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Nota di contenuto	DESIGN AND CONSTRUCTION OF COORDINATION POLYMERS; CONTENTS; Contributors; Preface; 1 Coordinative Flexibility of Monovalent Silver in [Ag(I) L1]L2 Complexes; 1.1 Introduction; 1.2 Ligands L1 with 1,2 N-Donor Functions; 1.3 Ligands L1 with 1,3 N-Donor Functions; 1.4 Ligands L1 with 1,4 N-Donor Functions; 1.5 Conclusions; References; 2 Indium(III)-Organic Coordination Polymers with Versatile Topological Structures Based on Multicarboxylate Ligands; 2.1 Introduction; 2.2 Architectures Constructed by In(III) and Benzenedicarboxylates 2.3 Architectures Constructed by In(III) and Benzenetricarboxylates2.4 Architectures Constructed by In(III) and Other Benzenemulticarboxylates; 2.5 Luminescence, Ion Exchange, and Hydrogen Storage; 2.6 Conclusions; References; 3 Crystal Engineering of Coordination Polymers via Solvothermal In Situ Metal-Ligand Reactions; 3.1 Introduction; 3.2 Metal-Redox Reaction; 3.3 Conversion of Carboxylic Acid; 3.4 Carbon-Carbon Bond Formation; 3.5

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Design and Construction of Coordination Polymers Edited by Mao-Chun Hong Ling Chen A Unique Resource on coordination Polymers Coordination polymers are a growing, interdisciplinary field with numerous potential applications in chemistry and materials. Design and Construction of Coordination Polymers provides a comprehensive introduction to this field, focusing on synthetic strategies, structures, properties, and potential applications. Each chapter provides a unique perspective on coordination polymers, offering a dedicated approach as well as deeper insights on the most impor