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	Titolo	Modern Approaches to Agent-based Complex Automated Negotiation / / edited by Katsuhide Fujita, Quan Bai, Takayuki Ito, Minjie Zhang, Fenghui Ren, Reyhan Aydogan, Rafik Hadfi
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	Descrizione fisica	1 online resource (XI, 255 p. 87 illus., 67 illus. in color.)
	Collana	Studies in Computational Intelligence, , 1860-949X ; ; 674
	Disciplina	006.3
	Soggetti	Computational intelligence Artificial intelligence E-commerce Computational complexity Computational Intelligence Artificial Intelligence e-Commerce/e-business Complexity
	Lingua di pubblicazione	Inglese
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	Nota di bibliografia	Includes bibliographical references.
	Nota di contenuto	BiTrust: A Comprehensive Trust Management Model for Multi-agent Systems -- Using Reference Points for Competitive Negotiations in Service Composition -- A Cooperative Framework for Mediated Group Decision Making -- A CPN-Based Protocol for Concurrent Multiple Negotiation -- A Dependency-based Mediation Mechanism for Complex Negotiations -- Using graph properties and clustering techniques to select division mechanisms for scalable negotiations -- Compromising Strategy considering Interdependencies of Issues for Multi-issue Closed Nonlinear Negotiations.
	Sommario/riassunto	This book addresses several important aspects of complex automated negotiations and introduces a number of modern approaches for facilitating agents to conduct complex negotiations. It demonstrates that autonomous negotiation is one of the most important areas in the field of autonomous agents and multi-agent systems. Further, it

presents complex automated negotiation scenarios that involve negotiation encounters that may have, for instance, a large number of agents, a large number of issues with strong interdependencies and/or real-time constraints.