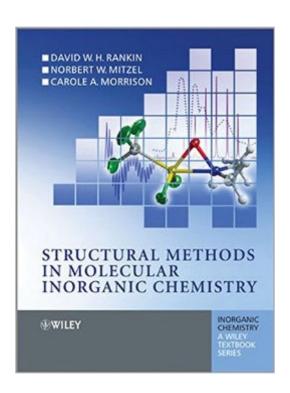
The book was found

Structural Methods In Molecular Inorganic Chemistry





Synopsis

Determining the structure of molecules is a fundamental skill that all chemists must learn. Structural Methods in Molecular Inorganic Chemistry is designed to help readers interpret experimental data, understand the material published in modern journals of inorganic chemistry, and make decisions about what techniques will be the most useful in solving particular structural problems. Following a general introduction to the tools and concepts in structural chemistry, A the following topics are covered in detail: ⠢ computational chemistry ⠢ nuclear magnetic resonance spectroscopy ⠢ electron paramagnetic resonance spectroscopy ⠢ Mössbauer spectroscopy â ϕ rotational spectra and rotational structure â ϕ vibrational spectroscopy â ϕ electronicÂ characterization techniques ⠢ diffraction methods ⠢ mass spectrometry The final chapter presents a series of case histories, illustrating how chemists have applied a broad range of structural techniques to interpret and understand chemical systems. Throughout the textbook a strong connection is made between theoretical topics and the real world of practicing chemists. Each chapter concludes with problems and discussion questions, and a supporting website contains additional advanced material. Structural Methods in Molecular Inorganic Chemistry is an extensive update and sequel to the successful textbook Structural Methods in Inorganic Chemistry by Ebsworth, Rankin and Cradock. It is essential reading for all advanced students of chemistry, and a handy reference source for the professional chemist.

Book Information

Paperback: 496 pages

Publisher: Wiley; 1 edition (April 1, 2013)

Language: English

ISBN-10: 0470972785

ISBN-13: 978-0470972786

Product Dimensions: 7.6 x 0.8 x 9.7 inches

Shipping Weight: 2.1 pounds (View shipping rates and policies)

Average Customer Review: 5.0 out of 5 stars Â See all reviews (1 customer review)

Best Sellers Rank: #1,207,467 in Books (See Top 100 in Books) #222 in Books > Science &

Math > Chemistry > Inorganic #812 in Books > Science & Math > Chemistry > Physical &

Theoretical #3187 in Books > Textbooks > Science & Mathematics > Chemistry

Customer Reviews

Provides information on the topic in a logical process and gives enough information to prevent you

from guessing how they came to their conclusions.

Download to continue reading...

Structural Methods in Molecular Inorganic Chemistry High Throughput Screening: Methods and Protocols (Methods in Molecular Biology) (Methods in Molecular Biology, 190) Molecular Visions (Organic, Inorganic, Organometallic) Molecular Model Kit #1 by Darling Models to accompany Organic Chemistry Inorganic and Organometallic Reaction Mechanisms (Brooks/Cole Series in Inorganic Chemistry) Biological Inorganic Chemistry, Second Edition: A New Introduction to Molecular Structure and Function 1006/ Researcher Inorganic Chemistry D-set (HGS Polyhedron Molecular Model) Photometric Methods in Inorganic Trace Analysis (Comprehensive Analytical Chemistry) (Vol 20) Bioinorganic Chemistry -- Inorganic Elements in the Chemistry of Life: An Introduction and Guide Landmarks in Organo-Transition Metal Chemistry: A Personal View (Profiles in Inorganic Chemistry) Introduction to Cluster Chemistry (Prentice Hall Inorganic and Organometallic Chemistry Series) NMR Spectroscopy in Inorganic Chemistry (Oxford Chemistry Primers) Organic & Inorganic Molecular Model Kit Antibody Phage Display: Methods and Protocols (Methods in Molecular Biology) Patch-Clamp Methods and Protocols (Methods in Molecular Biology) Vaccine Technologies for Veterinary Viral Diseases: Methods and Protocols (Methods in Molecular Biology) HPLC of Peptides and Proteins: Methods and Protocols (Methods in Molecular Biology) 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) Structural Stability of Steel: Concepts and Applications for Structural Engineers

Dmca