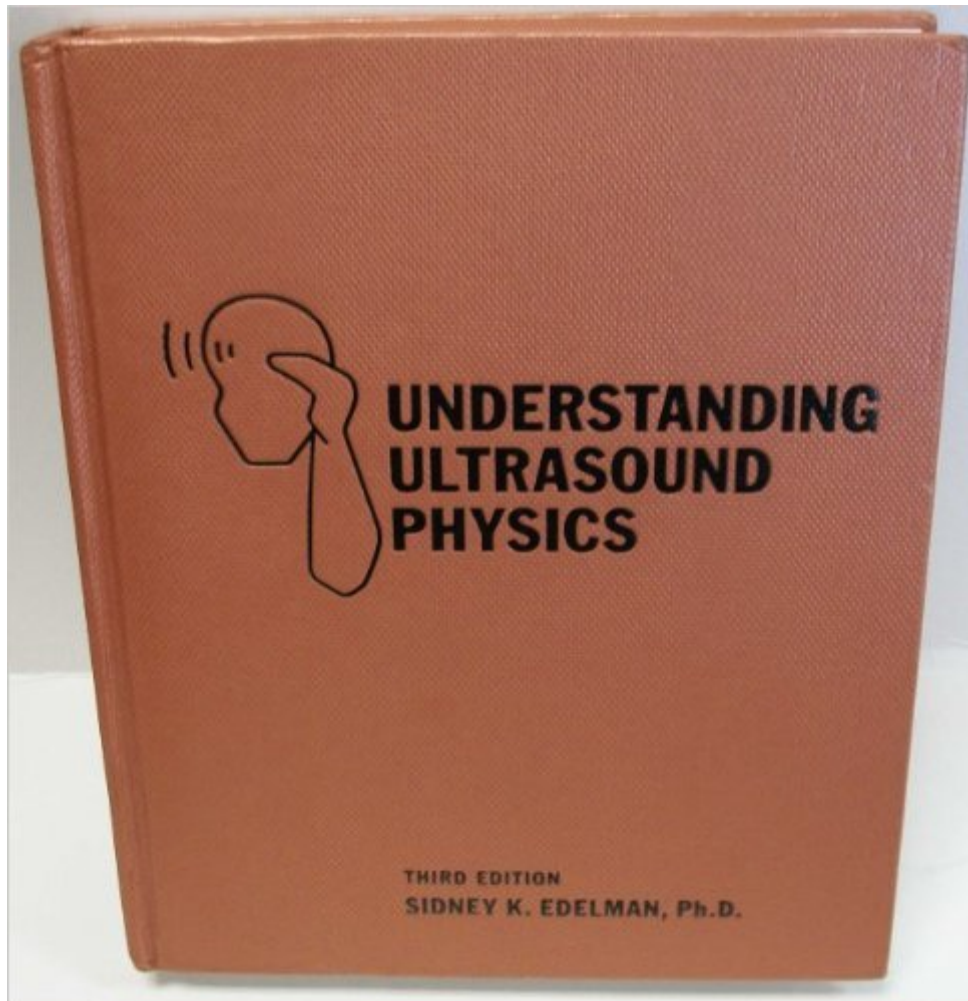


The book was found

Understanding Ultrasound Physics, Third Edition



Synopsis

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Book Information

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Textbook Binding: 542 pages

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Customer Reviews

This review is for the 3rd Edition of Edelman's Understanding Ultrasound Physics. As Mr. Ridgeway noted in his review, this book has a bronze cover and is the most recent edition. Dr. Edelman presents the concepts in an orderly manner. Each chapter is a building block to the next. He words the material in a way that the average person can understand. Many ultrasound physics texts use terminology and principles which are far more technical, detailed and complex than necessary. Not this one!! I completely disagree with the reviewer who commented that Dr. Edelman advises that material be memorized and regurgitated. Edelman carefully and thoughtfully highlights important information that WILL be presented on the ARDMS SPI boards. Additionally each chapter is accompanied by review questions AND a comprehensive Exam Review at the back of the textbook. **As a classroom instructor and tutor of ultrasound physics, I believe that "practice makes perfect." One of the the MOST VALUABLE features of this text is Edelman's Free X-Zone Offer. This can be found on the page before the Preface. It offers FREE access for 14 days to a bank of mock test questions. If you purchase this text, locate this page immediately, complete the form, and mail it! You will have 3 months to activate the exam. **If you require more practice after the X-Zone exercises, I recommend trying "Appleton & Lange Review for the Ultrasonography Examination."

have been using this textbook for five years. My students (and I) treasure this book. Thank you Dr. Edelman for helping us truly grasp the concepts of ultrasound physics and instrumentation!

I am currently in a sonography program and the new book my professor had us buy is impossible to understand for a beginner. You just read and re-read the same things over and over again and still don't understand. Edelman makes everything make perfect sense and easy to understand. Some of these reviews say it's too simple but as a beginning sonographer, we shouldn't need to understand like a physicist would. I will write a follow up review when I'm done reading it and also when I take my SPI boards.

This review is for the 3rd Edition of Understanding Ultrasound Physics by Sidney K Edelman, PhD. The author has a great reputation for educating those who are preparing for the SPI examination, or variations of the physics component for clinical ultrasonography examinations. This includes cardiac sonography, Obstetric sonography, abdominal sonographers, vascular technologists and neurodiagnostic sonographers who do intracranial and extracranial studies, among others. The book is divided into 22 chapters and starts with "The Basics" to chapters 20 (Artifacts), 21 (Quality Assurance) and chapter 22 (Bioeffects). The chapters are written in a logical manner and build on previous chapters. The concepts are presented well and simplified for generalized understanding. Perhaps the best part of the book is a large number of questions with easy to access answers right next to the question that makes the review process very streamlined and easy to process. I have not and did not use the X-Zone free offer but it is available for those who purchase the book. I understand that it is excellent. I believe that Dr Edelman and also Dr Frank Miele Jr are the pre eminent authors who make this subject a pleasure to study. Dr Miele also has a large number of books and DVDs that are well worth purchasing and having on your book shelf.

I just passed my SPI. For my physics class, I used Kremkau's Physics and it was not easy to understand and study from. It also is not organized well, so it is harder to remember the material. The Edelman's physics book was so well organized and easy to understand and remember, I thought my 10y old can read it! I actually enjoyed studying! The only additional study was the Ovel's Examination review book, especially usefull was the first 2 chapters on patient care and bioeffects. The SPI was not an easy test; even though I passed with the high score, it took me lot of time to answer the questions. The questions were not treaky but hard to answer because they require to know the material well and establish relationships. The Edelman's book is the best investement;

worth every penny!

I purchased this book in addition to my school textbook, and this book helped me greatly! It explains physics in a simple and straightforward manner, with exactly the information you need to know and understand, and nothing more. This book helped me pass my physics course, and Edelman's seminar helped me pass my SPI.

This book is very easy to understand and great review for the boards. The whole back of the book is practice questions. My ultrasound professor didn't require this book for the class, but I got it anyway and prefer it over the book that the professor required.

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