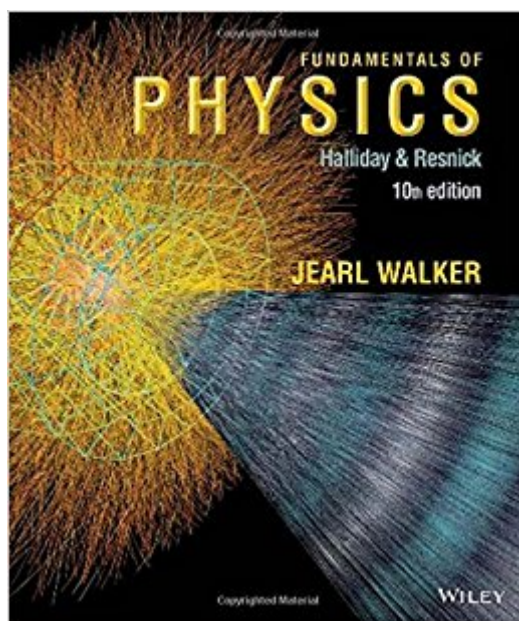


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Fundamentals Of Physics



Synopsis

The 10th edition of Halliday, Resnick and Walker's Fundamentals of Physics provides the perfect solution for teaching a 2 or 3 semester calculus-based physics course, providing instructors with a tool by which they can teach students how to effectively read scientific material, identify fundamental concepts, reason through scientific questions, and solve quantitative problems. The 10th edition builds upon previous editions by offering new features designed to better engage students and support critical thinking. These include NEW Video Illustrations that bring the subject matter to life, NEW Vector Drawing Questions that test students conceptual understanding, and additional multimedia resources (videos and animations) that provide an alternative pathway through the material for those who struggle with reading scientific exposition. WileyPLUS sold separately from text.

Book Information

Hardcover: 1232 pages

Publisher: Wiley; 10 edition (August 5, 2013)

Language: English

ISBN-10: 111823071X

ISBN-13: 978-1118230718

Product Dimensions: 9.4 x 1.5 x 11 inches

Shipping Weight: 6.1 pounds (View shipping rates and policies)

Average Customer Review: 3.9 out of 5 stars See all reviews (401 customer reviews)

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Science & Mathematics > Physics #88 in Books > Science & Math > Physics

Customer Reviews

I've used both Halliday and Giancoli, though the latter I used as a Freshman back in 2002 for first semester physics and the former I used as a post-bac student in 2006/07 when I completed the second semester. I do have to strongly disagree with previous reviewers that the problems are of a difficulty beyond that of the chapters. I had an amazing teacher, but often I found that a problem wasn't exactly like one he went over in class--which is a good thing as the only way to learn physics meaningfully is to spend long hours working away and trying to figure out a problem until that "aha!" moment. There really is no better way to grasp the fundamentals--and this is extremely important depending on your major (such as engineering). I also found the text to be lighthearted--something you rarely find in texts these days. There are many problems that made me quietly laugh while in

the library, often involving penguins or a jumping armadillo (when I later TA'd physics, my students and I had a discussion on whether armadillo's can actually jump; none of us knew the answer...) This text really helped me learn physics--I missed two lectures and I was able to still do the problems assigned and understand the material covered on my own, albeit at a much greater investment of time compared to how it would have been had I made it to the lectures. I will agree the text is difficult, but that is the way calculus-based physics should be. Physics is only ever easy for two reasons--one, because you're following cookie-cutter formulas and the material simply isn't testing your knowledge well enough.

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