Record Nr. UNINA9910876693703321 Separations and reactions in organic supramolecular chemistry / / **Titolo** edited by Fumio Toda and Roger Bishop Pubbl/distr/stampa Hoboken, NJ,: Wiley, c2004 **ISBN** 1-280-55426-6 9786610554263 0-470-02025-3 0-470-02026-1 Descrizione fisica 1 online resource (252 p.) Collana Perspectives in supramolecular chemistry;; v. 8 Altri autori (Persone) **TodaFumio** BishopRoger Disciplina 547/.1226 Soggetti Supramolecular chemistry Chromatographic analysis Chemical reactions 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 Separations and Reactions in Organic Supramolecular Chemistry; Contents; Contributors; Preface; 1 Inclusion Complexation as a Tool in Resolution of Racemates and Separation of Isomers; 2 Enantiomer Ordering and Separation During Molecular Inclusion; 3 Molecular Recognition of Crystalline Dipeptides and Its Application to Separation; 4 Separation of Isomers and Enantiomers by Bile Acid Derivatives; 5 Physicochemical Studies of Separation of Isomers by Supramolecular Systems; 6 Regioselective Synthesis of Fullerene Derivatives and Separation of Isomers of the Higher Fullerenes 7 Selective Reactions in Inclusion Crystals8 Supramolecular Control of Reactivity in the Solid State Using Linear Templates; 9 Development of a New Biocide as an Inclusion Complex: Cumulative Author Index: Cumulative Title Index: Index A new volume in the ""Perspectives in Supramolecular Chemistry"" Sommario/riassunto series focusing on separating supramolecular structures, a key step in

supramolecular chemistry. Two guest editors have been at the forefront

of the development of chromatographical methods to deal with

supramolecular systems. Reactions of supramolecular structures show the way into the future of chemistry. Fumio Toda is one of the driving forces in the development of supramolecular separation systems. A practical title in the prestigious "Perspectives in Supramolecular Chemistry" series.