehensive introduction to microwave theory and microwave measurement techniques. Examines every aspect of microwave material properties, circuit design and applications. Presents materials property characterisation methods along with a discussion of the underlying theory. Outlines the importance of microwave absorbers in the reduction in noise levels in microwave circuits and their importance within defence industry applications. Relates each measurement technique to its application across the fields of microwave engineering, high-speed electronics, remote sensing and the physical sciences. This book will appeal to practising engineers and technicians working in the areas of RF, microwaves, communications, solid-state devices and radar. Senior students, researchers in microwave engineering and microelectronics and material scientists will also find this book a very useful reference.

Electromagnetics, Microwave Circuit and Antenna Design for Communications Engineering CRC Press

RF and Microwaves is currently in the forefront as a fundamental technology in numerous industrial and commercial applications. As applications of RF and microwaves continue to evolve and as this technology becomes a common factor in the scientific and engineering communities it is imperative that university students and practicing scientists and engineers become thoroughly familiar with the measurement principles, electronics, and design fundamentals under-lying this technology. RF and Microwaves is currently in the forefront as a fundamental technology in numerous industrial and commercial applications. As applications of RF and microwaves continue to evolve and as this technology becomes a common factor in the scientific and engineering communities it is imperative that university students and practicing scientists and engineers become thoroughly familiar with the measurement principles, electronics, and design fundamentals under-lying this technology. **Advanced RF & Microwave Circuit Design** is the quickest way to master this powerful subject, and information contained within the pages of this book will make every key electronic, measurement, and design principle you need a simple task. The book introduces concepts on a wide range of materials and has several advantages over existing texts,

including: 1. The presentation of a series of scientific postulates and axioms, which lays the foundation for any of the engineering sciences and is unique to this book compared with similar RF and Microwave texts.

The Ultimate Keys to Success in Business and Science AuthorHouse

Essential reading for experts in the field of RF circuit design and engineers needing a good reference. This book provides complete design procedures for multiple-pole Butterworth, Chebyshev, and Bessel filters. It also covers capacitors, inductors, and other components with their behavior at RF frequencies discussed in detail. Provides complete design procedures for multiple-pole Butterworth, Chebyshev, and Bessel filters Covers capacitors, inductors, and other components with their behavior at RF frequencies discussed in detail

Antennas and Wave Propagation Springer

The Definitive Guide to WiMAX Technology WiMAX is the most promising new technology for broadband wireless access to IP services. It can serve an extraordinary range of applications and environments: data, voice, and multimedia; fixed and mobile; licensed and unlicensed. However, until now, wireless professionals have had little reliable information to guide them. Fundamentals of WiMAX is the first comprehensive guide to WiMAX—its technical foundations, features, and performance. Three leading wireless experts systematically cut through the hype surrounding WiMAX and illuminate the realities. They combine complete information for wireless professionals and basic, accessible knowledge for non-experts. Professionals will especially appreciate their detailed discussion of the performance of WiMAX based on comprehensive link- and system-level simulations. Whether you're a wireless engineer, network architect, manager, or system designer, this book delivers essential information for succeeding with WiMAX—from planning through deployment. Topics include Applications, history, spectrum options, technical and business challenges, and competitive technologies of WiMAX 802.16 standards: physical and MAC layers, channel access, scheduling services, mobility, advanced antenna features, hybrid-ARQ, and more Broadband wireless channels: pathloss, shadowing, cellular systems, sectoring, and fading—including modeling and mitigation OFDM: from basic multicarrier concepts to synchronization, PAR reduction, and clipping MIMO: Multiple antennas, spatial diversity, beamforming, and a cutting-edge treatment of the use of MIMO in WiMAX OFDMA: multiple access, multiuser diversity, adaptive modulation, and resource allocation Networking and services aspects: architecture and protocols for IP QoS, session management, security, and mobility management Predicting performance using link-level and system-level simulations WiMAX network architecture: design principles, reference models, authentication, QoS, and mobility management

Advanced Principles of Success & Prosperity Springer Nature

MICROWAVE INTEGRATED CIRCUIT COMPONENTS DESIGN THROUGH MATLAB® This book teaches the student community microwave integrated circuit component design through MATLAB®, helping the reader to become conversant in using codes and, thereafter, commercial software for verification purposes only. Microwave circuit theory and its comparisons, transmission line networks, S-parameters, ABCD parameters, basic design parameters of planar transmission lines (striplines, microstrips, slot lines, coplanar waveguides, finlines), filter theory, Smith chart, inverted Smith chart, stability circles, noise figure circles and microwave components, are thoroughly explained in the book. The chapters are planned in such a way that readers get a thorough understanding to ensure expertise in design. Aimed at senior undergraduates, graduates and researchers in electrical engineering, electromagnetics, microwave circuit design and communications engineering, this book: • Explains basic tools for design and analysis of microwave circuits such as the Smith chart and network parameters • Gives the advantage of realizing the output without wiring the circuit by simulating through MATLAB code • Compares distributed theory with network theory • Includes microwave components, filters and amplifiers S. Raghavan was a Senior Professor (HAG) in the Department of Electronics and Communication Engineering, National Institute of Technology (NIT), Trichy, India and has 39 years of teaching and research experience at the Institute. His interests include: microwave integrated circuits, RF MEMS, Bio MEMS, metamaterial, frequency selective surfaces (FSS), substrate integrated waveguides (SIW), biomedical engineering and microwave engineering. He has established state-of-the-art MICs and microwave research laboratories at NIT, Trichy with funding from the Indian government. He is a Fellow/Senior Member in more than 24 professional societies including: IEEE (MTT, EMBS, APS), IETE, IEI, CSI, TSI, ISSS, IIA and ISOI. He is twice a recipient of the Best Teacher Award, and has received the Life Time Achievement Award, Distinguished Professor of Microwave Integrated Circuit Award and Best Researcher Award.

Heterojunction Bipolar Transistors for Circuit Design Prentice Hall

This book describes a full range of contemporary techniques for the design of transmitters and receivers for communications systems operating in the range from 1 through to 300 GHz. In this frequency range there is a wide range of technologies that need to be employed, with silicon ICs at the core but, compared with other electronics systems, a much greater use of more specialist devices and components for high performance – for example, high Q-factor/low loss and good power efficiency. Many text books do, of course, cover these topics but what makes this book timely is the rapid adoption of millimetre-waves (frequencies from 30 to 300 GHz) for a wide range of consumer applications such as wireless high definition TV, '5G' Gigabit mobile internet systems and automotive radars. It has taken many years to develop low-cost technologies for suitable transmitters and receivers, so previously these frequencies have been employed only in expensive military and space applications. The book will cover these modern technologies, with the follow topics covered; transmitters and receivers, lumped element filters, transmission lines and S-parameters, RF MEMS, RFICs and MMICs, and many others. In addition, the book includes extensive line diagrams to illustrate circuit diagrams and block diagrams of systems, including diagrams and photographs showing how circuits are implemented practically. Furthermore, case studies are also included to explain the salient features of a range of important wireless communications systems. The book is accompanied with suitable design examples and exercises based on the Advanced Design System – the industry leading CAD tool for wireless design. More importantly, the authors have been working with Keysight Technologies on a learning & teaching initiative which is designed to promote access to industry-standard EDA tools such as ADS. Through its University Educational Support Program, Keysight offers students the opportunity to request a student license, backed up with extensive classroom materials and support resources. This culminates with students having the chance to demonstrate their RF/MW design and measurement expertise through the Keysight RF & Microwave Industry-Ready Student Certification Program. www.keysight.com/find/eesof-university www.keysight.com/find/eesof-student-certification

Wireless Communication Electronics John Wiley & Sons

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.

IEICE Transactions on Electronics AuthorHouse

Modern wireless communications hardware is underpinned by RF and microwave design techniques. This insightful book contains a wealth of circuit layouts, design tips, and practical measurement techniques for building and testing practical gigahertz systems. The book covers everything you need to know to design, build, and test a high-frequency circuit. Microstrip components are discussed, including tricks for extracting good performance from cheap materials. Connectors and cables are also described, as are discrete passive components, antennas, low-noise amplifiers, oscillators, and frequency synthesizers. Practical measurement techniques are presented in detail, including the use of network analyzers, sampling oscilloscopes, spectrum analyzers, and noise figure meters. Throughout the focus is practical, and many worked examples and design projects are included. There is also a CD-ROM that contains a variety of design and analysis programs. The book is packed with indispensable information for students taking courses on RF or microwave circuits and for practising engineers.

The Gateway to Understanding: Electrons to Waves and Beyond Workbook Pearson Education
The book introduces concepts on a wide range of materials and has several advantages over existing texts, including: 1. The presentation of a series of scientific postulates and laws of RF and microwaves, which lay the foundation for the behavior of waves and their propagation on transmission lines, is unique to this book compared with similar RF and Microwave texts. 2. The presentation of classical laws and principles of electricity and magnetism, all inter-related, conceptually and graphically. 3. There is a shift of emphasis from rigorous mathematical solutions of Maxwell's equations, and instead has been aptly placed on simple yet fundamental concepts that underlie these equations. This shift of emphasis will promote a deeper understanding of the electronics, particularly at RF/Microwave frequencies. 4. Wave propagation in free space and transmission lines has been amply treated from a totally new standpoint. Designing RF/Microwave passive circuits using the Smith Chart as covered in this book becomes a systematic and yet pleasant task, which can easily be duplicated by any practitioner in the field. 5. New technical terms are precisely defined as they are first introduced, thereby keeping the subject matter in focus and preventing misunderstanding, and 6. Finally the abundant use of graphical illustrations and diagrams brings a great deal of clarity and conceptual understanding, enabling difficult concepts to be understood with ease. The fundamentals of RF and microwave electronics can be mastered visually, through many tested practical examples in the book and in the accompanying CD using Microsoft Excel (R) environment. This book is perfect for RF/microwave newcomers or industry veterans! The material is presented lucidly and effectively through worked practical examples using both clear-cut math and vivid illustrations, which help the reader gain practical knowledge in passive circuit design using the Smith Chart.

Radio Frequency and Microwave Electronics Illustrated Advanced RF & Microwave Circuit Design
The multi-billion-dollar microsystem packaging business continues to play an increasingly important technical role in today's information industry. The packaging process—including design and manufacturing technologies—is the technical foundation upon which function chips are updated for use in application systems, and it is an important guarantee of the continued growth of technical content and value of information systems. Introduction to Microsystem Packaging Technology details the latest advances in this vital area, which involves microelectronics, optoelectronics, RF and wireless, MEMS, and related packaging and assembling technologies. It is purposefully written so that each chapter is relatively independent and the book systematically presents the widest possible overview of packaging knowledge. Elucidates the evolving world of packaging technologies for manufacturing The authors begin by introducing the fundamentals, history, and technical challenges of microsystems. Addressing an array of design techniques for packaging and integration, they cover substrate and interconnection technologies, examples of device- and system-level packaging, and various MEMS packaging techniques. The book also discusses module assembly and optoelectronic packaging, reliability methodologies and analysis, and prospects for the evolution and future applications of microsystems packaging and associated

environmental protection. With its research examples and targeted reference questions and answers to reinforce understanding, this text is ideal for researchers, engineers, and students involved in microelectronics and MEMS. It is also useful to those who are not directly engaged in packaging but require a solid understanding of the field and its associated technologies.

Advanced RF & Microwave Circuit Design CRC Press

What sets this book apart is the fact that it is not just another microwave book describing scientific facts and phenomena. It would surely be redundant since that task has been done many times over with much more elegant prose and brighter narrators. Here is a book where, for the first time, we have undertaken the task of breaking the subject of RF and microwaves into its many components. Just like the light phenomenon, which was made to be a subset of electricity by James Clerk Maxwell, thus revolutionizing our world, so would this book by bringing about a new era of incredible design and applications in the microwave world! This book is the road map of circuit design for high frequency signals where it, through the use of numerous examples, presents detailed and yet powerful design techniques that anyone can learn! Moreover, the CD-ROM download provides a powerful interactive tool to learn and master the design methods provided in this book, and guides the reader toward a higher level of success by delivering quick answers for complicated designs. The Volume VI of the series, provides the advanced techniques for the design of active microwave circuits. The list of circuit applications contained in this volume consists of microwave amplifiers (both small-signal and large-signal), oscillators, rectifiers, detectors, mixers, control circuits, and integrated circuits (both monolithic and hybrid). It gradually dawns upon one that the knowledge contained within the confines of this book could be one's biggest asset in the design of sophisticated RF and Microwave active circuits.

The Modern Philosophy & Science of Investment John Wiley & Sons

What sets this book apart is the fact that it is not just another science book describing scientific facts and phenomena! It would surely be redundant since that task has been done many times over with much more elegant prose and brighter narrators. In this book, for the first time we have undertaken the task of breaking the code of any piece of matter or natural phenomena; whether it is an atom, a quantum occurrence, a planet, a galaxy, or any other perceivable thing. It covers any natural phenomena ever discovered or one that will be unravelled by the future pioneers in their respective fields. This book provides the trail map of any and all things that man has discovered and shows how their codes were cracked. The list of discoveries is endless but prominent amongst them are the discovery of fire, electricity, magnetism, laws of motion, the solar system and planets, so on and so forth. This book goes beyond just pure science since it fuses philosophy with science. It actually makes science a subset of philosophy, or more precisely, applied philosophy. Just like the light phenomenon, which was made to be a subset of the field of electricity by James Clerk Maxwell, revolutionizing our technical world, so does this book by bringing a new era of incredible developments for mankind!

Electronic Waves & Transmission Line Circuit Design AuthorHouse

Aimed at a single-semester course on antennas at the undergraduate level, Antennas and Wave Propagation provides a lucid explanation of the fundamentals of antennas and propagation. This student-friendly text also includes simple design procedures along with a large number of examples and exercises.

Cracking the Code of Our Physical Universe Lulu.com

The subject of waves particularly, electronic waves, has been piecemealed to a point where every text covers only a small part of the subject and leaves the rest to someone else to develop. At the present moment, there is no coherent and one-stop approach that covers this material from A to Z and presents it in such a way that an average person can wrap his wits around it. There has been a need for such a book for quite some time. Over the last hundred years, the field of electronic waves, initially placed on a firm ground by James Clerk Maxwell, has grown and blossomed magnificently, primarily in the area of applications to match up with the mathematical sophistication with which Maxwell's equations was presented. Today, almost anyone in our highly

technological society strives toward a higher understanding of the inner workings of electronic equipment and desires to know the major principles behind this fascinating form of energy called electricity and electronic waves, and yet most electrical books present the basic concepts with so much complexity and filled with so many mathematical equations that the average individual has given up on the subject and perforce has decided to retire to the sideline to be a spectator on the subject. In other words, their hope has been dashed aside and their dream of a higher understanding has not been fulfilled in any of the modern texts on electricity. The present work is the culmination of many years of study, observation and pondering on the dilemmas and enigmas of the physical universe in which we live with particular attention to electronic waves. In this work the origin of electronic waves and the resultant understandings that has been extracted from years of study of this sophisticated and at times incomprehensible subject, is presented with many lucid examples and applications. Within the confines of this book, one is given a chance for the first time to take an in-depth look and inspect first-hand, one of the most dynamic fields of study that has ever been developed in the history of mankind on this planet. The basics are laid in simple terms and clear explanations express the powerful principles lucidly and dynamically, providing an unforgettable impression in the reader's mind. Rather than looking into the complicated mathematical equations for solutions, Man's long search for answers to the riddles of the technical world will finally be amply rewarded through the pages of this book. By avoiding undue complexities, the reader will achieve Occam's razor doctrine and will be actually traveling in the direction of "the actual why" and thus be able to put his thoughts on the right track for all the future problems forthcoming. It is an interestingly uncommon book intended to lift the aura of "black magic" surrounding the world of sciences particularly electricity, to enlighten and demystify the subject of sciences in the minds of ordinary individuals. It is written primarily for the technical as well as the non-technical man and intends to serve several classes of our society: a) The professional engineers, b) The technical inventors, c) The technically versed individuals, d) The college professors, e) The college senior and graduate students, f) The interested but non-technical individuals, and g) The business and industrial leaders. The scientist, armed with the tools solidly laid out in this book, will be well equipped to understand scientific journals and handle the problems of work-a-day world of sciences, particularly testing, analysis and design of devices, circuits and systems dealing with electric, magnetic or electronic wave phenomena. The increased depth of knowledge will allow one to achieve one's objectives with a much higher probability of success in this rapidly advancing subject.

RF & Microwave Design Essentials AuthorHouse

324 Pages. Learning the subject of electricity and electronics through the study of this workbook is tremendously more beneficial than simply purchasing and reading the book on your own. The workbook provides many advantages including: a) A step by step approach presenting a series of lessons, which are bite-sized pieces of information taken from the book. b) The lessons act like a trail or a road to knowledge with a definite beginning and a finite end. This prevents possible frustration of the reader from aimlessly reading the book or getting overwhelmed by the enormity of the subject. c) Solutions to many of the end of chapter quizzes provide an excellent check-out to the readers comprehension of the material. d) A streamlined approach to learning electricity/electronics, which takes irrelevant materials off the direct path of achieving the final goal of total comprehension. e) Authors numerous comments, exercises and summary adds clarity and understanding and brings simplification to a very complicated subject.

RF and Microwave Engineering AuthorHouse

You will discover: ?? The Business World in a Nutshell ?? Who Do You Have to Be to Succeed ?? Scientific Fundamentals of Business ?? The Relativity of Business Knowledge ?? Timeless Principles of Business ?? Advanced Business Principles ?? Understanding Time Wasters ?? Economics As a Subset of Life ?? The Seven Levers of Leverage ?? Principles of Lifelong Selling ?? Unlimited Income Strategies ?? Creating Streams of Income ?? The Five Echelons to Climb ?? The Fifty Genius Traits ?? Selling as a Way of Life ?? The Essence of Money

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