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	Collana	Studies in Fuzziness and Soft Computing, , 1860-0808 ; ; 390
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	Soggetti	Graph theory
		Discrete mathematics
		Algebra
		Computer science - Mathematics
		Graph Theory
		Discrete Mathematics
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	Nota di contenuto	1. Fuzzy Hypergraphs -- 2. Hypergraphs in Intuitionistic Fuzzy Environment -- 3. Hypergraphs in Interval-Valued Fuzzy Environment -- 4. Hypergraphs in Bipolar Fuzzy Environment -- 5. Hypergraphs in m-Polar Fuzzy Environment -- 6. Hypergraphs in q-Rung Orthopair Fuzzy Environment -- 7. Granular Computing Based on q-Rung Picture Fuzzy Hypergraphs -- 8. Hypergraphs in Single-Valued Neutrosophic Environment -- 9. Hypergraphs in Bipolar Neutrosophic Environment.
	Sommario/riassunto	This book presents the fundamental and technical concepts of fuzzy hypergraphs and explains their extensions and applications. It discusses applied generalized mathematical models of hypergraphs, including complex, intuitionistic, bipolar, m-polar fuzzy, Pythagorean, complex Pythagorean, and q-rung orthopair hypergraphs, as well as single-valued neutrosophic, complex neutrosophic and bipolar neutrosophic hypergraphs. In addition, the book also sheds light on

real-world applications of these hypergraphs, making it a valuable resource for students and researchers in the field of mathematics, as well as computer and social scientists.