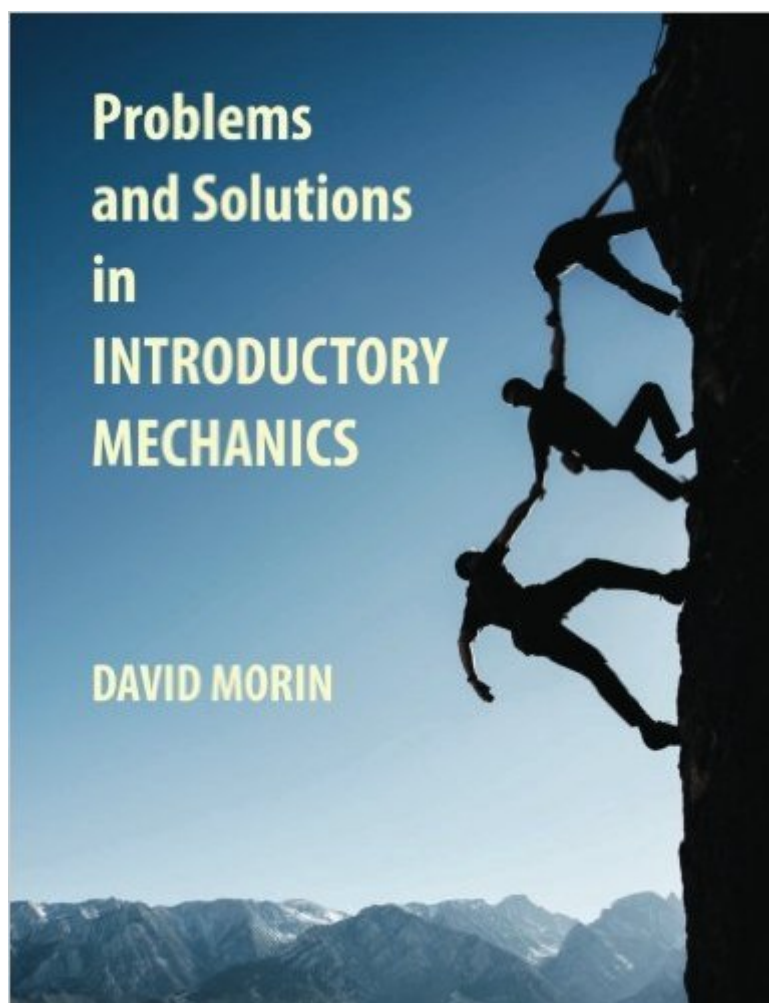


The book was found

Problems And Solutions In Introductory Mechanics



Synopsis

This problem book is ideal for high-school and college students in search of practice problems with detailed solutions. All of the standard introductory topics in mechanics are covered: kinematics, Newton's laws, energy, momentum, angular momentum, oscillations, gravity, and fictitious forces. The introduction to each chapter provides an overview of the relevant concepts. Students can then warm up with a series of multiple-choice questions before diving into the free-response problems which constitute the bulk of the book. The first few problems in each chapter are derivations of key results/theorems that are useful when solving other problems. While the book is calculus-based, it can also easily be used in algebra-based courses. The problems that require calculus (only a sixth of the total number) are listed in an appendix, allowing students to steer clear of those if they wish. Additional details: (1) Features 150 multiple-choice questions and nearly 250 free-response problems, all with detailed solutions. (2) Includes 350 figures to help students visualize important concepts. (3) Builds on solutions by frequently including extensions/variations and additional remarks. (4) Begins with a chapter devoted to problem-solving strategies in physics. (5) A valuable supplement to the assigned textbook in any introductory mechanics course.

Book Information

Paperback: 352 pages

Publisher: CreateSpace Independent Publishing Platform; 1 edition (August 14, 2014)

Language: English

ISBN-10: 1482086921

ISBN-13: 978-1482086928

Product Dimensions: 8.5 x 0.8 x 11 inches

Shipping Weight: 2.2 pounds (View shipping rates and policies)

Average Customer Review: 4.9 out of 5 stars See all reviews (14 customer reviews)

Best Sellers Rank: #89,243 in Books (See Top 100 in Books) #42 in Books > Science & Math > Physics > Mechanics #65 in Books > Textbooks > Science & Mathematics > Mechanics

Customer Reviews

I placed my order for Dr. Morin's first book on January 1st, 2008 here on . Since then, he has brought E&M by Purcell up to date and now has this book to offer. For \$5.95, it is a must have e-book for any high school student thinking of majoring in physics at college. Dr. Morin started mentoring me in high school, then helped me thrive at MIT. He knows the subject inside and out and conveys that knowledge exceptionally well.

for kindle edition - the content of the book is perfect. moreover, it is edited the way such that one can easily read or work on it on kindle. each problem and solution have associated link you can click back and forth. therefore eliminated the trouble to look for answer after done attempting it.

This book not only articulates good problem solving strategies (and the reasons for them); but it also has a lot of good conceptual problems (unlike many other books that have solved physics problems). This is one of my favorite physics study guides.

Specific to the kindle edition- the app on nexus 7 has equations that are essentially unreadable. Given that the Nexus has stock android running, it is puzzling as to why the kindle edition was not tested on stock Google devices first. The kindle app for mac and the cloud reader are both fairly readable, so there are worarounds.

Excellent book, just what I was looking for. Very well written with great examples and problems to solve!

Good book and excellent service!

About the best I have seen.

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

Problems and Solutions in Introductory Mechanics 100 Math Brainteasers (Grade 7, 8, 9, 10).
Arithmetic, Algebra and Geometry Brain Teasers, Puzzles, Games and Problems with Solutions:
Math olympiad contest problems for elementary and middle schools Student Solutions Manual and
Study Guide to accompany Fundamentals of Fluid Mechanics, 5th Edition Microsoft SharePoint
2013 Designing and Architecting Solutions: Designing and Architecting Solutions Sainly Solutions
to Life's Common Problems: From Anger, Boredom, and Temptation to Gluttony, Gossip, and Greed
Raspberry Pi Cookbook: Software and Hardware Problems and Solutions The Doctors Book of
Home Remedies for Dogs and Cats: Over 1,000 Solutions to Your Pet's Problems from Top Vets,
Trainers, Breeders and Other Animal Experts Finite Automata and Regular Expressions: Problems
and Solutions Java for the Web with Servlets, JSP, and EJB: A Developer's Guide to J2EE
Solutions: A Developer's Guide to Scalable Solutions Universal Methods of Design: 100 Ways to
Research Complex Problems, Develop Innovative Ideas, and Design Effective Solutions Bryan

Peterson's Exposure Solutions: The Most Common Photography Problems and How to Solve Them
320 SAT Math Subject Test Problems arranged by Topic and Difficulty Level - Level 2: 160
Questions with Solutions, 160 Additional Questions with Answers Wiley CPA Examination Review
2013-2014, Problems and Solutions (Volume 2) Basic Math for Social Scientists: Problems and
Solutions (Quantitative Applications in the Social Sciences) Interview Math: Over 50 Problems and
Solutions for Quant Case Interview Questions PM Interview Workbook: Over 160 Problems and
Solutions for Product Management Interview Questions Six-Minute Solutions for Civil PE Exam
Water Resources and Environmental Problems 320 ACT Math Problems arranged by Topic and
Difficulty Level, 2nd Edition: 160 ACT Questions with Solutions, 160 Additional Questions with
Answers Problems and Solutions for Basic Federal Income Taxation (American Casebook Series)
The Despicable Five - Five Infuriating Beginning Pottery Problems and Their Solutions

[Dmca](#)