1.	Record Nr.	UNINA9910438044503321
	Autore	Bretto Alain
	Titolo	Hypergraph Theory : An Introduction / / by Alain Bretto
	Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2013
	ISBN	9783319000800 3319000802
	Edizione	[1st ed. 2013.]
	Descrizione fisica	1 online resource (119 p.)
	Collana	Mathematical Engineering, , 2192-4732
	Disciplina	511 511.5 511/.5
	Soggetti	Graph theory Computer science—Mathematics Electrical engineering Applied mathematics Engineering mathematics Algorithms Graph Theory Discrete Mathematics in Computer Science Communications Engineering, Networks Mathematical and Computational Engineering
	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	Hypergraphs: basic concepts -- Hypergraphs: first properties -- Hypergraph coloring -- Some particular hypergraphs -- Reduction-contraction of Hypergraph -- Dirhypergraphs: basic concepts -- Applications of hypergraph theory : a brief overview.
	Sommario/riassunto	This authored monograph presents hypergraph theory and covers both traditional elements of the theory as well as more original concepts such as entropy of hypergraph, similarities and kernels. Moreover, the author gives a detailed account to applications of the theory, including, but not limited to, applications for telecommunications and modeling of parallel data structures. The target audience primarily comprises

researchers and practitioners in applied sciences but the book may also be beneficial for graduate students.