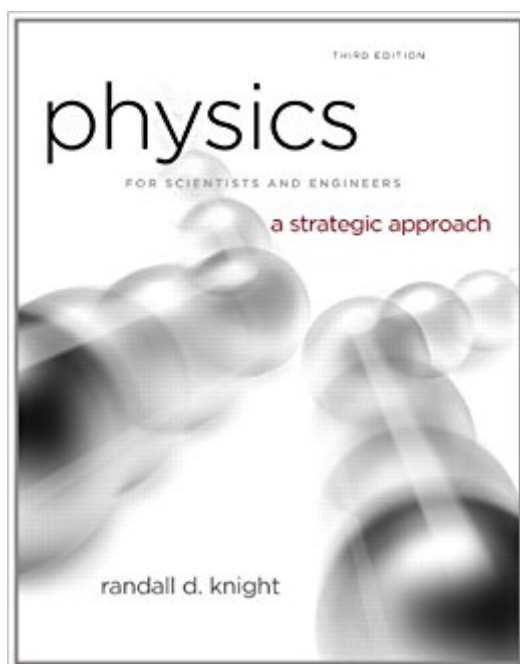


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# Physics For Scientists And Engineers: A Strategic Approach With Modern Physics (3rd Edition)



## Synopsis

NOTE: The product DOES NOT include access code As the most widely adopted new physics book in more than 50 years, Knight's Physics for Scientists and Engineers was published to widespread critical acclaim from professors and students. In the Third Edition, Knight builds on the research-proven instructional techniques he introduced in the first and second editions, as well as national data of student performance, to take student learning even further. Knight's unparalleled insight into student learning difficulties, and his impeccably skillful crafting of text and figures at every level—from macro to micro—to address these difficulties, results in a uniquely effective and accessible book, leading students to a deeper and better-connected understanding of the concepts and more proficient problem-solving skills. For the Third Edition, Knight continues to apply the best results from educational research, and to refine and tailor them for this course and its students. New pedagogical features (Chapter Previews, Challenge Examples, and Data-based Examples), end-of-chapter problem sets enhanced through analysis of national student metadata, and fine-tuned and streamlined content take the hallmarks of the previous editions—exceptionally effective conceptual explanation and problem-solving instruction—to a new level. This package contains: Physics for Scientists and Engineers: A Strategic Approach with Modern Physics, Third Edition For the book with the access card package, please refer ISBN: 0321844351

## Book Information

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## Customer Reviews

Randy Knight has taught introductory physics for nearly 30 years at Ohio State University and California Polytechnic University, where he is currently Professor of Physics and Director of the

Minor in Environmental Studies. Randy received a Ph.D. in physics from the University of California, Berkeley, and was a post-doctoral fellow at the Harvard-Smithsonian Center for Astrophysics before joining the faculty at Ohio State University. It was at Ohio State, under the mentorship of Professor Leonard Jossem, that he began to learn about the research in physics education that, many years later, led to *Five Easy Lessons: Strategies for Successful Physics Teaching* and this book.

Randy's research interests are in the field of lasers and spectroscopy. When he's not in the classroom or in front of a computer, you can find Randy hiking, sea kayaking, playing the piano, or spending time with his wife Sally and their seven cats.

This book is an awesome physics book for learning the basics. Covers a lot of topics in physics from classical mechanics to general relativity.

Excellent. Gave the workbook1 to one who is teaching AP Physics as well as he ordered Baron's C. and Princeton. He liked Princeton best. He thought that the workbook was outstanding. I also ordered Bk 2 which I have not received yet. I knew what Cambridge Offered. Outstanding review. I have used this book in the past for my students. *Acrylic for Dummies* is also outstanding as well.

Best physics book out there.

I rented this book and it came in almost new condition! As for the book itself, it seems to cover a wide swath of physics including a nice and interesting looking section on circuits, excited to get started using!

--Pros--Much easier to read than many other physics books I've read.Covers a lot of topics--Cons--HugeExpensiveMaybe not as in-depth on some subjects as textbooks specific to that topic.

I got an A so something had to make that happen! Great book!

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I hate physics with a passion! EM stuff never makes sense to me, but this book was great to help me out!

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