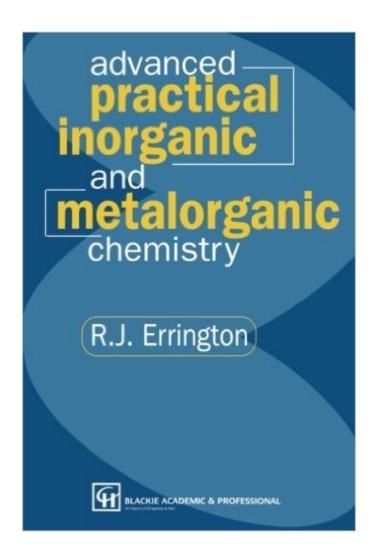
The book was found

Advanced Practical Inorganic And Metalorganic Chemistry





Synopsis

While the boundaries between the areas of chemistry traditionally labeled as inorganic, organic and physical are gradually diffusing, the practical techniques adopted by workers in each of these areas are often radically different. The breadth and variety of research classed as "inorganic chemistry" is readily apparent from an inspection of some of the leading international journals, and can be quite daunting for newcomers to this domain who are likely to have only limited experience of the methodologies involved. This book has therefore been written to provide guidance for those unfamiliar with the techniques most often encountered in synthetic inorganic / metalorganic chemistry, with an emphasis on procedures for handling air-sensitive compounds. One chapter is devoted to more specialized techniques such as metal vapor synthesis, and a review of preparative methods for a selection of starting materials is included as an aid to those planning research projects. While this book is aimed primarily at postgraduate and advanced undergraduate students involved in inorganic research projects, synthetic organic chemists and industrial chemists will also find much useful information within its pages. Similarly, it serves as a useful reference source for materials and polymer scientists who wish to take advantage of recent progress in precursor synthesis and catalyst development.

Book Information

Paperback: 302 pages

Publisher: CRC Press; 1 edition (July 3, 1997)

Language: English

ISBN-10: 0751402257

ISBN-13: 978-0751402254

Product Dimensions: 6 x 0.7 x 9 inches

Shipping Weight: 1.2 pounds (View shipping rates and policies)

Average Customer Review: 5.0 out of 5 stars Â See all reviews (4 customer reviews)

Best Sellers Rank: #1,390,362 in Books (See Top 100 in Books) #23 in Books > Science & Math

> Chemistry > Organic > Organometallic Compounds #250 in Books > Science & Math >

Chemistry > Inorganic #473 in Books > Science & Math > Chemistry > Industrial & Technical

Customer Reviews

The book arrived in excellent condition. No scratches, scuffs, food, and other stains. Also, there was no heavy creasing on the front and back covers. Shipping was incredibly fast. I would definitely do business with them again! The content of the book is also outstanding. This is a MUST for any

synthetic inorganic chemist! Truly an outstanding source of information.

As a physical chemist/spectroscopist by training who suddenly found myself needing to synthesize & characterize some model compounds for my experiments, I found this book and its companion ("Advanced Practical Organic Chemistry") to be a very helpful review of modern synthetic techniques, particularly in regards to dealing with air-sensitive compounds. Definitely a recommended reference for any chemist. I feel I should stress, however, that this volume treats synthetic techniques rather broadly, without dealing with the synthesis of any particular molecule, though Chapter 13 provides references for the synthesis of many starting materials.

This text updates and expands on some info in earlier texts like Shriver's Handling of Air Sensitive compounds. It give quite a bit of practical advice with good figures showing how to set up practical glassware for various manipulations. I recommend this highly for a grad student's bookshelf.

Great

Download to continue reading...

Advanced Practical Inorganic and Metalorganic Chemistry Inorganic and Organometallic Reaction Mechanisms (Brooks/Cole Series in Inorganic Chemistry) Metalorganic Catalysts for Synthesis and Polymerization: Recent Results by Ziegler-Natta and Metallocene Investigations Advanced Inorganic Chemistry Advanced Inorganic Chemistry: A Comprehensive Text Bioinorganic Chemistry -- Inorganic Elements in the Chemistry of Life: An Introduction and Guide Introduction to Cluster Chemistry (Prentice Hall Inorganic and Organometallic Chemistry Series) Landmarks in Organo-Transition Metal Chemistry: A Personal View (Profiles in Inorganic Chemistry) NMR Spectroscopy in Inorganic Chemistry (Oxford Chemistry Primers) Advanced organic chemistry: Reactions, mechanisms and structure (McGraw; Hill series in advanced chemistry) Ace General Chemistry I and II (The EASY Guide to Ace General Chemistry I and II): General Chemistry Study Guide, General Chemistry Review 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: The EASY Guide to Ace General Chemistry I: (General Chemistry Study Guide, General Chemistry Review) 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

Descriptive Inorganic, Coordination, and Solid State Chemistry Biological Inorganic Chemistry, Second Edition: A New Introduction to Molecular Structure and Function Chemistryà Â: Introducing Inorganic, Organic, and Physical Chemistry Inorganic Chemistry: Principles of Structure and Reactivity (4th Edition) Biological Inorganic Chemistry: Structure and Reactivity

<u>Dmca</u>