

1. Record Nr.	UNICAMPANIASUN0119103
Autore	Shapiro, Alexander
Titolo	Lectures on stochastic programming : modeling and theory / Alexander Shapiro, Darinka Dentcheva, Andrzej Ruszczycki
Pubbl/distr/stampa	Philadelphia, : SIAM, 2014
ISBN	978-16-11-97342-6
Edizione	[2. ed]
Descrizione fisica	XVII, 494 p. ; 26 cm.
Altri autori (Persone)	Dentcheva, Darinka Ruszczycki, Andrzej
Soggetti	91B05 - Risk models (general) [MSC 2020] 65C05 - Monte Carlo methods [MSC 2020] 90C15 - Stochastic programming [MSC 2020] 90-XX - Operations research, mathematical programming [MSC 2020]
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr.	UNINA9910144297603321
Titolo	Handbook of fluorous chemistry [[electronic resource] /] / John A. Gladysz, Dennis P. Curran, Istvan T. Horvath (Eds.)
Pubbl/distr/stampa	Weinheim, : Wiley-VCH, c2004
ISBN	1-280-51979-7 9786610519798 3-527-60390-5 3-527-60449-9
Descrizione fisica	1 online resource (627 p.)
Altri autori (Persone)	GladyszJohn A CurranDennis P HorvathIstvan T
Disciplina	546/.731 547.02
Soggetti	Fluorine compounds Fluorine
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Handbook of Fluorous Chemistry; Contents; Preface; Contributors; 1 Fluorous Chemistry: Scope and Definition; 1.1 The Birth of a Term; 1.2 The Definition of Fluorous Today; 1.3 Other Definitions within the Fluorous Repertoire; 1.4 Present Scope of Fluorous Chemistry; References; 2 A Personal View of the History of Fluorous Chemistry; References; 3 Fluorous Solvents and Related Media; 3.1 Introductory Remarks; 3.2 Commercial Fluorous Solvents; 3.3 Related Solvents and Media; 3.3.1 Amphiphilic or Hybrid Solvents; 3.3.2 Fluorous Ionic Liquids; 3.3.3 "'Faux Fluorous"' Solvents 3.3.4 Fluorous Greases3.3.5 Bonded Fluorous Phases; 3.4 Polarities of Fluorous Solvents; 3.5 Solubilities of Solutes in Fluorous Solvents; 3.5.1 General Aspects; 3.5.2 Gas Solubilities; 3.6 Fluorous/Non-fluorous Solvent Miscibilities; 3.7 Special Reactivity Phenomena in Fluorous Solvents; References; 4 Strategies for the Recovery of Fluorous Catalysts and Reagents: Design and Evaluation; 4.1 Introduction; Basic Recycling Concepts; 4.2 Fluorous/Non-Fluorous Liquid/Liquid Biphase

Catalysis; 4.3 Fluorous Catalysis in Amphiphilic or Hybrid Solvents  
 4.4 Fluorous Catalysis Without Non-Fluorous Solvents  
 4.5 Fluorous Catalysis Without Fluorous Solvents; 4.5.1 Thermomorphic Catalysts;  
 4.5.2 Other Approaches; 4.6 Fluorous Catalysis Without Solvents; 4.7  
 Recovery of Fluorous Catalysts using Supports; 4.8 Criteria for  
 Recoverability; 4.8.1 Yield as a Function of Cycle; 4.8.2 TOF as a  
 Function of Cycle; 4.8.3 Catalyst Inventory; 4.9 Slanting Data: How to  
 Make a Non-recoverable Catalyst Appear Recoverable; 4.10 Prospects;  
 References; 5 Ponytails: Structural and Electronic Considerations; 5.1  
 Introduction; 5.2 Structural Aspects of Ponytails  
 5.3 NMR Characterization of Ponytails  
 5.4 Electronic Effects:  
 Introduction; 5.5 Electronic Effects: IR Data; 5.6 Electronic Effects: Gas  
 Phase Ionization Data; 5.7 Electronic Effects: Calorimetry; 5.8 Electronic  
 Effects: Solution Equilibria; 5.9 Electronic Effects: Computational Data;  
 5.10 Electronic Effects: Reactivity; 5.11 Electronic Effects: Additional  
 Probes; 5.12 Electronic Effects: Conclusions; References; 6 Partition  
 Coefficients Involving Fluorous Solvents; 6.1 Introduction; 6.2  
 Literature Data; 6.3 Trends with Respect to Functional Groups; 6.3.1  
 Non-Aromatic Hydrocarbons  
 6.3.2 Non-Aromatic Monofunctional Compounds  
 6.3.3 Simple  
 Monoarenes; 6.3.4 Triarylphosphines; 6.3.5 Pyridines; 6.3.6 Metal  
 Complexes; 6.4 General Trends and Special Situations; 6.5 Quantitative  
 Analysis and Prediction of Partition Coefficients; 6.6 Future Directions;  
 6.7 Sample Experimental Determinations; References; 7 Separations  
 with Fluorous Silica Gel and Related Materials; 7.1 Introduction; 7.1.1  
 Fluorous Silica Gel; 7.1.2 Types and Sources of Fluorous Silica Gel  
 Materials and Products; 7.2 Fluorous Solid Phase Extraction (FSPE)  
 7.2.1 Fluorous Solid Phase Extraction and its Relationship to  
 Chromatography and Liquid/Liquid Extraction

## Sommario/riassunto

Edited by the leading experts John Gladysz, Dennis Curran, and István Horváth, this handbook is the first to summarize all the essential aspects of this emerging field of chemistry. Whether the reader is seeking an introduction to the concept of fluorous biphasic catalysis, summaries of partition coefficients involving fluorous and organic solvents, or information on the latest fluorous mixture separation techniques, this authoritative compilation of contributions, written by the world's top authors, provides key information needed for successfully working with the diverse and fascinating family