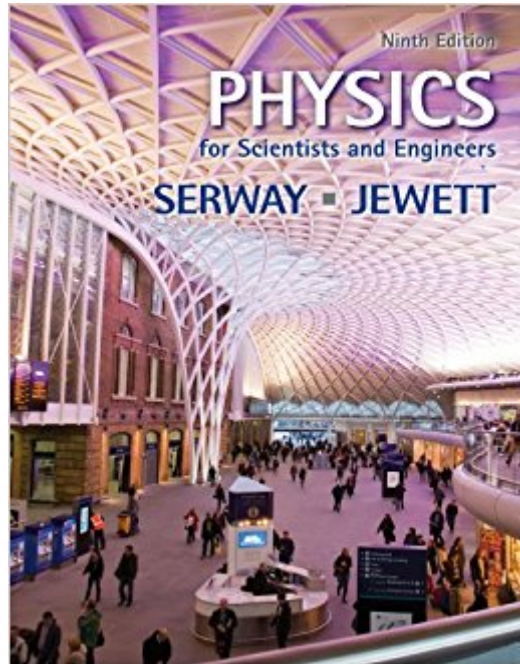


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# Physics For Scientists And Engineers



## Synopsis

Achieve success in your physics course by making the most of what PHYSICS FOR SCIENTISTS AND ENGINEERS has to offer. From a host of in-text features to a range of outstanding technology resources, you'll have everything you need to understand the natural forces and principles of physics. Throughout every chapter, the authors have built in a wide range of examples, exercises, and illustrations that will help you understand the laws of physics AND succeed in your course! Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

## Book Information

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## Customer Reviews

I rented this book. It was in good condition (yay for no highlighting!). I think the material was presented very well and I liked how they put side comments to help you grasp the information. They also provided tips on how to approach problems and "conceptualize". There are answers in the back for ODD (i.e., 3,5,7, etc) homework problems. I only wish that they would provide answers for conceptual and objective questions, and that for some of the book examples, that they be more detailed (just on \*some\* of them). Overall, good book and you can tell they made an effort to help you understand.

I never took AP Physics in High school, and this book seems to teach with the assumption that the reader has some sort of conceptual understanding of basic physics. The book provides a minimum of descriptions and examples given for any given concept. The book usually just asserts physics concepts as existing, giving equations to model these concepts, but not going into much depth on them, ultimately leaving the reader, (at least myself) with a conceptual gap and unable to apply the given formulas in a practical way since I can't identify "when" to use the formulas. For instance, Newton's 2nd and 3rd Laws get a whole page each. Seems like something so fundamental to physics should get a more thorough treatise. Perhaps the reason for the lack of depth is that this book is used for Physics 201, and 202. I'd prefer two books of equivalent mass to this book, each with double the subject depth.

very well written, easy to follow!

I've used this text for two semesters of physics and will be using it again for a third. It's basically just very well written and has great examples and homework problems. I also like how it explains common misconceptions and I like that it doesn't separate the explanation of the topic from the derivation of the actual formula. The only thing I don't like is what my instructor mentioned at the beginning of the first physics course which is that the authors seem to update it every couple years so you might end up having to buy the next edition before you're done with all three semesters of physics.

Useful text that explains the material with a lot of problems to work out and better understand material. Would be better if online companion actually helped solve problems instead of trying to sell you stuff.

Came in great condition, the first few pages read seem pretty well structured.

I purchased the Serway/Jewett Physics for Scientists and Engineers Textbook 7th Edition to aide in my understanding of the core concepts in Physics. I have always found the Serway/Jewett series of Physics textbook to offer the greatest material in terms of helping one individual understand the fundamental meanings of the basic concepts of such a complicated subject. I am a physics major currently enrolled at my local community college taking Physics with Calculus I during this write-up.

Our course is using the Halliday/Resnick 8th Edition Textbook. I have found that the Halliday/Resnick series offers greater homework problems whereas the Serway/Jewett series offer better conceptual understanding of the meanings and formulas. I have occasionally found myself referring back to Serway/Jewett when trying to understand the derivations of certain formulas found in Halliday/Resnick because their explanation or derivation is somewhat lacking. I am sure you would agree if you compare the two textbooks. Anyhow, I would highly recommend this textbook as a "supplement" textbook in gaining a better understanding of the concepts whereas I would recommend the Halliday/Resnick series for better applications of the concepts.

If I'm ever instantly and inexplicably transported back in time this is one of the three books I hope I have on me. You would literally be a wizard if you had this book with you in medieval or neolithic times. Imagine how much more advanced the human race would be if a lone engineering student got transported back in time with this book. My "stuck in time" book list: "Physics for Scientists and Engineers," "John Seymour's New Complete Guide to Self-Sufficiency," "Edible Wild Plants" by Steven Kallas.

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