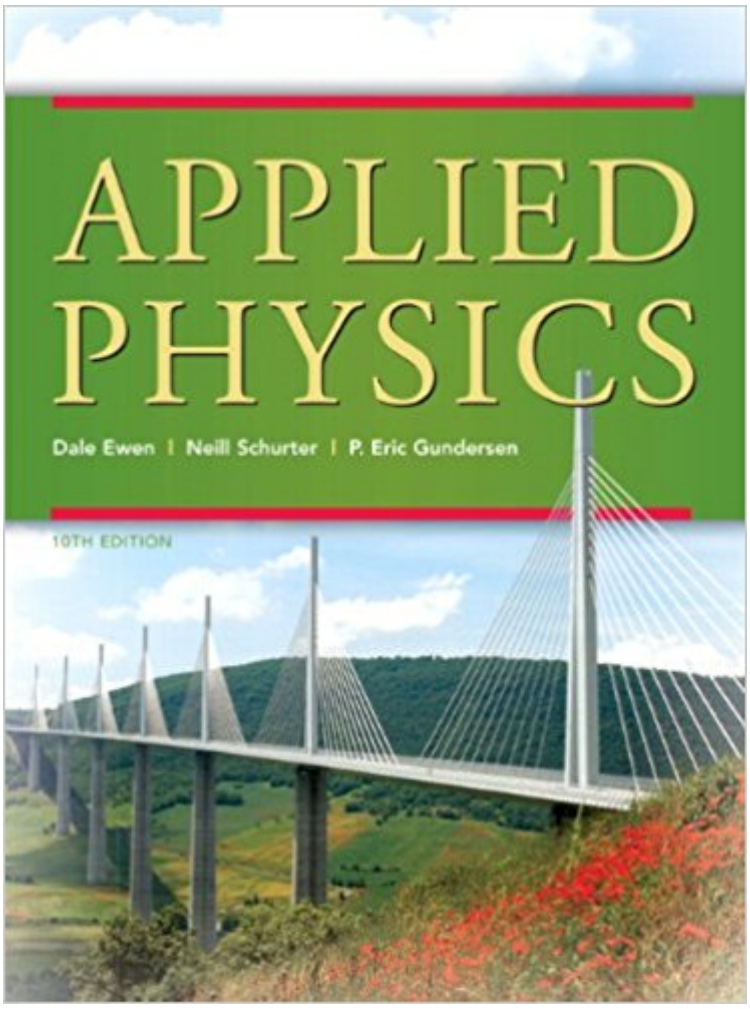
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Applied Physics (10th Edition)



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Synopsis

APPLIED PHYSICS, 10/eÃ Â is aÃ Â highly successful textbook presenting clear, to-the-point topical coverage of basic physics applied to industrial and technical fields. A wealth of real-world applications motivateÃ Â readers by teaching physics concepts in context. Ã Â KEY FEATURES: Detailed, well-illustrated examples supportÃ Â reader understanding of skills and concepts. Extensive problem sets assistÃ Â reader learning by providing ample opportunity for practice. Physics Connections relate the text material to everyday life experiences.Ã Â Applied Concepts problems foster critical thinking. Try This Activity involve demonstrations or mini-activities that can be performed byÃ Â readers to experience a physics concept. Biographical sketches of important scientists connect ideas with real people.Ã Â Unique Problem-Solving Method This textbook teachesÃ Â readers to use a proven, effective problem-solving methodology. The consistent use of this special problem-solving method trainsÃ Â readers 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 readers.Ã Â

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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. Ã Â 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.Ã Â Applied Concepts problems foster critical thinking. Try This Activity involve demonstrations or mini-activities that can be performed by students to experience a physics concept. Biographical sketches of important scientists connect ideas with real people.Ã Â Unique Problem-Solving Method This textbook teaches students to use a proven, effective problem-solving methodology. 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.Ã Â NEW TO THIS EDITION NEW!Ã Â Appendix C, Problem-Solving Strategy:Ã Â Dimensional and Unit Analysis NEW! Section on Alternative Energy Sources NEW!Ã Â Ã¢â ¬Å“Physics ConnectionsÃ¢â ¬Â• features More than 80 new color photos and 30 art illustrations enhance student learningÃ Â A companion Laboratory Manual contains laboratory exercises that reinforce and illustrate the physics principles. Ã Â For Additional online resourcesÃ Â visit: www.prenhall.com/ewen

Dale Ewen, Executive Vice President of Parkland College, Illinois, (1999-present), graduated from the University of Illinois with a B.S. in 1963 and an M. Ed. in 1966. He has been the recipient of several AMATYC (American Mathematical Association of Two-Year Colleges) awards and served as the organization's President (1989-91). Dale continues to write a number of technical mathematic textbooks.Gundersen is teaching physics at Pascack Valley High School in New Jersey.

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 !I would highly recommend it !

Really good book. Clearly written and lots of examples.

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Just the right text book for hame study Physics or classroom use. there may not be many more 9th editions available

Great quality book and worth the keeping.

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