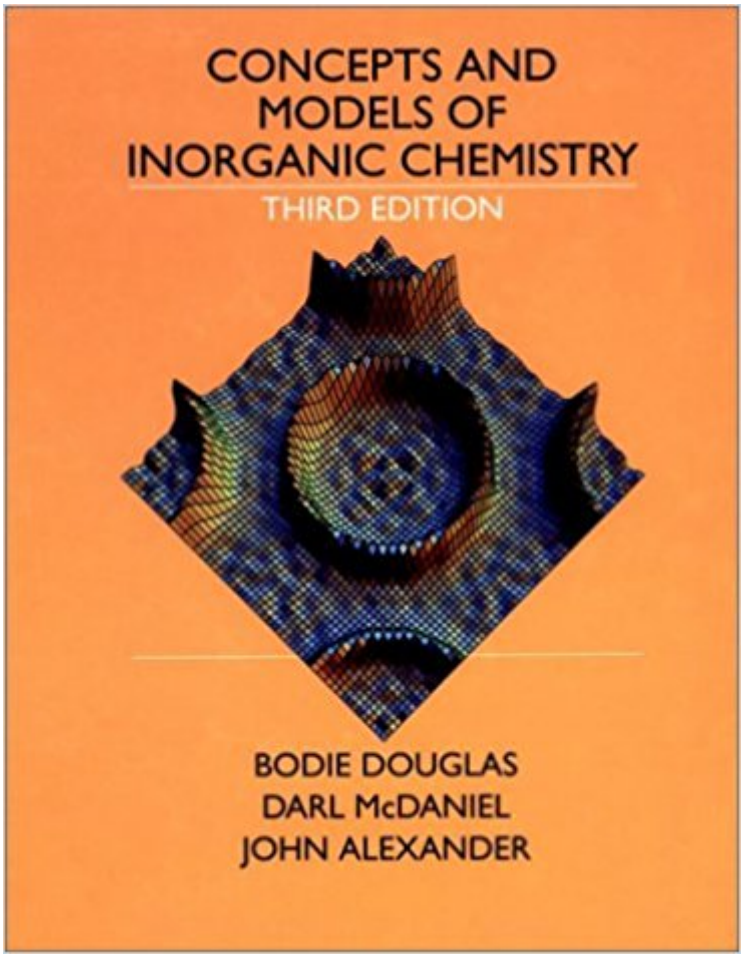
Concepts And Models Of Inorganic Chemistry



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

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Customer Reviews

"Concepts and Meodels 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, organmetallic chemistry, and selected topics.This text distincts 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. Inoformation 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 n 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.

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This is a nice book about inorganic chemistry

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