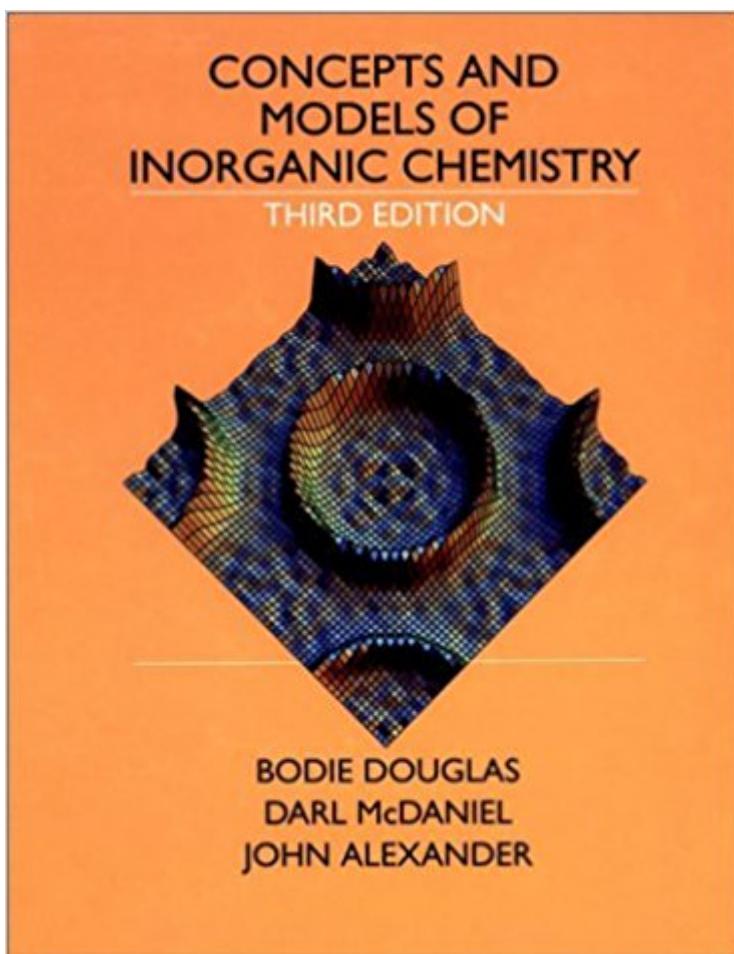


The book was found

# Concepts And Models Of Inorganic Chemistry



## Synopsis

A clear introduction to modern inorganic chemistry, covering both theory and descriptive chemistry. Uses concepts and models as an organizing principle to facilitate students' integration of ideas. This edition contains a new chapter on group theory and offers expanded coverage of solid state. Features numerous figures and solved examples.

## Book Information

Hardcover: 928 pages

Publisher: John Wiley and Sons; 3rd edition (January 1994)

Language: English

ISBN-10: 0471629782

ISBN-13: 978-0471629788

Product Dimensions: 7.7 x 1.6 x 9.5 inches

Shipping Weight: 3.9 pounds (View shipping rates and policies)

Average Customer Review: 5.0 out of 5 stars 3 customer reviews

Best Sellers Rank: #233,523 in Books (See Top 100 in Books) #11 in Books > Science & Math > Chemistry > Crystallography #41 in Books > Science & Math > Chemistry > Inorganic #946 in Books > Textbooks > Science & Mathematics > Chemistry

## Customer Reviews

"Concepts and Models of Inorganic Chemistry" is neither an encyclopedia of descriptive inorganic chemistry nor a textbook of structural inorganic chemistry. The book is organized into six major parts: Basic concepts, bonding structure, chemical reactions, coordination chemistry, organometallic chemistry, and selected topics. This text distinguishes itself from Cotton's "Basic Inorganic Chemistry", Shriver's "Inorganic Chemistry", and Misseler & Tarr by the amount of information and details presented in each chapter. Information regarding chemical reactions is presented within a framework of concepts and models that help readers organize and retrieve chemical knowledge. Descriptive chemistry is woven into almost all chapters and is the subject of special topics chapters. Atomic and molecular structure, symmetry and bonding are discussed in a very thorough and detailed manner. Almost all the topics in DeKock and Gray's "Chemical Structure and Bonding" are included in this volume. Topics that are usually discussed briefly or omitted altogether in many inorganic chemistry texts are given special attention: stereochemistry models, spectra and bonding, and inorganic mechanisms. Section on organometallic chemistry can serve as an ideal supplement for an organic course. "Concepts and Models of Inorganic Chemistry" will suit a two-semester

inorganic chemistry sequence. While no major texts can cover all the topics in bonding and structure, main group elements, transition metals and spectra, this text has fulfilled all the above purpose. The text is written in a more advanced level than Shriver and Cotton.

"Concepts and Models of Inorganic Chemistry" is neither an encyclopedia of descriptive inorganic chemistry nor a textbook of structural inorganic chemistry. The book is organized into six major parts: Basic concepts, bonding structure, chemical reactions, coordination chemistry, organometallic chemistry, and selected topics. This text distinguishes itself from Cotton's "Basic Inorganic Chemistry", Shriver's "Inorganic Chemistry", and Misseler & Tarr by the amount of information and details presented in each chapter. Information regarding chemical reactions is presented within a framework of concepts and models that help readers organize and retrieve chemical knowledge. Descriptive chemistry is woven into almost all chapters and is the subject of special topics chapters. Atomic and molecular structure, symmetry and bonding are discussed in a very thorough and detailed manner. Almost all the topics in DeKock and Gray's "Chemical Structure and Bonding" are included in this volume. Topics that are usually discussed briefly or omitted altogether in many inorganic chemistry texts are given special attention: stereochemistry models, spectra and bonding, and inorganic mechanisms. Section on organometallic chemistry can serve as an ideal supplement for an organic course. "Concepts and Models of Inorganic Chemistry" will suit a two-semester inorganic chemistry sequence. While no major texts can cover all the topics in bonding and structure, main group elements, transition metals and spectra, this text has fulfilled all the above purpose. The text is written in a more advanced level than Shriver and Cotton. Well-written book!

This is a nice book about inorganic chemistry

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

Concepts and Models of Inorganic Chemistry Reaction Mechanisms of Inorganic and Organometallic Systems (Topics in Inorganic Chemistry) Inorganic and Organometallic Polymers (Special Topics in Inorganic Chemistry) Study Guide: Ace Organic Chemistry I - The EASY Guide to Ace Organic Chemistry I: (Organic Chemistry Study Guide, Organic Chemistry Review, Concepts, Reaction Mechanisms and Summaries) Molecular Visions (Organic, Inorganic, Organometallic) Molecular Model Kit #1 by Darling Models to accompany Organic Chemistry Molymod Part #62009 Organic & Inorganic Chemistry School Student Molecular Models The Chemistry of Artificial Lighting Devices, Volume 17: Lamps, Phosphors and Cathode Ray Tubes (Studies in Inorganic Chemistry) NMR Spectroscopy in Inorganic Chemistry (Oxford Chemistry Primers) Introduction to Coordination

Chemistry (Inorganic Chemistry: A Textbook Series) Ace General Chemistry I and II (The EASY Guide to Ace General Chemistry I and II): General Chemistry Study Guide, General Chemistry Review Chirelstein's Federal Income Taxation: A Law Student's Guide to the Leading Cases and Concepts (Concepts and Insights) (Concepts and Insights Series) Infrared and Raman Spectra of Inorganic and Coordination Compounds, Applications in Coordination, Organometallic, and Bioinorganic Chemistry Infrared and Raman Spectra of Inorganic and Coordination Compounds, Part B: Applications in Coordination, Organometallic, and Bioinorganic Chemistry, 5th Edition Inorganic Chemistry for Geochemistry and Environmental Sciences: Fundamentals and Applications Descriptive Inorganic, Coordination, and Solid State Chemistry Biological Inorganic Chemistry, Second Edition: A New Introduction to Molecular Structure and Function Biological Inorganic Chemistry: A New Introduction to Molecular Structure and Function Synthesis and Technique in Inorganic Chemistry: A Laboratory Manual Inorganic Chemistry: Principles of Structure and Reactivity (4th Edition) Biological Inorganic Chemistry: Structure and Reactivity

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)