Desain Dan Realisasi Antena Mikrostrip Patch Persegi

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Unified Design - Arup Associates 2008-05-19 Is the present obsession with the icon and the promotion of image over substance symptomatic of a general trend in contemporary architecture? Arup Associates provides the alternative: unified design. This straightforward, critical reflection on contemporary architecture -- a manifesto of sorts, polemical in parts, philosophical; and

determined to set an honest agenda -- is divided into three sections. First, an explanation of unified design. Next, a demonstration of the sustainable agenda that is a the heart of this practice. Finally, a complementary series of essays by respected commentators outside of the practice place the vision of people-focused design in the context of other critical social thought.

Compact and Broadband Microstrip Antennas - Kin-Lu Wong 2004-04-07
Compact microstrip antennas are of great importance in meeting the miniaturization requirements of modern portable communications equipment This book is a comprehensive treatment of design techniques and test data for current compact and broadband microstrip designs Summarizes the work of the author and his graduate students who have published over 80 refereed journal articles on the subject in the past few years Advanced designs reported by various other prestigious antenna designers are incorporated as well

Modern Antenna Design - Thomas A. Milligan 2005-07-08
A practical book written for engineers who design and useantennas The author has many years of hands on experience designingantennas that were used in such applications as the Venus and Marsmissions of NASA The book covers all important topics of modern antenna designfor communications Numerical methods will be included but only as much as areneeded for practical applications

Low-tech Innovation - Oliver Som 2014-10-28
This book highlights the economic relevance of the so-called low-tech industries and firms. Non R&D intensive firms continue to be the economic backbone of several developed industrial countries. They form the core of National Innovation Systems and contribute significantly to growth and employment. However, due to their lack of R&D activity, they are easily

overlooked in the general innovation debate. This book provides latest empirical findings on the current economic relevance and specific innovation strategies and management of non-R&D intensive firms in Germany. It discusses their future role in a knowledge driven economy as well as possible implications for innovation and technology policy. An outcome of several years of dedicated research conducted at the Fraunhofer Institute for Systems and Innovation Research (ISI), this book will prove of immense value to researchers and policy makers dealing with innovation and knowledge strategy.

Lean and Green Manufacturing - Kaliyan Mathiyazhagan 2022-01-17
This book provides a stage-by-stage integration of lean and green manufacturing paradigms to achieve environmental and economic benefits. The book includes chapters on conceptual development for incorporating the lean and green paradigm, and methods, tools and techniques for developing and integrating lean manufacturing. Several case studies which demonstrate the benefits of integrating lean and green manufacturing techniques are also covered here. The contents of this book are expected to support researchers and practitioners in the implementation of integrated lean and green manufacturing technologies.

Asia Branding - Bang Nguyen 2016

Theory of Adoption - Durvasula Srirama Sastri 1909

Tech Tally - National Research Council 2006-07-27
In a broad sense, technology is any modification of the natural world made to fulfill human needs or desires. Although people tend to focus on the most recent technological inventions, technology includes a myriad of devices and systems that profoundly affect everyone in modern society. Technology is pervasive; an informed citizenship needs to know what technology is, how it works,

how it is created, how it shapes our society, and how society influences technological development. This understanding depends in large part on an individual level of technological literacy. Tech Tally: Approaches to Assessing Technological Literacy determines the most viable approaches to assessing technological literacy for students, teachers, and out-of-school adults. The book examines opportunities and obstacles to developing scientifically valid and broadly applicable assessment instruments for technological literacy in the three target populations. The book offers findings and 12 related recommendations that address five critical areas: instrument development; research on learning; computer-based assessment methods, framework development, and public perceptions of technology. This book will be of special interest to individuals and groups promoting technological literacy in the United States, education and government policy makers in federal and state agencies, as well as the education research community.

ANTENA DAN PROPAGASI - Sulwan Dase 2022-10-05
Buku ANTENA DAN PROPAGASI - Teori dan Praktik sangat bermanfaat bagi para profesional, praktisi, maupun pehobi amatir radio. Buku ini berisi 11 bab yang sesuai dengan kurikulum perguruan tinggi. Antena Yagi banyak digunakan oleh operator radio maupun penerima televisi yang disajikan pada Bab 7. Teknik perhitungan, perencanaan antena, hingga simulasi parameter antena, impedansi, gain, pola radiasi antena Yagi berelemen pada frekuensi 145MHz diperlihatkan dengan detail. Pengenalan antena gelombang mikro seperti Wi-Fi diperlihatkan juga. Metode pengukuran praktis maupun mekanisme perambatan gelombang juga dibahas pada bab selanjutnya. Bagi para profesional, dapat belajar teknik desain dan penyusunan antena microstrip khususnya pada Bab 9. Prosedur desain antena microstrip disajikan secara detail agar pembaca dapat mencoba sendiri. Antena microstrip

banyak digunakan dalam sistem komunikasi seluler pada frekuensi di atas 1GHz. Bagian awal buku ini banyak membahas parameter dasar dan prinsip kerja sebuah antena, metode perancangan antena atau sUSunan antena, dan bagaimana menyimulasi desain antena. Penyampaian setiap pokok bahasan disusun dengan kalimat yang sederhana dan mudah dimengerti. Penulis berusaha untuk mengurangi ulasan matematis dan menjelaskannya dalam bentuk kalimat yang aplikatif, mudah dimengerti, dan tetap menjaga sisi ilmiahnya. Dengan membaca buku ini, pembaca diharapkan dapat mendesain, menyimulasi, dan memfabrikasi sebuah antena atau suSunan antena yang diinginkan. Penulis sangat berutang budi kepada Dr. Onno W Purbo, atas segala saran dan kritiknya yang sangat berharga untuk penerbitan buku ini.

Antennas - Yi Huang 2008-09-15
Practical, concise and complete reference for the basics of modern antenna design Antennas: from Theory to Practice discusses the basics of modern antenna design and theory. Developed specifically for engineers and designers who work with radio communications, radar and RF engineering, this book offers practical and hands-on treatment of antenna theory and techniques, and provides its readers the skills to analyse, design and measure various antennas. Key features: Provides thorough coverage on the basics of transmission lines, radio waves and propagation, and antenna analysis and design Discusses industrial standard design software tools, and antenna measurement equipment, facilities and techniques Covers electrically small antennas, mobile antennas, UWB antennas and new materials for antennas Also discusses reconfigurable antennas, RFID antennas, Wide-band and multi-band antennas, radar antennas, and MIMO antennas Design examples of various antennas are provided Written in a practical and concise manner by authors who are experts in antenna design, with experience from both

academia and industry This book will be an invaluable resource for engineers and designers working in RF engineering, radar and radio communications, seeking a comprehensive and practical introduction to the basics of antenna design. The book can also be used as a textbook for advanced students entering a profession in this field.

Accident Reconstruction - 1999
Twenty-three papers presented at the 1998 Society of Automotive Engineers International Congress and Exposition focus on investigating, documenting, and analyzing motor vehicle collisions. They cover topics such as computer generated images used in accident reconstruction, vehicle rollovers, crash s

Antennas and Radiowave Propagation - Robert E. Collin 1985
Good,No Highlights,No Markup,all pages are intact, Slight Shelfwear,may have the corners slightly dented, may have slight color changes/slightly damaged spine.

Planar Antennas - Praveen Kumar Malik 2021-10-21
This comprehensive reference text discusses fundamental concepts, applications, design techniques, and challenges in the field of planar antennas. The text focuses on recent advances in the field of planar antenna design and their applications in various fields of research, including space communication, mobile communication, wireless communication, and wearable applications. This resource presents planar antenna design concepts, methods, and techniques to enhance the performance parameters and applications for IoTs and device-to-device communication. The latest techniques used in antenna design, including their structures defected ground, MIMO, and fractal design, are discussed comprehensively. The text will be useful for senior undergraduate students, graduate students, and academic researchers in fields including electrical engineering, electronics, and communication engineering.

Antennas for Base Stations in Wireless Communications - Zhi Ning Chen 2009-07-01 Design Antennas for Modern Wireless Communications Systems Written by a global team of expert contributors, this book offers complete details on the wide range of antennas used in today's wireless communication networks. Coverage includes the most popular applications in WWAN (GSM, CDMA, and WCDMA), WLAN (Bluetooth and WiFi), WMAN (WiMAX), and WPAN (UWB and RFID). Antennas for Base Stations in Wireless Communications presents a full picture of modern base station antenna technology--from fundamentals and parameters to engineering and advanced solutions--and highlights new technologies in antenna design with enhanced performance. Real-world case studies provide you with practical examples that can be applied to your own system designs. Apply measurement techniques for various parameters Enable frequency re-use and channel capacity optimization in mobile radio networks Design antennas for mobile communications-CDMA, GSM, and WCDMA Implement advanced antenna technologies for GSM base stations Facilitate enhanced system capacity Design unidirectional antennas, including directed dipole, wideband patch, and complementary antennas Optimize antenna designs for WLAN (WiFi) applications Design antennas for Wireless Personal Area Network (WPAN) applications, including RFID and UWB

WiMAX - Syed A. Ahson 2018-10-08 As the demand for broadband services continues to grow worldwide, traditional solutions, such as digital cable and fiber optics, are often difficult and expensive to implement, especially in rural and remote areas. The emerging WiMAX system satisfies the growing need for high data-rate applications such as voiceover IP, video conferencing, interactive gaming, and multimedia streaming. WiMAX deployments not only serve residential and enterprise users but

can also be deployed as a backhaul for Wi-Fi hotspots or 3G cellular towers. By providing affordable wireless broadband access, the technology of WiMAX will revolutionize broadband communications in the developed world and bridge the digital divide in developing countries. Part of the WiMAX Handbook, this volume focuses on the technologies behind WiMAX, its performance capabilities, and its control mechanisms. The book introduces programmable baseband processors suited for WiMAX systems, describes an innovative methodology for the design of multi-band WiMAX antennas, addresses space-time block codes, and reviews space-frequency/space-time-frequency code design criteria. It also proposes a combined call admission control and scheduling scheme, focuses on the performance analysis of the IEEE 802.16 mesh mode, and analyzes the performance of both single-input-single-output and space-time-block-coded OFDM systems in mobile environments. The final section establishes a framework of an ideal reservation period controller, examines the ecosystem in which scheduling for IEEE 802.16e systems must be performed, and presents a fuzzy logic controller for admission control. With the revolutionary technology of WiMAX, the lives of many will undoubtedly improve, thereby leading to greater economic empowerment.
Microwave Engineering - David M. Pozar 2011-11-22
Pozar's new edition of Microwave Engineering includes more material on active circuits, noise, nonlinear effects, and wireless systems. Chapters on noise and nonlinear distortion, and active devices have been added along with the coverage of noise and more material on intermodulation distortion and related nonlinear effects. On active devices, there's more updated material on bipolar junction and field effect transistors. New and updated material on wireless communications systems, including link budget, link margin, digital modulation methods,

and bit error rates is also part of the new edition. Other new material includes a section on transients on transmission lines, the theory of power waves, a discussion of higher order modes and frequency effects for microstrip line, and a discussion of how to determine unloaded.

Routing Protocols Companion Guide - Cisco Networking Academy 2014
This course describes the architecture, components, and operations of routers, and explains the principles of routing and routing protocols. You learn how to configure a router for basic and advanced functionality. By the end of this course, you will be able to configure and troubleshoot routers and resolve common issues with RIPv1, RIPv2, EIGRP, and OSPF in both IPv4 and IPv6 networks. The Companion Guide is designed as a portable desk reference to use anytime, anywhere to reinforce the material from the course and organise your time. The book's features help you focus on important concepts to succeed in this course: Chapter objectives-Review core concepts by answering the focus questions listed at the beginning of each chapter. Key terms-Refer to the lists of networking vocabulary introduced and highlighted in context in each chapter. Glossary-Consult the comprehensive Glossary with more than 150 terms. Summary of Activities and Labs-Maximise your study time with this complete list of all associated practice exercises at the end of each chapter. Check Your Understanding-Evaluate your readiness with the end-of-chapter questions that match the style of questions you see in the online course quizzes. The answer key explains each answer. How To-Look for this icon to study the steps you need to learn to perform certain tasks.

The Technology of Artificial Lift Methods - Kermit E. Brown 1977

Ferroelectric-Gate Field Effect Transistor Memories - Byung-Eun Park 2020-03-23
This book provides comprehensive coverage of

the materials characteristics, process technologies, and device operations for memory field-effect transistors employing inorganic or organic ferroelectric thin films. This transistor-type ferroelectric memory has interesting fundamental device physics and potentially large industrial impact. Among various applications of ferroelectric thin films, the development of nonvolatile ferroelectric random access memory (FeRAM) has been most actively progressed since the late 1980s and reached modest mass production for specific application since 1995. There are two types of memory cells in ferroelectric nonvolatile memories. One is the capacitor-type FeRAM and the other is the field-effect transistor (FET)-type FeRAM. Although the FET-type FeRAM claims the ultimate scalability and nondestructive readout characteristics, the capacitor-type FeRAMs have been the main interest for the major semiconductor memory companies, because the ferroelectric FET has fatal handicaps of cross-talk for random accessibility and short retention time. This book aims to provide the readers with development history, technical issues, fabrication methodologies, and promising applications of FET-type ferroelectric memory devices, presenting a comprehensive review of past, present, and future technologies. The topics discussed will lead to further advances in large-area electronics implemented on glass, plastic or paper substrates as well as in conventional Si electronics. The book is composed of chapters written by leading researchers in ferroelectric materials and related device technologies, including oxide and organic ferroelectric thin films.

Millimeter-wave Microstrip and Printed Circuit Antennas - P. Bhartia 1991 Provides information needed to design millimeter-wave microstrip and printed circuit antennas from analysis methods and materials selection to antennas for particular applications. Special focus is given to the issues that impact

the ability to scale microwave frequency designs to the millimeter-wav

Frequency Synthesizer Design Handbook - James A. Crawford 1994
This work is aimed at practitioners wishing to gain a broader systems-based perspective of phase-locked loops; and is also suitable as a graduate text for engineering students. It provides detailed coverage of digital sampling effects in modern phase-locked frequency synthesizers from a systems perspective, and discusses all aspects of phase noise, its mathematical modelling and its impact upon different digital communication systems. Sections on building blocks for frequency synthesis using phase-locked loops, frequency synthesis using sampled-data control systems, and MASCET, are included.

Microstrip Antenna Design - K. C. Gupta 1988

Communications Receivers: DPS, Software Radios, and Design, 3rd Edition - Ulrich L.

Rohde 2001
An all-in-one, authoritative guide to receivers of all kinds-the unrivaled source for engineers and technicians working with radio communications systems. This updated edition includes DSP techniques and explains the basic workings of software radios. Covers everything from front end systems to frequency generators and controllers, and contains hundreds of illustrations, diagrams, and mathematical equations.

Econophysics and Sociophysics - Bikas K. Chakrabarti 2007-02-27
Using tricks to handle coupled nonlinear dynamical many-body systems, several advancements have already been made in understanding the behavior of markets/economic/social systems and their dynamics. The book intends to provide the reader with updated reviews on such major developments in both econophysics and sociophysics, by leading experts in the

respective fields. This is the first book providing a panoramic view of these developments in the last decade.

The Oliver Wight ABCD Checklist for Operational Excellence - Oliver Wight 1995-03-28
A comprehensive guide to assessing operational excellence. Used by thousands of manufacturing firms, this recent edition enables companies to evaluate their performance in areas such as strategic planning, people and team systems, product development, continuous improvement and planning and control.

Antenna Theory and Microstrip Antennas - D. G. Fang 2017-12-19
Antenna Theory and Microstrip Antennas offers a uniquely balanced analysis of antenna fundamentals and microstrip antennas. Concise and readable, it provides theoretical background, application materials, and details of recent progress. Exploring several effective design approaches, this book covers a wide scope, making it an ideal hands-on resource for professionals seeking a refresher in the fundamentals. It also provides the basic grounding in antenna essentials that is required for those new to the field. The book's primary focus is on introducing practical techniques that will enable users to make optimal use of powerful commercial software packages and computational electromagnetics used in full wave analysis and antenna design. Going beyond particular numerical computations to teach broader concepts, the author systematically presents the all-important spectral domain approach to analyzing microstrip structures including antennas. In addition to a discussion of near-field measurement and the high-frequency method, this book also covers: Elementary linear sources, including Huygen's planar element, and analysis and synthesis of the discrete and continuous arrays formed by these elementary sources The digital beam-forming antenna and smart antenna Cavity mode theory and related

issues, including the design of irregularly shaped patches and the analysis of mutual coupling Based on much of the author's own internationally published research, and honed by his years of teaching experience, this text is designed to bring students, engineers, and technicians up to speed as efficiently as possible. This text purposefully emphasizes principles and includes carefully selected sample problems to ease the process of understanding the often intimidating area of antenna technology. Paying close attention to this text, you will be able to confid

The Foundations of Education for Librarianship - Jesse Hauk Shera 1972 Communication and the individual; Society and culture; Communication, culture, and the library; An epistemological foundation for library science; The role of the library in the social process; The role of the library in the dissemination of information; What the librarian needs to know; The search for a format; Winds of change; The academic setting; The professional program; The doctoral program and research; The faculty; Administration.

Acoustics - Heinrich Kuttruff 2007-01-24 This definitive textbook provides students with a comprehensive introduction to acoustics. Beginning with the basic physical ideas, Acoustics balances the fundamentals with engineering aspects, applications and electroacoustics, also covering music, speech and the properties of human hearing. The concepts of acoustics are exposed and applied in: room acoustics sound insulation in buildings noise control underwater sound and ultrasound Scientifically thorough, but with mathematics kept to a minimum, Acoustics is the perfect introduction to acoustics for students at any level of mechanical, electrical or civil engineering courses and an accessible resource for architects, musicians or sound engineers requiring a technical understanding of acoustics and their applications.

Harris' Shock and Vibration Handbook - Allan G. Piersol 2009-10-01
The classic reference on shock and vibration, fully updated with the latest advances in the field Written by a team of internationally recognized experts, this comprehensive resource provides all the information you need to design, analyze, install, and maintain systems subject to mechanical shock and vibration. The book covers theory, instrumentation, measurement, testing, control methodologies, and practical applications. Harris' Shock and Vibration Handbook, Sixth Edition, has been extensively revised to include innovative techniques and technologies, such as the use of waveform replication, wavelets, and temporal moments. Learn how to successfully apply theory to solve frequently encountered problems. This definitive guide is essential for mechanical, aeronautical, acoustical, civil, electrical, and transportation engineers. EVERYTHING YOU NEED TO KNOW ABOUT MECHANICAL SHOCK AND VIBRATION, INCLUDING Fundamental theory Instrumentation and measurements Procedures for analyzing and testing systems subject to shock and vibration Ground-motion, fluid-flow, wind-. and sound-induced vibration Methods for controlling shock and vibration Equipment design The effects of shock and vibration on humans

iMEC-APCOMS 2019 - Muhammed Nafis Osman Zahid 2019-10-26
This book presents the proceedings of the 4th International Manufacturing Engineering Conference and 5th Asia Pacific Conference on Manufacturing Systems (iMEC-APCOMS 2019), held in Putrajaya, Malaysia, on 21–22 August 2019. Covering scientific research in the field of manufacturing engineering, with focuses on industrial engineering, materials, processes, the book appeals to researchers, academics, scientists, students, engineers and practitioners who are interested in the latest developments and applications related to manufacturing

engineering.

Practical Antenna Handbook 5/e - Joseph Carr 2011-10-25 THE DEFINITIVE ANTENNA REFERENCE--FULLY REVISED AND EXPANDED! Design and build your own antennas with the help of this unique guide. Updated and revised to provide clear answers to questions frequently asked by hobbyists and electronics technicians, Practical Antenna Handbook, Fifth Edition blends theoretical concepts with hands-on experience--requiring only high school mathematics Reorganized to flow logically from broad physical principles to specific antenna design and construction techniques, the book begins by covering the fundamentals. Then the half-wave dipole is discussed both as an excellent antenna in its own right and as a conceptual tool for predicting the performance of other designs. Transmission line impedance matching techniques--and a companion Smith chart tutorial--lead into "must have" accessories for tuning, monitoring, and troubleshooting antenna system performance. Other tools, such as antenna modeling software and network analyzer add-ons for PCs and Macs, are addressed, and concluding chapters offer fresh insights into support structures and installation techniques. NEW TOPICS COVERED INCLUDE: Characteristics of all-driven and parasitic arrays Beverages and small MF/HF receiving loops Top-loaded shunt-fed towers and other verticals Theory and design of Yagi beams Effect of real ground on propagation and antenna patterns, impedance, and efficiency Lightning protection and four kinds of ground systems Zoning and restrictive covenants COVERS A WIDE VARIETY OF ANTENNAS: Dipoles and inverted-Vs Quads, delta, and NVIS loops Wire arrays (bobtail curtain, half-square, rhombic) Verticals and shunt-fed towers Rotatable Yagi beams MF/HF receiving antennas (flag, pennant, K9AY, Beverage) Mobile and portable antennas VHF/UHF/microwave antennas And many more

GO TO WWW.MHPROFESSIONAL.COM/CARR5 FOR: * Tables of worldwide geographic coordinates and antenna dimensions vs. frequency * Supplier updates * Author's blog * Additional photographs and schematics * Links to tutorials and specialized calculators

Mobile WiMAX - Kwang-Cheng Chen 2008-04-15 The first book to cover one of the hottest subjects in wireless communications today, Mobile WiMAX Summarises the fundamental theory and practice of Mobile WiMAX Presents topics at introductory level for readers interested in understanding communication and networking knowledge for Mobile WiMAX, whilst addressing advanced / specialised subjects related to Mobile WiMAX Contains the latest advances and research from the field and shares knowledge from the key players working in this area Chapter 1 updates Mobile WiMAX status and standards; Chapters 2-6 are related to physical layer transmission; Chapters 7-12 deal with MAC and networking issues; Chapters 13-14 discuss relay networks for mobile WiMAX; and Chapters 15-19 present multimedia networking for mobile WiMAX and application scenarios. Ideal for Mobile WiMAX R&D/practicing engineers (systems, applications and services, field, terminal, IC design, integration), business development professionals, academic researchers. Graduate students conducting research and graduate students studying in mobile WiMAX and next generation wireless communications. Undergraduate students studying mobile WiMAX related subjects

Microwave Devices and Circuits - Samuel Y. Liao 1990-09

Beginner's Guide to Electronics - Terence Leighton Squires 1974

Probability and Random Processes for Electrical and Computer Engineers - John A. Gubner 2006-06-01

The theory of probability is a powerful tool that helps electrical and computer engineers to explain, model, analyze, and design the technology they develop. The text begins at the advanced undergraduate level, assuming only a modest knowledge of probability, and progresses through more complex topics mastered at graduate level. The first five chapters cover the basics of probability and both discrete and continuous random variables. The later chapters have a more specialized coverage, including random vectors, Gaussian random vectors, random processes, Markov Chains, and convergence. Describing tools and results that are used extensively in the field, this is more than a textbook; it is also a reference for researchers working in communications, signal processing, and computer network traffic analysis. With over 300 worked examples, some 800 homework problems, and sections for exam preparation, this is an essential companion for advanced undergraduate and graduate students.

Further resources for this title, including solutions (for Instructors only), are available online at www.cambridge.org/9780521864701.
Beam Antenna Handbook - William I. Orr 1990-11
This new edition, a must for the serious DXer, presents complete information on beam design, construction, and operation, and describes tests to detect if a beam is working properly.
COBIT 5 for Risk - ISACA 2013-09-25
Information is a key resource for all enterprises. From the time information is created to the moment it is destroyed, technology plays a significant role in containing, distributing and analysing information. Technology is increasingly advanced and has become pervasive in enterprises and the social, public and business environments.
Microwave Circuit Design Using Linear and Nonlinear Techniques - George D. Vendelin 2005-10-03
The ultimate handbook on microwave circuit

design with CAD. Full of tips and insights from seasoned industry veterans, Microwave Circuit Design offers practical, proven advice on improving the design quality of microwave passive and active circuits-while cutting costs and time. Covering all levels of microwave circuit design from the elementary to the very advanced, the book systematically presents computer-aided methods for linear and nonlinear designs used in the design and manufacture of microwave amplifiers, oscillators, and mixers. Using the newest CAD tools, the book shows how to design transistor and diode circuits, and also details CAD's usefulness in microwave integrated circuit (MIC) and monolithic microwave integrated circuit (MMIC) technology. Applications of nonlinear SPICE programs, now available for microwave CAD, are described. State-of-the-art coverage includes microwave transistors (HEMTs, MODFETs, MESFETs, HBTs, and more), high-power amplifier design, oscillator design including feedback topologies, phase noise and examples, and more. The techniques presented are illustrated with several MMIC designs, including a wideband amplifier, a low-noise amplifier, and an MMIC mixer. This unique, one-stop handbook also features a major case study of an actual anticollision radar transceiver, which is compared in detail against CAD predictions; examples of actual circuit designs with photographs of completed circuits; and tables of design formulae.

Phased Array Antennas - Arthur A. Oliner 1972

Control of Induction Motors - Andrzej Trzynadlowski 2001
This is a reference source for practising engineers specializing in electric power engineering and industrial electronics. It begins with the basic dynamic models of induction motors and progresses to low- and high-performance drive systems.