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KEY=K100SM - COLLIER CHACE

MOVIE MAKER

FILM MAKING

VISUAL EDUCATION

INVESTIGATING CHRISTMAS

Have you ever wondered about the Christmas story? What does the Bible really say about Angels? Can Jesus and Santa be on the same Team? Is Christmas rooted in a Pagan holiday? How and when did the whole manger situation go down? This book seeks to answer those questions for the average Christian by taking a realistic look at the current research, archaeology, and historical scholarship. From Santa to the wise men there is no aspect that escapes criticism and none that are silenced by it. When all the data is allowed to have its voice, the voice of God rings out through its dissonant harmony to reveal the beauty of a savior born thousands of years ago.

TROPE LONDON

Trope City Editions Trope London, the second volume in the Trope City Editions series highlighting the world's most architecturally compelling cities, is a highly curated collection of photographic images from an active community of urban photographers who have passionately captured their city like never before.

CHICANA MOVIDAS

NEW NARRATIVES OF ACTIVISM AND FEMINISM IN THE MOVEMENT ERA

University of Texas Press With contributions from a wide array of scholars and activists, including leading Chicana feminists from the period, this groundbreaking anthology is the first collection of scholarly essays and testimonios that focuses on Chicana organizing, activism, and leadership in the movement years. The essays in *Chicana Movidas: New Narratives of Activism and Feminism in the Movement Era* demonstrate how Chicanas enacted a new kind of politica at the intersection of race, class, gender, and sexuality, and developed innovative concepts, tactics, and methodologies that in turn generated new theories, art forms, organizational spaces, and strategies of alliance. These are the technologies of resistance documented in *Chicana Movidas*, a volume that brings together critical biographies of Chicana activists and their bodies of work; essays that focus on understudied organizations, mobilizations, regions, and subjects; examinations of emergent Chicana archives and the politics of collection; and scholarly approaches that challenge the temporal, political, heteronormative, and spatial limits of established Chicano movement narratives. Charting the rise of a field of knowledge that crosses the boundaries of Chicano studies, feminist theory, and queer theory, *Chicana Movidas: New Narratives of Activism and Feminism in the Movement Era* offers a transgenerational perspective on the intellectual and political legacies of early Chicana feminism.

THE NIGHT OFF

Having spent her life attending to the needs of others, Emily Parker opts to relinquish control for one night to escort Nat Swayne, but neither suspected that their encounter would lead to them becoming emotionally involved.

SINGER'S LIBRARY OF SONG

A VOCAL ANTHOLOGY OF MASTERWORKS AND FOLK SONGS FROM THE MEDIEVAL ERA THROUGH THE TWENTIETH CENTURY

Alfred Music Publishing Singer's Library of Song features 37 of the world's best-loved songs from the Medieval era though the 20th Century, presented with historical information and performance suggestions that are designed to enhance and educate developing vocalists. Art Songs, Arias, Folk Songs, Spirituals, and Lieder -- they're all here, and they're all beautifully laid out in this comprehensive 200-page anthology for vocal study. English, Latin, Italian, German, French, Spanish, and Hebrew texts are included, and accurate translations and IPA pronunciation guides pave the way for serious singers. The comb binding creates a lay-flat book that is perfect for study and performance. Available in low, medium, and high editions with optional accompaniment CDs (set of 2), Singer's Library of Song is a must-have for every voice teacher and student.

INTRODUCTION TO STOCHASTIC DYNAMIC PROGRAMMING

Academic Press Introduction to Stochastic Dynamic Programming presents the basic theory and examines the scope of applications of stochastic dynamic programming. The book begins with a chapter on various finite-stage models, illustrating the wide range of applications of stochastic dynamic programming. Subsequent chapters study infinite-stage models: discounting future returns, minimizing nonnegative costs, maximizing nonnegative returns, and maximizing the long-run average return. Each of these chapters first considers whether an optimal policy need exist—providing counterexamples where appropriate—and then presents methods for obtaining such policies when they do. In addition, general areas of application are presented. The final two chapters are concerned with more specialized models. These include stochastic scheduling models and a type of process known as a multiproject bandit. The mathematical prerequisites for this text are relatively few. No prior knowledge of dynamic programming is assumed and only a moderate familiarity with probability— including the use of conditional expectation—is necessary.

EXPERIMENTAL CINEMA IN THE DIGITAL AGE

Bloomsbury Publishing Michael Le Grice, a pioneer of 'structural film' in the 1970s and whose first video and computer works were exhibited in the late 1960s, provides a collection of his most notable essays. The essays shed light on the work of other artists and film-makers and documents a period, especially the 70s, when artists' film was at the centre of polemical debate about the nature of avant-garde and the future of radical or experimental film. The book contributes to the contemporary debates about film, video, art and new technology.

FLYING OVER WATER

Merrell Pub Limited A unique investigation of the icons of man-made flight, these illustrations by Greenaway explore man's impossible dream of flying.

A HISTORY OF VIDEO ART

THE DEVELOPMENT OF FORM AND FUNCTION

Bloomsbury Academic Video Art is a critical introduction and guide to artists' video in both Europe and North America. It covers the period from the early 1960s -- when video art first appeared as a distinctive medium -- into the 1990s, when digital technology merged video's distinctive practice with that of independent film-making and photography. This artistic history is also a technological and a cultural history that sets its analysis of artistic practice firmly within the context of both the development of electronic imaging technology and the changing political and social climate. Richly illustrated, *Video Art* is essential reading for anyone interested in art history and contemporary art practice.

MOONWALKER

Oliver-Nelson Books Relates the early excitement and glamour in the life of astronaut Charlie Duke and his wife, recapping the exciting sequences of events that made up Apollo 16 and discussing the personal problems faced by he and his wife

THE WATER-CARRIER

LYRIC DRAMA IN THREE ACTS

PERFECT SEASON

Harper Collins In this sixth book of New York Times bestselling author Tim Green's gripping Football Genius series, Troy must fight hard to win big. Perfect for fans of Mike Lupica, Troy's dreams of the big time have backfired. Sure, he's moved to New Jersey to start his new job as "genius" for the New York Jets, but his dad has taken his entire salary, leaving Troy and his mom broke. Instead of going to the private school of his dreams and playing for a football powerhouse, he's going to be part of a team with an unbroken losing streak. But Troy isn't giving up without a fight. As soon as he convinces Seth to coach his public school team, Troy feels ready for a perfect season. But when his knack for calling plays slips and his abilities as a quarterback are threatened, he has to dig deep to prove all the naysayers wrong. And it will take all of Troy's football genius to get this team to a perfect season.

CHURCH MUSIC WORKSHOP

Church Music Workshop Magazine Volume 15.2

SCREEN/SPACE

THE PROJECTED IMAGE IN CONTEMPORARY ART

Manchester University Press Projected-image art occupies an increasingly important place in the contemporary art-world. But does the projected image have its own specificity, beyond the histories of experimental film and video on the one hand, and installation art on the other? What is a projected image, and what is the history of projected-image art? These questions and others are explored in this thoughtful collection of nine essays by leading international scholars of film and projected-image art. Clearly structured in three sections - "Histories," "Screen," "Space" -- the book argues for recognition of the projected image as a distinctive category in contemporary art, which demands new critical and theoretical approaches. The contributors explore a range of interpretive perspectives, offering new insights into the work of artists including Michael Snow, Carolee Schneemann, Pipilotti Rist, Stan Douglas, Gillian Wearing, Tacita Dean, Jane and Louise Wilson, amongst others. The Introduction supplies a concise summary of the history of projected-image art and its interpretation, and there is a focus throughout the book on detailed analysis of individual artworks.

ELECTRONICS CALCULATIONS DATA HANDBOOK

Elsevier Electronics Calculations Data Handbook is a unique handbook consisting of tables compiled as a labour-saving aid for electronics engineers, designers and technicians. The layout and content of these is designed to make them easy to use, and to contain the most valuable but tough to calculate information. Daniel McBrearty compiled this book as a result of bitter experience as an analog designer, initially prototyping and testing the ideas of other folk, and seeking to make those little changes that can make the difference between a good and really excellent circuit, and later doing the whole thing himself. If you don't know off the top of your head the best pair of E24 resistors to make an inverting op-amp stage of 18dB gain (and who does?) then this book will save you hours and protect your sanity in a world in which your calculator always goes missing, and you've forgotten the formula. All the key data needed by electronics designers, engineers and technicians Saves on hours of needless number-crunching Must-have information at a glance

ELECTROMAGNETIC ANALYSIS USING TRANSMISSION LINE VARIABLES

World Scientific Problems in electromagnetic propagation, especially those with complex geometries, have traditionally been solved using numerical methods, such as the method of finite differences. Unfortunately the mathematical methods suffer from a lack of physical appeal. The researcher or designer often loses sight of the physics underlying the problem, and changes in the mathematical formulation are often not identifiable with any physical change. This book employs a relatively new method for solving electromagnetic problems, one which makes use of a transmission line matrix (TLM). The propagation space is imagined to be filled with this matrix. The propagating fields and physical properties (for example, the presence of conductivity) are then mapped onto the matrix. Mathematically, the procedures are identical with the traditional numerical methods; however, the interpretation and physical appeal of the transmission line matrix are far superior. Any change in the matrix has an immediate physical significance. What is also very important is that the matrix becomes a launching pad for many improvements in the analysis (for example, the nature of coherent waves) using more modern notions of electromagnetic waves. Eventually, the purely mathematical techniques will probably give way to the transmission line matrix method. Contents: Introduction to Transmission Lines and Their Application to Electromagnetic Phenomena Notation and Mapping of Physical Properties Scattering Equations Corrections for Plane Wave and Anisotropy Effects Boundary Conditions and Dispersion Cell Discharge Properties and Integration of Transport Phenomena into the TLM Matrix Description of TLM Iteration SPICE Solutions Readership: Electrical engineers and physicists involved in electromagnetic propagation and analysis, as well as computer specialists involved in the development of advanced codes in electromagnetics. Keywords: Electromagnetics; Transmission Line; Node; Cell Matrix; Photoconductivity Semiconductor; Avalanche Effect; Coherence; Wave Propagation; Finite Difference Reviews: "The book treats the subject in a systematic manner giving the mathematical rigour necessary to describe the physical phenomena. The book is a useful work." Mathematics Abstracts

ELECTROMAGNETIC TRANSIENTS IN POWER CABLES

Springer Science & Business Media From the more basic concepts to the most advanced ones where long and laborious simulation models are required, *Electromagnetic Transients in Power Cables* provides a thorough insight into the study of electromagnetic transients and underground power cables. Explanations and demonstrations of different electromagnetic transient phenomena are provided, from simple lumped-parameter circuits to complex cable-based high voltage networks, as well as instructions on how to model the cables. Supported throughout by illustrations, circuit diagrams and simulation results, each chapter contains exercises, solutions and examples in order to develop a practical understanding of the topics. Harmonic analysis of cable-based networks and instructions on how to accurately model a cable-based network are also covered, including several "tricks" and workarounds to help less experienced engineers perform simulations and analyses more efficiently. *Electromagnetic Transients in Power Cables* is an invaluable resource for students and engineers new to the field, but also as a point of reference for more experienced industry professionals.

JULIAN ROSEFELDT

MANIFESTO

The thirteen part film installation *Manifesto*, produced by film and video artist Julian Rosefeldt is an homage to the explosive poetic power of key artist manifestos from the last 100 years. Australian actor Cate Blanchett plays 13 different characters who

ELECTROMAGNETIC FIELD THEORY FUNDAMENTALS

Cambridge University Press Guru and Hiziroglu have produced an accessible and user-friendly text on electromagnetics that will appeal to both students and professors teaching this course. This lively book includes many worked examples and problems in every chapter, as well as chapter summaries and background revision material where appropriate. The book introduces undergraduate students to the basic concepts of electrostatic and magnetostatic fields, before moving on to cover Maxwell's equations, propagation, transmission and radiation. Chapters on the Finite Element and Finite Difference method, and a detailed appendix on the Smith chart are additional enhancements. MathCad code for many examples in the book and a comprehensive solutions set are available at www.cambridge.org/9780521830164.

ELECTRONIC COMPONENTS AND TECHNOLOGY

CRC Press Most introductory textbooks in electronics focus on the theory while leaving the practical aspects to be covered in laboratory courses. However, the sooner such matters are introduced, the better able students will be to include such important concerns as parasitic effects and reliability at the very earliest stages of design. This philosophy has kept Electronic Components and Technology thriving for two decades, and this completely updated third edition continues the approach with a more international outlook. Not only does this textbook introduce the properties, behavior, fabrication, and use of electronic components, it also helps students grasp and apply sound engineering practice by incorporating in-depth discussions on topics such as safety and reliability. The author employs a holistic treatment that clearly demonstrates how electronic components and subsystems work together, reinforcing the concepts with numerous examples, case studies, problems, illustrations, and objectives. This edition was updated to reflect advances and changes to industrial practice, including packaging technologies, digital oscilloscopes, lead-free solders, and new battery technologies. Additionally, the text's scope now extends to include terminology and standards used worldwide. Including coverage of topics often ignored in other textbooks on the subject, Electronic Components and Technology, Third Edition encourages students to be better, more thoughtful designers and prepares them with current industrial practices.

ELECTRONIC DESIGN AUTOMATION

SYNTHESIS, VERIFICATION, AND TEST

Morgan Kaufmann This book provides broad and comprehensive coverage of the entire EDA flow. EDA/VLSI practitioners and researchers in need of fluency in an "adjacent" field will find this an invaluable reference to the basic EDA concepts, principles, data structures, algorithms, and architectures for the design, verification, and test of VLSI circuits. Anyone who needs to learn the concepts, principles, data structures, algorithms, and architectures of the EDA flow will benefit from this book. Covers complete spectrum of the EDA flow, from ESL design modeling to logic/test synthesis, verification, physical design, and test - helps EDA newcomers to get "up-and-running" quickly Includes comprehensive coverage of EDA concepts, principles, data structures, algorithms, and architectures - helps all readers improve their VLSI design competence Contains latest advancements not yet available in other books, including Test compression, ESL design modeling, large-scale floorplanning, placement, routing, synthesis of clock and power/ground networks - helps readers to design/develop testable chips or products Includes industry best-practices wherever appropriate in most chapters - helps readers avoid costly mistakes

ELECTROLYSIS

THEORY, TYPES, AND APPLICATIONS

Nova Science Pub Incorporated High temperature electrolysis (HTE), which is the highly efficient electrolysis of steam at high temperature and utilises the heat and electrical power supplied by advanced nuclear reactor, provides a very promising way for massive production of hydrogen in the future. This book provides an overview of HTE technology including its key characteristics and challenges of solid oxide electrolysis cell (SOEC) development. This book also examines the theory of electrical double layer, which is an essential electrochemical problem. The phenomenological theory of interfacial phenomena is also explored, with consideration of surface polarisation. Furthermore, the electrochemical reduction of nitrate has a great importance mainly for environmental and analytical purposes. This book provides a review of 225 papers dealing with the electrochemical reduction of nitrate. Other chapters introduce the application of electrochemical method for treatment of domestic wastewater and industrial wastewater, propose a novel point of view concerning some theoretical and practical aspects of isoelectric focusing, describe the electrochemical oxidation of strontium chloride (SrCl₂) to strontium chlorate employing a noble metal oxide coated anode and rotating stainless steel cathode, and report a preparation method suitable for requirements of industrial applications to graft active polymer films. Experimental studies on electrodeposition of silver-indium (Ag-In) alloys are also described, as well as the application of the electrochemical discharge phenomenon to synthetic chemistry, nanoparticle synthesis and micromachining.

ELECTROLYTIC IN-PROCESS DRESSING (ELID) TECHNOLOGIES

FUNDAMENTALS AND APPLICATIONS

CRC Press Edited by experts, one of whom developed the technology, Electrolytic In-Process Dressing (ELID) Technologies: Fundamentals and Applications provides an overview of ELID processes with correlations between the main parameters, describes ELID operations, and illustrates the concepts with case studies. The book's authoritative coverage of major concepts and applications of this emerging technology makes it a definitive reference. The book delineates the fundamentals, the chemistry and physics, and the hardware required by the process, then explores the application of ELID to different configurations of grinding. It discusses ELID grinding methods, lapping/grinding process, honing, and an original method of ELID grinding of free forms surfaces using an original design. The book also provides case studies in areas such as: Nano ultra-precision ELID and the latest developments in ELID nano-grinding Glass ceramic mirrors, small lens, and large scale optics New concept of micro-workshop, where all the machines tools and measurement devices are table-top machines with high accuracy Successful applications of ELID technology in the optics, semiconductor, mold and die, and micro-tools industries Surface modifications as a future method for obtaining complex modifications of surfaces by using ELID in combination with other methods Arguably the first comprehensive review of this emerging technology, this book combines information drawn from experts and the literature to provide a practical reference for the field. The editors have put together a resource that anticipates many of the questions that will arise from the investigation of ELID methods and applications.

ELECTRONIC HEALTH RECORD

STANDARDS, CODING SYSTEMS, FRAMEWORKS, AND INFRASTRUCTURES

John Wiley & Sons Discover How Electronic Health Records Are Built to Drive the Next Generation of Healthcare Delivery The increased role of IT in the healthcare sector has led to the coining of a new phrase "health informatics," which deals with the use of IT for better healthcare services. Health informatics applications often involve maintaining the health records of individuals, in digital form, which is referred to as an Electronic Health Record (EHR). Building and implementing an EHR infrastructure requires an understanding of healthcare standards, coding systems, and frameworks. This book provides an overview of different health informatics resources and artifacts that underlie the design and development of interoperable healthcare systems and applications. Electronic Health Record: Standards, Coding Systems, Frameworks, and Infrastructures compiles, for the first time, study and analysis results that EHR professionals previously had to gather from multiple sources. It benefits readers by giving them an understanding of what roles a particular healthcare standard, code, or framework plays in EHR design and overall IT-enabled healthcare services along with the issues involved. This book on Electronic Health Record: Offers the most comprehensive coverage of available EHR Standards including ISO, European Union Standards, and national initiatives by Sweden, the Netherlands, Canada, Australia, and many others Provides assessment of existing standards Includes a glossary of frequently used terms in the area of EHR Contains numerous diagrams and illustrations to facilitate comprehension Discusses security and reliability of data

ELECTROMECHANICAL SYSTEMS AND DEVICES

CRC Press Students entering today's engineering fields will find an increased emphasis on practical analysis, design, and control. They must be able to translate their advanced programming abilities and sound theoretical backgrounds into superior problem-solving skills. Electromechanical Systems and Devices facilitates the creation of critical problem-solvin

ELECTRON MICROGRAPHS OF CLAY MINERALS

Elsevier Electron micrographs of clay minerals

ELECTRONIC MEDIA CRITICISM

APPLIED PERSPECTIVES

Psychology Press Given the prominence of the electronic media in the 21st century, it is crucial that both media professionals and consumers know how to decipher and evaluate media content, the assumptions on which that content is based, and the constraints to which it is subject. *Electronic Media Criticism* offers a variety of critical approaches to audio and video discourse. Rather than restricting itself to one perspective, the book applies key aesthetic, sociological, philosophical, psychological, structural, and economic principles to arrive at a comprehensive evaluation of both programming and advertising content. Maintaining the approach of the original volume, this second edition includes: * updated chapters to reflect the current media world, including sample reviews and illustrations, * material pertaining to "new media"--because the book is process-oriented rather than medium-oriented, Internet referents are interspersed in discussion of the various critical perspectives, * two additional scripts for critical analysis--an episode of *The Simpsons* and an installment of the dark Canadian comedy *The Newsroom*, and * new exercises for further practice in applying critical procedures. Orlik interweaves the insights of industry and academic authorities, recognizing that both orientations are essential in the development of a valid and viable critical outlook. Written for media students and practitioners, all readers of this volume will gain feasible and flexible tools for focused and rational analysis of electronic media products, as well as improved understanding of the role and essential ingredients of criticism itself.

ELECTROMECHANICAL DEVICES & COMPONENTS ILLUSTRATED SOURCEBOOK

McGraw Hill Professional Get Quick Access to 2,000 Illustrations of Components and Devices Used in Electromechanical Machines and Systems! Ideal for all engineers and technicians who design, repair, and operate electromechanical equipment, *Electromechanical Devices and Components Illustrated Sourcebook* provides 2,000 illustrations of the most commonly used elements found in today's electromechanical machines and systems. This essential working tool contains detailed diagrams, drawn to scale, with relevant calculations and tabular information presented for easy reference. Packed with engineering examples and principles, this easy-to-use guide offers you a comprehensive overview of all the most important and fundamental electromechanical elements. The book includes on-target illustrations of power sources...acoustic devices...electrical controls...circuit breakers...connectors...fuses and motors...heating elements...mechanical switches and relays...vacuum tubes...meters...wire and conductors...sensors and transducers...and much more. *Electromechanical Devices and Components Illustrated Sourcebook* features: 2,000 illustrations of electromechanical components and devices Quick access to vital engineering information All diagrams drawn to scale, with calculations and tabular data Detailed explanations of elements, with graphs and formulae A broad range of engineering examples and principles A source of innovative ideas for design engineers This Time-Saving Engineering Tool Includes Illustrations of • Power Sources • Acoustic Devices • Magnetic Components • Electrical Controls _ Circuit Protection • Heating • Vacuum Tubes • Rotating Equipment • Meters • Connectors • Wire and Conductors • Lighting • Controlling Mechanical Movements • Sensors • Standards

ELECTRONIC SYSTEM-LEVEL HW/SW CO-DESIGN OF HETEROGENEOUS MULTI-PROCESSOR EMBEDDED SYSTEMS

River Publishers Modern electronic systems consist of a fairly heterogeneous set of components. Today, a single system can be constituted by a hardware platform, frequently composed of a mix of analog and digital components, and by several software application layers. The hardware can include several heterogeneous microprocessors (e.g. GPP, DSP, GPU, etc.), dedicated ICs (ASICs and/or FPGAs), memories, a set of local connections between the system components, and some interfaces between the system and the environment (sensors, actuators, etc.). Therefore, on the one hand, multi-processor embedded systems are capable of meeting the demand of processing power and flexibility of complex applications. On the other hand, such systems are very complex to design and optimize, so that the design methodology plays a major role in determining the success of the products. For these reasons, to cope with the increasing system complexity, the approaches typically used today are oriented towards co-design methodologies working at the higher levels of abstraction. Unfortunately, such methodologies are typically customized for the specific application, suffer of a lack of generality and still need a considerable effort when real-size project are envisioned. Therefore, there is still the need for a general methodology able to support the designer during the high-level steps of a co-design flow, enabling an effective design space exploration before tackling the low-level steps and thus committing to the final technology. This should prevent costly redesign loops. In such a context, the work described in this book, composed of two parts, aims at providing models, methodologies and tools to support each step of the co-design flow of embedded systems implemented by exploiting heterogeneous multi-processor architectures mapped on distributed systems, as well as fully integrated onto a single chip. The first part focuses on issues like the analysis of system specification languages, and the analysis of existing system-level HW/SW co-simulation methodologies to support heterogeneous multi-processor architectures. The second part focuses mainly on Design Space Exploration, and it presents both some theoretical advancements with respect to the first part, and the development of a prototypal framework that provides practical exploitation of the proposed concepts.

ELECTROMAGNETIC FIELD COMPUTATION BY NETWORK METHODS

Springer Science & Business Media In this monograph, the authors propose a systematic and rigorous treatment of electromagnetic field representations in complex structures. The architecture suggested in this book accommodates use of different numerical methods as well as alternative Green's function representations in each of the subdomains resulting from a partitioning of the overall problem. The subdomains are regions of space where electromagnetic energy is stored and are described in terms of equivalent circuit representations based either on lumped element circuits or on transmission lines. Connection networks connect the subcircuits representing the subdomains. The connection networks are lossless, don't store energy and represent the overall problem topology. This is similar to what is done in circuit theory and permits a phrasing of the solution of EM field problems in complex structures by Network-oriented methods.

ELECTRONIC IRAN

THE CULTURAL POLITICS OF AN ONLINE EVOLUTION

Rutgers University Press *Electronic Iran* introduces the concept of the Iranian Internet, a framework that captures interlinked, transnational networks of virtual and offline spaces. Taking her cues from early Internet ethnographies that stress the importance of treating the Internet as both a site and product of cultural production, accounts in media studies that highlight the continuities between old and new media, and a range of works that have made critical interventions in the field of Iranian studies, Niki Akhavan traces key developments and confronts conventional wisdom about digital media in general, and contemporary Iranian culture and politics in particular. Akhavan focuses largely on the years between 1998 and 2012 to reveal a diverse and combative virtual landscape where both geographically and ideologically dispersed individuals and groups deployed Internet technologies to variously construct, defend, and challenge narratives of Iranian national identity, society, and politics. While it tempers celebratory claims that have dominated assessments of the Iranian Internet, *Electronic Iran* is ultimately optimistic in its outlook. As it exposes and assesses overlooked aspects of the Iranian Internet, the book sketches a more complete map of its dynamic landscape, and suggests that the transformative powers of digital media can only be developed and understood if attention is paid to both the specificities of new technologies as well as the local and transnational contexts in which they appear.

ELECTROMAGNETIC NONDESTRUCTIVE EVALUATION (X)

IOS Press "This publication aims to discuss the technical advances and the developments of the basics of electromagnetic NDT. Though one of the main topics is the Eddy Current Testing which is put to practical use in industry now as one of the approved methods of crack detection in steels and metallic structures, *Electromagnetic Nondestructive Evaluation (X)* emphasizes magnetic NDE method according to the concept of NDE & Science Research Center. The book contains thirty-three technical papers, covering topics on eddy current testing and technique, industrial applications, new methods, NDE by magnetism and magnetics, inverse problem and benchmark. The material is important for scientists and engineers working in the field of electromagnetic nondestructive testing or nondestructive evaluation, in defect detection and sizing, as well as in material characterization."

ELEPHANT BUCKS

AN INSIDER'S GUIDE TO WRITING FOR TV SITCOMS

This comprehensive guide is for those who want to launch a career as a television sitcom writer and features detailed inside information on how to write scripts that will get noticed.

ELECTROMAGNETIC NONDESTRUCTIVE EVALUATION (VI)

IOS Press This work is a collection of papers on electromagnetic nondestructive evaluation. It discusses developments in the growing field of electromagnetic nondestructive evaluation methods. Topics include evaluation of degradation mechanism in magnetic materials.

ELECTROMAGNETIC FIELDS IN MECHATRONICS, ELECTRICAL AND ELECTRONIC ENGINEERING

PROCEEDINGS OF ISEF'05

IOS Press More and more researchers engage into investigation of electromagnetic applications, especially these connected with mechatronics, information technologies, medicine, biology and material sciences. It is readily seen when looking at the content of the book that computational techniques, which were under development during the last three decades and are still being developed, serve as good tools for discovering new electromagnetic phenomena. It means that the field of computational electromagnetics belongs to an application area rather than to a research area. This publication aims at joining theory and practice, thus the majority of papers are deeply rooted in engineering problems, being simultaneously of high theoretical level. The editors hope to touch the heart of the matter in electromagnetism. The book focuses on the following issues: Computational Electromagnetics; Electromagnetic Engineering; Coupled Field and Special Applications; Micro- and Special Devices; Bioelectromagnetics and Electromagnetic Hazard; and Magnetic Material Modeling.

ELECTROMAGNETIC MODELING BY FINITE ELEMENT METHODS

CRC Press Unlike any other source in the field, this valuable reference clearly examines key aspects of the finite element method (FEM) for electromagnetic analysis of low-frequency electrical devices. The authors examine phenomena such as nonlinearity, mechanical force, electrical circuit coupling, vibration, heat, and movement for applications in the elect

ELECTRONIC TROUBLESHOOTING, FOURTH EDITION

McGraw Hill Professional The Most Complete, Current Guide to Troubleshooting and Repairing Electrical and Electronic Devices "If it's electronic, and there is troubleshooting to be done, then this is the book to reach for!" --Dr. Simon Monk, bestselling author of *30 Arduino Projects for the Evil Genius and Hacking Electronics: An Illustrated DIY Guide for Makers and Hobbyists* "...an outstanding book on electronic troubleshooting with clear, concise, and concrete examples that anyone can relate to." --James Karagiannes, Ph.D. Physics, Associate Dean of Engineering and Information Sciences, DeVry University, Chicago Fully updated for the latest technologies, devices, test instruments, and problem-solving methods, the new edition of this practical resource provides you with the comprehensive information you need to troubleshoot today's electrical and electronic equipment. Inside you'll find new and enhanced coverage of: Wireless communications Embedded microprocessor systems Cutting-edge medical diagnostic equipment Advanced networking technologies The book uniquely blends traditional electrical theory and components with modern networking and electronic technology. Chapter-ending questions and problems test your understanding of the topics discussed. Filled with tables, charts, illustrations, graphs, and flowcharts, this is a must-have manual for anyone who works with electronics--at home or on the job. *Electronic Troubleshooting, Fourth Edition*, covers: Electric motors and generators Industrial controls Residential, commercial, and wireless communications Radio and television Digital circuits Combinational and sequential digital circuits Microprocessor-based systems Biomedical equipment Computer networking and network drives Embedded microprocessor systems