

Doppler Paul Allan

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The Creature Department - Robert Paul Weston 2013-11-05

"Stunning. . . a bit like if you took Charlie and the Chocolate Factory and Monsters Inc. and shoved them in a TARDIS."—Buzzfeed It's a tentacled, inventive, gooey, world in there. . . Elliot Von Doppler and his friend Leslie think nothing ever happens in Bickleburgh, except inside the gleaming headquarters of DENKi-3000—the world's eighth-largest electronics factory. Beneath the glass towers and glittering skywalks, there's a rambling old mansion from which all the company's amazing inventions spring forth. And no one except Uncle Archie knows what's behind the second-to-last door at the end of the hall. Until Elliot and Leslie are invited to take a glimpse inside. They find stooped, troll-like creatures with jutting jaws and broken teeth. Tiny winged things that sparkle as they fly. And huge, hulking, hairy nonhumans (with horns). It is unlike anything they've ever seen. But when Chuck Brickweather threatens to shut down the DENKi-3000 factory if a new product isn't presented soon, the creatures know they are in danger. And when Uncle Archie vanishes, it's up to Elliot, Leslie, and every one of the unusual, er, "employees" to create an invention so astonishing it will save the Creature Department.

Rare Earth - Peter D. Ward 2007-05-08

What determines whether complex life will arise on a planet, or even any life at all? Questions such as these are investigated in this groundbreaking book. In doing so, the authors synthesize information from astronomy, biology, and paleontology, and apply it to what we know about the rise of life on Earth and to what could possibly happen elsewhere in the universe. Everyone who has been thrilled by the recent discoveries of extrasolar planets and the indications of life on Mars and the Jovian moon Europa will be fascinated by *Rare Earth*, and its implications for those who look to the heavens for companionship.

Clinical Doppler Ultrasound - Paul L. P. Allan 2006-01-01

Provides a guide to techniques and their major applications and role in patient management. The major applications of Doppler ultrasound, including examination techniques and the interpretation of results, are discussed in an accessible, reader-friendly manner. Color and halftone illustrations. Chapters are color-coded.

Saint Peter's Snow - Leo Perutz 2016-04-28

At once a hallucinatory mystery tale and a powerful political parable that the Nazis tried to ban It could have been a common street accident that put Dr. Georg Amberg in the hospital, but for the five weeks his doctors say he has been in a coma, recovering from a brain hemorrhage after being run down by a car, he has memories of a more disturbing nature.

What of the violent events in the rural village of Morwede? The old woman threatening the priest with a breadknife, angry peasants with flails and cudgels, Baron von Malchin with a pistol defending his dreams for the Holy Roman Empire-how could Dr. Amberg ignore these? And what of the secret experiment to make a mind-altering drug from a white mildew occurring on wheat-a mildew called Saint Peter's Snow? Leo Perutz is the author of eleven novels that attracted the admiration of such writers as Graham Greene, Ian Fleming, Italo Calvino, and Jorge Luis Borges. He was born in Prague in 1882 and lived in Vienna until the Nazi Anschluss, when he fled to Palestine. He returned to Austria in the fifties and died in 1957. Perutz's *Master of the Day of Judgment* and *Little Apple* are also available from Pushkin Vertigo.

Through-the-Wall Radar Imaging - Moeness G. Amin 2017-12-19

Through-the-wall radar imaging (TWRI) allows police, fire and rescue personnel, first responders, and defense forces to detect, identify, classify, and track the whereabouts of humans and moving objects. Electromagnetic waves are considered the most effective at achieving this objective, yet advances in this multi-faceted and multi-disciplinary technology require taking phenomenological issues into consideration and must be based on a solid understanding of the intricacies of EM wave interactions with interior and exterior objects and structures.

Providing a broad overview of the myriad factors involved, namely size, weight, mobility, acquisition time, aperture distribution, power, bandwidth, standoff distance, and, most importantly, reliable performance and delivery of accurate information, *Through-the-Wall Radar Imaging* examines this technology from the algorithmic, modeling, experimentation, and system design perspectives. It begins with coverage of the electromagnetic properties of walls and building materials, and discusses techniques in the design of antenna elements and array configurations, beamforming concepts and issues, and the use of antenna array with collocated and distributed apertures. Detailed chapters discuss several suitable waveforms inverse scattering approaches and revolve around the relevance of physical-based model approaches in TWRI along with theoretical and experimental research in 3D building tomography using microwave remote sensing, high-frequency asymptotic modeling methods, synthetic aperture radar (SAR) techniques, impulse radars, airborne radar imaging of multi-floor buildings strategies for target detection, and detection of concealed targets. The book concludes with a discussion of how the Doppler principle can be used to measure motion at a very fine level of detail. The book provides a deep understanding of the challenges of TWRI, stressing its multidisciplinary and phenomenological nature. The breadth and depth of topics covered presents a highly detailed treatment of this potentially life-saving technology.

Abdominal and General Ultrasound - 2001

Encyclopedia of Astronomy & Astrophysics - P Murdin 2001-01-01

In a unique collaboration, Nature Publishing Group and Institute of Physics Publishing have published the most extensive and comprehensive reference work in astronomy and astrophysics. This unique resource covers the entire field of astronomy and astrophysics and this online version includes the full text of over 2,750 articles, plus sophisticated search and retrieval functionality and links to the primary literature. The Encyclopaedia's authority is assured by editorial and advisory boards drawn from the world's foremost astronomers and astrophysicists. This first class resource is an essential source of information for undergraduates, graduate students, researchers and seasoned professionals, as well as for committed amateurs, librarians and lay people wishing to consult the definitive astronomy and astrophysics reference work.

Клінічна доплерівська ультрасонографія -

Clinical Doppler Ultrasound E-Book - Myron A. Pozniak 2013-10-24

Clinical Doppler Ultrasound offers an accessible, comprehensive introduction and overview of the major applications of Doppler ultrasound and their role in patient management. The new edition of this medical reference book discusses everything you need to know to take full advantage of this powerful modality, from anatomy, scanning, and technique, to normal and abnormal findings and their interpretation. It presents just the right amount of Doppler ultrasonography information in a compact, readable format! Consult this title on your favorite e-reader, conduct rapid searches, and adjust font sizes for optimal readability. Compatible with Kindle®, nook®, and other popular devices. Make the most informed Doppler imaging decisions possible by gaining a thorough understanding of the advantages and disadvantages of using Doppler ultrasound, as well as the basic principles behind its techniques and technologies. Acquire optimal images and avoid errors with the help of detailed protocols and high-quality, full-color illustrations throughout. Understand and apply the latest Doppler imaging techniques with a new chapter on interventional and intraoperative applications of Doppler ultrasound and a new chapter on dialysis grafts, plus coverage of the most recent information on the role of contrast agents and how best to administer them. View real-time videos of Doppler imaging, and search

across the complete text online at Expert Consult.

Abdominal and General Ultrasound - Hylton B. Meire 2001

Volumes 1 and 2 of the outstanding 3-volume set represent the most superbly illustrated and authoritative guidance on both abdominal and general ultrasound imaging. It includes comprehensive coverage of color Doppler, power Doppler, interventional ultrasound, and laparoscopic ultrasound. With over 1300 illustrations, the most recent advances are fully explained.

American Book Publishing Record - 2006

The British National Bibliography - Arthur James Wells 2007

Ecografía Doppler clínica + CD-ROM - Paul L. Allan 2008-08

Las posibilidades que ofrece la ecografía Doppler han revolucionado la radiología. Esta guía eminentemente práctica proporciona al lector las herramientas necesarias para dominar con confianza y destreza esta tecnología en constante evolución. Las principales aplicaciones de la ecografía Doppler, incluidas las técnicas de exploración y la interpretación de los resultados, se describen de un modo accesible y sencillo para el lector, lo que convierte al libro en una obra de referencia ideal para todos los radiólogos que deseen actualizar y aumentar sus conocimientos y capacidades. Se describen todo los datos esenciales, desde la anatomía, las técnicas de barrido y los fundamentos técnicos, hasta los hallazgos normales y patológicos, así como su interpretación. Se explican las ventajas y los límites de las imágenes obtenidas mediante ecografía Doppler, de modo que se tengan todos los datos a la hora de tomar una decisión en cualquier situación. Se exponen los principios básicos subyacentes a las técnicas, para que el lector pueda comprender por qué y cómo se aplican. Contiene, además, protocolos detallados para adquirir imágenes óptimas y evitar errores típicos. También incluye 450 imágenes de alta calidad que representan ejemplos reales de las técnicas. Incluye un CD-ROM que contiene vídeos en tiempo real de imágenes Doppler. Guía eminentemente práctica que proporciona al lector las herramientas necesarias para dominar con confianza y destreza esta tecnología en constante evolución. Se describen de un modo accesible y sencillo las principales aplicaciones de la ecografía Doppler, incluidas las técnicas de exploración y la interpretación de los resultados. Esta obra de referencia, ideal para todos los radiólogos que deseen actualizar y aumentar sus conocimientos y capacidades, incluye un CD-ROM que contiene vídeos en tiempo real de imágenes Doppler.

Getting the message through: A Branch History of the U.S. Army Signal Corps - Rebecca Robbins Raines 1996

Getting the Message Through, the companion volume to Rebecca Robbins Raines' Signal Corps, traces the evolution of the corps from the appointment of the first signal officer on the eve of the Civil War, through its stages of growth and change, to its service in Operation DESERT SHIELD/DESERT STORM. Raines highlights not only the increasingly specialized nature of warfare and the rise of sophisticated communications technology, but also such diverse missions as weather reporting and military aviation. Information dominance in the form of superior communications is considered to be sine qua non to modern warfare. As Raines ably shows, the Signal Corps--once considered by some Army officers to be of little or no military value--and the communications it provides have become integral to all aspects of military operations on modern digitized battlefields. The volume is an invaluable reference source for anyone interested in the institutional history of the branch.

Vascular Ultrasound E-Book - Abigail Thrush 2009-09-15

This book provides an understanding of the underlying scientific principles in the production of B-mode and Colour Flow imaging and Spectral Doppler sonograms. A basic description of common vascular diseases is given along with a practical guide as to how ultrasound is used to detect and quantify the disease. Possible treatments of common vascular diseases and disorders are outlined. Ultrasound is often used in post-treatment assessment and this is also discussed. The role of ultrasound in the formation and follow-up of haemodialysis access is a growing field and is covered in detail. Practical step-by-step guide to peripheral vascular ultrasound. Explains the basic scientific principles of ultrasound instrumentation and blood flow. Fully illustrated with 175 black and white scans, 150 colour scans and 220 black and white and colour line drawings. Contributions from leading names in peripheral vascular ultrasound. Accompanying DVD includes cine loops of ultrasound scans in normal and diseased vessels and of optimum scans to show potential pitfalls and common mistakes. Four new chapters and two new contributors, both clinical lecturers in vascular ultrasound. New chapter

on treatment techniques of particular interest to vascular surgeons who increasingly are required to learn basic scanning skills. Sections on ultrasound instrumentation updated to cover new developments in equipment such as broadband colour imaging. Current practices in all the vascular ultrasound applications covered are reviewed and updated. *Ultra-sonografia com Doppler Na Pratica Clinica* -

The Physics Book - Clifford A. Pickover 2011

Containing 250 short, entertaining, and thought-provoking entries, this book explores such engaging topics as dark energy, parallel universes, the Doppler effect, the God particle, and Maxwell's demon. The timeline extends back billions of years to the hypothetical Big Bang and forward trillions of years to a time of quantum resurrection.

Principles of Modern Radar - Mark A. Richards 2010-06-30

Dr. John Milan, radar consultant; formerly 36 years with ITT Gilfillan, IEEE AESS Radar Systems Panel --

Male Reproductive Dysfunction - SC Basu 2011-05-30

Complete updating of all fourteen chapters incorporating most recent information on the subject. History of reproductive sciences has been considerably enlarged with comprehensive review of the subject. Relevant anatomy of the male reproductive system has been illustrated with added diagrams. Endocrine chapter has been updated to help the postgraduate students of Urology/Andrology. Moreover, this would be a guide to the practicing endocrinologist specializing in reproductive problems. Recent advances in the management of erectile problems in males incorporated with illustrations. Basic information about the 'Male Infertility' has been updated to include the special role of obesity in male hypogonadal state. Chapter on varicocele has been updated with recent advances and added illustrations. An outline of the ART has been updated with additional illustrations for helping the andrologists and gynecologists to have working knowledge on the subject. Information in each chapter presented in tables and diagrams for easy understanding. Close to 1600 references on the subject with some as recent as November 2010 with approximately 150 colored line drawings, 50 colored flow charts and photographs, and 25 black and white photographs are the key features of the book.

Core Topics in General & Emergency Surgery - Simon Paterson-Brown 2009-09-28

Ever since the publication of the first edition in 1997, the Companion to Specialist Surgical Practice series has met the needs of surgeons in higher training and practising consultants by providing contemporary, evidence-based information on the sub-specialist areas relevant to their general surgical practice. All eight volumes are thoroughly edited and supported by evidence-based references to support key recommendations. This new Fourth Edition brings together the relevant state-of-the-art specialist information that the editors and authors consider important for the practising sub-specialist general surgeon. Purchase of a print book also includes a downloadable version of the eBook. A standardised approach is used across the series to provide up-to-date information in a way that will be consistent and familiar to the reader. Each volume gives a current and concise summary of the key topics within each major surgical sub-specialty. Each volume highlights evidence-based practice both in the text and by also identifying the key papers in the extensive list of references at the end of every chapter. Written by an expanded group of authors with an increased international dimension to the content of all volumes. Provides an update on all the key areas of general surgery and its practice, including day case surgery, abdominal hernias, the management of sepsis and the intensive care patient.

Clinical Ultrasound - Paul L. P. Allan 2011

Covering all of the core knowledge, skills and experience as recommended by the Royal College of Radiologists, it provides the Fellow with a knowledge base sufficient to pass professional certification examinations and provides the practitioner with a quick reference on all currently available diagnostic and therapeutic ultrasound imaging procedures. Contains over 4,000 high quality images (over 1,000 of which are in colour) to provide a comprehensive visual guide to help the practitioner identify and interpret diagnostic problems. Practical considerations such as image interpretation, image optimization techniques, pitfalls in technical acquisition and interpretation stressed throughout provide the trainee and practitioner with a new and improved knowledge in order to optimize clinical decision-making. Highlights the selection of other modalities (such as CT/MRI) whenever appropriate i.e.

The Robotics Primer - Maja J. Mataric 2007-08-17

A broadly accessible introduction to robotics that spans the most basic

concepts and the most novel applications; for students, teachers, and hobbyists. The Robotics Primer offers a broadly accessible introduction to robotics for students at pre-university and university levels, robot hobbyists, and anyone interested in this burgeoning field. The text takes the reader from the most basic concepts (including perception and movement) to the most novel and sophisticated applications and topics (humanoids, shape-shifting robots, space robotics), with an emphasis on what it takes to create autonomous intelligent robot behavior. The core concepts of robotics are carried through from fundamental definitions to more complex explanations, all presented in an engaging, conversational style that will appeal to readers of different backgrounds. The Robotics Primer covers such topics as the definition of robotics, the history of robotics ("Where do Robots Come From?"), robot components, locomotion, manipulation, sensors, control, control architectures, representation, behavior ("Making Your Robot Behave"), navigation, group robotics, learning, and the future of robotics (and its ethical implications). To encourage further engagement, experimentation, and course and lesson design, The Robotics Primer is accompanied by a free robot programming exercise workbook that implements many of the ideas on the book on iRobot platforms. The Robotics Primer is unique as a principled, pedagogical treatment of the topic that is accessible to a broad audience; the only prerequisites are curiosity and attention. It can be used effectively in an educational setting or more informally for self-instruction. The Robotics Primer is a springboard for readers of all backgrounds—including students taking robotics as an elective outside the major, graduate students preparing to specialize in robotics, and K-12 teachers who bring robotics into their classrooms.

The Lyrics: 1956 to the Present (Vol. Two-Volume Set) - Paul McCartney 2021-11-02

A work of unparalleled candor and splendorous beauty, *The Lyrics* celebrates the creative life and the musical genius of Paul McCartney through 154 of his most meaningful songs. From his early Liverpool days, through the historic decade of The Beatles, to Wings and his long solo career, *The Lyrics* pairs the definitive texts of 154 Paul McCartney songs with first-person commentaries on his life and music. Spanning two alphabetically arranged volumes, these commentaries reveal how the songs came to be and the people who inspired them: his devoted parents, Mary and Jim; his songwriting partner, John Lennon; his "Golden Earth Girl," Linda Eastman; his wife, Nancy McCartney; and even Queen Elizabeth, among many others. Here are the origins of "Let It Be," "Lovely Rita," "Yesterday," and "Mull of Kintyre," as well as McCartney's literary influences, including Shakespeare, Lewis Carroll, and Alan Durband, his high-school English teacher. With images from McCartney's personal archives—handwritten texts, paintings, and photographs, hundreds previously unseen—*The Lyrics*, spanning sixty-four years, becomes the definitive literary and visual record of one of the greatest songwriters of all time.

Eco-color doppler. Applicazione clinica - Myron A. Pozniak 2015

Bailey & Love's Short Practice of Surgery 26E - Norman Williams 2013-02-18

Highly Commended, BMA Medical Book Awards 2014 *Bailey & Love's Short Practice of Surgery* remains one of the world's pre-eminent medical textbooks, beloved by generations of surgeons, with lifetime sales in excess of one million copies. Under the guidance of the eminent editors, the expert team of contributors have revised and updated the material throughout while retaining those features praised in previous editions. The content is sub-divided into parts for ease of reference. Sections devoted to the underlying principles of surgical practice, investigation and diagnosis, and pre-operative care are followed by chapters covering all aspects of surgical trauma. The remainder of the book considers each of the surgical specialties in turn, from elective orthopaedics through skin, head, and neck, breast and endocrine, cardiothoracic and vascular, abdominal and genitourinary to transplantation. Key features: Authoritative — emphasises the importance of effective clinical examination and soundly based surgical principles while taking account throughout of the latest developments in surgical practice Current — text and illustrations fully revised with brand new chapters on patient safety, day care surgery (outpatient), and bariatric surgery Readable — preserves the clear, direct writing style, uncluttered by technical jargon, that has proved so popular in previous editions User-friendly — numerous photographs, explanatory line diagrams, learning objectives, summary boxes, biographical footnotes and memorable anecdotes support and enhance the textual descriptions This 26th edition retains a wide appeal among all those studying surgery,

from undergraduate medical students to those in preparation for their postgraduate surgical examinations. In addition, its high standing and reputation for unambiguous advice continue to make it the first point of reference for many practising surgeons.

The Fortieth Anniversary History of Weather Radar Research in the U.S. Air Force - James I. Metcalf 1989

Physics of Heart and Circulation - Jan Strackee 1993-09

This book is aimed at those working on the physical aspects of heart and circulation. However, the book has a much wider scope: it also presents the physical and mathematical basis for the study of biological systems, not only as a way of thinking but also presenting basic information on all aspects of the cardiovascular system, such as fluid dynamics, elasticity, potential theory, mathematical modelling, etc. The book is of interest to graduate students and researchers in biomedical engineering, medical physics and the clinical sciences.

Ultrasonido Doppler clínico - Myron A. Pozniak 2015

Clinical Ultrasound, 2-Volume Set E-Book - Paul L Allan 2011-03-07

Clinical Ultrasound has been thoroughly revised and updated by a brand new editorial team in order to incorporate the latest scanning technologies and their clinical applications in both adult and paediatric patients. With over 4,000 high-quality illustrations, the book covers the entire gamut of organ systems and body parts where this modality is useful. It provides the ultrasound practitioner with a comprehensive, authoritative guide to image diagnosis and interpretation. Colour is now incorporated extensively throughout this edition in order to reflect the advances in clinical Doppler, power Doppler, contrast agents. Each chapter now follows a consistent organizational structure and now contains numerous summary boxes and charts in order to make the diagnostic process practical and easy to follow. Covering all of the core knowledge, skills and experience as recommended by the Royal College of Radiologists, it provides the Fellow with a knowledge base sufficient to pass professional certification examinations and provides the practitioner with a quick reference on all currently available diagnostic and therapeutic ultrasound imaging procedures. Individual chapters organized around common template therefore establishing a consistent diagnostic approach throughout the text and making the information easier to retrieve. Access the full text online and download images via Expert Consult. Three brand new editors and many new contributing authors bring a fresh perspective on the content. Authoritative coverage of the most recent advances and latest developments in cutting edge technologies such as: colour Doppler, power Doppler, 3D and 4D applications, harmonic imaging, high intensity focused ultrasound (HIFU) microbubble contrast agents, interventional ultrasound, laparoscopic ultrasound brings this edition right up to date in terms of the changes in technology and the increasing capabilities/applications of ultrasound equipment. New sections on musculoskeletal imaging. Addition of coloured text, tables, and charts throughout will facilitate quick review and enhance comprehension.

Nigerian Universities Inaugural Lectures Series - 2003

Inaugural lectures delivered in the Nigerian University System.

Air Force Surveys in Geophysics - 1989

Bailey & Love's Short Practice of Surgery, 27th Edition - P. Ronan O'Connell 2018-04-27

Bailey & Love is the world famous textbook of surgery. Its comprehensive coverage includes the scientific basis of surgical practice, investigation, diagnosis, and pre-operative care. Trauma and Orthopaedics are included, as are the subspecialties of plastic and reconstructive, head and neck, cardiothoracic and vascular, abdominal and genitourinary surgery. The user-friendly format includes photographs, line diagrams, learning objectives, summary boxes, biographical footnotes, memorable anecdotes and full-colour page design. This book's reputation for unambiguous advice make it the first point of reference for student and practising surgeons worldwide.

Air Power and the Ground War in Vietnam - Donald J. Mrozek 2002

Dr. Donald J. Mrozek's research sheds considerable light on how the use of air power evolved in the Vietnam War. Much more than simply retelling events, Mrozek analyzes how history, politics, technology, and the complexity of the war drove the application of air power in a long and divisive struggle. Mrozek delves into a wealth of original documentation, and his scholarship is impeccable. His analysis is thorough and balanced. His conclusions are well reasoned but will trouble those who have never seriously considered how the application of air power is influenced by

factors far beyond the battlefield. Whether or not the reader agrees with Mrozek, the quality of his research and analysis makes his conclusions impossible to ignore. John C. Fryer, Jr. Brigadier General, United States Air Force Commander, Center for Aerospace Doctrine, Research and Education

Atmospheric Science at NASA - Erik M. Conway 2008-11-03

Honorable Mention, 2008 ASLI Choice Awards. Atmospheric Science Librarians International This book offers an informed and revealing account of NASA's involvement in the scientific understanding of the Earth's atmosphere. Since the nineteenth century, scientists have attempted to understand the complex processes of the Earth's atmosphere and the weather created within it. This effort has evolved with the development of new technologies—from the first instrument-equipped weather balloons to multibillion-dollar meteorological satellite and planetary science programs. Erik M. Conway chronicles the history of atmospheric science at NASA, tracing the story from its beginnings in 1958, the International Geophysical Year, through to the present, focusing on NASA's programs and research in meteorology, stratospheric ozone depletion, and planetary climates and global warming. But the story is not only a scientific one. NASA's researchers operated within an often politically contentious environment. Although environmental issues garnered strong public and political support in the 1970s, the following decades saw increased opposition to environmentalism as a threat to free market capitalism. *Atmospheric Science at NASA* critically examines this politically controversial science, dissecting the often convoluted roles, motives, and relationships of the various institutional actors involved—among them NASA, congressional appropriation committees, government weather and climate bureaus, and the military.

Bailey & Love's Short Practice of Surgery - Hamilton Bailey 2008

Biology of the Mammary Gland - John A. Mol 2006-04-11

Proceedings of the European Cooperation in the Field of Scientific and Technical Research (COST 825) Symposium on Mammary Gland Biology, held September 16-18, 1999, in Tours, France. It is difficult to overstate the evolutionary and functional significance of mammary tissue in biology. Substantial progress has been made by researchers in various disciplines, particularly over the last fifteen years, towards realizing the potential of this tissue to yield powerful experimental models for morphogenesis and tissue development; for cellular differentiation; for the biosynthesis and secretion of proteins, lipids, small molecules and inorganic salts; and for the coordination and regulation of these processes. More recently, the possibility of exploiting the secretory epithelial cells of mammary tissue as 'cell factories' has become a reality and the recombinant production by lactating animals of an increasing number of proteins, valuable both in the pharmaceutical and 'nutraceutical' fields, is in progress or under development. Also in this

sphere of agricultural production, genetic as well as nutritional technologies are under investigation and exploitation to optimize milk composition for various end-uses - for instance in food process and manufacture. The possibilities of deriving health benefit from the bioactive properties of some of the minor constituents of milk are emerging to counter the highly-publicized negative health impact of excessive consumption of saturated animal fats. In human nutrition and medicine, the mammary gland is both a source of nutrition to the neonate and a potential health threat to the adult female - breast cancer remains the major single cause of female mortality in most developed countries. This volume provides a unique glimpse into our understanding, at the cutting edge of a variety of disciplines, of this versatile and extraordinary tissue, at the birth of the twenty-first century.

Rules of Vengeance - Christopher Reich 2009-08-04

New York Times Bestseller Months after foiling an international terrorist attack, Doctors Without Borders physician Jonathan Ransom is working under an assumed name in a remote corner of Africa. His wife, Emma, desperate to escape the wrath of Division, the secret American intelligence agency she betrayed, has been in hiding. Both look forward to sharing a stolen weekend in London—until a terrorist attack ruins their romantic rendezvous. In the aftermath, Emma disappears and Jonathan is apprehended by the police and threatened, unless he helps secure his wife's capture. He embarks on a breathless chase across Europe, searching for Emma, and keeping Division at bay . . . until he realizes that all along he's been a pawn in a high-stakes game of international intrigue far beyond his imagining. Follow the Rules: Don't miss Christopher Reich's new thriller, *Rules of Betrayal*, coming in hardcover in July. The first novel in the series, *Rules of Deception*, is available now in paperback.

Clinical Practice Guidelines For Chronic Kidney Disease - 2002

Sub-bottom Surveying in Lakes with Ground-penetrating Radar -

Paul V. Sellmann 1992

Information on the properties and distribution of sediments and rock beneath lakes, rivers, and shallow backwaters is needed for geologic and engineering investigations. Harbor and channel projects, sedimentation studies and general characterization of sub-bottom materials have relied on acoustic methods because of their ability to penetrate the bottom. However, acoustic equipment can have difficulty in resolving gradational contacts and in penetrating gassy sediments, which can cause high attenuation. Previous freshwater investigations using radar have revealed sub-bottom information. This report discusses radar equipment that we assembled with consideration given to frequency, power, deployment and analysis of radiation patterns for maximum sub-bottom penetration.

Clinical Applications of Doppler Ultrasound - Kenneth J. W. Taylor 1988