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	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