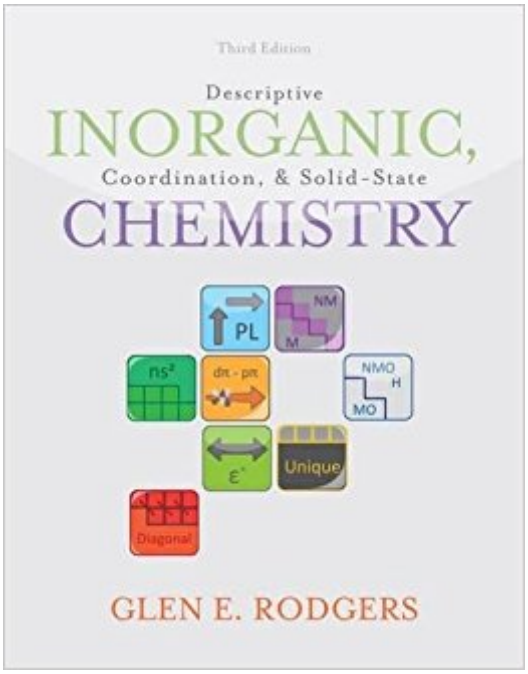
Descriptive Inorganic, Coordination, And Solid State Chemistry



Synopsis

This proven book introduces the basics of coordination, solid-state, and descriptive main-group chemistry in a uniquely accessible manner, featuring a "less is more" approach. Consistent with the "less is more" philosophy, the book does not review topics covered in general chemistry, but rather moves directly into topics central to inorganic chemistry. Written in a conversational prose style that is enjoyable and easy to understand, this book presents not only the basic theories and methods of inorganic chemistry (in three self-standing sections), but also a great deal of the history and applications of the discipline. This edition features new art, more diversified applications, and a new icon system. And to better help readers understand how the seemingly disparate topics of the periodical table connect, the book offers revised coverage of the author’s "Network of Interconnected Ideas" on new full color endpapers, as well as on a convenient tear-out card.

Book Information

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Customer Reviews

Dr. Glen E. Rodgers is a Professor Emeritus of Chemistry at Allegheny College in Meadville, PA. Educated at Tufts University (BS, 1966) and Cornell University (PhD, 1971), he taught for five years at Muskingum College in Ohio before moving to Allegheny where he taught from 1975 to 2005. He taught introductory chemistry on several levels, chemistry for nurses, chemistry for non-science majors, a "First Seminar" entitled "The Making of the Atomic Bomb: More Bang for Your Buck", a "Sophomore Seminar" entitled "Communicating Chemistry," inorganic chemistry (on both the sophomore and advanced undergraduate levels), and numerous interdisciplinary courses with colleagues in history, education, English, philosophy, psychology, and economics. He has received

a variety of teaching honors including the 1993 Julian Ross Award, presented by Allegheny College "for singular accomplishments and contributions through excellence in teaching." He and his wife have led or co-led several Allegheny travel seminars to places such as England, Scotland, Paris, Switzerland, Germany, Norway, Sweden, the Czech Republic, Poland and Russia. Now a full time writer, his current and future projects include a book with the working title "Traveling with the Atom." He lives with his wife Kathleen in southern New Hampshire. They are the parents of three daughters, Jennifer, Emily, and Rebecca.

I bought this book because I lost my other one--a finder-keeper situation.The book is a gentle introduction into the realms of inorganic chemistry. If physical chemistry, organic chemistry, analytical (also known as quantum) chemistry, and biochemistry are sister disciplines that can be said to deal with a limited portions of the periodic table (organic chemistry and biochemistry) or the abstract concepts not directly related to the periodic table (physical chemistry and quantum chemistry), inorganic chemistry attempts to deals with everything else. As the reader might expect, that is a huge goal. This book is but the first step toward accomplishing that goal. My professor started at Chapter 9 after Chapter 1, which I think is an easier place to start, because you gain an overview of Groups I to VIII elements, what a reader coming with a general and organic chemistry background is likely already more familiar with, before starting in the transitions metal elements chapters, where one must learn unfamiliar nomenclature for ligand coordination chemistry, and ending with chapters on solid-state chemistry (dealing with crystal arrangement and doping).The problems aren’t heavy on the technical aspects. You will not be pulled into difficult calculations characteristic of physical and analytical chemistry. Instead, the title describes the book aptly, it is a book focused on describing inorganic chemistry, not on going into details of orbital chemistry, calculations, and experiments. It is a good review book, a reference book, and an introductory course to the less popular, yet still fascinating aspects of the periodic table of which most people have only a passing understanding.

The material in the book is great, the book itself was pretty much falling apart when I received it, it was a very well-used copy. Hope it stays together!!

This text was required for my class. For now, it seems well written and descriptive.

My book was damaged, corners bent and cuts/deep marks on the hard cover. Plastic coating on

cover peeling. Not happy

not an easy read but the graphics at the front of the book and with in the chapters are very helpful

Great Condition. No marks or scratches

Easy book to follow,

I got this textbook for class and it is somewhat boring to read. It has a small volume of pictures, graphs, etc. and is printed in black in white. I got it for a good price though.

Descriptive Inorganic, Coordination, and Solid State Chemistry 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 Introduction to Coordination Chemistry (Inorganic Chemistry: A Textbook Series) The Floridas: The Sunshine State * The Alligator State * The Everglade State * The Orange State * The Flower State * The Peninsula State * The Gulf State Integrated Approach to Coordination Chemistry: An Inorganic Laboratory Guide Descriptive Inorganic Chemistry Reaction Mechanisms of Inorganic and Organometallic Systems (Topics in Inorganic Chemistry) Inorganic and Organometallic Polymers (Special Topics in Inorganic Chemistry) Coordination Chemistry of Macrocyclic Compounds (Oxford Chemistry Primers) 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) Ace General Chemistry I and II (The EASY Guide to Ace General Chemistry I and II): General Chemistry Study Guide, General Chemistry Review Crystallography and Crystal Chemistry: Introduction to the Geometry of the Solid State Solid State Chemistry and its Applications Introduction to Coordination Chemistry Coordination 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) Solid State Chemistry: An Introduction, Fourth Edition Basic Solid State Chemistry

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