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KEY=DLP - ASHER FITZGERALD

SA Mining

South African Mining, Coal, Gold, and Base Minerals

Department of Defense Dictionary of Military and Associated Terms

Chips 2020

A Guide to the Future of Nanoelectronics

Springer Science & Business Media **The chips in present-day cell phones already contain billions of sub-100-nanometer transistors. By 2020, however, we will see systems-on-chips with trillions of 10-nanometer transistors. But this will be the end of the miniaturization, because yet smaller transistors, containing just a few control atoms, are subject to statistical fluctuations and thus no longer useful. We also need to worry about a potential energy crisis, because in less than five years from now, with current chip technology, the internet alone would consume the total global electrical power! This book presents a new, sustainable roadmap towards ultra-low-energy (femto-Joule), high-performance electronics. The focus is on the energy-efficiency of the various chip functions: sensing, processing, and communication, in a top-down spirit involving new architectures such as silicon brains, ultra-low-voltage circuits, energy harvesting, and 3D silicon technologies. Recognized world leaders from industry and from the research community share their views of this nanoelectronics future. They discuss, among other things, ubiquitous communication based on mobile companions, health and care supported by autonomous implants and by personal carebots, safe and efficient mobility assisted by co-pilots equipped with intelligent micro-electromechanical systems, and internet-based education for a billion people from kindergarden to retirement. This book should help and interest all those who will have to make decisions associated with future electronics: students, graduates, educators, and researchers, as well as managers, investors, and policy makers. Introduction: Towards Sustainable 2020 Nanoelectronics.- From Microelectronics to Nanoelectronics.- The Future of Eight Chip Technologies.- Analog-Digital Interfaces.- Interconnects and Transceivers.- Requirements and Markets for Nanoelectronics.- ITRS: The International Technology Roadmap for Semiconductors.- Nanolithography.- Power-Efficient Design Challenges.- Superprocessors and Supercomputers.- Towards Terabit Memories.- 3D Integration for Wireless Multimedia.- The Next-Generation Mobile User-Experience.- MEMS (Micro-Electro-Mechanical Systems) for Automotive and Consumer.- Vision Sensors and Cameras.- Digital Neural Networks for New Media.- Retinal Implants for Blind Patients.- Silicon Brains.- Energy Harvesting and Chip Autonomy.- The Energy Crisis.- The Extreme-Technology Industry.- Education and Research for the Age of Nanoelectronics.- 2020 World with Chips.**

3D Printing and Bio-Based Materials in Global Health

An Interventional Approach to the Global Burden of Surgical Disease in Low-and Middle-Income Countries

Springer This book examines the potential to deploy low-cost, three-dimensional printers known as RepRaps in developing countries to fabricate surgical instruments and medical supplies to combat the “global surgical burden of disease.” Approximately two billion people in developing countries around the world lack access to essential surgical services, resulting in the avoidable deaths of millions of individuals each year. A fundamental barrier that inhibits access to surgical care in these locations is the lack of basic surgical instruments and supplies in healthcare facilities. RepRap printers are highly versatile 3D printers assembled from basic, domestically sourced materials that can fabricate low-cost surgical instruments on-site, ultimately enhancing the interventional capacity of healthcare facilities to treat patients. Rather than focusing on one specific field of interest, this book takes an integrative approach that incorporates topics and methods from multiple disciplines ranging from global health and development economics to materials science and applied engineering. These topics include the feasibility of using bio-based plastics to fabricate surgical instruments via 3D printing sustainably, the application of “frugal innovation and engineering” in resource-poor settings, and analyses related to the social returns on investment, barriers to entry, and current and future medical device supply-chain paradigms. In taking a multi-disciplinary approach, the reader can gain a holistic understanding of the multiple facets related to implementing medical device innovations in developing countries.

Navigating the Digital Age

The Definitive Cybersecurity Guide for Directors and Officers

Welcome to the all-new second edition of Navigating the Digital Age. This edition brings together more than 50 leaders and visionaries from business, science, technology, government, academia, cybersecurity, and law enforcement. Each has contributed an exclusive chapter designed to make us think in depth about the ramifications of this digital world we are creating. Our purpose is to shed light on the vast possibilities that digital technologies present for us, with an emphasis on solving the existential challenge of cybersecurity. An important focus of the book is centered on doing business in the Digital Age—particularly around the need to foster a mutual understanding between technical and non-technical executives when it comes to the existential issues surrounding cybersecurity. This book has come together in three parts. In Part 1, we focus on the future of threat and risks. Part 2 emphasizes lessons from today's world, and Part 3 is designed to help you ensure you are covered today. Each part has its own flavor and personality, reflective of its goals and purpose. Part 1 is a bit more futuristic, Part 2 a bit more experiential, and Part 3 a bit more practical. How we work together, learn from our mistakes, deliver a secure and safe digital future—those are the elements that make up the core thinking behind this book. We cannot afford to be complacent. Whether you are a leader in business, government, or education, you should be knowledgeable, diligent, and action-oriented. It is our sincerest hope that this book provides answers, ideas, and inspiration. If we fail on the cybersecurity front, we put all of our hopes and aspirations at risk. So we start this book with a simple proposition: When it comes to cybersecurity, we must succeed.

Pressure Vessel Handbook

Massive MIMO Detection Algorithm and VLSI Architecture

[Springer](#) This book introduces readers to a reconfigurable chip architecture for future wireless communication systems, such as 5G and beyond. The proposed architecture perfectly meets the demands for future mobile communication solutions to support different standards, algorithms, and antenna sizes, and to accommodate the evolution of standards and algorithms. It employs massive MIMO detection algorithms, which combine the advantages of low complexity and high parallelism, and can fully meet the requirements for detection accuracy. Further, the architecture is implemented using ASIC, which offers high energy efficiency, high area efficiency and low detection error. After introducing massive MIMO detection algorithms and circuit architectures, the book describes the ASIC implementation for verifying the massive MIMO detection. In turn, it provides detailed information on the proposed reconfigurable architecture: the data path and configuration path for massive MIMO detection algorithms, including the processing unit, interconnections, storage mechanism, configuration information format, and configuration method.

Petroleum Production Engineering

[Gulf Professional Publishing](#) **Petroleum Production Engineering, Second Edition**, updates both the new and veteran engineer on how to employ day-to-day production fundamentals to solve real-world challenges with modern technology. Enhanced to include equations and references with today's more complex systems, such as working with horizontal wells, workovers, and an entire new section of chapters dedicated to flow assurance, this go-to reference remains the most all-inclusive source for answering all upstream and midstream production issues. Completely updated with five sections covering the entire production spectrum, including well productivity, equipment and facilities, well stimulation and workover, artificial lift methods, and flow assurance, this updated edition continues to deliver the most practical applied production techniques, answers, and methods for today's production engineer and manager. In addition, updated Excel spreadsheets that cover the most critical production equations from the book are included for download. Updated to cover today's critical production challenges, such as flow assurance, horizontal and multi-lateral wells, and workovers Guides users from theory to practical application with the help of over 50 online Excel spreadsheets that contain basic production equations, such as gas lift potential, multilateral gas well deliverability, and production forecasting Delivers an all-inclusive product with real-world answers for training or quick look up solutions for the entire petroleum production spectrum

Computing the Continuous Discretely

Integer-Point Enumeration in Polyhedra

[Springer](#) This richly illustrated textbook explores the amazing interaction between combinatorics, geometry, number theory, and analysis which arises in the interplay between polyhedra and lattices. Highly accessible to advanced undergraduates, as well as beginning graduate students, this second edition is perfect for a capstone course, and adds two new chapters, many new exercises, and updated open problems. For scientists, this text can be utilized as a self-contained tooling device. The topics include a friendly invitation to Ehrhart's theory of counting lattice points in polytopes, finite Fourier analysis, the Frobenius coin-exchange problem, Dedekind sums, solid angles, Euler-Maclaurin summation for polytopes, computational geometry, magic squares, zonotopes, and more. With more than 300 exercises and open research problems, the reader is an active participant, carried through diverse but tightly woven mathematical fields that are inspired by an innocently elementary question: What are the relationships between the continuous volume of a polytope and its discrete volume? Reviews of the first edition: "You owe it to yourself to pick up a copy of Computing the Continuous Discretely to read about a number of interesting problems in geometry, number theory, and combinatorics." — MAA Reviews "The book is written as an accessible and engaging textbook, with many examples, historical notes, pithy quotes, commentary integrating the material, exercises, open problems and an extensive bibliography." — Zentralblatt MATH "This beautiful book presents, at a level suitable for advanced undergraduates, a fairly complete introduction to the problem of counting lattice points inside a convex polyhedron." — Mathematical Reviews "Many departments recognize the need for capstone courses in which graduating students can see the tools they have acquired come together in some satisfying way. Beck and Robins have written the perfect text for such a course." — CHOICE

Digital Transformation and Public Services (Open Access) Societal Impacts in Sweden and Beyond

Routledge Through a series of studies, the overarching aim of this book is to investigate if and how the digitalization/digital transformation process affects various welfare services provided by the public sector, and the ensuing implications thereof. Ultimately, this book seeks to understand if it is conceivable for digital advancement to result in the creation of private/non-governmental alternatives to welfare services, possibly in a manner that transcends national boundaries. This study also investigates the possible ramifications of technological development for the public sector and the Western welfare society at large. This book takes its point of departure from the 2016 Organization for Economic Co-operation and Development (OECD) report that targets specific public service areas in which government needs to adopt new strategies not to fall behind. Specifically, this report emphasizes the focus on digitalization of health care/social care, education, and protection services, including the use of assistive technologies referred to as "digital welfare." Hence, this book explores the factors potentially leading to whether state actors could be overrun by other non-governmental actors, disrupting the current status quo of welfare services. The book seeks to provide an innovative, enriching, and controversial take on society at large and how various aspects of the public sector can be, and are, affected by the ongoing digitalization process in a way that is not covered by extant literature on the market. This book takes its point of departure in Sweden given the fact that Sweden is one of the most digitalized countries in Europe, according to the Digital Economy and Society Index (DESI), making it a pertinent research case. However, as digitalization transcends national borders, large parts of the subject matter take on an international angle. This includes cases from several other countries around Europe as well as the United States.

Crystal Growth Technology

Semiconductors and Dielectrics

John Wiley & Sons Semiconductors and dielectrics are two essential materials found in cell phones and computers, for example, and both are manufactured by growing crystals. Edited by the organizers of the International Workshop on Crystal Growth Technology, this ready reference is essential reading for materials scientists, chemists, physicists, computer hardware manufacturers, engineers, and those working in the chemical and semiconductor industries. They have assembled an international team of experts who present the current challenges, latest methods and new applications for producing these materials necessary for the electronics industry using bulk crystal growth technology. From the contents: * General aspects of crystal growth technology * Compound semiconductors * Halides and oxides * Crystal growth for sustaining energy * Crystal machining

Image and Signal Processing

9th International Conference, ICISP 2020, Marrakesh, Morocco, June 4–6, 2020, Proceedings

Springer Nature This volume constitutes the refereed proceedings of the 9th International Conference on Image and Signal Processing, ICISP 2020, which was due to be held in Marrakesh, Morocco, in June 2020. The conference was cancelled due to the COVID-19 pandemic. The 40 revised full papers were carefully reviewed and selected from 84 submissions. The contributions presented in this volume were organized in the following topical sections: digital cultural heritage & color and spectral imaging; data and image processing for precision agriculture; machine learning application and innovation; biomedical imaging; deep learning and applications; pattern recognition; segmentation and retrieval; mathematical imaging & signal processing.

HDTV For Dummies

[For Dummies](#) **Get HDTV and get connected without getting confused! Buy wisely, surround yourself with sound, watch your movies in HD, and more. If HDTV looks appealing but the mountain of mumbo-jumbo has you peeling out the door, take heart! Finally, here's a plain-English explanation of what HDTV is and how to choose one, hook it up, locate and access programming sources, and even how to connect your movie machines and Xbox for even more HD fun. Discover how to: Plan your HDTV system and choose the right equipment. Connect to programming sources. Add A/V entertainment gear and accessories. Access HDTV over your home network.**

Multimedia Content Analysis and Mining

International Workshop, MCAM 2007, Weihai, China, June 30-July 1, 2007, Proceedings

[Springer](#) **Prominent international experts came together to present and debate the latest findings in the field at the 2007 International Workshop on Multimedia Content Analysis and Mining. This volume includes forty-six papers from the workshop as well as thirteen invited papers. The papers cover a wide range of cutting-edge issues, including all aspects of multimedia in the fields of entertainment, commerce, science, medicine, and public safety.**

The Phantoms of Medical and Health Physics

Devices for Research and Development

[Springer Science & Business Media](#) **The purpose and subject of this book is to provide a comprehensive overview of all types of phantoms used in medical imaging, therapy, nuclear medicine and health physics. For ionizing radiation, dosimetry with respect to issues of material composition, shape, and motion/position effects are all highlighted. For medical imaging, each type of technology will need specific materials and designs, and the physics and indications will be explored for each type. Health physics phantoms are concerned with some of the same issues such as material heterogeneity, but also unique issues such as organ-specific radiation dose from sources distributed in other organs. Readers will be able to use this book to select the appropriate phantom from a vendor at a clinic, to learn from as a student, to choose materials for custom phantom design, to design dynamic features, and as a reference for a variety of applications. Some of the information enclosed is found in other sources, divided especially along the three categories of imaging, therapy, and health physics. To our knowledge, even though professionally, many medical physicists need to bridge the three categories described above.**

Earth Day

[Pebble Books](#) **Earth Day celebrates our beautiful planet and calls us to act on its behalf. Some people spend the day planting flowers or trees. Others organize neighborhood clean-ups, go on nature walks, or make recycled crafts. Readers will discover how a shared holiday can have multiple traditions and be celebrated in all sorts of ways.**

Sound & Vision

Advances in Computer, Information, and Systems Sciences, and Engineering

Proceedings of IETA 2005, TeNe 2005 and EIAE 2005

Springer Science & Business Media The conference proceedings of: International Conference on Industrial Electronics, Technology & Automation (IETA 05) International Conference on Telecommunications and Networking (TeNe 05) International Conference on Engineering Education, Instructional Technology, Assessment, and E-learning (EIAE 05) include a set of rigorously reviewed world-class manuscripts addressing and detailing state-of-the-art research projects in the areas of: Industrial Electronics, Technology and Automation, Telecommunications, Networking, Engineering Education, Instructional Technology and e-Learning. The three conferences, (IETA 05, TENE 05 and EIAE 05) were part of the International Joint Conference on Computer, Information, and System Sciences, and Engineering (CISSE 2005). CISSE 2005, the World's first Engineering/Computing and Systems Research E-Conference was the first high-caliber Research Conference in the world to be completely conducted online in real-time via the internet. CISSE received 255 research paper submissions and the final program included 140 accepted papers, from more than 45 countries. The whole concept and format of CISSE 2005 was very exciting and ground-breaking. The powerpoint presentations, final paper manuscripts and time schedule for live presentations over the web had been available for 3 weeks prior to the start of the conference for all registrants, so they could pick and choose the presentations they want to attend and think about questions that they might want to ask. The live audio presentations were also recorded and are part of the permanent CISSE archive, which includes all power point presentations, papers and recorded presentations. All aspects of the conference were managed on-line; not only the reviewing, submissions and registration processes; but also the actual conference. Conference participants - authors, presenters and attendees - only needed an internet connection and sound available on their computers in order to be able to contribute and participate in this international ground-breaking conference. The on-line structure of this high-quality event allowed academic professionals and industry participants to contribute work and attend world-class technical presentations based on rigorously refereed submissions, live, without the need for investing significant travel funds or time out of the office. Suffice to say that CISSE received submissions from more than 50 countries, for whose researchers, this opportunity presented a much more affordable, dynamic and well-planned event to attend and submit their work to, versus a classic, on-the-ground conference. The CISSE conference audio room provided superb audio even over low speed internet connections, the ability to display PowerPoint presentations, and cross-platform compatibility (the conferencing software runs on Windows, Mac, and any other operating system that supports Java). In addition, the conferencing system allowed for an unlimited number of participants, which in turn granted CISSE the opportunity to allow all participants to attend all presentations, as opposed to limiting the number of available seats for each session. The implemented conferencing technology, starting with the submission & review system and ending with the online conferencing capability, allowed CISSE to conduct a very high quality, fulfilling event for all participants. See: www.cissee2005.org, sections: IETA, TENE, EIAE

Fuzzy Set Theory — and Its Applications

Springer Science & Business Media

Business Communication: Concepts, Cases and Applications (for Chaudhary Charan Singh University)

Pearson Education India

F & S Index United States Annual

Anatomy for Urologic Surgeons in the Digital Era

Scanning, Modelling and 3D Printing

[Springer Nature](#)

Spectral, Photon Counting Computed Tomography

Technology and Applications

[CRC Press](#) **Spectral, Photon Counting Computed Tomography** is a comprehensive cover of the latest developments in the most prevalent imaging modality (x-ray computed tomography (CT)) in its latest incarnation: Spectral, Dual-Energy, and Photon Counting CT. Disadvantages of the conventional single-energy technique used by CT technology are that different materials cannot be distinguished and that the noise is larger. To address these problems, a novel spectral CT concept has been proposed. Spectral Dual-Energy CT (DE-CT) acquires two sets of spectral data, and Spectral Photon Counting CT (PC-CT) detects energy of x-ray photons to reveal additional material information of objects by using novel energy-sensitive, photon-counting detectors. The K-edge imaging may be a gateway for functional or molecular CT. The book covers detectors and electronics, image reconstruction methods, image quality assessments, a simulation tool, nanoparticle contrast agents, and clinical applications for spectral CT.

Windows 8 Bible

[John Wiley & Sons](#) **A comprehensive guide for both expert and inexperienced computer users covers all the helpful features that are new to Windows 8, in a book with instruction on every facet of the new operating system, as well as plenty of tips and tricks for becoming a power user. Original.**

Intelligent Tools for Building a Scientific Information Platform

[Springer Science & Business Media](#) **This book is a selection of results obtained within one year of research performed under SYNAT - a nation-wide scientific project aiming to create an infrastructure for scientific content storage and sharing for academia, education and open knowledge society in Poland. The selection refers to the research in artificial intelligence, knowledge discovery and data mining, information retrieval and natural language processing, addressing the problems of implementing intelligent tools for building a scientific information platform. The idea of this book is based on the very successful SYNAT Project Conference and the SYNAT Workshop accompanying the 19th International Symposium on Methodologies for Intelligent Systems (ISMIS 2011). The papers included in this book present an overview and insight into such topics as architecture of scientific information platforms, semantic clustering, ontology-based systems, as well as, multimedia data processing.**

Undersea Atrophia

[Geoffrey Morrison](#) **A great silence has settled upon a drowned world. In the final battle of their final war, the massive citysubs Universalis and Population reduced each other to ruins. One lays wrecked on the seafloor. The other, beached and lifeless, litters the island of pristine polar ice it tried to destroy. Pockets of survivors huddle together. On the frigid surface, Ralla Gattley and Thom Vargas cling to life and each other. Below, the soldier Geran Lo fights relentlessly to free trapped and drowning civilians. As they struggle against a world determined to kill them, a new and even more dangerous menace approaches. Undersea Atrophia is the second book in the Undersea Saga.**

Innovations and Interdisciplinary Solutions for Underserved Areas

Second International Conference, InterSol 2018, Kigali, Rwanda, March 24-25, 2018, Proceedings

This book constitutes the refereed post-conference proceedings of the Second International Conference on Innovations and Interdisciplinary Solutions for Underserved Areas, InterSol 2018, and the 7th Colloque National sur la Recherche en Informatique et ses Applications, CNRIA 2018, held in Kigali, Rwanda, in March 2018. The 23 papers presented were selected from 56 submissions and issue the following themes: papers dealing with the evolution of performances of solar systems in Africa, papers addressing the issues is public health, telecom papers studying the business model of telecommunication, math models presenting the climatic phenomenon and finally health papers dealing with medical devices that are suitable to underserved areas. The proceedings also contain 7 papers from the co-located 7th CNRIA (Colloque National sur la Recherche en Informatique et ses Applications) focusing on network architecture and security, software engineering, data management, and signal processing.

Hunter x Hunter, Vol. 27

Name

[VIZ Media LLC](#) The Hunters are getting beaten further and further into a corner by the powerful Chimera Ant King's Royal Guards. With teamwork on their side, they just may be able to overcome these impossible odds. But when they make sacrifices to save each other, it just might cost them the bigger battle at hand! -- VIZ Media

Electromagnetic Fields and Waves

Dictionary of Acronyms and Technical Abbreviations

For Information and Communication Technologies and Related Areas

[Springer Science & Business Media](#) This Dictionary covers information and communication technology (ICT), including hardware and software; information networks, including the Internet and the World Wide Web; automatic control; and ICT-related computer-aided fields. The Dictionary also lists abbreviated names of relevant organizations, conferences, symposia and workshops. This reference is important for all practitioners and users in the areas mentioned above, and those who consult or write technical material. This Second Edition contains 10,000 new entries, for a total of 33,000.

On Giants' Shoulders

Great Scientists and Their Discoveries from Archimedes to DNA

[Hachette UK](#) The fascinating story of science unfolds in this account of the lives and extraordinary discoveries of twelve of its greatest figures - Archimedes, Galileo, Newton, Lavoisier, Faraday, Darwin, Poincaré, Freud, Einstein, Marie Curie and Crick and Watson. Exploring their impact and legacy with leading scientists of today including Stephen Jay Gould, Oliver Sacks, Lewis Wolpert, Susan Greenfield, Roger Penrose and Richard Dawkins, Melvyn Bragg illuminates the core issues of science past and present, and conveys the excitement and importance of the scientific quest.

Answer Set Solving in Practice

Morgan & Claypool Publishers **Answer Set Programming (ASP)** is a declarative problem solving approach, initially tailored to modeling problems in the area of Knowledge Representation and Reasoning (KRR). More recently, its attractive combination of a rich yet simple modeling language with high-performance solving capacities has sparked interest in many other areas even beyond KRR. This book presents a practical introduction to ASP, aiming at using ASP languages and systems for solving application problems. Starting from the essential formal foundations, it introduces ASP's solving technology, modeling language and methodology, while illustrating the overall solving process by practical examples

3D Displays and Spatial Interaction

Exploring the Science, Art, Evolution and Use of 3D Technologies

Encyclopedia of the Documentary Film

This encyclopedia examines individual films and the careers of individual film makers, it also provides overview articles of national and regional documentary film history. It explains concepts and themes in the study of documentary film, the techniques used in making films, and the institutions that support their production.

Encyclopedia of Computer Science

Wiley **The Encyclopedia of Computer Science** is the definitive reference in computer science and technology. First published in 1976, it is still the only single volume to cover every major aspect of the field. Now in its Fourth Edition, this influential work provides an historical timeline highlighting the key breakthroughs in computer science and technology, as well as clear and concise explanations of the latest technology and its practical applications. Its unique blend of historical perspective, current knowledge and predicted future trends has earned it its richly deserved reputation as an unrivalled reference classic. What sets the Encyclopedia apart from other reference sources is the comprehensiveness of each of its entries. Encompassing far more than mere definitions, each article elaborates on a topic giving a remarkable breadth and depth of coverage. The visual impact of the volume is enhanced with a 16 page colour insert spotlighting advanced computer applications and computer-generated graphics technology. In addition, the text is enlivened with figures, tables, diagrams, illustrations and photographs. With contributions from over 300 international experts, the 4th Edition contains over 100 completely new articles ranging from artificial life to computer ethics, data mining to Java, mobile computing to quantum computing and software safety to the World Wide Web. In addition, each of the more than 600 articles have been extensively revised, expanded and updated to reflect the latest developments in computer science and technology. Intelligently and thoughtfully organised, all the articles are classified around 9 main themes Hardware Software Computer Systems Information and Data Mathematics of Computing Theory of Computation Methodologies Applications Computing Milieux Within each of these major headings are a wealth of articles that provide the reader with concise yet thorough coverage of the topic. In addition, cross-references are included at the beginning of each article, directing the reader immediately to related material. In addition the Encyclopedia contains useful appendices including: An expanded glossary of major terms in English, German, Spanish and Russian A revised list of abbreviations and acronyms An updated list of computer science and engineering research journals A list of articles from previous editions not included in the 4th edition A Name Index listing almost 3500 individuals cited in the text A comprehensive General Index with 7000 entries A chronology of significant milestones Computer Society & Academic Computer Science Department Listings Numerical Tables, Mathematical Notation and Units of Measure Highly-regarded as an essential resource for computer professionals, engineers, mathematicians, students and scientists, the Encyclopedia of Computer Science is a must-have reference for every college, university, business and high-school library.

The Underground Guide to Color Printers

Slightly Askew Advice on Getting the Best from Any Color Printer

Addison-Wesley Provides an overview of the various color printing technologies; practical advice on taking the best advantage of color; and special tips on paper, drivers, programs, and settings. Original. (All Users).

TV Repair for Beginners

McGraw Hill Professional With a minimum of technical jargon, this best-selling guide shows and tells you how to troubleshoot and repair the most common TV problems—and avoid expensive repair bills! Even if your previous technical experience is limited to clicking the remote, this book can show you how to pinpoint your TV's problem and fix it—using just a few basic tools. This revised edition features a wealth of timely and practical new material on upgrades, too. You get information on universal remote transmitters, stereo TV, digital controls, new color circuits and picture tube sizes, and installing digital satellite receivers. A new "Symptoms and Causes" chapter makes troubleshooting quicker and easier than ever.

Peter Norton's Introduction to Computers

Simon & Schuster Books For Young Readers Peter Norton is a pioneering software developer and author. Norton's desktop for windows, utilities, backup, antivirus, and other utility programs are installed on millions of PCs worldwide. His inside the IBM PC and DOS guide have helped millions of people understand computers from the inside out. Peter Norton's introduction to computers incorporates features not found in other introductory programs. Among these are the following: Focus on the business-computing environment for the 1990s and beyond, avoiding the standard 'MIS approach.': A 'glass-box' rather than the typical 'black-box' view of computers-encouraging students to explore the computer from the inside out.

Radar Instruction Manual

Since 1958 the Maritime Administration has continuously conducted instructions in use of collision avoidance radar for qualified U.S. seafaring personnel and representatives of interested Federal and State Agencies. Beginning in 1963, to facilitate the expansion of training capabilities and at the same time to provide the most modern techniques in training methods, radar simulators were installed in Maritime Administration's three region schools. It soon became apparent that to properly instruct the trainees, even with the advanced equipment, a standardize up-to-date instruction manual was needed. The first manual was later revised to serve both as a classroom textbook and as an onboard reference handbook. This newly updated manual, the fourth revision, in keeping with Maritime Administration policy, has been restructured to include improved and more effective methods of plotting techniques for use in Ocean, Great Lakes, Coastwise and Inland Waters navigation. Robert J. Blackwell Assistant Secretary for Maritime Affairs

David Busch's Nikon D700 Guide to Digital SLR Photography

Cengage Learning Each book offers an introduction to a particular digital SLR camera, then explores a number of shooting situations, recommending how to get the best possible shots, in a series where each entry includes full-color photos and tips and information not found in the user's manual.