



Diagnostic Ultrasound: Imaging and Blood Flow Measurements, Second Edition (Hardback)

By K. Kirk Shung

Taylor & Francis Inc, United States, 2015. Hardback. Condition: New. 2nd New edition. Language: English. Brand new Book. Offers an Extensive Discussion on High Frequency Ultrasound Based on a course taught and developed by a foremost expert in diagnostic ultrasound technology, Diagnostic Ultrasound: Imaging and Blood Flow Measurements, Second Edition covers cutting-edge developments, along with the fundamental physics, instrumentation, system architecture, clinical applications, and biological effects of ultrasound. This text addresses the technical side of diagnostic ultrasound and begins with an overview of the field of ultrasonic imaging and its role in diagnostic medicine relative to other imaging modalities. The author describes the fundamental physics involved in ultrasonic transducers, as well as in conventional imaging approaches and Doppler measurements, including contrast imaging and 4D imaging. He reviews the current status and standards on ultrasound bioeffect and discusses methods that have been used to measure ultrasonic properties of tissues. He also provides a list of relevant references and further reading materials at the end of each chapter. New in the Second Edition: Details the latest advances in ultrasound technology related to biomedical applications, including elastography, portable scanners, ultrasound molecular imaging, preclinical high frequency imaging, 2D array, and 4D imaging techniques. Updates and expands each chapter. Adds...



READ ONLINE
[2.84 MB]

Reviews

If you need adding benefit, a must buy book. This really is for all who state that there had not been a well worth reading. It is extremely difficult to leave it before concluding, once you begin to read the book.

-- Claud Bernhard

It is an remarkable pdf which i have ever go through. Of course, it can be play, nonetheless an interesting and amazing literature. I realized this pdf from my dad and i suggested this book to discover.

-- Dr. Gerda Bergnaum

Other PDFs



An Undergraduate Introduction to Financial Mathematics (3rd edition)

World Scientific Publishing Co Pte Ltd. Hardback. Condition: new. BRAND NEW, An Undergraduate Introduction to Financial Mathematics (3rd edition), J. Robert Buchanan, This textbook provides an introduction to financial mathematics and financial engineering for undergraduate students who have completed a three- or...



FRCR Physics MCQs in Clinical Radiology (Hardback)

Springer Verlag, Singapore, Singapore, 2018. Hardback. Condition: New. 1st ed. 2019. Language: English. Brand new Book. This book offers a collection of specimen multiple choice questions (MCQs) for the first FRCR examination in clinical radiology that is for the physics module. It...



Modern Portfolio Theory: Foundations, Analysis, and New Developments + Website (Hardback)

John Wiley & Sons Inc, United States, 2013. Hardback. Condition: New. 1. Auflage. Language: English. Brand new Book. A through guide covering Modern Portfolio Theory as well as the recent developments surrounding it Modern portfolio theory (MPT), which originated with Harry Markowitz's...



Crafty Fun With Paper! (Hardback)

Anness Publishing, United Kingdom, 2014. Hardback. Condition: New. Language: English. Brand new Book. This title features 50 fabulous papercraft projects to make yourself. You can create your own stationery, decorations, toys, games, masks, disguises and accessories. You can make a simple bookmark...



Hacks for Minecrafters: Combat Edition: The Unofficial Guide to Tips and Tricks That Other Guides Won't Teach You (Hardback)

Skyhorse Publishing, United States, 2014. Hardback. Condition: New. Language: English. Brand new Book. From the author of Hacks for Minecrafters and Hacks for Minecrafters: Master Builder comes the most encompassing guide ever to combat in the world of Minecraft!With more than 100...



Introduction to Quantitative Finance: A Math Tool Kit (Hardback)

MIT Press Ltd, United States, 2010. Hardback. Condition: New. Language: English. Brand new Book. An introduction to many mathematical topics applicable to quantitative finance that teaches how to "think in mathematics" rather than simply do mathematics by rote.This text offers an accessible...