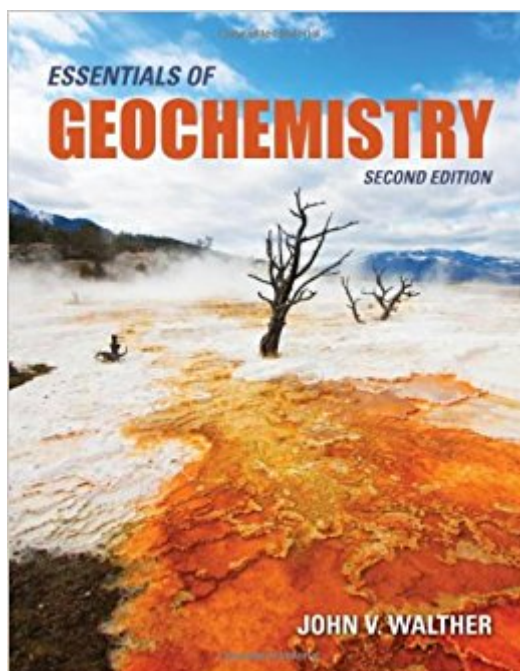


The book was found

# Essentials Of Geochemistry



## Synopsis

Updated throughout with the latest data and findings, the Second Edition of Essentials of Geochemistry provides students with a solid understanding of the fundamentals of and approaches to modern geochemical analysis. The text uses a concepts of chemical equilibrium approach, which considers the reactions that occur as a result of changes in heat production and pressure within the Earth to introduce students to the basic geochemical principles. This text is for those who want a quantitative treatment that integrates the principles of thermodynamics, solution chemistry, and kinetics into the study of earth processes. This timely text contains numerous examples and problems sets which use SUPCRT92 to allow students to test their understanding of thermodynamic theory and maximize their comprehension of this prominent field. New sections introduce current topics such as global geochemical change with the short and long term carbon cycle, carbon isotopes and the Permo-Triassic extinction event, kinetics and the origin of life and the use of boron and nitrogen isotopes.

## Book Information

Hardcover: 797 pages

Publisher: Jones & Bartlett Learning; 2 edition (December 5, 2008)

Language: English

ISBN-10: 0763759228

ISBN-13: 978-0763759223

Product Dimensions: 7.5 x 1.6 x 9.2 inches

Shipping Weight: 3 pounds (View shipping rates and policies)

Average Customer Review: 3.8 out of 5 stars 7 customer reviews

Best Sellers Rank: #770,961 in Books (See Top 100 in Books) #93 in Books > Science & Math > Chemistry > Geochemistry #1360 in Books > Science & Math > Earth Sciences > Geology #2070 in Books > Textbooks > Science & Mathematics > Earth Sciences

## Customer Reviews

Very technical which has its advantages but also lacking some clarity which can make reading difficult and cumbersome. Exercises in the book can be very time consuming and challenging as well

Good supplement to read along with professors lectures.

Good

My prof. utilized this text for the first time last semester, and assumed it would be a good text. My background was Chem I, Chem II, Organic Chem, and Quantitative Analysis. I and a classmate with a similar background both found this text to be ineffective and inefficient. For example, one must page to Chapter 5 before finding a periodic table; every chemistry text I've seen thus far includes one on the opening pages. The treatment of atomic orbital energies was the worst I've ever seen - what introductory texts handle with a few well-chosen diagrams was written out into a page of excruciating text (p 146-147). Equations were given, but it was not always readily clear what each symbol stood for; examples were nearly non-existent. I was so excited about this course and I'm just grateful that the instructor was of much higher quality than the text.

This book is well-intended, covering a fairly wide array of concepts. However, open the book from either the front or back, and you will find nice large, empty inside front and back covers! This is the first chemistry/physics/engineering text I've encountered with no equations, constants and conversions printed immediately inside the covers(or anywhere else, for that matter)! This one fact makes the book difficult and time-consuming to use for completing homework assignments and learning new concepts. A near total lack of diagrams, charts or graphic representation of concepts is also disappointing.

this is a required textbook for a class.it was less expensive here than the campus bookstore.the book is like most textbooks, informative.all aspects of the purchase transaction were satisfactory.

This is a very well covered textbook. Cogent explanations at a very fair price!

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

Diffusion, Atomic Ordering, and Mass Transport: Selected Problems in Geochemistry (Advances in Physical Geochemistry) Modern Essentials Bundle 6th - Modern Essentials 6th Edition a Contemporary Guide to the Therapeutic Use of Essential Oils, An Introduction to Modern Essentials, and Modern Essentials Reference Card Essentials Of Geochemistry Prepper Essentials: Prepper Essentials What Every Survivalist Needs To Know When Building The Ultimate SHTF Stockpile (Survival Handbook, DIY, Emergency ... Essentials Books, Emergency Prepared) Geochemistry Geochemistry, Groundwater and Pollution, Second Edition Groundwater Geochemistry and Isotopes Aqueous Environmental Geochemistry Principles of Stable Isotope Geochemistry

Introduction to Geochemistry: Principles and Applications Environmental and Low Temperature  
Geochemistry Isotope Geochemistry (Wiley Works) Petroleum Geochemistry and Geology Inorganic  
Chemistry for Geochemistry and Environmental Sciences: Fundamentals and Applications  
Principles of Environmental Geochemistry Principles and Applications of Geochemistry (2nd Edition)  
Geochemistry: Pathways and Processes Geochemistry: An Introduction Geochemistry of oilfield  
waters, Volume 1 (Developments in Petroleum Science) Inorganic Geochemistry (Pergamon  
International Library of Science, Technology, Engineering & Social Studies)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)