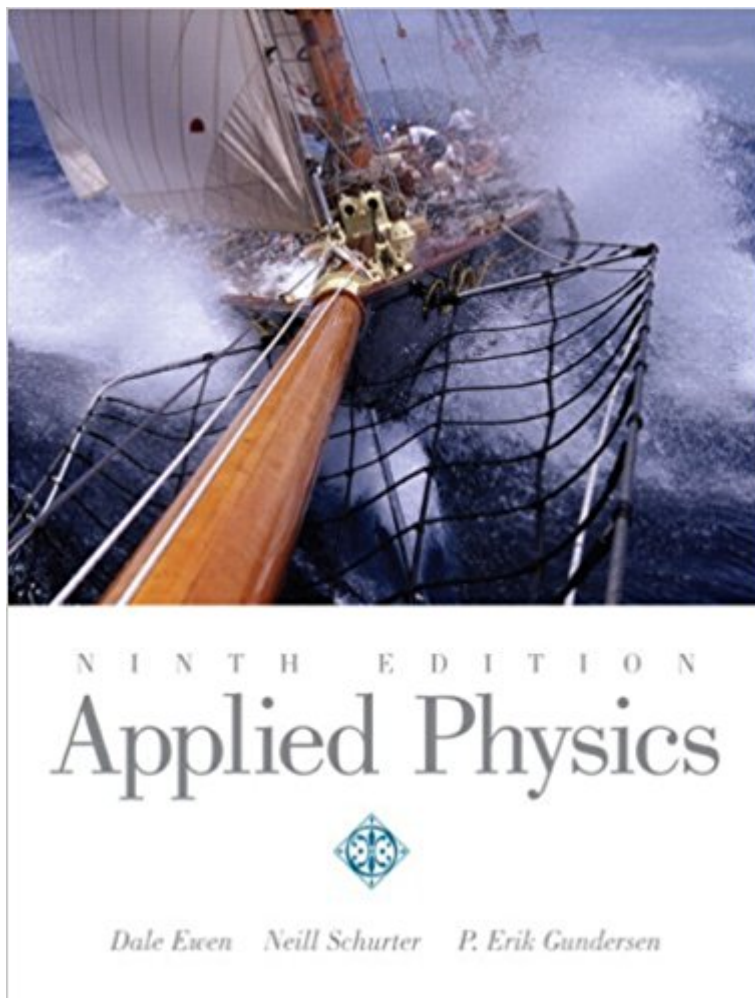


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Applied Physics (9th Edition)



Synopsis

Applied Physics, Ninth Edition (formerly Physics for Career Education) provides comprehensive and practical coverage of physics for students needing an applied physics approach or considering a vocational-technical career. It emphasizes physical concepts as applied to industrial-technical fields and uses common applications to improve the physics and mathematics competence of students. The text is divided into five major areas: mechanics, matter and heat, wave motion and sound, electricity and magnetism, and light and modern physics. This new edition includes more than 120 mostly metric problems and some problems of interest to automotive/diesel and construction students and more than 60 new photos! For individuals preparing for technical or industrial careers.

Book Information

Hardcover: 768 pages

Publisher: Prentice Hall; 9 edition (March 17, 2008)

Language: English

ISBN-10: 0135157331

ISBN-13: 978-0135157336

Product Dimensions: 8.4 x 1.3 x 10.9 inches

Shipping Weight: 3.9 pounds

Average Customer Review: 4.4 out of 5 stars 39 customer reviews

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This highly successful textbook presents clear, to-the-point topical coverage of basic physics applied to industrial and technical fields. A wealth of real-world applications are presented, motivating students by teaching physics concepts in context. KEY FEATURES: Detailed, well-illustrated examples support student understanding of skills and concepts. Extensive problem sets assist student learning by providing ample opportunity for practice. Physics Connections relate the text material to everyday life experiences. Applied Concepts problems foster critical thinking. Biographical sketches of important scientists connect ideas with real people. Unique Problem Solving Method This textbook teaches students to use a proven effective problem-solving methodology. (Insert Icon) The consistent use of this special problem-solving

method trains students to make a sketch, identify the data elements, select the appropriate equation, solve for the unknown quantity, and substitute the data in the working equation. An icon that outlines the method is placed in the margin of most problem sets as a reminder to students.

NEW TO THIS EDITION A new chapter devoted to Problem Solving. More than 120 new problems added—many metric and including new problems for automotive/diesel and construction students. The Vector Chapter has been reorganized and revised to better facilitate topic flow and application. 14 new Try This Activity features 8 new Physics Connections features. The topic of Collisions in Two-Dimensions has been added to Chapter 6. A companion Laboratory Manual contains laboratory exercises that reinforce and illustrate the physics principles. For Additional online resources go to: www.Prenhall.com/ewen

Easy enough to follow. I am taking my physics class online and this does the job but it could be clearer. I have to use the professors notes quite a bit.

Not quite as comprehensive and detailed. "Very summarized" in some areas specially quantum physics section. I was interested in learning some high level stuff, but this book felt like a Grade 9 level book. Meh.

Very good book I have not had a math or physic class in over 15 years .it had been very easy for me to follow for my on line course !This book is very easy to follow !! would highly recommend it !

Really good book. Clearly written and lots of examples.

Had water damage making the pages hard to turn, but everything is readable.

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