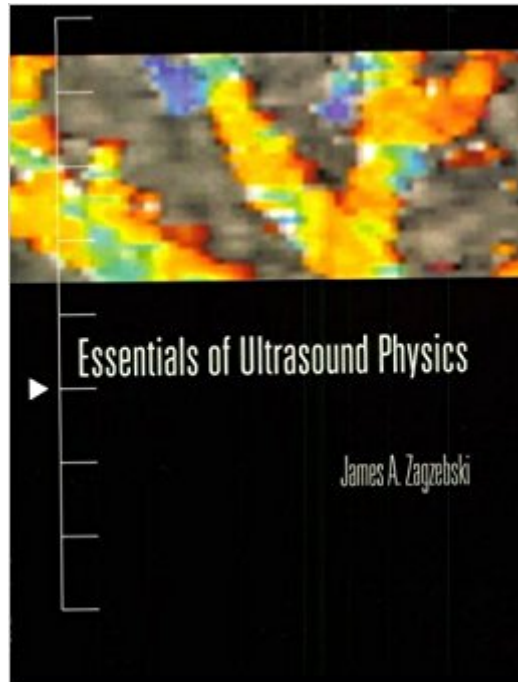




**Ebook Directory**  
the best source of ebook

The book was found

# Essentials Of Ultrasound Physics, 1e



## Synopsis

A concise, practical reference that can be a companion to Hagen-Ansert Textbook of Diagnostic Ultrasonography 4e, or used as a stand-alone resource for anyone interested in ultrasound physics. This easy-to-follow text works well as a primer for the Registry exam. Topics covered include broadband transducers, modern beam formers, dynamic frequency filtering, intraluminal transducers, color flow imaging methodology, bioeffects and acoustic output labeling standards. Plus, chapter outlines, review questions and answers, and a practice Registry exam help to reinforce the learning process.

## Book Information

Paperback: 220 pages

Publisher: Mosby; 1 edition (January 15, 1996)

Language: English

ISBN-10: 0815198523

ISBN-13: 978-0815198529

Product Dimensions: 0.5 x 8.8 x 11 inches

Shipping Weight: 1.3 pounds (View shipping rates and policies)

Average Customer Review: 4.5 out of 5 stars 13 customer reviews

Best Sellers Rank: #826,843 in Books (See Top 100 in Books) #62 in [Books > Textbooks >](#)

[Medicine & Health Sciences > Medicine > Clinical > Radiology & Nuclear Medicine >](#)

[Ultrasonography](#) #84 in [Books > Medical Books > Medicine > Internal Medicine > Radiology >](#)

[Ultrasonography](#) #372 in [Books > Textbooks > Medicine & Health Sciences > Allied Health Services > Radiological & Ultrasound Technology](#)

## Customer Reviews

I live in the UK but there was no option for me to buy this book from .co.uk, unless I paid £188 for it! Here the seller was very easy to approach and he sent the book to me on the same day. I have recently received it, I wasn't expecting such quick delivery! It is in perfect condition. And the price was very competitive too. This is something I have been looking for. I am a MSc student building her career as a specialised Sonographer. Physics is one of those things that scares a lot of people, but what I find is that the more we sonographers, cardiologists, critical care specialists and others know about echo physics the better we are in our diagnosis and clinical management. The Principles of Ultrasound Physics book is a brilliant choice for literally anyone, even for people without basic knowledge of ultrasound technology. It is surprisingly slim, has great

diagrams, pictures and explains things succinctly. It concisely outlines the core areas first and then explains each topics in detail. At the end of each chapter there are some brilliant MCQ questions for you to check how much you understood. I would highly recommend it anyone who:- is a student-wants to finally master physics in a quick and very efficient way-develop a vast interest for medical ultrasound-build up on their knowledge (as a clinician, sonographer, other HC specialist)-better understand the topics of echo/vascular physics and image optimization. Both the seller and the book get 6 stars from me!

I used this book for the ASCeXam physics portion and did extremely well (~90%). Ultrasound principles from the basic level to understanding exactly the engineering principles of how an ultrasound machine produces an image are nicely and clearly covered in this book. Nothing more than high school physics is necessary. There's no calculus or diffiQ required. A simple understanding of wave properties and function are all that are needed. This book is great for the bottom line. I understand better how my ultrasound machine works from ground up to improve imaging. This book has definitely made me a better echocardiographer both in the OR and in the peri-operative clinic. If you're looking for more advanced imaging details and theoretical concepts - there's a host of more in-depth textbooks (not covered here). But for the bottom line, this book is great.

One of the best physic books! Even though its pretty old, it has a lot useful info that new boos doesn't have. Helped me to understand basics and pass my Ultrasound Physic Exam!

Excellent book for an introductory ultrasound course.

well written book with good illustrations. Would have liked a few more numerical questions to answer so detailed

Although this book is in some regards quite dated (it talks about VHS tapes for recording), it is fantastic for providing an extremely accessible introduction to ultrasound physics. As a university professor doing research in ultrasound I HIGHLY recommend this book.

Now that I finished my ARDMS abdomen exam, I can say this book was adequate preparation for

this test. I am a physician so perhaps have a different background than the average reader, but I found the book very easy to read, with enough ultrasound images in the practice test portion of the book. This was the only book I used to prepare for the exam, and I scored 92%. There are occasional factual errors, mostly confined to the practice test, as well as rare typographical errors (that I noticed). Also the CDROM that comes with the book (containing the same practice exam as the text) has a tendency to repeat questions even when specifically set not to do so. Overall, a good way to spend time and money if passing the ARDMS-abdomen is your goal.

[Download to continue reading...](#)

Modern Essentials Bundle 6th - Modern Essentials 6th Edition a Contemporary Guide to the Therapeutic Use of Essential Oils, An Introduction to Modern Essentials, and Modern Essentials Reference Card Essentials Of Ultrasound Physics, 1e Thyroid Ultrasound and Ultrasound-Guided FNA The Solid State: An Introduction to the Physics of Crystals for Students of Physics, Materials Science, and Engineering (Oxford Physics Series) Head First Physics: A learner's companion to mechanics and practical physics (AP Physics B - Advanced Placement) Physics for Scientists and Engineers with Modern Physics: Volume II (3rd Edition) (Physics for Scientists & Engineers) Physics for Kids : Electricity and Magnetism - Physics 7th Grade | Children's Physics Books Six Ideas that Shaped Physics: Unit N - Laws of Physics are Universal (WCB Physics) Quantum Electrodynamics: Gribov Lectures on Theoretical Physics (Cambridge Monographs on Particle Physics, Nuclear Physics and Cosmology) Six Ideas That Shaped Physics: Unit R - Laws of Physics are Frame-Independent (WCB Physics) Problem-Solving Exercises in Physics: The High School Physics Program (Prentice Hall Conceptual Physics Workbook) Prepper Essentials: Prepper Essentials What Every Survivalist Needs To Know When Building The Ultimate SHTF Stockpile (Survival Handbook, DIY, Emergency ... Essentials Books, Emergency Prepared) Understanding Ultrasound Physics Ultrasound Physics Review: A Review for the Ardms SPI Exam Ultrasound Physics and Instrumentation, 4th Edition (2 Volume Set) Understanding Ultrasound Physics, Third Edition Diagnostic Ultrasound: Physics and Equipment (Cambridge Medicine (Paperback)) Understanding Ultrasound Physics: Fundamentals And Exam Review Ultrasound Physics and Instrumentation, 4e For the Love of Physics: From the End of the Rainbow to the Edge of Time - A Journey Through the Wonders of Physics

[Contact Us](#)

[DMCA](#)

Privacy

FAQ & Help