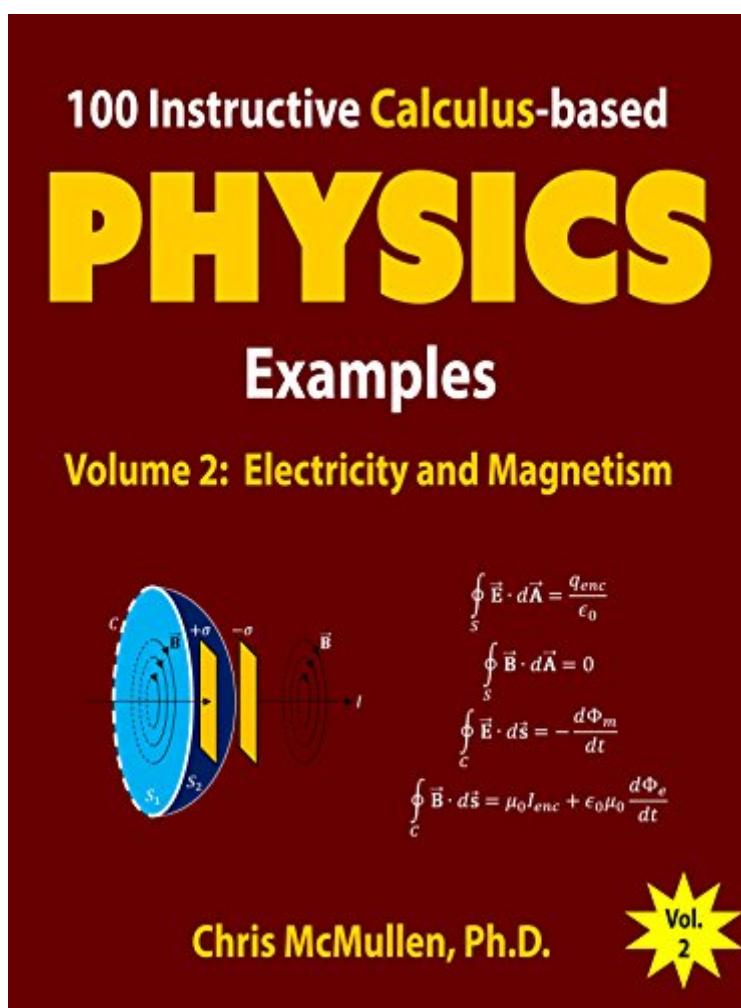


The book was found

100 Instructive Calculus-based Physics Examples: Electricity And Magnetism (Calculus-based Physics Problems With Solutions Book 2)



Synopsis

DESCRIPTION: over 100 fully-solved examplesstep-by-step solutions with explanationsstandard problems from physics with calculusincludes tables of equations, symbols, and unitsThis volume covers electricity and magnetism, including electric field, Gauss' law, electric potential, capacitance, resistance, Kirchhoff's rules, RC Circuits, right-hand rules, magnetic field, the law of Biot-Savart, Ampere's law, Faraday's law, Lenz's law, inductance, AC circuits, 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 creativitybreaking difficult problems down into manageable stepsproviding clear and convincing explanations to subtle issueshis mastery of physics and strong background in mathematicshelping students become more fluent in practical math skills
MATH REVIEW: A separate chapter covers essential calculus skills (including relevant integration techniques) and reviews common coordinate systems.
USES: This physics book serves two functions: It provides a variety of examples for how to solve fundamental physics problems. It's also the solutions manual to Essential Calculus-based Physics Study Guide Workbook, ISBN 978-1-941691-11-3.

Book Information

File Size: 16630 KB

Print Length: 406 pages

Publisher: Zishka Publishing (May 17, 2017)

Publication Date: May 17, 2017

Sold by: Digital Services LLC

Language: English

ASIN: B072J4FQ9J

Text-to-Speech: Enabled

X-Ray: Not Enabled

Word Wise: Not Enabled

Lending: Enabled

Enhanced Typesetting: Not Enabled

Best Sellers Rank: #71,761 Paid in Kindle Store (See Top 100 Paid in Kindle Store) #10 in Kindle Store > Kindle eBooks > Nonfiction > Science > Physics > Electromagnetism #12 in Books > Science & Math > Physics > Electromagnetism > Magnetism #15 in Kindle Store > Kindle eBooks > Engineering & Transportation > Engineering > Electrical & Electronics > Electricity Principles

Customer Reviews

excellent production

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

100 Instructive Calculus-based Physics Examples: Electricity and Magnetism (Calculus-based Physics Problems with Solutions Book 2) 100 Instructive Calculus-based Physics Examples: The Laws of Motion (Calculus-based Physics Problems with Solutions) 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) Electricity and Magnetism, Grades 6 - 12: Static Electricity, Current Electricity, and Magnets (Expanding Science Skills Series) Essential Trig-based Physics Study Guide Workbook: Electricity and Magnetism (Learn Physics Step-by-Step Book 2) 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) Physics for Scientists and Engineers: Vol. 2: Electricity and Magnetism, Light (Physics, for Scientists & Engineers, Chapters 22-35) A Student's Guide Through the Great Physics Texts: Volume III: Electricity, Magnetism and Light: 3 (Undergraduate Lecture Notes in Physics) 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 An Advanced Introduction to Calculus-Based Physics (Mechanics) (Physics with Calculus Book 1) Essential Calculus-based Physics Study Guide Workbook: The Laws of Motion (Learn Physics with Calculus Step-by-Step Book 1) 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 Workshop Physics Activity Guide, Module 4: Electricity and Magnetism Electricity and Magnetism: Experiments in Physics Waves, Electricity and Magnetism: Experiments in Physics FliptPhysics for

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)