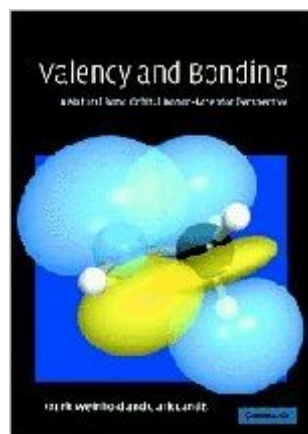


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Valency And Bonding: A Natural Bond Orbital Donor-Acceptor Perspective



Synopsis

This textbook develops the foundations of Lewis- and Pauling-like localized structural and hybridization concepts to present the first modernized overview of chemical valency and bonding theory. Directly based on current computational technology, it serves as both a general textbook exposition of modern Lewis, hybridization, and resonance concepts and a comprehensive compilation of NBO-based bonding descriptors--for prototype molecular and supramolecular organic and inorganic species.

Book Information

Hardcover: 760 pages

Publisher: Cambridge University Press; 1 edition (September 5, 2005)

Language: English

ISBN-10: 0521831288

ISBN-13: 978-0521831284

Product Dimensions: 6.8 x 2.2 x 9.7 inches

Shipping Weight: 3.6 pounds (View shipping rates and policies)

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