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Titolo	Soft Computing Applications for Group Decision-making and Consensus Modeling // edited by Mikael Collan, Janusz Kacprzyk
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Descrizione fisica	1 online resource (XXV, 488 p. 66 illus., 10 illus. in color.)
Collana	Studies in Fuzziness and Soft Computing, , 1860-0808 ; ; 357
Disciplina	006.3
Soggetti	Computational intelligence Operations research Artificial intelligence Computational Intelligence Operations Research and Decision Theory Artificial Intelligence
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Optimal Group Decision Making Can Help Decrease Poverty, Inequality, and Discrimination -- An Overview and Re-Interpretation of Paradoxes of Responsiveness -- Veto in Yes-no and Yes-no-abstain Voting Systems -- Power Indices for Finance -- The binomial decomposition of the single parameter family of GB welfare functions -- The logic of information and processes in the system-of-systems applications -- Decision-making Process using Hyperstructures and Fuzzy Structures in the Social Sciences -- Social Preferences through Riesz Spaces: A First Approach -- Coherent conditional plausibility: a tool for handling fuzziness and uncertainty under partial information -- Intuitionistic fuzzy interpretations of some formulas for estimation of preference degree -- Fuzzified Likert Scales in Group Multiple-criteria Evaluation -- Maximal Entropy and Minimal Variability OWA Operator Weights: A Short Survey of Recent Developments.
Sommario/riassunto	This book offers a concise introduction and comprehensive overview of the state of the art in the field of decision-making and consensus modeling, with a special emphasis on fuzzy methods. It consists of a

collection of authoritative contributions reporting on the decision-making process from different perspectives: from psychology to social and political sciences, from decision sciences to data mining, and from computational sciences in general, to artificial and computational intelligence and systems. Written as a homage to Mario Fedrizzi for his scholarly achievements, creative ideas and long lasting services to different scientific communities, it introduces key theoretical concepts, describes new models and methods, and discusses a range of promising real-world applications in the field of decision-making science. It is a timely reference guide and a source of inspiration for advanced students and researchers.
