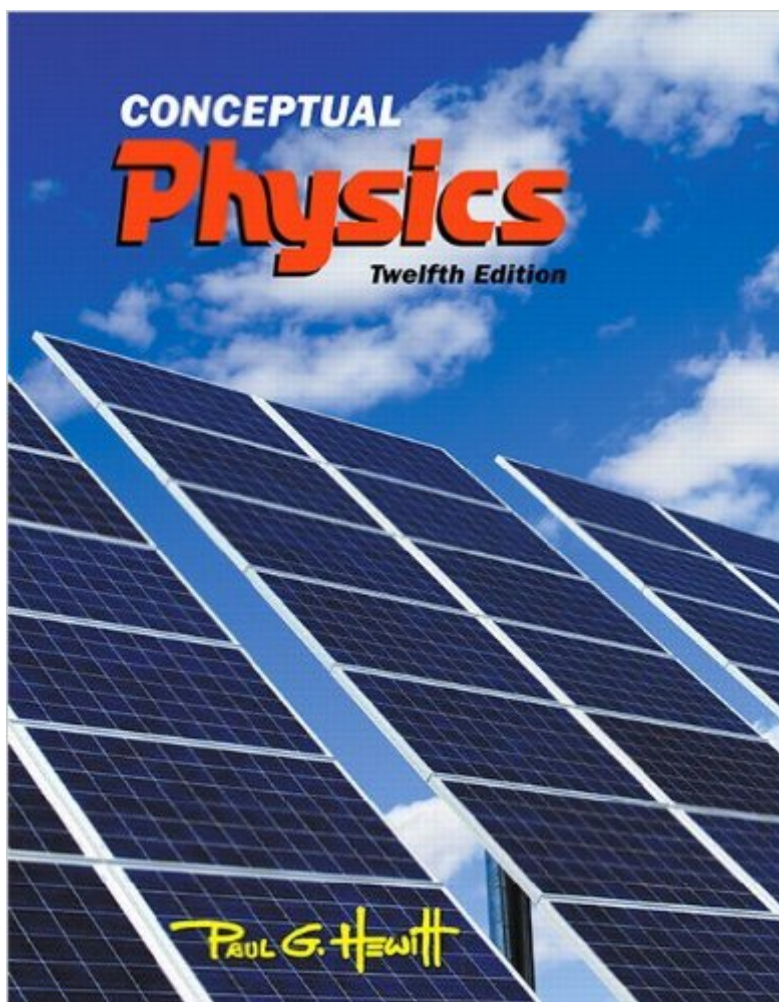


The book was found

Conceptual Physics (12th Edition)



Synopsis

Note: You are purchasing a standalone product; MasteringPhysics does not come packaged with this content. If you would like to purchase both the physical text and MasteringPhysics search for 0321908600 / 9780321908605. That package includes ISBN-10: 0321909100 / 9780321909107 and ISBN-10:032190978X / 9780321909787. MasteringPhysics is not a self-paced technology and should only be purchased when required by an instructor. Conceptual Physics with MasteringPhysics[®], Twelfth Edition Paul Hewitt integrates a compelling text and the most advanced media to make physics interesting, understandable, and relevant for non-science majors. The Twelfth Edition will delight you with informative and fun Hewitt-Drew-It screencasts, updated content, applications, and new learning activities in MasteringPhysics. Hewitt's text is guided by the principle of "concepts before calculations" is famous for engaging students with analogies and imagery from the real-world that build a strong conceptual understanding of physical principles ranging from classical mechanics to modern physics. This program presents a better teaching and learning experience "for you. Personalize learning with MasteringPhysics: MasteringPhysics provides you with engaging experiences that coach you through physics with specific wrong-answer feedback, hints, and a huge variety of educationally effective content. Prepare for lecture: NEW! 100 Hewitt-Drew-It screencasts, authored and narrated by Paul Hewitt, explain physics concepts through animation and narration. The exciting new Screencasts, accessed through QR codes in the textbook, will enable you to engage with the physics concepts more actively outside of class. Make physics delightful: Relevant and accessible narrative, analogies from real-world situations, and simple representations of the underlying mathematical relationships make physics more appealing. Build a strong conceptual understanding of physics: You will gain a solid understanding of physics through practice and problem solving in the book and in MasteringPhysics.

Book Information

Hardcover: 816 pages

Publisher: Pearson; 12 edition (January 16, 2014)

Language: English

ISBN-10: 0321909100

ISBN-13: 978-0321909107

Product Dimensions: 8.6 x 1.3 x 10.9 inches

Shipping Weight: 4.2 pounds (View shipping rates and policies)

Average Customer Review: 4.4 out of 5 stars See all reviews (309 customer reviews)

Best Sellers Rank: #10,521 in Books (See Top 100 in Books) #23 in Books > Textbooks > Science & Mathematics > Physics #88 in Books > Science & Math > Physics #3083 in Books > Reference

Customer Reviews

I would imagine that the answer to my subject heading is, for most people, NO! But for me it was YES!, as I'd never had a physics class, and it was essential, for research that I am conducting, that I have slightly more than an elementary grasp of physics. I turned to this book, and am glad that I did. This book, thankfully, is written in conceptual terms. There are few equations - because equations are necessary in science - but you don't need to know calculus or trigonometry to read this book and walk away with a solid foundation. The author has a clear and easy tone about his writing, and breaks complex concepts down into their simple building blocks so that a typical layperson can understand. I know - because I'm as typical a layperson as they come regarding the sciences. I can't recommend this highly enough.

I am a physics teacher with a degree in physics and I think this is one of the best physics texts I have ever seen. I have used it for quite a few years now, with excellent results. Hewitt packs a lot of information into the book, but teachers and students are not expected to get through it all. The extra material gives the book great applications for a wide variety of audiences, but the responsibility is on the teacher to use it in a way that is not confusing to students. This is the case with any of the standard physics texts (Halliday Resnick, Giancoli). Anyone who discounts this book because it has more words and cartoons than equations and math problems in it has no idea what understanding physics can be. Physics has too long been abused as an applied math course, and this book is a welcome remedy for this. For a general audience, this book provides an excellent overview of the fundamental concepts that make our world run. For science-bound students, it provides an excellent conceptual foundation for a more rigorous calculus-based course where deeper understanding of the connection between math and nature can be explored. On major fault of the book, as one reviewer pointed out, is that Hewitt includes some problems that he does not give readers the math skills to solve. If a teacher assigns these problems, it is necessary that the students have access to the supplementary material written for the text that explains this math. But as a conceptual physics text for a conceptual physics course, Hewitt's book is unparalleled.

This was my first quarter taking physics. In the beginning I was somewhat intimidated, since my only

knowledge of physics were tidbits I had learned from watching the Science Channel and various Michio Kaku shows. However, upon reading the introduction section, I knew it would not be as bad as I had anticipated. The author states in the intro that he wrote the book using his own personal experiences and real-life situations in order to make the book feel personal, rather than like a bland textbook. And I am more than glad he did. His stories in each chapter make the reading easy to understand and remember. They also help the reader apply physics to everyday life. In addition to the book, there are online tutorials and games for every chapter. The code in the book is the password to login. It helps tremendously. The site even has a digital copy of the book, which helps if lugging the book around is inconvenient. And if that weren't enough, the author even includes classroom videos of demonstrations as well as self quizzes for every chapter.

I took freshman physics in college. I picked up this book as a bit of a review. It is well worth reading. It is pitched at a level that a 12 year old could understand, but contains physics that would educate and entertain adults. I recommend getting the accompanying work book as well. There are concept questions and math questions. The math questions at the end of the chapters require knowledge of arithmetic (not heavy algebra or calculus). I recommend this book for those that just like to read educational material for fun.... this is a light enough read to allow that. I also recommend this book for science students that want to get the concepts of physics down, before they get bogged down in the math. It makes your higher level physics book much easier to read. If you don't get this book, you are really missing out on a good thing. KatherinePS yes real girls do read physics

I am a high school physics teacher. While I was taking my teaching physics courses in my undergraduate education (in 1996), Hewitt's approach in teaching physics and his book "Conceptual Physics" was one of the topics that we have discussed in the class. It is also discussed in a well-known textbook of Chiappetta and et. al. "Science Instruction in the Middle and Secondary Schools". His approach and the book can be considered a breakthrough in physics education. The major critique on the book focuses on little or no math used in it. But, it is a natural aspect of "conceptual physics". The main aim of that approach is to facilitate the understanding of concepts of physics which will surely create a robust framework for problem solving in physics and, for advanced physics. Many researches have shown that lack of conceptual base for science is the major responsible for the difficulties in deeper understanding, and/or for the obstacles in the road of problem solving. Do not consider the book as an algebra based or calculus based physics textbook. As its name says, it is "conceptual". No one can ignore (and actually Hewitt himself does not

'ignore') the beauty of math in physics, actually in any science. Dealing with physics by using the math as the language requires two aspects: 1) a well-structured conceptual understanding of physics, 2) mastery in math. The "Conceptual Physics" is for the first aspect. And it does function very well!

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

Conceptual Physics (12th Edition) Leddy & Pepper's Conceptual Bases of Professional Nursing (Conceptual Basis of Professional Nursing (Leddy)) Physics: A Conceptual World View, 7th Edition (Available 2010 Titles Enhanced Web Assign) Laboratory Manual: Activities, Experiments, Demonstrations & Tech Labs for Conceptual Physics The Solid State: An Introduction to the Physics of Crystals for Students of Physics, Materials Science, and Engineering (Oxford Physics Series) Genetics: A Conceptual Approach, 5th Edition Conceptual Physical Science (5th 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 Conceptual Wavelets in Digital Signal Processing Preliminary Design of Boats and Ships: A Veteran Designer's Approach to Conceptual Vessel Design for the Layman and the Beginning Professional Facilitating Learning with the Adult Brain in Mind: A Conceptual and Practical Guide Conceptual Foundations of Human Factors Measurement (Human Factors and Ergonomics) Conceptual Blockbusting: A Guide to Better Ideas Making Sense of Statistics: A Conceptual Overview A Complete Guide to Special Effects Makeup: Conceptual Creations by Japanese Makeup Artists

[Dmca](#)