Record Nr. UNINA9910783933103321 Autore Doraiswamy L. K (Laxmangudi Krishnamurthy) **Titolo** Organic synthesis engineering [[electronic resource] /] / L.K. Doraiswamy New York,: Oxford University Press, 2001 Pubbl/distr/stampa 0-19-756082-2 **ISBN** 1-280-76073-7 9786610760732 0-19-802569-6 1-60119-443-9 Descrizione fisica 1 online resource (937 p.) Collana Topics in chemical engineering Disciplina 660.2995 660/.2844 Soggetti Chemical engineering Chemical reactors Catalysis Organic compounds - Synthesis Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Previously issued in print: 2001. Nota di bibliografia Includes bibliographical references and index. Nota di contenuto Contents: Chapter 1 Introduction and Structure of the Book: PART I: REACTIONS AND REACTORS IN ORGANIC SYNTHESIS: BASIC CONCEPTS; PART II: CATALYSIS IN ORGANIC SYNTHESIS AND TECHNOLOGY; PART III: REACTOR DESIGN FOR HOMOGENEOUS AND FLUID-SOLID (CATALYTIC) REACTIONS; PART IV: FLUID-FLUID AND FLUID-FLUID-SOLID REACTIONS AND REACTORS; PART V: STRATEGIES FOR ENHANCING THE RATES OF ORGANIC REACTIONS; A Process Overview; Epilogue; Acknowledgments for Figures and Tables; Index Addressing both the chemical and engineering aspects of catalysts. Sommario/riassunto

in its various forms in organic synthesis.

particularly solid ones, the author describes the application of catalysis