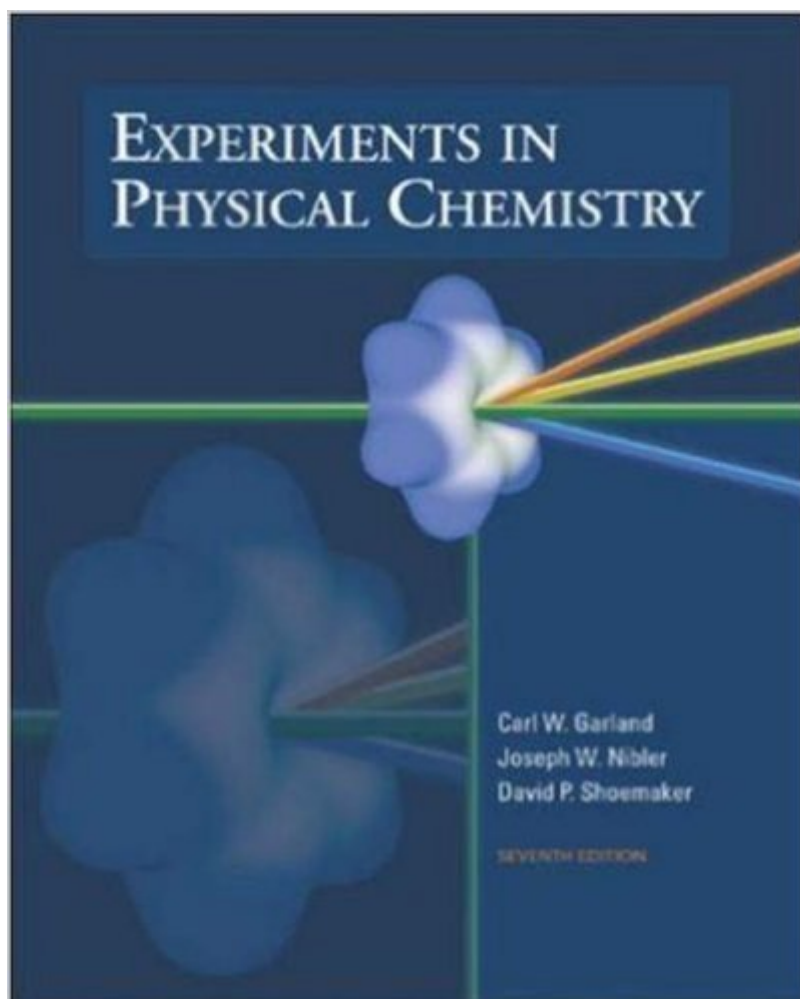


The book was found

Experiments In Physical Chemistry



Synopsis

This best-selling comprehensive lab textbook includes experiments with background theoretical information, safety recommendations, and computer applications. Updated chapters are provided regarding the use of spreadsheets and other scientific software as well as regarding electronics and computer interfacing of experiments using Visual Basic and LabVIEW. Supplementary instructor information regarding necessary supplies, equipment, and procedures is provided in an integrated manner in the text.

Book Information

Hardcover: 800 pages

Publisher: McGraw-Hill Science/Engineering/Math; 7 edition (July 12, 2002)

Language: English

ISBN-10: 007231821X

ISBN-13: 978-0072318210

Product Dimensions: 7.9 x 1.4 x 10.3 inches

Shipping Weight: 3.4 pounds

Average Customer Review: 3.9 out of 5 stars [See all reviews](#) (18 customer reviews)

Best Sellers Rank: #440,643 in Books (See Top 100 in Books) #104 in [Books > Science & Math > Chemistry > Physical & Theoretical > Physical Chemistry](#) #1151 in [Books > Textbooks > Science & Mathematics > Chemistry](#) #109915 in [Books > Reference](#)

Customer Reviews

One of the most comprehensive physical chemistry lab text, SGN discusses about calculations and presentation of data, uncertainties in data and results, background and theory for each experiment. Experimentals are extremely clear and detailed, though individual instructors might develop modifications. The uncertainties section might be supplemented by John Taylor's "Introduction to Error Analysis" for more in-depth reference. Experiments are grouped into topics like Gases, Transport Properties of Gases, Solutions, Electrochemistry, Kinetics, and Spectroscopy, etc. The text also devotes an incredible amount of pages on electronic devices, vacuum techniques, instruments and lab procedures for reference. Many lab texts are published, yet SGN might be the best for students.

As a student taking p-chem lab and now as a teaching assistant on the other side of the desk, I've come to greatly appreciate this text. It is well written and easy for students to grasp. The instructions

are complete and sufficient background is provided for the students to understand not only what they are to do but also why they are to do it. Granted, not all students will find it sufficient, but there are generous references within the text to point these students in the direction of more complete treatments of the specific point in question. Overall, it is a very highly recommended text.

Like my professor said, this book is more than just a reference for the experiments we do in class. This book also breaks down how to write a lab report and shows an example with the explanation. Although, some of the calculation instructions are not clear. Overall, this is a good book for p-chem.

This is designed as a series of experiments for the physical chemistry lab, with a little bit of exposition to describe the principles explored in each lab exercise. Paired with a good pchem textbook, this thing can be really useful.

I felt the book did a great job explaining the labs from the perspective of the applications to the PChem theory learned in other classes. This book lacks good explanations of theory, so hold onto your pchem text if you need this book for a class!!!

had to buy it for a class. but does not fully explain all the terms it uses in the book had to search the internet to find them out.

Has a lot of theory and apparatus for performing lab and writing reports. Would use this as a reference rather than looking online and risking plagiarism

The book works well enough. The mathematics and theory explaining is good although the experiment details and question clarity is somewhat lacking.

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

Experiments In Physical Chemistry Chemistry Experiments for Physical Science and Engineering
Majors Experiments in Physical Chemistry, 7TH EDITION Dad's Book of Awesome Science
Experiments: From Boiling Ice and Exploding Soap to Erupting Volcanoes and Launching Rockets,
30 Inventive Experiments to Excite the Whole Family! Ace Organic Chemistry I: The EASY Guide to
Ace Organic Chemistry I: (Organic Chemistry Study Guide, Organic Chemistry Review, Concepts,
Reaction Mechanisms and Summaries) Ace General Chemistry I and II (The EASY Guide to Ace
General Chemistry I and II): General Chemistry Study Guide, General Chemistry Review Ace

General Chemistry I: The EASY Guide to Ace General Chemistry I: (General Chemistry Study Guide, General Chemistry Review) Physical Methods in Heterocyclic Chemistry (General Heterocyclic Chemistry) Physical Chemistry Vol 2: Quantum Chemistry Quantum Chemistry (Physical Chemistry Series) Quantum Chemistry & Spectroscopy Plus MasteringChemistry with eText -- Access Card Package (3rd Edition) (Engel Physical Chemistry Series) Radioanalytical Chemistry Experiments Unimolecular Reaction Dynamics: Theory and Experiments (International Series of Monographs on Chemistry) Safety-Scale Laboratory Experiments for Chemistry for Today (Brooks/Cole Laboratory Series for General, Organic, and Biochemistry) Microscale and Miniscale Organic Chemistry Laboratory Experiments Laboratory Experiments for Chemistry: The Central Science (13th Edition) Chemistry Experiments for Children (Dover Children's Science Books) Seidel's Guide to Physical Examination, 8e (Mosby's Guide to Physical Examination) Zitelli and Davis' Atlas of Pediatric Physical Diagnosis: Expert Consult - Online and Print, 6e (Zitelli, Atlas of Pediatric Physical Diagnosis) Textbook of Physical Diagnosis: History and Examination With STUDENT CONSULT Online Access, 7e (Textbook of Physical Diagnosis (Swartz))

[Dmca](#)