



The Organometallic Chemistry of the Transition Metals, 4th Edition

By Crabtree, Robert H.

Wiley-Interscience, 2005. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: Preface. List of Abbreviations. 1 Introduction. 1.1 Werner Complexes. 1.2 The Trans Effect. 1.3 Soft Versus Hard Ligands. 1.4 The Crystal Field. 1.5 The Ligand Field. 1.6 Back Bonding. 1.7 Electroneutrality. 1.8 Types of Ligand. 2 General Properties of Organometallic Complexes. 2.1 The 18-Electron Rule. 2.2 Limitations of the 18-Electron Rule. 2.3 Electron Counting in Reactions. 2.4 Oxidation State. 2.5 Coordination Number and Geometry. 2.6 Effects of Complexation. 2.7 Differences between Metals. 2.8 Outer-Sphere Coordination. 3 Metal Alkyls, Aryls, and Hydrides and Related I²-Bonded Ligands. 3.1 Transition Metal Alkyls and Aryls. 3.2 Related I²-Bonded Ligands. 3.3 Metal Hydride Complexes. 3.4 I² Complexes. 3.5 Bond Strengths for Classical I²-Bonding Ligands. 4 Carbonyls, Phosphine Complexes, and Ligand Substitution Reactions. 4.1 Metal Complexes of CO, RNC, CS, and NO. 4.2 Phosphines and Related Ligands. 4.3 Dissociative Substitution. 4.4 Associative Mechanism. 4.5 Redox Effects, the I Mechanism, and Rearrangements in Substitution. 4.6 Photochemical Substitution. 4.7 Steric and Solvent Effects in Substitution. 5 Complexes of I²-Bound Ligands. 5.1 Alkene and Alkyne Complexes. 5.2 Allyl Complexes. 5.3 Diene Complexes. 5.4 Cyclopentadienyl Complexes. 5.5 Arenes and Other Alicyclic Ligands. 5.6 Metalacycles...



READ ONLINE
[1.24 MB]

Reviews

This kind of publication is every little thing and taught me to looking ahead of time and a lot more. It is packed with wisdom and knowledge Once you begin to read the book, it is extremely difficult to leave it before concluding.

-- **Ida Herman**

A high quality book and also the typeface utilized was exciting to read. This really is for anyone who statte there was not a worthy of reading. I am easily will get a enjoyment of reading a written ebook.

-- **Burnice Carter**

You May Also Like



[I'll Take You There: A Novel](#)

Harper Perennial. PAPERBACK. Book Condition: New. 0060501189 12+ Year Old paperback book-Never Read-may have light shelf or handling wear-has a price sticker or price written inside front or back cover-publishers mark-Good Copy- I ship FAST with FREE tracking!!!! * I am a...



[Help! I'm a Baby Boomer \(Battling for Christian Values Inside America's Largest Generation](#)

Victor Books, 1989. Trade Paperback. Book Condition: New. Second Printing. 8vo - over 7¼" - 9¾" Tall. Buy with confidence from "Your neighborhood book store, online (tm) - Since 1997 delivering quality books to our neighbors, all around the world!.



[Help! I'm a Granny](#)

Michael O'Mara Books Ltd. Hardback. Book Condition: new. BRAND NEW, Help! I'm a Granny, Flic Everett, But I'm too young to be a granny! An essential collection of entertaining yet handy advice for all new grandmothers. After your children move out of...



[TJ new concept of the Preschool Quality Education Engineering: new happy learning young children \(3-5 years old\) daily learning book Intermediate \(2\)\(Chinese Edition\)](#)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment.Paperback. Pub Date :2005-09-01 Publisher: Chinese children before making Reading: All books are the Youth Pre-employment Training software download generated pictures...



[The Clever Detective Boxed Set \(a Fairy Tale Romance\): Stories 1, 2 and 3](#)

CreateSpace, United States, 2012. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.After six years as a private investigator, Stacey Alexander has the strangest day of her life when she falls down...



[Dog Poems For Kids Rhyming Books For Children Dog Unicorn Jerks 2 in 1 Compilation Of Volume 1 3 Just Really Big Jerks Series](#)

CreateSpace Independent Publishing Platform. Paperback. Book Condition: New. This item is printed on demand. Paperback. 96 pages. Dimensions: 9.0in. x 6.0in. x 0.2in.LIMITED-TIME SPECIAL: Special Bonus Inside! Thats right. . . For a limited time you can download a FREE audiobook version...