

Title Practical Ultrasound An Illustrated Guide Author

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The British Journal of Radiology 1995

The Publishers Weekly 1972

Pure and Applied Science Books, 1876-1982 1982 Over 220,000 entries representing some 56,000 Library of Congress subject headings. Covers all disciplines of science and technology, e.g., engineering, agriculture, and domestic arts. Also contains at least 5000 titles published before 1876. Has many applications in libraries, information centers, and other organizations concerned with scientific and technological literature. Subject index contains main listing of entries. Each entry gives cataloging as prepared by the Library of Congress. Author/title indexes.

National Library of Medicine Current Catalog National Library of Medicine (U.S.)

Weekly Record 1980

Resonant Ultrasound Spectroscopy Albert Migliori 1997-08-14 This first procedural guide to RUS, Resonant Ultrasound Spectroscopy offers a clear step-by-step tutorial, from developing a preliminary set of resonances to final determination of moduli. The book also contains intermediate computer outputs showing where mistakes are made, how to spot them, and how to remeasure to correct problems. Also a complete reference to the language of RUS, this book is full of clear

explanations of every variable, concept, and hard-to-find term currently in use.

Current Catalog National Library of Medicine (U.S.) 1982 First multi-year cumulation covers six years: 1965-70.

Medical Journal of Australia 1978

Promoting Your TMD Practice Rose Nagy Nierman 1992

Injury 1981

Micromachined Ultrasound-Based Proximity Sensors Mark R. Hornung 1999-04-30 Micromachined Ultrasound-Based Proximity Sensors presents a packaged ultrasound microsystem for object detection and distance metering based on micromachined silicon transducer elements. It describes the characterization, optimization and the long-term stability of silicon membrane resonators as well as appropriate packaging for ultrasound microsystems. Micromachined Ultrasound-Based Proximity Sensors describes a cost-effective approach to the realization of a micro electro mechanical system (MEMS). The micromachined silicon transducer elements were fabricated using industrial IC technology combined with standard silicon micromachining techniques. Additionally, this approach allows the cointegration of the driving and read-out circuitry. To ensure the industrial applicability of the fabricated transducer elements intensive long-term stability and reliability tests were performed under various environmental

conditions such as high temperature and humidity. Great effort was undertaken to investigate the packaging and housing of the ultrasound system, which mainly determine the success or failure of an industrial microsystem. A low-stress mounting of the transducer element minimizes thermomechanical stress influences. The developed housing not only protects the silicon chip but also improves the acoustic performance of the transducer elements. The developed ultrasound proximity sensor system can determine object distances up to 10 cm with an accuracy of better than 0.8 mm. Micromachined Ultrasound-Based Proximity Sensors will be of interest to MEMS researchers as well as those involved in solid-state sensor development.

Current Catalog 1988 First multi-year cumulation covers six years: 1965-70.

Books in Series, 1985-89: Author index ; Title index

1989 Cited in BCL3 and Sheehy . Formerly Books in series in the United States . The editor's solicitude expressed in the preface Bowker...has consistently recognized those areas in which we can assist to make the work of librarians...easier. It is because of this concern that we decided to publish the 1

British Journal of Radiology 1995

British Book News 1964

Ultrasound Teaching Cases Keith C. Dewbury 1988-03-15

Ultrasound Teaching Cases is a series of books based on the authors' experience of teaching practical ultrasound imaging using selected clinical cases, incorporating in-depth descriptions of the cases illustrated, discussing the technical and interpretative points, and emphasising the differential diagnostic considerations.

A Practical Guide to Pediatric Emergency Medicine Jamie Shandro 2011-08-11 Practical guide for emergency physicians, providing all the information needed to diagnose and treat common and uncommon pediatric disorders.

Laser Ultrasonics Techniques and Applications C.B Scruby 1990-01-01 The first book devoted to laser techniques in the generation and reception of ultrasonic waves in

materials, *Laser Ultrasonics: Techniques and Applications* provides a full description of the state of the art in all fields involving both lasers and ultrasonics. This practical book focuses mainly on the possible applications of the techniques, yet theory is discussed wherever necessary. After an introduction to ultrasonics and laser technology, the book reviews acousto-optics, various acousto-optic devices, and noninterferometric optical methods of measuring ultrasonic displacements. The authors then describe opto-acoustic techniques, discussing laser interferometry, including reference-beam, velocity, and Fabry-Perot systems, and their application to ultrasonic measurement on different surfaces. The authors also detail the generation of ultrasound as a consequence of the absorption of laser light in material. The book proceeds to discuss applications of laser-generated ultrasound, both by itself and in combination with laser interferometric reception to form an entirely remote and non-contact measurement and testing system. Comparisons with nonoptical techniques for ultrasonic generation and detection are made where appropriate. The book concludes with a discussion of the future developments and uses of laser techniques in ultrasonics, with particular reference to nondestructive testing.

The Multimedia and CD-ROM Directory 1998

Combined Ultrasound Methods of Concrete Testing Andrej Galan 1990 Non-destructive methods for materials testing are being increasingly used in testing concrete structures. In the construction industry, their use has resulted in improvements in the quality of concrete products and structures. It is no longer possible to rely solely on the traditional methods of quality control, and progressive, non-destructive methods must be applied in modern quality-control practice. This new approach in the field of non-destructive testing of concrete structures requires that new parameters be introduced for their verification and evaluation with regard to concrete strength, and for the solution of problems related to the use of combined multiparameter

non-destructive methods. The present work provides a comprehensive overview on the solutions available for problems encountered in the non-destructive testing of concrete. Including the use of original combined ultrasonic-pulse methods developed by the author for testing concrete strength. Special attention is given to specific issues of testing in concrete structures and members by means of the combined and one-parameter methods and to the interpretation of the measurement results.

Differenzialdiagnosen in der Computertomografie Francis A. Burgener 2012-12-12 - Vom radiologischen Bildbefund ausgehend kann die ganze Palette der

Differenzialdiagnosen abgerufen und dann anhand der klinischen Erläuterungen die für den speziellen Fall wahrscheinlichste Diagnose herausgefiltert werden - Besonders hilfreich beim Befunden: Strukturierung nach anatomischen Regionen - Überwältigend: Mit über 2000 CT-Abbildungen zum Nachschlagen - Sie nähern sich der Diagnose durch rasches Screenen der Referenzbilder der betreffenden anatomischen Region - Hunderte differenzialdiagnostischer Tabellen mit detaillierten Erklärungen helfen bei der Differenzierung ähnlicher Befunde - Der Zugriff auf die Diagnosen ist dreifach möglich: von der Lokalisation, vom Erscheinungsbild im CT oder von der Verdachtsdiagnose

RSNA Index to Imaging Literature 1978

Annals of the Royal College of Surgeons of England Royal College of Surgeons of England 1995

Pfenninger and Fowler's Procedures for Primary Care E-Book

John L. Pfenninger 2010-09-23 Pfenninger and Fowler's Procedures for Primary Care, 3rd Edition is a comprehensive, "how-to" resource offering step-by-step strategies for nearly every medical procedure that can be performed in an office, hospital, or emergency care facility by primary care clinicians. . Designed for everyday practice, the outline format allows speedy reference while the detailed text and clear illustrations guide you through each procedure. The new edition of this best-selling book features full-color

illustrations and easy access to the complete contents and illustrations, patient forms, and more online at www.expertconsult.com. Understand how to proceed, step by step, thanks to detailed text and illustrations. Locate critical information at a glance with numerous boxes and tables. Use the book for years with minimal wear and tear thanks to its sturdy cover. Patient education handouts to educate, save time, and reduce liability Coding guidelines included This best selling text now includes full color photos and new sections on Aesthetic and Hospitalist Procedures in addition to an update of all the previous procedures discussed in prior editions! Access the complete contents and illustrations online, download patient education handouts and consent forms, view lists of device manufacturers, and more at www.expertconsult.com. Offer your patients a variety of cosmetic procedures using lasers and pulsed-light devices (including individual chapters on procedures for hair removal, photorejuvenation, , skin tightening and skin resurfacing, and tattoo removal), botulinum toxin, as well as new coverage of cosmeceutical skin care, tissue fillers, and photodynamic therapy. Master new procedures such as maggot treatment for chronic ulcers, endovenous vein closure, stress echo, insertion of the contraceptive capsule (Implanon) and tubal implant (Essure), musculoskeletal ultrasound, no-needle/no-scalpel vasectomy, procedures to treat acute headaches, and more. Don't worry! All the more basic office procedures are still included...with improved and updated discussions! Pfenninger and Fowler provide the latest and most comprehensive information on medical procedures that allow primary care physicians to more effectively treat their patients.

Ultrasonics H. Kuttruff 1991-06-30 This book is a translation of 'Physik und Technik des Ultraschalls', originally published in 1988 by S. Hirzel Verlag, Stuttgart. As in the German edition, it is based on lectures on ultrasound which the author has given over the past fifteen years to students of electrical engineering and physics at the Rheinisch-Westfälische

Technische Hochschule Aachen, Germany. Its purpose is to explain and describe the peculiarities of high frequency sound with general acoustics as a foundation. It is these peculiarities which have led to the development of specific methods of sound generation and sound detection on the one hand and are relevant to the way ultrasound propagates in various materials, and which are the origin of a wide range of technical applications on the other. The first part of the book is devoted to the fundamentals of ultrasonics. Since the reader is not expected to have a knowledge of general acoustics, introductory chapters survey the basic ideas and laws of acoustics without systematically deriving the formulae presented. Likewise, the third chapter, which deals with the radiation and diffraction of sound, is still fairly general, although it is somewhat more adapted to the specific requirements of ultrasound. In the three subsequent chapters, the generation and detection or measurement of ultrasound is dealt with. The seventh chapter is a digression on the peculiarities of the hypersonic range.

American Book Publishing Record 1995

Journal of the Medical Library Association 2004

Practical Vascular Ultrasound Kenneth Myers 2014-06-04
Ultrasound is used to demonstrate and classify numerous vascular diseases and provides a firm basis for deciding the most appropriate interventional treatment. *Practical Vascular Ultrasound: An Illustrated Guide* delivers a hands-on, practical approach to the diagnosis of vascular disease. Providing an overview of performing vascular ultrasounds, the physiology of blood flow, and vascular pathology, the book explores the various vascular conditions most investigated through ultrasound. Conditions covered range from extracranial cerebrovascular arterial diseases to chronic venous disease in the lower limbs. For each disorder, the authors discuss: Anatomy Pathology Clinical presentations Differential diagnosis What doctors need to know for each condition Normal findings and criteria for disease as seen by ultrasound Comprehensive

protocols for scanning Ultrasound images and observations that should be collected for best practice reporting The authors also discuss interventional vascular ultrasound procedures. Using easy-to-read, point-form text, this concise text is enhanced with high-resolution ultrasound images and clear line diagrams. It provides a consistent, comprehensive, and professional approach to vascular ultrasound.

Echokardiographie Harvey Feigenbaum 1979

100 Cases in Radiology Robert Thomas 2012-02-24 A 36-year-old housewife presents in the emergency department complaining of progressively increasing breathlessness over the last two weeks, accompanied by wheeze and a productive cough. You are the medic on duty... *100 Cases in Radiology* presents 100 radiological anomalies commonly seen by medical students and junior doctors on the ward, in outpatient clinics or in the emergency department. A succinct summary of the patient's history, examination and initial investigations, including imaging photographs, is followed by questions on the diagnosis and management of each case. The answer includes a detailed discussion of each topic, with further illustration where appropriate, providing an essential revision aid as well as a practical guide for students and junior doctors. Making clinical decisions and choosing the best course of action is one of the most challenging and difficult parts of training to become a doctor. These cases will teach students and junior doctors to recognize important radiological signs, and the medical and/or surgical conditions to which these relate, and to develop their diagnostic and management skills.

Publishers Weekly 1967

Whitaker's Cumulative Book List 1983

Nursing World 1957

Reference Services Review 1973

Cumulative Book Index 1998 A world list of books in the English language.

CD-ROMs in Print 2003

Ultrasound in Anesthesia, Critical Care and Pain

Management with Online Resource Graham Arthurs
2016-09-30 Supported by still and video clips, this fully up-to-date revised edition explains the benefits of ultrasound for all essential practices.

American Book Publishing Record Cumulative 1950-1977

R.R. Bowker Company 1978

National Library of Medicine Audiovisuals Catalog

National Library of Medicine (U.S.)

Radiologic Guide to Orthopedic Devices Tim B. Hunter

2017-05-11 Orthopedic devices improve the quality of life of millions of people, and show up on radiographs and cross-sectional imaging studies daily. This text will familiarise radiologists with the indications, applications, potential complications, and radiologic evaluation of many medical devices. The book offers a

complete discussion of fracture fixation, joint arthroplasty, and orthopedic apparatus of the neck and spine, including the cervical, thoracic, and lumbar spine. It also provides detailed overviews of devices used for common dental disease, covers the general principles applicable to complications of orthopedic devices, foreign body ingestions, insertions and injuries, and details quality assurance issues concerning the manufacture and distribution of devices. Featuring a large gallery of apparatus for reference, an extensive glossary of terms and a list of manufacturers, *Radiologic Guide to Orthopedic Devices* is an essential resource for radiologists, orthopedists and emergency medicine physicians. Regular updates to the topics covered will be available on <http://www.medapparatus.com>.