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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	mPolar Fuzzy Sets and mPolar Fuzzy Graphs -- Certain Types of mPolar Fuzzy Graphs -- Certain Metrics in m Polar Fuzzy Graphs -- mPolar Fuzzy Labeling Graphs -- Certain Dominations in mPolar Fuzzy Graphs -- mpolar Fuzzy Concept Lattice -- mPolar Fuzzy Graph Structures -- mPolar Fuzzy Hypergraphs -- mPolar Fuzzy Matroids.
Sommario/riassunto	This book provides readers with an introduction to m-polar fuzzy graphs and m-polar fuzzy hypergraphs, covering both theories and applications. A special emphasis is given to m-polar fuzzy graphs at the aim of filling a gap in the literature, namely the absence of a mathematical approach to analyze multi-index, multipolar, and multi-attribute data. The book describes metrics and labeling in m-polar graphs, m-polar fuzzy matroids. It also discusses in detail important

applications in decision-making problems and imaging processing. The book is expected to stimulate the curiosity of mathematics, computer scientists, and social scientists alike, and to provide both students and researchers with the necessary knowledge to understand and apply mpolar fuzzy graph theory.