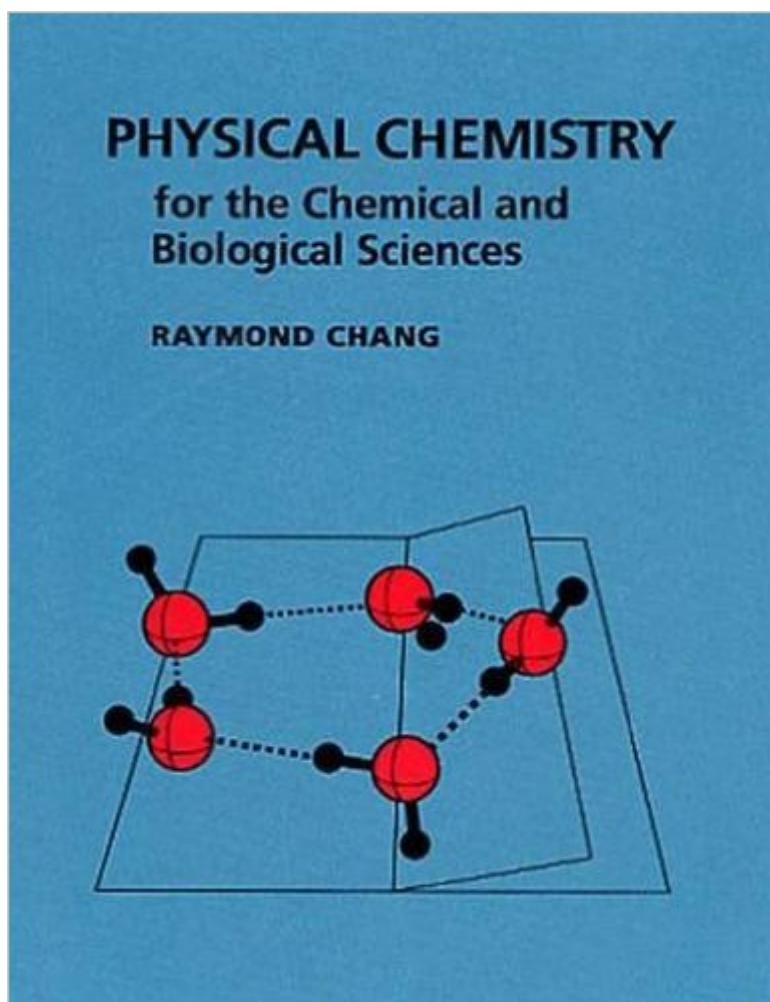


The book was found

Physical Chemistry For The Chemical And Biological Sciences



Synopsis

Hailed by advance reviewers as a kinder, gentler P. Chem. text, this book meets the needs of a one-semester course or a full-year course in physical chemistry. It is an ideal choice for classes geared toward pre-medical and life sciences students. Or, as stated in a May 2001 review in Journal of Chemical Education, this text meets these students where they are and opens the door to physical chemistry from a perspective they can appreciate. Physical Chemistry for the Chemical and Biological Sciences offers a wealth of applications to chemical and biological problems, numerous chapter-ending exercises, and an accompanying solutions manual. Well known for his clear writing and careful pedagogical approach, Raymond Chang has developed yet another masterpiece in chemical education.

Book Information

Hardcover: 960 pages

Publisher: University Science Books; 3rd edition (March 1, 2000)

Language: English

ISBN-10: 1891389068

ISBN-13: 978-1891389061

Product Dimensions: 8.3 x 2.1 x 10.8 inches

Shipping Weight: 5 pounds (View shipping rates and policies)

Average Customer Review: 4.3 out of 5 starsÂ See all reviewsÂ (13 customer reviews)

Best Sellers Rank: #206,033 in Books (See Top 100 in Books) #41 inÂ Books > Science & Math > Chemistry > Physical & Theoretical > Physical Chemistry #211 inÂ Books > Engineering & Transportation > Engineering > Bioengineering > Biochemistry #666 inÂ Books > Textbooks > Science & Mathematics > Chemistry

Customer Reviews

I took a p-chem course many years ago, where the professor was using his handwritten notes from a book that was out of print. I learned almost nothing from that course because his handwriting was horrible and there was no uniform system of organizing his thoughts. I took another p-chem course more recently that used this book. This book is much better than no book. Chang does a really good job of organizing info by topic and presenting things in a sort of stepwise order that students can follow to get from one concept to the next. I have seen some better p-chem books on the market that are easier to read though. You will need to have a basic understanding of general chemistry principles, math (geometry, trigonometry, calculus 1 & 2, differential equations) and basic physics

(Newtonian and electronics/magnetism at least so you know the difference between electricity and electromagnetism); and a good ability to mentally convert a paper image into 3 dimensions for some of the more advanced stuff. This book will teach you thermodynamics from a chemistry perspective, so if you are an engineer or physicist and have already learned your thermodynamics you will be required to look at the same topics from a different frame of reference, defining "system" and "surroundings" a bit differently so in some cases the flow of energy will be depicted BACKWARDS compared to what you're used to. If you are a chemist, this is not a problem because for the rest of your career you will probably see energy flows depicted the same way they are in this book. If your school offers a p-chem lab course, I highly recommend that in addition to reading this book.

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

Physical Chemistry for the Chemical and Biological Sciences Physical Chemistry: Principles and Applications in Biological Sciences (4th Edition) Physical Chemistry Plus MasteringChemistry with eText -- Access Card Package (3rd Edition) (Engel Physical Chemistry Series) Sterling Test Prep MCAT Practice Tests: Chemical & Physical + Biological & Biochemical Foundations Chemistry, Grades 6 - 12: Physical and Chemical Changes in Matter (Expanding Science Skills Series) Chemistry: An Introduction to General, Organic, and Biological Chemistry (12th Edition) Physical Chemistry: with Applications to the Life Sciences Surviving Chemistry Workbook: High School Chemistry: 2015 Revision - with NYS Chemistry Reference Tables Introduction to Chemical Engineering Thermodynamics (The Mcgraw-Hill Chemical Engineering Series) Glencoe Physical iScience Modules: Chemistry, Grade 8, Student Edition (GLEN SCI: CHEMISTRY) Greek Fire, Poison Arrows, and Scorpion Bombs: Biological & Chemical Warfare in the Ancient World The Nature of the Chemical Bond and the Structure of Molecules and Crystals: An Introduction to Modern Structural Chemistry Introduction to Bioorganic Chemistry and Chemical Biology Writing Papers in the Biological Sciences Sterling Test Prep MCAT Practice Tests: Chemical & Physical Foundations Water Quality Engineering: Physical / Chemical Treatment Processes General, Organic, and Biological Chemistry: Structures of Life (4th Edition) Fundamentals of General, Organic, and Biological Chemistry (7th Edition) College Mathematics for Business, Economics, Life Sciences, and Social Sciences (13th Edition) College Mathematics for Business, Economics, Life Sciences and Social Sciences (12th Edition) (Barnett)

[Dmca](#)