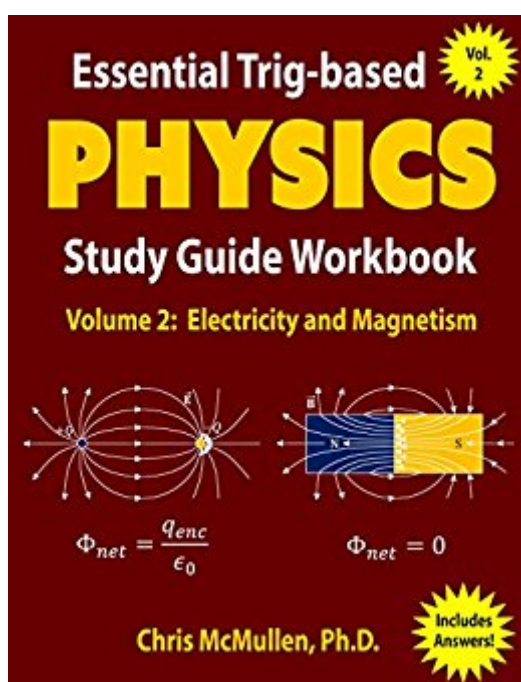


The book was found

Essential Trig-based Physics Study Guide Workbook: Electricity And Magnetism (Learn Physics Step-by-Step Book 2)



Synopsis

LEVEL: This book covers the electricity and magnetism topics from trig-based physics at the university level. (If instead you're looking for a calculus-based physics book, search for ISBN 1941691110.) **DESCRIPTION:** This combination of physics study guide and workbook focuses on essential problem-solving skills and strategies: Fully solved examples with explanations show you step-by-step how to solve standard university physics problems. Handy charts tabulate the symbols, what they mean, and their SI units. Problem-solving strategies are broken down into steps and illustrated with examples. Answers, hints, intermediate answers, and explanations are provided for every practice exercise. Terms and concepts which are essential to solving physics problems are defined and explained. **VOLUME:** This volume covers electricity and magnetism, including electric fields, Gauss's law, circuits, Kirchhoff's rules, magnetic fields, right-hand rules, the law of Biot-Savart, Ampere's law, Lenz's law, Faraday's law, AC circuits, an introduction to Maxwell's equations, and more. **AUTHOR:** The author, Dr. Chris McMullen, has over 20 years of experience teaching university physics in California, Oklahoma, Pennsylvania, and Louisiana (and has also taught physics to gifted high school students). Dr. McMullen currently teaches physics at Northwestern State University of Louisiana. He has also published a half-dozen papers on the collider phenomenology of superstring-inspired large extra dimensions. Chris McMullen earned his Ph.D. in particle physics from Oklahoma State University (and his M.S. in physics from California State University, Northridge). Dr. McMullen is well-known for: engaging physics students in challenging ideas through creativity breaking difficult problems down into manageable steps providing clear and convincing explanations to subtle issues his mastery of physics and strong background in mathematics helping students become more fluent in practical math skills **SOLUTIONS:** The back of the book includes a detailed section of hints, intermediate answers, final answers, and explanations to help you solve each problem one step at a time. It's like having a physics tutor in the back of the book. (However, if you would prefer complete solutions, search for ISBN 1941691137.) **USES:** This study guide workbook can be used to: learn how to solve fundamental problems in trig-based physics find fully-solved examples of standard physics problems develop fluency in physics via practice exercises that include answers, hints, and explanations quickly find the most essential physics terms, concepts, and formulas prepare for the AP physics exam review for standardized exams, such as AP Physics or the MCAT. **CALCULATOR:** Every problem in this book can be solved without the aid of a calculator. This is handy for students who will take a standardized exam like the MCAT Physics, which doesn't allow a calculator. (It's also a handy skill to be able to estimate an answer without relying on a calculator.)

Book Information

File Size: 16252 KB

Print Length: 420 pages

Publisher: Zishka Publishing (March 7, 2017)

Publication Date: March 7, 2017

Sold by:Â Digital Services LLC

Language: English

ASIN: B06XGS6LMS

Text-to-Speech: Enabled

X-Ray: Not Enabled

Word Wise: Not Enabled

Lending: Not Enabled

Enhanced Typesetting: Not Enabled

Best Sellers Rank: #87,271 Paid in Kindle Store (See Top 100 Paid in Kindle Store) #11 inÂ Kindle Store > Kindle eBooks > Nonfiction > Science > Physics > Electromagnetism #17 inÂ Books > Science & Math > Physics > Electromagnetism > Magnetism #19 inÂ Kindle Store > Kindle eBooks > Engineering & Transportation > Engineering > Electrical & Electronics > Electricity Principles

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

Essential Trig-based Physics Study Guide Workbook: Electricity and Magnetism (Learn Physics Step-by-Step Book 2) Essential Calculus-based Physics Study Guide Workbook: Electricity and Magnetism (Learn Physics with Calculus Step-by-Step Book 2) Essential Calculus-based Physics Study Guide Workbook: Electricity and Magnetism (Learn Physics with Calculus Step-by-Step) (Volume 2) 100 Instructive Calculus-based Physics Examples: Electricity and Magnetism (Calculus-based Physics Problems with Solutions Book 2) Electricity and Magnetism, Grades 6 - 12: Static Electricity, Current Electricity, and Magnets (Expanding Science Skills Series) Essential Calculus-based Physics Study Guide Workbook: The Laws of Motion (Learn Physics with Calculus Step-by-Step Book 1) Physics for Kids : Electricity and Magnetism - Physics 7th Grade | Children's Physics Books Glencoe Physical iScience Modules: Electricity and Magnetism, Grade 8, Student Edition (GLEN SCI: ELECTRICITY/MAGNETIS) A Student's Guide Through the Great Physics Texts: Volume III: Electricity, Magnetism and Light: 3 (Undergraduate Lecture Notes in Physics) CLEP College Algebra 2-Trig Review Test Prep Flashcards--CLEP Study Guide Book 2 (Exambusters CLEP Study Guide 4) Physics for Scientists and Engineers: Vol. 2: Electricity and

Magnetism, Light (Physics, for Scientists & Engineers, Chapters 22-35) 25 Uses of Electricity 4th Grade Electricity Kids Book | Electricity & Electronics Shocking! Where Does Electricity Come From? Electricity and Electronics for Kids - Children's Electricity & Electronics Workshop Physics Activity Guide, Module 4: Electricity and Magnetism The Britannica Guide to Electricity and Magnetism (Physics Explained) Understanding Physics (Motion, Sound, and Heat / Light, Magnetism, and Electricity / The Electron, Proton, and Neutron) RealTime Physics Active Learning Laboratories, Module 3: Electricity and Magnetism Electricity and Magnetism: Experiments in Physics Waves, Electricity and Magnetism: Experiments in Physics FlipItPhysics for University Physics: Electricity and Magnetism (Volume Two)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)