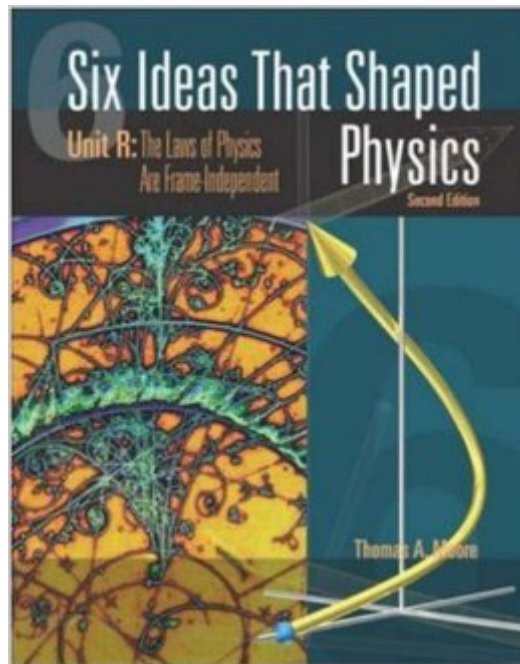


The book was found

Six Ideas That Shaped Physics: Unit R - Laws Of Physics Are Frame-Independent



Synopsis

SIX IDEAS THAT SHAPED PHYSICS is the 21st century's alternative to traditional, encyclopedic textbooks. Thomas Moore designed SIX IDEAS to teach students: --to apply basic physical principles to realistic situations --to solve realistic problems --to resolve contradictions between their preconceptions and the laws of physics --to organize the ideas of physics into an integrated hierarchy

Book Information

Paperback: 240 pages

Publisher: McGraw-Hill Education; 2 edition (August 9, 2002)

Language: English

ISBN-10: 0072397144

ISBN-13: 978-0072397147

Product Dimensions: 8.5 x 0.3 x 10.9 inches

Shipping Weight: 1.9 pounds (View shipping rates and policies)

Average Customer Review: 4.2 out of 5 starsÂ Â See all reviewsÂ (12 customer reviews)

Best Sellers Rank: #442,425 in Books (See Top 100 in Books) #199 inÂ Books > Science & Math > Physics > Relativity #1215 inÂ Books > Textbooks > Science & Mathematics > Physics #109672 inÂ Books > Reference

Customer Reviews

Six Ideas That Shaped Physics Unit R is a one of a kind introductory physics textbook, catering to advanced high school mechanics classes and university-level introductory mechanics. The book itself is thin enough to be manageable, yet examines the experiments leading up to the development of Special Relativity and clearly explains the consequences of the field. The Six Ideas series as a whole provides a far superior introduction to physics than stock college textbooks (such as Halliday & Resnick, etc), but falls short of the great introductory textbooks used by elite schools (Berkeley Physics Course, Kleppner and Kolenkow). This can easily be seen due to the insufficient coverage of angular momentum in this unit. Rather than give a thorough treatment of physics, the author seems to have built the book (in combination with Units C and N) to fit a semester-based time schedule which consequently allows for in-depth focus on a few chosen topics. It should be noted that the series as a whole seems to be geared for the MCAT Physics section (six chapters on geometric optics available on the Six Ideas website). The book is written in a conversational tone which mitigates the dullness of technical lecture. In addition, I am particularly fond of the pre-chapter

outline; a tool that informs the reader the general direction of the arguments and proofs before he or she dives in. The few examples provide challenging demonstrations of problem-solving technique; they are not merely plug-and-chug. These combined with the in-chapter mental exercises are perhaps less testing of knowledge (although some are fairly complex), but are more beneficial as much needed breaks between new ideas.

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

Six Ideas That Shaped Physics: Unit R - Laws of Physics are Frame-Independent Six Ideas That Shaped Physics: Unit C: Conservation Laws Constrain Interactions Six Ideas That Shaped Physics: Unit Q - Particles Behaves Like Waves Frame by Frame The Independent Filmmaker's Law and Business Guide: Financing, Shooting, and Distributing Independent and Digital Films Edexcel A2 Chemistry Student Unit Guide (New Edition): Unit 5 Transition Metals and Organic Nitrogen Chemistry A Unit of Water, a Unit of Time George Eliot Six Pack - Middlemarch, Daniel Deronda, Silas Marner, The Lifted Veil, The Mill on the Floss and Adam Bede (Illustrated with links to free ... all six books) (Six Pack Classics Book 8) Historia de seis ideas / History of six ideas: Arte, belleza, forma, creatividad, mimesis, experiencia est\u00e9tica / Art, Beauty, Type, Creativity, Mimesis, Aestence (Spanish Edition) Customary Laws In Southern Sudan: Customary Laws Of Dinka And Nuer Las 21 Leyes Irrefutables Del Liderazgo [The 21 Irrefutable Laws of Leadership]: Siga estas leyes, y la gente lo seguir\u00e1 a usted [Follow these laws, and people will follow you] Summary - The 48 Laws of Power: Robert Greene --- Chapter by Chapter Summary (The 48 Laws Of Power: A Chapter by Chapter Summary--- Book, Summary, Audiobook, Paperback, Hardcover) Lau's Laws on Hitting: The Art of Hitting .400 for the Next Generation; Follow Lau's Laws and Improve Your Hitting! The Consequences of Ideas: Understanding the Concepts that Shaped Our World The Passion of the Western Mind: Understanding the Ideas that Have Shaped Our World View Passion of the Western Mind: Understanding the Ideas That Have Shaped Our World View Structured Publishing from the Desktop: Frame Technology's Framemaker How to frame a house; or, House and roof framing (a practical of laying out, framing and raising timber house on the balloon principle, system of roof framing, the whole making) Riverbend Timber Framing: Plan Book, Tenth edition (Planning the Timber Frame Home) Mat Cutting and Calculations (How to Frame Book 1)

[Dmca](#)