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KEY=GUIDE - PHOEBE HARRISON

National Electrical Code 2017 [Cengage Learning](#) **NFPA 70 National Electrical Code (NEC)** sets the foundation for electrical safety in residential, commercial, and industrial occupancies. The 2017 edition of this trusted Code presents the latest comprehensive regulations for electrical wiring, overcurrent protection, grounding, and installation of equipment.

Building Embedded Linux Systems "O'Reilly Media, Inc." **Linux®** is being adopted by an increasing number of embedded systems developers, who have been won over by its sophisticated scheduling and networking, its cost-free license, its open development model, and the support offered by rich and powerful programming tools. While there is a great deal of hype surrounding the use of Linux in embedded systems, there is not a lot of practical information. **Building Embedded Linux Systems** is the first in-depth, hard-core guide to putting together an embedded system based on the Linux kernel. This indispensable book features arcane and previously undocumented procedures for: Building your own GNU development toolchain Using an efficient embedded development framework Selecting, configuring, building, and installing a target-specific kernel Creating a complete target root filesystem Setting up, manipulating, and using solid-state storage devices Installing and configuring a bootloader for the target Cross-compiling a slew of utilities and packages Debugging your embedded system using a plethora of tools and techniques Details are provided for various target architectures and hardware configurations, including a thorough review of Linux's support for embedded hardware. All explanations rely on the use of open source and free software packages. By presenting how to build the operating system components from pristine sources and how to find more documentation or help, this book greatly simplifies the task of keeping complete control over one's embedded operating system, whether it be for technical or

sound financial reasons. Author Karim Yaghmour, a well-known designer and speaker who is responsible for the Linux Trace Toolkit, starts by discussing the strengths and weaknesses of Linux as an embedded operating system. Licensing issues are included, followed by a discussion of the basics of building embedded Linux systems. The configuration, setup, and use of over forty different open source and free software packages commonly used in embedded Linux systems are also covered. uClibc, BusyBox, U-Boot, OpenSSH, tftpd, tftp, strace, and gdb are among the packages discussed. Computerworld Buyer's Guide Computer Systems PC Mag PCMag.com is a leading authority on technology, delivering Labs-based, independent reviews of the latest products and services. Our expert industry analysis and practical solutions help you make better buying decisions and get more from technology. Networking Fundamentals [John Wiley & Sons](#) A clear and concise resource on Windows networking, perfect for IT beginners Did you know that nearly 85% of IT support roles require a good understanding of networking concepts? If you are looking to advance your IT career, you will need a foundational understanding of Windows networking. Network Fundamentals covers everything you need to know about network infrastructures, hardware, protocols, and services. You will learn everything you need to gain the highly in-demand Networking Fundamentals MTA Certification. This entry-level credential could be your first step into a rewarding, stable and lucrative IT career. This new Sybex guide covers the basics of networking starting from the "ground level," so no previous IT knowledge is required. Each chapter features approachable discussion of the latest networking technologies and concepts, closing with a quiz so you can test your knowledge before moving to the next section. Even if you are brand new to computers, Network Fundamentals will guide you to confidence and mastery. Understand wired and wireless networks in every detail Learn everything you need to attain the Networking Fundamentals MTA Certification Test your knowledge with end-of-chapter quiz questions Understand internet protocol (IP) and categorize IPv4 addresses Work with networking services and area networks Define network infrastructures and network security, including intranets, extranets, and VPNs Beginning and established IT professionals looking to understand more about networking will gain the knowledge to create a network diagram and confidently explain basic networking concepts. Thanks to the features in this book, you will be able to apply your new networking skills in real world situations and feel confident when taking the certification test. Reference Manual for Telecommunications Engineering, 2 Volume Set [Wiley-Interscience](#) Contains a compendium of the most frequently used data in day-to-day telecommunications engineering work: tables, graphs, figures, formulae, nomograms, performance curves, standards highlights, constants and statistics. Designed for easy and rapid access. Comprehensive reference for designing, building, purchasing, using or maintaining all kinds of telecommunications systems. Central source of information on transmission, switching, traffic engineering, numbering, signaling, noise,

modulation and forward error correction. [Electronic Access Control Elsevier](#) [Electronic Access Control](#) introduces the fundamentals of electronic access control through clear, well-illustrated explanations. Access Control Systems are difficult to learn and even harder to master due to the different ways in which manufacturers approach the subject and the myriad complications associated with doors, door frames, hardware, and electrified locks. This book consolidates this information, covering a comprehensive yet easy-to-read list of subjects that every Access Control System Designer, Installer, Maintenance Tech or Project Manager needs to know in order to develop quality and profitable Alarm/Access Control System installations. Within these pages, Thomas L. Norman - a master at electronic security and risk management consulting and author of the industry reference manual for the design of Integrated Security Systems - describes the full range of EAC devices (credentials, readers, locks, sensors, wiring, and computers), showing how they work, and how they are installed. A comprehensive introduction to all aspects of electronic access control Provides information in short bursts with ample illustrations Each chapter begins with outline of chapter contents and ends with a quiz May be used for self-study, or as a professional reference guide [Analysis and Design of Automotive Brake Systems OZONE A new medical drug Springer Science & Business Media](#) [Oxygen-Ozone therapy](#) is a complementary approach less known than homeopathy and acupuncture because it has come of age only three decades ago. This book clarifies that, in the often nebulous field of natural medicine, the biological bases of ozone therapy are totally in line with classical biochemistry, physiological and pharmacological knowledge. Ozone is an oxidizing molecule, a sort of super active oxygen, which, by reacting with blood components generates a number of chemical messengers responsible for activating crucial biological functions such as oxygen delivery, immune activation, release of hormones and induction of antioxidant enzymes, which is an exceptional property for correcting the chronic oxidative stress present in atherosclerosis, diabetes and cancer. Moreover, by inducing nitric oxide synthase, ozone therapy may mobilize endogenous stem cells, which will promote regeneration of ischemic tissues. The description of these phenomena offers the first comprehensive picture for understanding how ozone works and why. When properly used as a real drug within therapeutic range, ozone therapy does not only does not procure adverse effects but yields a feeling of wellness. Half the book describes the value of ozone treatment in several diseases, particularly cutaneous infection and vascular diseases where ozone really behaves as a “wonder drug”. The book has been written for clinical researchers, physicians and ozone therapists, but also for the layman or the patient interested in this therapy. [Human Viruses: Diseases, Treatments and Vaccines The New Insights Springer Nature](#) This book discusses current evidence on human viruses and provides an extensive coverage of newly emerged viruses and current strategies for treatment. Offering a new perspective in view of the re-emergence of Ebola in African countries

and Dengue in India and Pakistan, the contents include chapters on emergence, pathogenicity, epidemiology and vaccine uptake. **Human Viruses: Diseases, Treatments and Vaccines: The New Insights** discusses a range of viruses from the most common such as Influenza and Hepatitis to Zika, Poliomyelitis and Chikungunya among many others. It is authored by a team of experts on viral disease and will be of immense use to virologists, public health experts and clinicians. **Electronic Design An Introduction to Multivariate Statistical Analysis** [Wiley-Interscience](#) Perfected over three editions and more than forty years, this field- and classroom-tested reference: * Uses the method of maximum likelihood to a large extent to ensure reasonable, and in some cases optimal procedures. * Treats all the basic and important topics in multivariate statistics. * Adds two new chapters, along with a number of new sections. * Provides the most methodical, up-to-date information on MV statistics available. **3D Imaging, Analysis and Applications** [Springer Nature](#) This textbook is designed for postgraduate studies in the field of 3D Computer Vision. It also provides a useful reference for industrial practitioners; for example, in the areas of 3D data capture, computer-aided geometric modelling and industrial quality assurance. This second edition is a significant upgrade of existing topics with novel findings. Additionally, it has new material covering consumer-grade RGB-D cameras, 3D morphable models, deep learning on 3D datasets, as well as new applications in the 3D digitization of cultural heritage and the 3D phenotyping of crops. Overall, the book covers three main areas: ● 3D imaging, including passive 3D imaging, active triangulation 3D imaging, active time-of-flight 3D imaging, consumer RGB-D cameras, and 3D data representation and visualisation; ● 3D shape analysis, including local descriptors, registration, matching, 3D morphable models, and deep learning on 3D datasets; and ● 3D applications, including 3D face recognition, cultural heritage and 3D phenotyping of plants. 3D computer vision is a rapidly advancing area in computer science. There are many real-world applications that demand high-performance 3D imaging and analysis and, as a result, many new techniques and commercial products have been developed. However, many challenges remain on how to analyse the captured data in a way that is sufficiently fast, robust and accurate for the application. Such challenges include metrology, semantic segmentation, classification and recognition. Thus, 3D imaging, analysis and their applications remain a highly-active research field that will continue to attract intensive attention from the research community with the ultimate goal of fully automating the 3D data capture, analysis and inference pipeline. **Hausdorff Calculus Applications to Fractal Systems** [Walter de Gruyter GmbH & Co KG](#) This book introduces the fundamental concepts, methods, and applications of Hausdorff calculus, with a focus on its applications in fractal systems. Topics such as the Hausdorff diffusion equation, Hausdorff radial basis function, Hausdorff derivative nonlinear systems, PDE modeling, statistics on fractals, etc. are discussed in detail. It is an essential reference for researchers in mathematics, physics, geomechanics, and mechanics. **Bioinformatics for**

Geneticists [John Wiley & Sons](#) **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.**

Neutron Scattering from Magnetic Materials [Elsevier](#) **Neutron Scattering from Magnetic Materials is a comprehensive account of the present state of the art in the use of the neutron scattering for the study of magnetic materials. The chapters have been written by well-known researchers who are at the forefront of this field and have contributed directly to the development of the techniques described. Neutron scattering probes magnetic phenomena directly. The generalized magnetic susceptibility, which can be expressed as a function of wave vector and energy, contains all the information there is to know about the statics and dynamics of a magnetic system and this quantity is directly related to the neutron scattering cross section. Polarized neutron scattering techniques raise the sophistication of measurements to even greater levels and gives additional information in many cases. The present book is largely devoted to the application of polarized neutron scattering to the study of magnetic materials. It will be of particular interest to graduate students and researchers who plan to investigate magnetic materials using neutron scattering. · Written by a group of scientist who have contributed directly in developing the techniques described. · A complete treatment of the polarized neutron scattering not available in literature. · Gives practical hits to solve magnetic structure and determine exchange interactions in magnetic solids. · Application of neutron scattering to the study of the novel electronic materials.**

Pressure Injury, Diabetes and Negative Pressure Wound Therapy [Springer Nature](#) **This book introduces readers to the latest developments regarding pressure injury wounds, diabetic wounds, and negative pressure wound therapy. The first part exclusively deals with wounds from pressure ulcers, describing in detail their prevention, classification, and treatment. In turn, chapters addressing diabetic wounds form the middle part of the book. Here, the authors provide guidance on the medication and treatment (e.g. stem cells, laser) of patients suffering from this disease. The book's last part, which focuses on negative pressure wound therapy, addresses all major aspects of this approach, reflecting the latest research. Illustrated with a wealth of high-quality pictures throughout, the book offers a unique resource for both beginners and experienced plastic surgeons.**

Magnetic Bearings Theory, Design, and Application to Rotating Machinery [Springer Science & Business Media](#) **Compiling the expertise of nine pioneers of the field, Magnetic Bearings - Theory, Design, and Application to Rotating Machinery**

offers an encyclopedic study of this rapidly emerging field with a balanced blend of commercial and academic perspectives. Every element of the technology is examined in detail, beginning at the component level and proceeding through a thorough exposition of the design and performance of these systems. The book is organized in a logical fashion, starting with an overview of the technology and a survey of the range of applications. A background chapter then explains the central concepts of active magnetic bearings while avoiding a morass of technical details. From here, the reader continues to a meticulous, state-of-the-art exposition of the component technologies and the manner in which they are assembled to form the AMB/rotor system. These system models and performance objectives are then tied together through extensive discussions of control methods for both rigid and flexible rotors, including consideration of the problem of system dynamics identification. Supporting this, the issues of system reliability and fault management are discussed from several useful and complementary perspectives. At the end of the book, numerous special concepts and systems, including micro-scale bearings, self-bearing motors, and self-sensing bearings, are put forth as promising directions for new research and development. Newcomers to the field will find the material highly accessible while veteran practitioners will be impressed by the level of technical detail that emerges from a combination of sophisticated analysis and insights gleaned from many collective years of practical experience. An exhaustive, self-contained text on active magnetic bearing technology, this book should be a core reference for anyone seeking to understand or develop systems using magnetic bearings.

WiMAX Technology for Broadband Wireless Access [John Wiley & Sons](#) **WiMAX Broadband Wireless Access Technology**, based on the IEEE 802.16 standard, is at the origin of great promises for many different markets covering fixed wireless Internet Access, Backhauling and Mobile cellular networks. WiMAX technology is designed for the transmission of multimedia services (voice, Internet, email, games and others) at high data rates (of the order of Mb/s per user). It is a very powerful but sometimes complicated technique. The WiMAX System is described in thousands of pages of IEEE 802.16 standard and amendments documents and WiMAX Forum documents. **WiMAX: Technology for Broadband Wireless Access** provides a global picture of WiMAX and a large number of details that makes access to WiMAX documents much easier. All the aspects of WiMAX are covered. Illustrations and clear explanations for all the main procedures of WiMAX are pedagogically presented in a succession of relatively short chapters. Topics covered include WiMAX genesis and framework, WiMAX topologies, protocol layers, MAC layer, MAC frames, WiMAX multiple access, the physical layer, QoS Management, Radio Resource Management, Bandwidth allocation, Network Architecture, Mobility and Security. Features a glossary of abbreviations and their definitions, and a wealth of explanatory tables and figures. Highlights the most recent changes, including the 802.16e amendment of the standard, needed for Mobile WiMAX. Includes

technical comparisons of WiMAX vs. 802.11 (WiFi) and cellular 3G technologies This technical introduction to WiMAX, explaining the rather complex standards (IEEE 802.16-2004 and 802.16e) is a must read for engineers, decision-makers and students interested in WiMAX, as well as other researchers and scientists from this evolving field. PC Magazine

The Independent Guide to IBM-standard Personal Computing Optical Networking Best Practices Handbook [John Wiley & Sons](#) **Optical Networking Best Practices Handbook** presents optical networking in a very comprehensive way for nonengineers needing to understand the fundamentals of fiber, high-capacity, high-speed equipment and networks, and upcoming carrier services. The book provides a practical understanding of fiber optics as a physical medium, sorting out single-mode versus multi-mode and the crucial concept of Dense Wave-Division Multiplexing. **Digital Microwave Communication Engineering Point-to-Point Microwave Systems** [John Wiley & Sons](#) The first book to cover all engineering aspects of microwave communication path design for the digital age Fixed point-to-point microwave systems provide moderate-capacity digital transmission between well-defined locations. Most popular in situations where fiber optics or satellite communication is impractical, it is commonly used for cellular or PCS site interconnectivity where digital connectivity is needed but not economically available from other sources, and in private networks where reliability is most important. Until now, no book has adequately treated all engineering aspects of microwave communications in the digital age. This important new work provides readers with the depth of knowledge necessary for all the system engineering details associated with fixed point-to-point microwave radio path design: the why, what, and how of microwave transmission; design objectives; engineering methodologies; and design philosophy (in the bid, design, and acceptance phase of the project). Written in an easily accessible format, **Digital Microwave Communication** features an appendix of specialized engineering details and formulas, and offers up chapter coverage of: A Brief History of Microwave Radio Microwave Radio Overview System Components Hypothetical Reference Circuits Multipath Fading Rain Fading Reflections and Obstructions Network Reliability Calculations Regulation of Microwave Radio Networks Radio Network Performance Objectives Designing and Operating Microwave Systems Antennas Radio Diversity Ducting and Obstruction Fading Digital Receiver Interference Path Performance Calculations **Digital Microwave Communication: Engineering Point-to-Point Microwave Systems** will be of great interest to engineers and managers who specify, design, or evaluate fixed point-to-point microwave systems associated with communications systems and equipment manufacturers, independent and university research organizations, government agencies, telecommunications services, and other users. From Sounds to Music and Emotions 9th International Symposium CMMR 2012, London, UK, June 19-22, 2012, Revised Selected Papers [Springer](#) This book constitutes the thoroughly refereed post-conference proceedings of the 9th International Symposium on Computer Music Modeling and Retrieval, CMMR

2012, held in London, UK, in June 2012. The 28 revised full papers presented were carefully reviewed and selected for inclusion in this volume. The papers have been organized in the following topical sections: music emotion analysis; 3D audio and sound synthesis; computer models of music perception and cognition; music emotion recognition; music information retrieval; film soundtrack and music recommendation; and computational musicology and music education. The volume also includes selected papers from the Cross-Disciplinary Perspectives on Expressive Performance Workshop held within the framework of CMMR 2012.

The Shadow Factory The Ultra-Secret NSA from 9/11 to the Eavesdropping on America [Anchor](#) James Bamford has been the preeminent expert on the National Security Agency since his reporting revealed the agency's existence in the 1980s. Now Bamford describes the transformation of the NSA since 9/11, as the agency increasingly turns its high-tech ears on the American public. The Shadow Factory reconstructs how the NSA missed a chance to thwart the 9/11 hijackers and details how this mistake has led to a heightening of domestic surveillance. In disturbing detail, Bamford describes exactly how every American's data is being mined and what is being done with it. Any reader who thinks America's liberties are being protected by Congress will be shocked and appalled at what is revealed here.

Intracranial Atherosclerosis [John Wiley & Sons](#) Intracranial atherosclerosis is the dominant cause of stroke in over 70% of the world's population. Globalization is leading to an increasingly heterogeneous society everywhere. Advances in imaging technology allow this previously inaccessible pathology to be clinically studied. Edited by internationally renowned clinicians, **Intracranial Atherosclerosis** is the first book to examine intracranial causes of stroke. Clinical practice is allied with basic science to guide all those with an interest in stroke on the diagnosis and management of intracranial atherosclerosis.

Mobile Broadband Including WiMAX and LTE [Springer Science & Business Media](#) This book addresses the emerging technology for Orthogonal Frequency Division Multiple Access (OFDMA), covering OFDMA physical layer as well as network technology. The book also includes information on IEEE 802.16e and WiMAX networks and also offers a comparison with other OFDMA technologies. OFDMA is the fastest growing area in the wireless marketplace, and the backbone of systems used in WiMAX. WiMAX is the technology that enables wireless users to communicate at any time from any location without having to find a WiFi hotspot.

Cyber Crime Investigations Bridging the Gaps Between Security Professionals, Law Enforcement, and Prosecutors [Elsevier](#) Written by a former NYPD cyber cop, this is the only book available that discusses the hard questions cyber crime investigators are asking. The book begins with the chapter "What is Cyber Crime? This introductory chapter describes the most common challenges faced by cyber investigators today. The following chapters discuss the methodologies behind cyber investigations; and frequently encountered pitfalls. Issues relating to cyber crime definitions, the electronic crime scene, computer forensics, and preparing and presenting a

cyber crime investigation in court will be examined. Not only will these topics be generally be discussed and explained for the novice, but the hard questions —the questions that have the power to divide this community— will also be examined in a comprehensive and thoughtful manner. This book will serve as a foundational text for the cyber crime community to begin to move past current difficulties into its next evolution. This book has been written by a retired NYPD cyber cop, who has worked many high-profile computer crime cases Discusses the complex relationship between the public and private sector with regards to cyber crime Provides essential information for IT security professionals and first responders on maintaining chain of evidence Magnetism and Synchrotron Radiation New Trends [Springer Science & Business Media](#) Advances in the synthesis of new materials with often complex, nano-scaled structures require increasingly sophisticated experimental techniques that can probe the electronic states, the atomic magnetic moments and the magnetic microstructures responsible for the properties of these materials. At the same time, progress in synchrotron radiation techniques has ensured that these light sources remain a key tool of investigation, e.g. synchrotron radiation sources of the third generation are able to support magnetic imaging on a sub-micrometer scale. With the Fifth Mittelwihr School on Magnetism and Synchrotron Radiation the tradition of teaching the state-of-the-art on modern research developments continues and is expressed through the present set of extensive lectures provided in this volume. While primarily aimed at postgraduate students and newcomers to the field, this volume will also benefit researchers and lecturers actively working in the field. InfoWorld ShaderX2 Shader Programming Tips and Tricks with DirectX 9.0 [Wordware](#) Topics include advanced implementation of image space techniques and non-photorealistic rendering in Microsoft's DirectX 9.0 Cameroon Joint Staff Assessment of the Poverty Reduction Strategy Paper [INTERNATIONAL MONETARY FUND](#) The Poverty Reduction Strategy Paper (PRSP) assesses the main exogenous and endogenous risks affecting the implementation of the strategy, including terms-of-trade shocks and absorptive capacity weaknesses. The medium-term expenditure framework identifies the priorities and needs of the country to meet the Millennium Development Goals. The PRSP provides extensive sensitivity analysis of the impact of the main exogenous risks. The effective channeling of the resources freed from debt relief in favor of growth-enhancing and social development programs constitute a critical challenge for the government. Computational Genome Analysis An Introduction [Springer Science & Business Media](#) This book presents the foundations of key problems in computational molecular biology and bioinformatics. It focuses on computational and statistical principles applied to genomes, and introduces the mathematics and statistics that are crucial for understanding these applications. The book features a free download of the R software statistics package and the text provides great crossover material that is interesting and accessible to students in biology, mathematics, statistics and computer science. More than 100 illustrations and

diagrams reinforce concepts and present key results from the primary literature. Exercises are given at the end of chapters. **A New Architecture for Functional Grammar** [Walter de Gruyter](#) This volume, which represents a major advance on Simon Dik's final statement of the theory (1997), lays the foundation for the future evolution of FG towards a Functional Discourse Grammar. It rises to the double challenge of specifying the interface between discourse and grammar and of detailing the expression rules that link semantic representation and morphosyntactic form. The opening chapter, by Kees Hengeveld, sets out in programmatic form a new architecture for FG which both preserves the best of the traditional model and offers a place for numerous recent insights. The remaining chapters are devoted to refining and developing the programme laid down by Hengeveld, bringing in data from a range of languages as well as theoretical insights inspired by adjoining frameworks. Of special interest are an account by Matthew Anstey of how current proposals arise from the history of FG and various chapters in which the model is brought much closer to an account of real-time language production, notably including the first ever detailed account of the workings of expression rules, by Dik Bakker and Anna Siewierska. The final chapter, also by Hengeveld, draws together the findings of the various chapters, culminating in an elaborated model that represents the most sophisticated statement of Functional Grammar currently available. The volume thus gives a coherent account of FG as a theory which combines formal explicitness with a broad account of language functions.

The Evolutionary Biology of Flies [Columbia University Press](#) Flies (Diptera) have had an important role in deepening scientists' understanding of modern biology and evolution. The study of flies has figured prominently in major advances in the fields of molecular evolution, physiology, genetics, phylogenetics, and ecology over the last century. This volume, with contributions from top scientists and scholars in the field, brings together diverse aspects of research and will be essential reading for entomologists and fly researchers.

Analysis and Design of Marine Structures including CD-ROM [CRC Press](#) 'Analysis and Design of Marine Structures' explores recent developments in methods and modelling procedures for structural assessment of marine structures: - Methods and tools for establishing loads and load effects; - Methods and tools for strength assessment; - Materials and fabrication of structures; - Methods and tools for structural design and optimisation; - Structural reliability, safety and environment protection. The book is a valuable reference source for academics, engineers and professionals involved in marine structures and design of ship and offshore structures.

Monopulse Principles and Techniques [Artech House](#) Monopulse is a type of radar that sends additional information in the signal in order to avoid problems caused by rapid changes in signal strength. Monopulse is resistant to jamming which is one of the main reasons it is used in most radar systems today. This updated and expanded edition of an Artech House classic offers you a current and comprehensive treatment of monopulse radar principles, techniques, and

applications. The Second Edition features two brand new chapters, covering monopulse countermeasures and counter-countermeasures and monopulse for airborne radar and homing seekers. This essential volume categorizes and describes the various forms of monopulse radar, and analyzes their capabilities and limitations. The book also devotes considerable space to monopulse circuits and hardware components, explaining their functions and performance. This practical resource features numerous photographs and illustrations drawn from actual radar systems and components. This book serves as a valuable reference for both experienced radar engineers and those new to the field. **Data Sources The Comprehensive Guide to the Information Processing Industry : Equipment, Software, Services, Companies, and People Human Chromosomes** [Springer Science & Business Media](#) The fourth edition of this well-known text provides students, researchers and technicians in the area of medicine, genetics and cell biology with a concise, understandable introduction to the structure and behavior of human chromosomes. This new edition continues to cover both basic and up-to-date material on normal and defective chromosomes, yet is particularly strengthened by the complete revision of the material on the molecular genetics of chromosomes and chromosomal defects. The mapping and molecular analysis of chromosomes is one of the most exciting and active areas of modern biomedical research, and this book will be invaluable to scientists, students, technicians and physicians with an interest in the function and dysfunction of chromosomes. **Predicasts F & S Index United States A** comprehensive index to company and industry information in business journals.