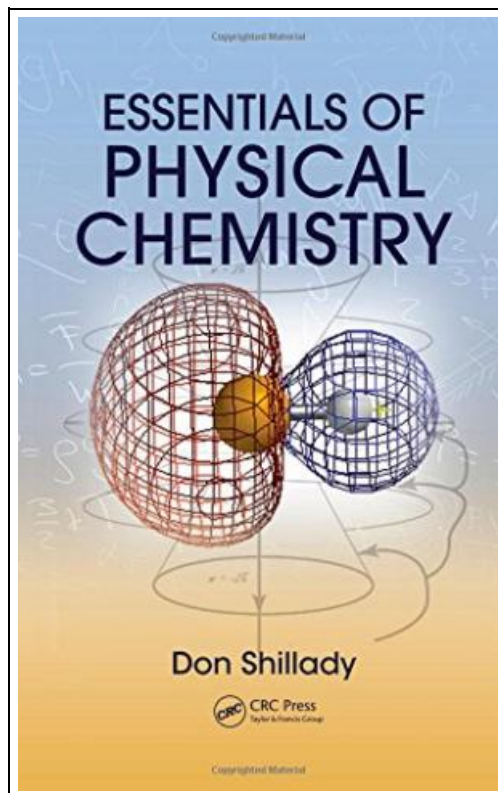


Essentials of Physical Chemistry (Hardback)



Filesize: 6.91 MB

Reviews

An exceptional publication as well as the font employed was exciting to see. it was actually writtern extremely flawlessly and helpful. Once you begin to read the book, it is extremely difficult to leave it before concluding.
(Dominic Collins)

ESSENTIALS OF PHYSICAL CHEMISTRY (HARDBACK)



Taylor & Francis Inc, United States, 2011. Hardback. Condition: New. Language: English. Brand new Book. At a time when U.S. high school students are producing low scores in mathematics and science on international examinations, a thorough grounding in physical chemistry should not be considered optional for science undergraduates. Based on the author's thirty years of teaching, Essentials of Physical Chemistry merges coverage of calculus with chemistry and molecular physics in a friendly yet thorough manner. Reflecting the latest ACS guidelines, the book can be used as a one or two semester course, and includes special topics suitable for senior projects. The book begins with a math and physics review to ensure all students start on the same level, and then discusses the basics of thermodynamics and kinetics with mathematics tuned to a level that stretches students' abilities. It then provides material for an optional second semester course that shows students how to apply their enhanced mathematical skills in a brief historical development of the quantum mechanics of molecules. Emphasizing spectroscopy, the text is built on a foundation of quantum chemistry and more mathematical detail and examples. It contains sample classroom-tested exams to gauge how well students know how to use relevant formulas and to display successful understanding of key concepts. Coupling the development of mathematical skills with chemistry concepts encourages students to learn mathematical derivations. Mini-biographies of famous scientists make the presentation more interesting from a "people" point of view. Stating the basic concepts of quantum chemistry in terms of analogies provides a pedagogically useful technique. Covering key topics such as the critical point of a van der Waals gas, the Michaelis-Menten equation, and the entropy of mixing, this classroom-tested text highlights applications across the range of chemistry, forensic science, pre-medical science and chemical engineering. In a presentation of fundamental topics held together...



[Read Essentials of Physical Chemistry \(Hardback\) Online](#)



[Download PDF Essentials of Physical Chemistry \(Hardback\)](#)

Other Kindle Books



China rolls of junior high school students to write Division practice: Grade 7 (Vol.2) (the New Curriculum languages ??S Edition) (2013 spring)(Chinese Edition)

paperback. Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment.Paperback. Pub Date: November 2012 Pages: 46 Language: Chinese Publisher: Shanghai Jiaotong University Press from...

[Read eBook](#)

»



High school science test must use the book in English - (6th Amendment)

paperback. Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment.Pages Number: 615 Publisher: Hunan University Press Pub. Date :2011-6-1. This book is a set...

[Read eBook](#)

»



Negotiating with Backbone: Eight Sales Strategies to Defend Your Price and Value (Hardback)

Pearson Education (US), United States, 2015. Hardback. Condition: New. 2nd edition. Language: English. Brand new Book. B2B sales professionals: resist mindless discounting, level the playing field against tough procurement organizations, and close the deal on...

[Read eBook](#)

»



Academic Writing and Grammar for Students (Hardback)

Sage Publications Ltd, United Kingdom, 2015. Hardback. Condition: New. 2nd Revised edition. Language: English. Brand new Book. Available as an E-Inspection Copy! Go here to orderGrappling with grammar? Struggling with punctuation? Whether you're writing an...

[Read eBook](#)

»



Genuine new book Essentials of Leadership: Principles and Practice (4th Edition) (U.S.) Shiliboge. (U.S.(Chinese Edition)

paperback. Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment.Paperback. Pub Date :2012-05-01 Pages: 280 Publisher: Welcome to Our Publishing House of Electronics Industry....

[Read eBook](#)

»