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Nota di contenuto	Molecular Bismuth Compounds Ligand Design and Reactivity -- Nitrogen Based Ligands in the Coordination Sphere of Bismuth -- Geometrically Constrained Bismuth Compounds -- Bismuthinidenes -- Low Valent Molecular Bismuth Compounds Neutral Bi(I) and Bi(II) Species, Molecular Bi Clusters and Radicals -- Cationic Species and Catalysis -- Green Chemistry Using Bismuth Compounds.
Sommario/riassunto	This volume provides a comprehensive exploration of the diverse facets of bismuth chemistry. It covers topics such as the influence of nitrogen-based ligands on bismuth coordination chemistry, the structural constraints affecting bismuth compounds, and the reactivity of bismuthinidenes. Additionally, the book presents the properties and significance of low-valent molecular bismuth species, including neutral Bi(I) and Bi(II) species, molecular Bi-clusters, and radicals, as well as their potential applications in catalysis. Furthermore, it examines the role of bismuth compounds in endeavors towards more sustainable organic synthesis. This book is a valuable resource to researchers, graduate students and professionals interested in inorganic chemistry at the interface with organic synthesis, particularly those focusing on

bismuth chemistry, ligand design, and reactivity studies.