1. Record Nr. UNINA990002024570403321

Autore	Thiele, Hans Ulrich
Titolo	Carabid beetles in their environments : a study on habitat selection by adaptations in physiology and behaviour / Hans Ulrich Thiele
Pubbl/distr/stampa	Berlin : Springer, 1977
ISBN	35-4008-306-5
Descrizione fisica	369 p. ; 24 cm
Collana	Zoophysiology and ecology ; 10
Disciplina	595.762
Locazione	DAGEN
Collocazione	61 V B.4/08
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr. UNINA9910456241303321

Autore	Stavroulakis Peter
Titolo	Interference analysis and reduction for wireless systems / / Peter Stavroulakis
Pubbl/distr/stampa	Boston, Massachusetts : , : Artech House, , ©2003 [Piscataqay, New Jersey] : , : IEEE Xplore, , [2002]
ISBN	1-58053-574-7
Descrizione fisica	1 online resource (427 p.)
Collana	Mobile communications series
Disciplina	621.382/24
Soggetti	Radio - Interference Cell phone systems - Protection Electronic books.
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	Machine generated contents note: 1. Overview of Wireless Information Systems -- 2. Wireless Channel Characterization and Coding -- 3. Transmission Systems in an Interference Environment -- 4. Optimal Detection in Fading Channels -- 5.
Sommario/riassunto	"Interference Analysis and Reduction for Wireless Systems offers a New methodology for analyzing and studying the behavior of wireless communication systems in an interference environment. It provides modern tools and techniques for use in real-world applications that help engineers guarantee optimum system performance. The book treats both additive and multiplicative interfering signals, including in-depth descriptions of how these signals behave, regardless of the source. Hands-on details are provided to help practitioners."--Jacket.

3. Record Nr. UNINA9910743395103321

Autore	Imayoshi Ayumi
Titolo	Discrimination of Mobile Supramolecular Chirality : Acylative Molecular Transformations by Organocatalysis / / by Ayumi Imayoshi
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2022
ISBN	981-16-7430-2 981-16-7431-0
Edizione	[1st ed. 2022.]
Descrizione fisica	1 online resource (99 pages)
Collana	Springer Theses, Recognizing Outstanding Ph.D. Research, , 2190-5061
Disciplina	541.226
Soggetti	Chemistry, Organic Catalysis Nanotechnology Clinical biochemistry Organic Chemistry Medical Biochemistry
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Introduction -- Mechanistic Study of Organocatalytic Chemoselective Monoacylation of 1,5-Pentanediol -- Discrimination of Mobile Supramolecular Chirality: Kinetic Resolution of Topologically Chiral Racemic Rotaxanes by Organocatalysis -- Conclusion and Perspective.
Sommario/riassunto	This book proposes a novel concept for molecular recognition. In the field of asymmetric synthesis approaching the mature science, asymmetric discrimination and catalytic synthesis of chiral supramolecules still stand as unsolved problems. The extreme difficulty in asymmetric synthesis of such supramolecules may result from the mobile nature of supramolecular chirality. Here the author shows the first highly enantioselective synthesis of mechanically chiral supramolecules. In the presence of a chiral organocatalyst, a mechanically planar chiral rotaxane was obtained with p erfect enantiopurity (>99% ee) with an excellent selectivity. The dynamic and flexible recognition mode enabled asymmetric synthesis of supramolecules with conformational flexibility and mobility. The

recognition mode of the catalyst is a contrast to the traditional static and rigid recognition mode of the typical conventional catalysts. The concept of dynamic molecular recognition will be adopted as a novel concept in a wide range of fields beyond the field of organic chemistry, including material chemistry, biochemistry, and medicinal chemistry.