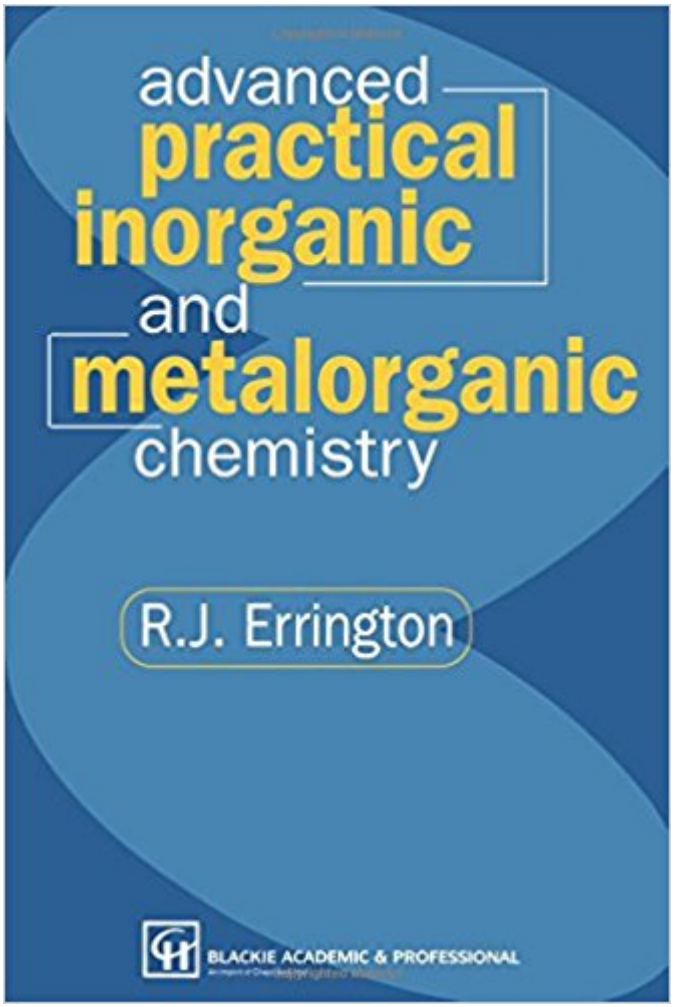
Advanced Practical Inorganic And Metalorganic Chemistry



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

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Customer Reviews

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.

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.

Great

very nice . As a professional chef i need and use top quality knives. I have a number of well known brands and most are high quality. This product, however, particularly because of the price, is as good or better than most all of them. I am buying now just to have at this price. Don’t wait get it, or get two. as a birthday gift to my husband, good . it is very fast delivery.

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.

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