1.

Record Nr.	UNISALENTO991002071229707536
Autore	Mandelbrot, Benoit B.
Titolo	The (mis)behavior of markets : a fractal view of financial turbulence / Benoit B. Mandelbrot and Richard L. Hudson
Pubbl/distr/stampa	New York : Basic Books, c2004
ISBN	9780465043576 0465043577
Descrizione fisica	xxiv, 328 p. : ill. ; 24 cm
Classificazione	AMS 91B AMS 60H10 AMS 60H30 LC HG4523.M257
Altri autori (Persone)	Hudson, Richard L.
Disciplina	332.01
Soggetti	Capital market Investment analysis Stocks - Prices Securities Risk management
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	On cover: "With a new preface on the financial crisis"
Nota di bibliografia	Includes bibliographical references (p. [303]-317) and index

2. Record Nr. UNINA9911019095303321

Autore	Adams Dave J
Titolo	Chemistry in alternative reaction media / / Dave J. Adams, Paul J. Dyson, and Stewart J. Tavener
Pubbl/distr/stampa	Chichester, West Sussex, England ; ; Hoboken, NJ, : J. Wiley, c2004
ISBN	9786610238927 9780470869666 0470869666 9780470491232 047049123X 9780471498483 0471498483 9781280238925 1280238925
Descrizione fisica	1 online resource (269 p.)
Altri autori (Persone)	DysonPaul J TavenerStewart J
Disciplina	541.3/9
Soggetti	Solvents Solvation Chemical reactions Chemical kinetics
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	Chemistry In Alternative Reaction Media; CONTENTS; Preface; Abbreviations and Acronyms; 1 Chemistry in Alternative Reaction Media; 1.1 Economic and Political Considerations; 1.2 Why Do Things Dissolve?; 1.3 Solvent Properties and Solvent Classification; 1.3.1 Density; 1.3.2 Mass Transport; 1.3.3 Boiling Point, Melting Point and Volatility; 1.3.4 Solvents as Heat-Transfer Media; 1.3.5 Cohesive Pressure, Internal Pressure, and Solubility Parameter; 1.4 Solvent Polarity; 1.4.1 Dipole Moment and Dispersive Forces; 1.4.2 Dielectric Constant; 1.4.3 Electron Pair Donor and Acceptor Numbers 1.4.4 Empirical Polarity Scales1.4.5 E(N)(T) and E(T)(30) Parameters;

1.4.6 Kamlet-Taft Parameters; 1.4.7 Hydrogen Bond Donor (HBD) and Hydrogen Bond Acceptor (HBA) Solvents; 1.5 The Effect of Solvent Polarity on Chemical Systems; 1.5.1 The Effect of Solvent Polarity on Chemical Reactions; 1.5.2 The Effect of Solvent Polarity on Equilibria; 1.6 What is Required from Alternative Solvent Strategies?; References; 2 Multiphasic Solvent Systems; 2.1 An Introduction to Multiphasic Chemistry; 2.1.1 The Traditional Biphasic Approach; 2.1.2 Temperature Dependent Solvent Systems
2.1.3 Single- to Two-Phase Systems2.1.4 Multiphasic Systems; 2.2 Solvent Combinations; 2.2.1 Water; 2.2.2 Fluorous Solvents; 2.2.3 Ionic Liquids; 2.2.4 Supercritical Fluids and Other Solvent Combinations; 2.3 Benefits and Problems Associated with Multiphasic Systems; 2.3.1 Partially Miscible Liquids; 2.4 Kinetics of Homogeneous Reactions; 2.4.1 Rate is Independent of Stoichiometry; 2.4.2 Rate is Determined by the Probability of Reactants Meeting; 2.4.3 Rate is Measured by the Concentration of the Reagents; 2.4.4 Catalysed Systems; 2.5 Kinetics of Biphasic Reactions
2.5.1 The Concentration of Reactants in Each Phase is Affected by Diffusion2.5.2 The Concentration of the Reactants and Products in the Reacting Phase is Determined by Their Partition Coefficients; 2.5.3 The Partition Coefficients of the Reactants and Products May Alter the Position of the Equilibrium; 2.5.4 Effect of Diffusion on Rate; 2.5.5 Determining the Rate of a Reaction in a Biphasic System; 2.6 Conclusions; References; 3 Reactions in Fluorous Media; 3.1 Introduction; 3.2 Properties of Perfluorinated Solvents; 3.3 Designing Molecules for Fluorous Compatibility
3.4 Probing the Effect of Perfluoroalkylation on Ligand Properties3.5 Partition Coefficients; 3.6 Liquid-Liquid Extractions; 3.7 Solid Separations; 3.8 Conclusions; References; 4 Ionic Liquids; 4.1 Introduction; 4.1.1 The Cations and Anions; 4.1.2 Synthesis of Ionic Liquids; 4.2 Physical Properties of Ionic Liquids; 4.3 Benefits and Problems Associated with Using Ionic Liquids in Synthesis; 4.4 Catalyst Design; 4.5 Conclusions; References; 5 Reactions in Water; 5.1 The Structure and Properties of Water; 5.1.1 The Structure of Water; 5.1.2 Near-Critical Water; 5.1.3 The Hydrophobic Effect
5.1.4 The Salt Effect

Sommario/riassunto

At a time when environmental concerns are increasing, it's important that chemical processes are as environmentally friendly as possible. This book outlines various methods for producing inorganic and organic solvents without the use of traditional solvents that can have detrimental effects on the environment. This is the first book to give extensive and exclusive coverage to the topicIncludes important environmental issues This book will appeal to anyone with an interest in organic synthesis; reaction chemistry; catalysis; and process development, and to undergraduate and g