Record Nr. UNINA9910144301903321 Topics in inorganic and organometallic stereochemistry [[electronic **Titolo** resource] /] / edited by Gregory L. Geoffroy Pubbl/distr/stampa New York, : John Wiley & Sons, 1981 **ISBN** 1-282-30561-1 9786612305610 0-470-14721-0 0-470-14743-1 Descrizione fisica 1 online resource (366 p.) Collana Topics in stereochemistry;; 12 Altri autori (Persone) GeoffroyGregory L Disciplina 541.2/23 s 541.223 Soggetti Stereochemistry Chemistry, Physical and theoretical Electronic books. Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Description based upon print version of record. Note generali Nota di bibliografia Includes bibliographical references and indexes. Nota di contenuto INORGANIC AND ORGANOMETALLIC STEREOCHEMISTRY; CONTENTS; STEREOCHEMICAL NOMENCLATURE AND NOTATION M INORGANIC CHEMISTRY; STEREOCHEMISTRY OF REACTIONS OF TRANSITION METAL-CARBON SIGMA BONDS; ASYMMETRIC SYNTHESIS MEDIATED BY TRANSITION METAL COMPLEXES; STRUCTURES OF METAL NITROSYLS; THE STEREOCHEMISTRY OF GERMANIUM AND TIN COMPOUNDS; STEREOCHEMISTRY OF TRANSITION METAL CARBONYL CLUSTERS; SUBJECT INDEX; CUMULATIVE INDEX, VOLUMES 1-12 This volume is devoted entirely to inorganic and organometallic Sommario/riassunto stereochemical subjects. Discusses the systematic notations that have been developed to satisfy the needs for a rational and systematic stereochemical nomenclature. Reviews the stereochemical aspects of the changes of bonding at carbon centers induced by metals, either catalytically or stoiciometrically. Also reviews the major achievements in current stereochemical research-the synthesis of asymmetric

compounds mediated by transition metals. Discusses the structures of

transition metal carbonyl clusters, summarizing recent progres