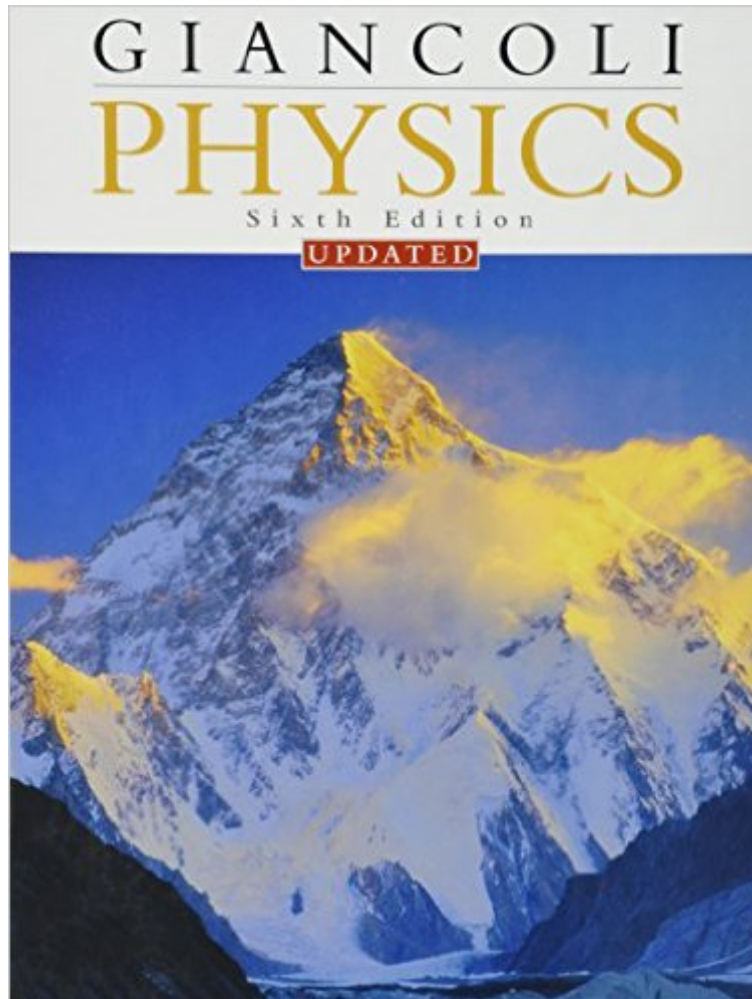


The book was found

Physics: Principles With Applications (6th Edition) (Updated)



Synopsis

This new updated version, besides correcting all known errors, adds an important and novel pedagogic feature: each Chapter begins with a Chapter-Opening Question. The multiple-choice responses provided include common student misconceptions. By getting preconceived notions out in the open at the start of each Chapter, it is hoped students will learn the physics better.

Book Information

Hardcover: 946 pages

Publisher: Pearson Prentice Hall; 6th edition (2009)

Language: English

ISBN-10: 0136073026

ISBN-13: 978-0136073024

Product Dimensions: 11 x 8.5 x 1.5 inches

Shipping Weight: 5 pounds

Average Customer Review: 3.8 out of 5 stars [See all reviews](#) (289 customer reviews)

Best Sellers Rank: #444,188 in Books (See Top 100 in Books) #75 in [Books > Science & Math > Physics > Applied](#) #84647 in [Books > Textbooks](#)

Customer Reviews

I know physics is hard for all of us, but this book is very clear in explaining physics. It does not involve in calculus, so usually it is better for most students who never took physics. So if you did not take physics class before, I highly recommend this book because it does not use pompous or intricate words that most science textbook writers do. Not only is it an easy reading, but also it has awesome questions and problems that make you think and that check whether you know really physics. Most my friends who were in engineering or math majors had easy physics teachers in high school. Some of them did not even take physics at all. Surprisingly, they dived into calculus based physics book and they found the subject to be incredibly hard. I understand their pain because I think this book can be a bridge that can connect high school physics (so easy ones) and calculus based physics. I also read Serway's College Physics, and in my opinion, I think Giancoli wrote better job in explaining physics with more clear diagrams. The sentences that he uses grabs my attention. Serway confused me and I was stuck a lot from his book. Problems in examples are so much better in Giancoli as well and diagrams were better as well. So before you read calculus based physics, read this one thoroughly and you will be able to breathe in higher physics class.

Overall, this is a decent textbook. The authors cover everything that's needed to know for any general Physics course. However, a major flaw and advantage is the amount of information compressed within 1000 pages. Providing dozens of explanations and examples in each chapter does help students to better relate to the meaning behind the formulas. But by doing this constantly, the book must be slowly read with a strong attention span. The problem with this book is focus. There is too much design, text, and colors going on at any given page. I recommend reading "Cracking the AP Physics" or "Basic Physics" before diving into this book. Mainly because those two books offer simple and clear design, text and color; reducing the stress that comes from learning Physics. So, what is Torque? "The angular acceleration, then, is proportional to the product of the force times the lever arm. This product is called the moment of the force about the axis, or more commonly, it is called the torque, and is represented by (Greek tau)..." - Torque (page 204 - Physics 6th - Giancoli): "Intuitively, torque describes the effectiveness of a force in producing rotational acceleration." - Torque (page 97 - Cracking the AP Physics B & C Exams 06-07 edition):

This book is maddening. Hundreds of physics problems, and no manual to show you how their solutions are derived. You can't learn physics unless you go over the solutions to problems -- so you can't learn physics with this book alone. You need 1.) a professor with the solutions manual 2.) the solutions manual (which a lowly student is not allowed to have) -- or 3.) a different book (my recommendation). I'm preparing on my own for the MCAT, and this book is driving me crazy. I'm able to get my hands on College Chemistry, Organic Chemistry and Biology texts, all with detailed answers to their problems. Trying to answer a problem, failing, reviewing the answer, coming back to it later and trying again -- that's how you learn. Reading five pages of text, one or two worked-out examples, and then tackling 30 problems of varying degrees of difficulty with no assistance from the text (or the absolutely useless student manual, what a waste of money) -- is no way to learn physics. If the authors published a student solutions manual with worked-out problems, this would be a good text. I wish the authors could read some of the comments on this site and realize **WORKED-OUT PROBLEMS FOR STUDENTS OF PHYSICS ARE ESSENTIAL TO LEARNING PHYSICS**. Perhaps in a classroom setting, with a good teacher, this is a helpful text. Trying to use it on your own as a resource for MCAT preparation, or any other solitary learning, however, is a complete waste of time. **DON'T BUY IT.**

I used this book in my AP Physics B course in grade 12. The book, if you read **JUST** the text and examples, is not difficult at all. The examples are very straightforward, and the text is coherent.

There are a few errors I have found, but in mathematics/physics books, this is a frequent thing. But the weakness in this book is the Problems--WAY WAY WAY too hard for an intro Physics class. Now I have a strong algebra and calculus/trig basis, and even for me this book is very difficult. Too much time is spent rambling on about useless topics, and more time should be devoted to crafting a stronger exposition--explain the solutions to more of the problems. The only thing that saved us is the fact that we had the INSTRUCTOR'S SOLUTIONS MANUAL, by Irvin A Miller to guide us through these gruesome questions. Mr Giancoli, if you are reading this--you wrote a very good textbook. But in order to do problems, one must SEE visually how it is done out and be able to clearly follow the exposition. We are grateful to Mr Miller, the author of the solutions manual, for enabling us to get through the book. With the answer book to guide us, we all got 4's and a few 5's on the AP exam. The kids the year before who used just the Giancoli text got all 3's or less (most got 2's). A word of advise--get the answer book if you are studying this text. Without it the book is useless in understanding how to do the problems. ...

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

Physics: Principles with Applications (6th Edition) (Updated) The Solid State: An Introduction to the Physics of Crystals for Students of Physics, Materials Science, and Engineering (Oxford Physics Series) Electrical Engineering: Principles & Applications (6th Edition) Physics: Principles with Applications (5th Edition) Physics: Principles with Applications Study Guide for Giancoli's Physics : Principles With Applications The Complete Works of Herbert Spencer: The Principles of Psychology, The Principles of Philosophy, First Principles and More (6 Books With Active Table of Contents) Ergonomics: Foundational Principles, Applications, and Technologies (Ergonomics Design & Management Theory & Applications) Growing Vegetables West of the Cascades, Updated 6th Edition: The Complete Guide to Organic Gardening A Headache in the Pelvis, a New, Revised, Expanded and Updated 6th Edition: A New Understanding and Treatment for Chronic Pelvic Pain Syndromes APA: The Easy Way! (Updated for APA 6th edition) Complete Guide to Symptoms, Illness & Surgery: Updated and Revised 6th Edition (Complete Guide to Symptoms, Illness and Surgery) APA Made Easy: Revised and Updated for the APA 6th Edition Clinically Oriented Anatomy 6th Edition Testbank: Testbank Questions for the book Clinically Oriented Anatomy 6th Edition Geometry, Topology and Physics, Second Edition (Graduate Student Series in Physics) Physics for Scientists & Engineers with Modern Physics (4th Edition) Physics for Scientists and Engineers, Technology Update, Hybrid Edition (with Enhanced WebAssign Multi-Term LOE Printed Access Card for Physics) Statistical Physics, Third Edition, Part 1: Volume 5 (Course of Theoretical Physics, Volume 5) Gauge Theories in Particle Physics, Second Edition (Graduate Student Series

in Physics) Sears and Zemansky's University Physics with Modern Physics, 13th Edition

[Dmca](#)