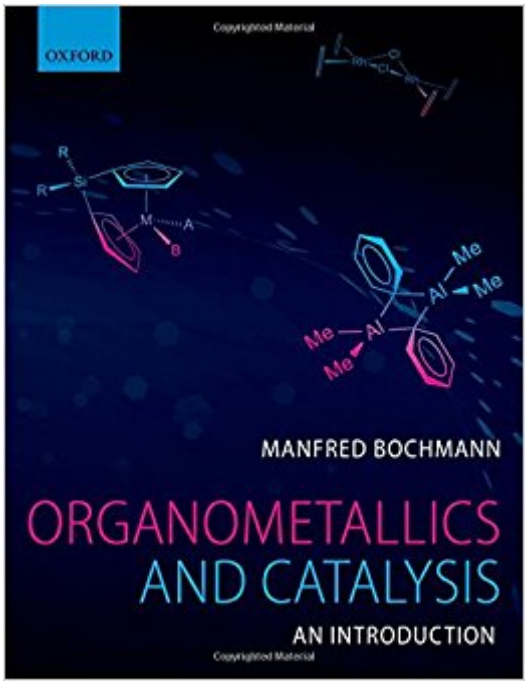
Organometallics And Catalysis



Synopsis

In Organometallics and Catalysis, author Manfred Bochmann distills the extensive knowledge of the field that has been amassed in recent years into a succinct review of the essential concepts. It is enriched throughout by examples that demonstrate how our understanding of organometallic chemistry has led to new applications in research and industry--not least in relation to catalysis--and an extensive art program clarifies the concepts being explained.Striking just the right balance between breadth and depth, Organometallics and Catalysis is the perfect introduction for students who need a thorough grounding in the subject.

Book Information

Paperback: 444 pages

Publisher: Oxford University Press; UK ed. edition (February 4, 2015)

Language: English

ISBN-10: 0199668213

ISBN-13: 978-0199668212

Product Dimensions: 9.4 x 0.8 x 7.4 inches

Shipping Weight: 1.8 pounds (View shipping rates and policies)

Average Customer Review: 3.5 out of 5 stars 2 customer reviews

Best Sellers Rank: #2,495,194 in Books (See Top 100 in Books) #37 inÂ Books > Science & Math > Chemistry > Organic > Organometallic Compounds #507 inÂ Books > Science & Math > Chemistry > Inorganic #6163 inÂ Books > Textbooks > Science & Mathematics > Chemistry

Customer Reviews

The breadth and depth in which topics are covered is particularly impressive; the lucid writing style will allow students to understand the key concepts readily, and a series of carefully crafted exercises throughout the book provide valuable opportunities for testing this understanding. Teachers of organometallic chemistry will find this superb book to be an indispensable resource. * Richard Layfield, The University of Manchester * This comprehensive, well organised, clearly illustrated, and fully up-to-date book is essential reading for advanced undergraduates and postgraduate research students working in, or at the borders, of contemporary organometallic chemistry and catalysis. * Philip Mountford, University of Oxford * Bochmann has done an excellent job. While providing broad coverage of the literature, it is organized in a fashion that will make the chemistry readily understandable to students and yet is comprehensive enough to be an excellent reference book for practitioners of organometallic chemistry. I believe this book will become the new

standard text for teaching organometallic chemistry at the undergraduate and graduate levels. * Douglas W. Stephan, University of Toronto *

Manfred Bochmann is Professor of Inorganic Chemistry and Director of the Wolfson Materials and Catalysis Centre at the University of East Anglia, where his research centres broadly around synthetic organometallic and coordination chemistry directed towards homogeneous catalysis. A former Head of the School of Chemistry, in 2003 he was awarded the Royal Society of Chemistry Medal for Organometallic Chemistry. Bochmann is the author of two Oxford Chemistry Primers on organometallic chemistry, and is an Associate Editor of the journal Organometallics.

"Organometallics and Catalysis" is a fantastic introduction to all aspects of main-group and transition metal organometallic chemistry. It should be, within easy reach, on the bookshelf of all organic and organometallic chemists, as well as students in these disciplines.

This book is a combination of the authros two oxford primers published earlier. But revision has not been exhaustive. Also too expensive