

Ingegneria Delle Microonde E Radiofrequenze Italian Edition

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Giornale della libreria - 1968

Bibliografia italiana. Gruppo C, Ingegneria, industria, difesa nazionale - 1940

Microstrip Filters for RF / Microwave Applications - Jia-Sheng Hong 2011-01-06

The first edition of "Microstrip Filters for RF/Microwave Applications" was published in 2001. Over the years the book has been well received and is used extensively in both academia and industry by microwave researchers and engineers. From its inception as a manuscript the book is almost 8 years old. While the fundamentals of filter circuits have not changed, further innovations in filter realizations and other applications have occurred with changes in the technology and use of new fabrication processes, such as the recent advances in RF MEMS and ferroelectric films for tunable filters; the use of liquid crystal polymer (LCP) substrates for multilayer circuits, as well as the new filters for dual-band, multi-band and ultra wideband (UWB) applications. Although the microstrip filter remains as the main transmission line medium for these new developments, there has been a new trend of using combined planar transmission line structures such as co-planar waveguide (CPW) and slotted ground structures for novel physical implementations beyond the single layer in order to achieve filter miniaturization and better performance. Also, over the years, practitioners have suggested topics that should be added for completeness, or deleted in some cases, as they were not very useful in practice. In view of the above, the authors are proposing a revised version of the "Microstrip Filters for RF/Microwave Applications" text and a slightly changed book title of "Planar Filters for RF/Microwave Applications" to reflect the aforementioned trends in the revised book.

Dizionario enciclopedico italiano - Umberto Bosco 1984

Doc Italia - 1992

A Student's Guide to Maxwell's Equations - Daniel Fleisch 2008-01-10

Gauss's law for electric fields, Gauss's law for magnetic fields, Faraday's law, and the Ampere-Maxwell law are four of the most influential equations in science. In this guide for students, each equation is the subject of an entire chapter, with detailed, plain-language explanations of the physical meaning of each symbol in the equation, for both the integral and differential forms. The final chapter shows how Maxwell's equations may be combined to produce the wave equation, the basis for the electromagnetic theory of light. This book is a wonderful resource for undergraduate and graduate courses in electromagnetism and electromagnetics. A website hosted by the author at www.cambridge.org/9780521701471 contains interactive solutions to every problem in the text as well as audio podcasts to walk students through each chapter.

Annali ... - Istituto universitario navale (Naples, Italy). Facoltà di economia marittima 1973

L'elettrotecnica giornale ed atti della Associazione elettrotecnica ed elettronica italiana - 1938

Giornale di bibliografia tecnica internazionale - 1941

Gazzetta ufficiale della Repubblica italiana. Parte prima, 4. serie speciale, Concorsi ed esami - 1993

Quaderni de "La Ricerca scientifica". - 1968

Subsurface Sensing - Ahmet S. Turk 2011-07-06

This book provides readers with a solid understanding of the capabilities and limitations of the techniques used for buried object detection. Presenting theory along with applications and the existing technology, it covers the most recent developments in hardware and software technologies of sensor systems with a focus on primary sensors such as Ground Penetrating Radar (GPR) and auxiliary sensors such as Nuclear Quadruple Resonance (NQR). It is essential reading for students, practitioners, specialists, and academicians involved in the design and implementation of buried object detection sensors.

Supplemento a La Ricerca scientifica - 1976

Contains mainly reports on the scientific activities of the Institutes, Centres, Groups, etc. of the CNR.

The Common Agricultural Policy after the Fischler Reform - Alessandro Sorrentino 2016-03-23

Providing an updated state of the art report on the effects of the 2003 Common Agricultural Policy (CAP) reform, this volume has a particular emphasis on the governance of institutional changes and national/regional implementation. Written from an agricultural economist's point of view and enriched by the contribution of political scientists and policy makers, this book offers: - an updated report of the European debate on agricultural and rural policies; -an in-depth analysis of the decoupling process of the agricultural financial support in Europe; - an analysis of the CAP implementation in the old and new Europe Member States ; - a discussion on the future scenarios for the European Agricultural Policies Based on a selection of papers from the 109th Seminar of the European Association of the Agricultural Economists (EAAE), this book, with a foreword by Franz Fischler, also includes four commissioned contributions from leaders in the field including Sofia Davidova, Roberto Esposti, Tassos Haniotis and Johan Swinnen.

La legislazione italiana - Italy 1974

Automazione energia informazione - 1995

Microwave and RF Engineering - Roberto Sorrentino 2010-07-26

An essential text for both students and professionals, combining detailed theory with clear practical guidance This outstanding book explores a large spectrum of topics within microwave and radio frequency (RF) engineering, encompassing electromagnetic theory, microwave circuits and components. It provides thorough descriptions of the most common microwave test instruments and advises on semiconductor device modelling. With examples taken from the authors' own experience, this book also covers: network and signal theory; electronic technology with guided electromagnetic propagation; microwave circuits such as linear and non-linear circuits, resonant circuits and cavities, monolithic microwave circuits (MMICs), wireless architectures and integrated circuits; passive microwave components, control components; microwave filters and matching networks. Simulation files are included in a CD Rom, found inside the book. Microwave and RF Engineering presents up-to-date research and applications at different levels of difficulty, creating a useful tool for a first approach to the subject as well as for subsequent in-depth study. It is therefore indispensable reading for advanced professionals and designers who operate at high frequencies as well as senior students who are first approaching the subject.

Nanoradio - Fouad Sabry 2022-11-16

Cos'è la nanoradio I nanotubi di carbonio sono il componente chiave di una nanotecnologia nota come nanoradio, che funge sia da trasmettitore che da ricevitore radio. Nel 2007, i ricercatori che lavoravano sotto la direzione di Alex Zettl presso l'Università della California, a Berkeley, sono stati in grado di inviare efficacemente un segnale audio utilizzando una delle prime nanoradio che hanno creato. A causa delle loro dimensioni ridotte, le nanoradio hanno il potenziale per essere utilizzate in un'ampia varietà di contesti, anche come trasmettitori radio nel sistema circolatorio. Come ne trarrai vantaggio (I) Approfondimenti e validazioni sui seguenti argomenti: Capitolo 1: Nanoradio Capitolo 2: Microonde Capitolo 3: Spettro Capitolo 4: Mezzo di trasmissione Capitolo 5: Trasmettitore Capitolo 6: Onde radio Capitolo 7: Frequenza molto bassa Capitolo 8: Antenna (radio) Capitolo 9: Propagazione radio Capitolo 10: Indice degli articoli di elettronica Capitolo 11: Ricevitore radio Capitolo 12: Risonatore Capitolo 13: Modulazione video Capitolo 14: Scatter incoerente Capitolo 15: Alimentazione dell'antenna Capitolo 16: Ingegneria delle radiofrequenze Capitolo 17: Alex Zettl Capitolo 18: Radio Capitolo 19: Recenza ottica Capitolo 20: Nanomotore in nanotubi di carbonio Capitolo 21: Antenna al grafene (II) Rispondere al domande principali pubbliche su nanoradio. (III) Esempi del mondo reale per l'uso di nanoradio in molti campi. (IV) 17 appendici per spiegare, brevemente, 266 tecnologie emergenti in ciascuna settore per avere una comprensione completa a 360 gradi delle tecnologie delle nanoradio. A chi è rivolto questo libro Professionisti, studenti universitari e laureati, appassionati, hobbisti, e coloro che vogliono andare oltre le conoscenze o le informazioni di base per qualsiasi tipo di nanoradio.

Radio industria rassegna della produzione radioelettrica - 1940

Bibliografia italiana 1928- ... - 1937

L'Elettrotecnica - 1973

Rivista di ingegneria agraria - 1993

Robust Statistics for Signal Processing - Abdelhak M. Zoubir 2018-11-08

Understand the benefits of robust statistics for signal processing using this unique and authoritative text.

MICROWAVE DEVICES AND CIRCUIT DESIGN - GANESH PRASAD SRIVASTAVA 2006-01-01

This textbook presents a unified treatment of theory, analysis and design of microwave devices and circuits. It is designed to address the needs of undergraduate students of electronics and communication engineering for a course in microwave engineering as well as those of the students pursuing M.Sc. courses in electronics science. The main objective is to provide students with a thorough understanding of microwave devices and circuits, and to acquaint them with some of the methods used in circuit analysis and design. Several types of planar transmission lines such as stripline, microstrip, slot line and a few other structures have been explained. The important concepts of scattering matrix and Smith chart related to design problems have been discussed in detail. The performance and geometry of microwave transistors-both bipolar and field effect-have been analysed. Microwave passive components such as couplers, power dividers, attenuators, phase shifters and circulators have been comprehensively dealt with. Finally, the analysis and design aspects of microwave transistor amplifiers and oscillators are presented using the scattering parameters technique. Numerous solved problems and chapter-end questions are included for practice and reinforcement of the concepts.

Raccolta generale di legislazione: Appendice di aggiornamento al 31 dicembre 1991 - Italy 1992

State-of-the-Art Polymer Science and Technology in Italy (2019,2020) - Ignazio Blanco 2020-09-23

Polymer science and technology in Italy represent long-lasting and interdisciplinary fields in which chemistry, physics, and engineering mix together to produce studies which are considered among the best in the world. Several research groups coming from very different fields often collaborate in the design of the material, of the part, and of the processing technology to obtain innovative products with outstanding, new, and smart properties. Examples of the contributions of Italian research in the field are featured in top journals and conferences throughout the world. This Special Issue collects an overview of polymer science and technology

in Italy. The research topics include: polymer composites and nanocomposites; biodegradable polymers; polymers with special properties and smart polymers; advanced characterization of polymers; new and innovative polymer processes; modeling of polymer processing; polymeric materials in additive manufacturing; process-properties relationships; polymeric parts for special applications.

Atti del Congresso Scientifico - Rassegna Internazionale Elettronica e Nucleare, Rome 1955

Rassegna delle poste e delle telecomunicazioni Ufficiale del Ministero delle comunicazioni - 1940

Atti Della Fondazione Giorgio Ronchi Anno LXIII N.1-2 -

La Medicina del lavoro - 1981

Gazzetta ufficiale della Repubblica italiana. Parte prima - 1962

Giornale della libreria, della tipografia, e delle arti e industrie affini - 1987

Atti della Fondazione Giorgio Ronchi - 1994-07

Mathematical Analysis I - Claudio Canuto 2015-04-08

The purpose of the volume is to provide a support for a first course in Mathematics. The contents are organised to appeal especially to Engineering, Physics and Computer Science students, all areas in which mathematical tools play a crucial role. Basic notions and methods of differential and integral calculus for functions of one real variable are presented in a manner that elicits critical reading and prompts a hands-on approach to concrete applications. The layout has a specifically-designed modular nature, allowing the instructor to make flexible didactical choices when planning an introductory lecture course. The book may in fact be employed at three levels of depth. At the elementary level the student is supposed to grasp the very essential ideas and familiarise with the corresponding key techniques. Proofs to the main results befit the intermediate level, together with several remarks and complementary notes enhancing the treatise. The last, and farthest-reaching, level requires the additional study of the material contained in the appendices, which enable the strongly motivated reader to explore further into the subject. Definitions and properties are furnished with substantial examples to stimulate the learning process. Over 350 solved exercises complete the text, at least half of which guide the reader to the solution. This new edition features additional material with the aim of matching the widest range of educational choices for a first course of Mathematics.

Advanced Modal Analysis - Giuseppe Conciauro 2000-02-03

Authored by three renowned experts in microwave engineering, this book describes in detail a number of modern multi-modal techniques for the analysis and design of passive microwave components. It comprehensively covers modal analysis of waveguides and cavities; discusses several multi-mode procedures for the study of both basic and arbitrarily shaped waveguide junctions and finally, describes specific applications such as inductively coupled filters, waveguide couplers, metal insert and dual-mode filters. The book will be of interest to professional engineers and researchers in the microwave engineering field as well as students engaged in research at an advanced level. Distinctive features of this book include: * Detailed explanation of several multi-mode analysis techniques for the analysis of waveguide components based on both canonical and arbitrary waveguide profiles * Measured versus simulated results for a number of specific application examples * Accompanying software that allows the reader to input their own data thereby demonstrating how the techniques described can be effectively used to develop fast and accurate CAD tools

Il sogno dei gigahertz - Francesco Carassa 2002

Electronic Filter Simulation & Design - Giovanni Bianchi 2007-06-04

Utilize Powerful New Simulation Methods to Optimize Filter Design! Electronic Filter Simulation and Design shows you how to apply simulation methods and commercially available software to catch errors early in the

design stage and streamline your design process. Using 150 detailed illustrations, this hands-on resource examines cutting-edge simulation methods for lumped passive filters...active RC filters...low-pass and band-stop distributed filters...high-pass and band-pass distributed filters...high-frequency filters...discrete time filters...and much more. The book also contains a skills-building CD with files for major case studies covered in the text, together with demo versions of Mathcad and SIMetrix, so that you can work the examples and adapt them to their own projects. Electronic Filter Simulation and Design features: A wealth of synthesis procedures for design Expert guidance on filter verification via simulation The latest design techniques for high-frequency filters A valuable CD with files for major case studies from the book, plus demo versions of Mathcad and SIMetrix for adapting them Inside this Time-Saving Filter Simulation and Design Guide • Basic

Concepts • Lumped Passive Filters • Active RC Filters • Transmission Lines • Low-Pass and Band-Stop Distributed Filters • High-Pass and Band-Pass Distributed Filters • Special Designs of High Frequency Filters • Discrete Time Filters • Waveguide Filters • Appendixes

Alta frequenza - 1972

Panorama - 2000-04

Gazzetta Ufficiale - Italy. Direzione generale dell'agricoltura 1962