

Electron density and chemical bonding I : experimental charge density studies

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Abstrak

This book about more than just distances from electron density studies, modeling and analysis of hydrogen atoms, charge density methods in hydrogen bond studies. some main group chemical perceptions in the light of experimental charge density investigations. electronic structure and chemical properties of lithium organics seen through the glasses of charge density. bond orders in metal–metal interactions through electron density analysis, and on the nature of π -agostic interactions : a comparison between the molecular orbital and charge density picture.