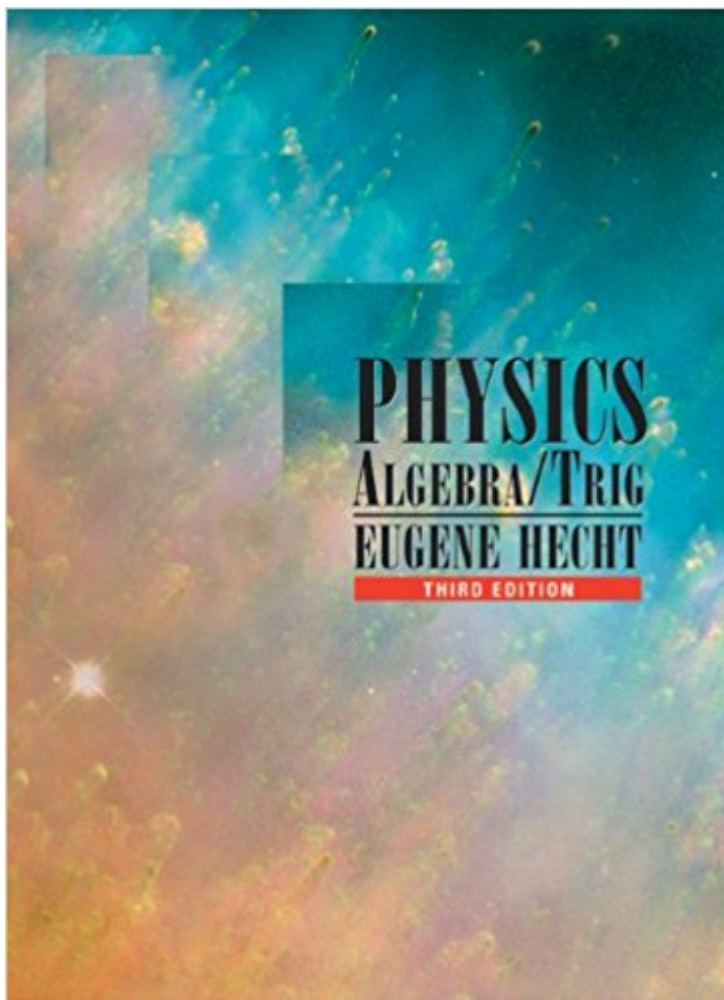


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Physics: Algebra/Trig (with CD-ROM)



Synopsis

In Hecht's groundbreaking book, you'll find real-life applications, an unparalleled art and photography program, a presentation that anticipates students' questions, and an approach that emphasizes contemporary physics while interweaving historical perspectives. Hecht's coverage of classical physics is clear and insightful. He shows students how 21st-century physics illuminates the classical topics of each chapter, adding excitement to the subject matter. Over 1,300 illustrations make it possible for students to visualize a diversity of physical phenomena. Many of these are multi-frame, sequential drawings allowing students to comprehend the temporal unfolding of complex events. A selection of sketch art teaches students how to create problem-solving diagrams. This new edition of the text was designed to aggressively address the issue of problem solving for students (guided by contemporary physics education research). To this end Hecht has provided not only his approach to the five-step problem-solving framework but also a wide range of new problems and solutions specifically designed to build student capability and confidence.

Book Information

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Customer Reviews

"I really enjoy the writing style of the author, and I think the students would appreciate it as well. It makes the physics seem much less formidable to have the discussion in a somewhat more colloquial tone (with a little infusion of humor) than is often done in physics texts. The human element of physics is also clearly present in this text, which is also a plus for the students." "The problems and examples are excellent. This was the first thing I turned to and immediately became engaged in this book! Hecht has the ability to create truly innovative examples where other authors

are jaded and copy from each other." "The writing style is student-friendly and thought provoking. Students reading this text would certainly not be bored! The author's use of pictures, illustrations, historical notes, references, and sidelines is quite effective. Clearly intensive research was done for each section to make it as interesting and creative as possible. The text has such an interesting presentation to it. I appreciate the creativity employed. I want to especially thank the author for paying attention to historical context. I think the author did a FANTASTIC job of incorporating sketches, photographs, illustrations, and diagrams in the book. The diverse approach to artistic representation is very much appreciated by both student and instructor. The "side notes" that accompany each figure, sketch, drawing, and illustration is complete and to the point. Those explanations are concise and topic-relevant. The quality and quantity of figures in Hecht's book should be the envy of other College Physics texts."

Ph.D. Adelphi University --This text refers to an out of print or unavailable edition of this title.

I purchased this book used for my high school senior son. It's a physics book with review of algebra and trigonometry included. I bought this used, and it did not include the CD-ROM. Thus, I can't speak to the content of the CD-ROM, however, the book is well written and explains the subject fairly well.

Amazing book for such an amazing price.

This book is not intended for college or university students and teachers. This may be suitable for high school students. It was not clear to me when I purchased this book because the seller would not even allow me to look at the table of contents. This is the problem with the sellers. Books that are of no value to some end up being bought.

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I had no problems with receving the book. It was here faster than I planned. I give two thumbs up!!! Will use in the future for sure.

THis is an excellent book...but you really have to be committed to learn anything (esp. Physics). You

can't expect to just read through once and understand everything. This book makes the reader think deeply about physical concepts, but again, you have to be committed to grasp them thoroughly. It is a very interesting book. Excellent resource for to-be-researchers. In fact, it introduces the reader to very interesting facts about different researcher. I used to read it like a story book (some chapters took about a day to read) but i enjoyed it. If you want to learn physics and want to learn it with an open mind, this is the best book. I have taken an engineering physics course also and their book was very boring and confusing compared to this one. so..enjoy!

I bought this book for a class and was hoping it would help me through it, since my teacher was not the best. It just made it more confusing. The book is littered with information, just too much for a person taking algebra based physics. Most people taking Algebra based physics need a step-by-step approach at learning the subject matter. This book does a poor job at doing so. The concepts are not clear and concise, and fails when attempting to outline major equations. The problems in the back have answers for the odd problems, but how do we access answers to the even problems? Where's the student solution manual? It adds much difficulty to the learning process. Wouldn't recommend it.

I'm really mad at our school for having this as our textbook. This book talks too much about the history of physics than to focus on concepts and how to solve problems. It doesn't tell you what kind of equations you should use for what type of problems. Some answers on the back of the book are wrong. This book is bad for both self studying and for class supplement. This book is just not for studying physics nor for anything else. I'd say it's garbage.

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