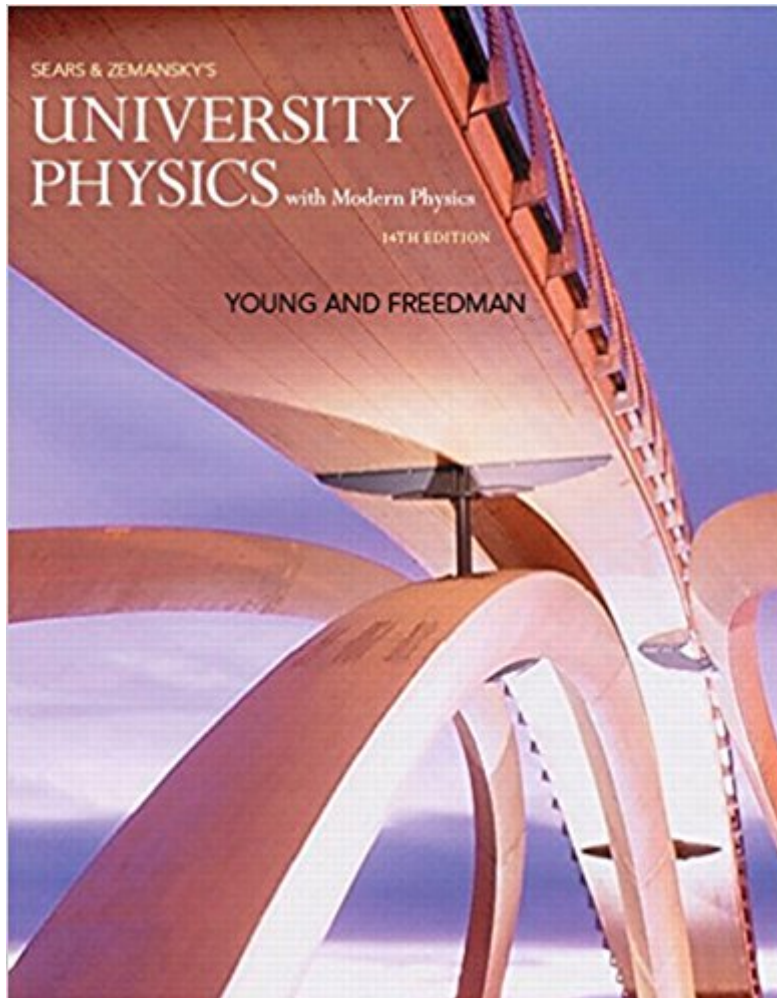




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University Physics With Modern Physics (14th Edition)



Synopsis

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Customer Reviews

Roger A. Freedman is a Lecturer in Physics at the University of California, Santa Barbara. He was an undergraduate at the University of California campuses in San Diego and Los Angeles and did his doctoral research in nuclear theory at Stanford University under the direction of Professor J. Dirk Walecka. Dr. Freedman came to UCSB in 1981 after three years of teaching and doing research at the University of Washington. At UCSB, Dr. Freedman has taught in both the Department of Physics and the College of Creative Studies, a branch of the university intended for highly gifted and motivated undergraduates. He has published research in nuclear physics, elementary particle physics, and laser physics. In recent years, he has worked to make physics lectures a more interactive experience through the use of classroom response systems and pre-lecture videos. In the 1970s Dr. Freedman worked as a comic book letterer and helped organize the San Diego Comic-Con (now the world's largest popular culture convention) during its first few years. Today, when not in the classroom or slaving over a computer, Dr. Freedman can be found either flying (he holds a commercial pilot's license) or with his wife, Caroline, cheering on the rowers of UCSB Men's and Women's Crew.

IN MEMORIAM: HUGH YOUNG (1930-2013) Hugh D. Young was Emeritus Professor of Physics at Carnegie Mellon University. He earned both his undergraduate and graduate degrees from that university. He earned his Ph.D. in fundamental particle theory under the direction of the late Richard Cutkosky. He joined the faculty of Carnegie Mellon in 1956 and retired in 2004. He also had two visiting professorships at the University of California, Berkeley. Dr. Young's career was centered entirely on undergraduate education. He wrote several undergraduate-level textbooks, and in 1973 he became a coauthor with Francis Sears and Mark Zemansky for their well-known introductory textbooks. In addition to his role on Sears and Zemansky's University Physics, he was the author of Sears and Zemansky's College Physics. Dr. Young earned a bachelor's degree in organ performance from Carnegie Mellon in 1972 and spent several years as Associate Organist at St. Paul's Cathedral in Pittsburgh. He often ventured into the wilderness to hike, climb, or go caving with students in Carnegie Mellon's Explorers Club, which he founded as a

graduate student and later advised. Dr. Young and his wife, Alice, hosted up to 50 students each year for Thanksgiving dinners in their home. Always gracious, Dr. Young expressed his appreciation earnestly: “I want to extend my heartfelt thanks to my colleagues at Carnegie Mellon, especially Professors Robert Kraemer, Bruce Sherwood, Ruth Chabay, Helmut Vogel, and Brian Quinn, for many stimulating discussions about physics pedagogy and for their support and encouragement during the writing of several successive editions of this book. I am equally indebted to the many generations of Carnegie Mellon students who have helped me learn what good teaching and good writing are, by showing me what works and what doesn’t. It is always a joy and a privilege to express my gratitude to my wife, Alice, and our children, Gretchen and Rebecca, for their love, support, and emotional sustenance during the writing of several successive editions of this book. May all men and women be blessed with love such as theirs. • We at Pearson appreciated his professionalism, good nature, and collaboration. He will be missed. ”

This textbook is a requirement for my class. Even though, I was forced to pay for the e-book I found it necessary to get the actual hardcover book, because the ebook is just too difficult to manipulate with advanced mathematics and science. Overall, this book is pretty good. I think that it could explain the concepts a little bit better, and maybe use a little more relevant examples. I do love that it was available for rental.

The explanations are very good and very accessible, with lots of examples. I haven’t seen any typos so far. The book is really terrific and I don’t understand problems people are having with it. This book monopolized the market? I don’t care - it’s fantastic anyway. My Soviet high school textbooks were very similar to the most of this book - maybe because physics works the same way everywhere on this planet, so do we really need a lot of Choice and Freedom to deliver the same fundamental ideas anyway?

This book is a pretty easy read. It also has fantastic countless diagrams and drawings of what the book is talking about. The book is great with in-depth example of solving problems, and the way to go about solving the problems. In the end, you rarely pick your textbooks, but this one, with a half decent professor is great at breaking down problems and concepts to easy manageable sections. Where my book lacked (only a few sections) my professor (whom I really liked but many other students thought was only ok) did a great job clarifying and making sure what he wanted stood out. I cannot emphasize how RARE this was. The book is great. I skimmed it for parts my professor did

not go over well and really used it for the fantastic examples and example problems it went over. It really breaks the problems down into manageable concepts. The book is quite large and heavy, so if you like to carry your books around I would recommend the 3 volume set, even though it will probably cost you a bit more, they are much smaller and easier to carry around, although they are paperback.

Update: the pages are very very thin and can be easily tore. I very gently flipped through the pages yet still the metal binder thing tore through a binder hole on one thin piece of paper. Just have to be very careful*****Received loose leaf version of this book for around \$63, great price but sadly a page was damaged when it arrived.

What can I say? I wish I knew Physics already so I wouldn't have to lug this bad boy around!!! What does this thing weigh anyway???...like a jillion friggin' pounds lol. All jokes aside, the size of this book indicates how powerful the contents of it really are, and the tools contained cover to cover will help you understand the world we live in and understand concepts that you wouldn't be able to otherwise. Not to mention, you could knock out an assailant with this monster!!! love it!!!

I am a retired Electrical Engineer & I am taking the MIT Online Physics 8.01 course offered through Edx.org. I found the recommended textbook inadequate so I did some online research and decided to buy University Physics 11th Ed. by Freedman, Ford, et al. After I received the book I realized that it is a many times updated version of the original Sears & Zernansky text I used over 40 years ago in my undergrad studies & I have not been disappointed. The material is beautifully presented & I love the concentration on problem solving.

The best thing about this physics book it has a lot of examples and diagrams explaining concepts. The chapters have problems for every section so as to make sure you understand before moving forward. But still it's physics so it takes a lot more work than usual. The book just makes it fair.

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