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	Collana	Studies in Fuzziness and Soft Computing, , 1434-9922 ; ; 375
	Disciplina	511.5
	Soggetti	Computational intelligence Graph theory Artificial intelligence Game theory Computational Intelligence Graph Theory Artificial Intelligence Game Theory, Economics, Social and Behav. Sciences
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	Nota di contenuto	Preliminaries -- Connectivity in Fuzzy Graphs -- Connectivity and Wiener Indices of Fuzzy Graphs -- Distances and Convexity in Fuzzy Graphs -- Aggregation Operators and t-Norm Fuzzy Graphs -- Dialectic Synthesis.
	Sommario/riassunto	This book builds on two recently published books by the same authors on fuzzy graph theory. Continuing in their tradition, it provides readers with an extensive set of tools for applying fuzzy mathematics and graph theory to social problems such as human trafficking and illegal immigration. Further, it especially focuses on advanced concepts such as connectivity and Wiener indices in fuzzy graphs, distance, operations on fuzzy graphs involving t-norms, and the application of dialectic synthesis in fuzzy graph theory. Each chapter also discusses a number of key, representative applications. Given its approach, the book provides readers with an authoritative, self-contained guide to – and at the same time an inspiring read on – the theory and modern

applications of fuzzy graphs. For newcomers, the book also includes a brief introduction to fuzzy sets, fuzzy relations and fuzzy graphs.