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Disciplina	006.3
Soggetti	Engineering - Societies, etc Intelligent agents (Computer software)
Lingua di pubblicazione	Inglese
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Livello bibliografico	Monografia
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Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Electronic Institutions -- Action and Agency in Norm-Governed Multi-agent Systems -- Managing Conflict Resolution in Norm-Regulated Environments -- Alternative Dispute Resolution in Virtual Organizations -- Electronic Institutions Infrastructure for e-Chartering -- Models of Complex Distributed Systems with Agents and Societies -- Multi-agent Simulation to Implementation: A Practical Engineering Methodology for Designing Space Flight Operations -- Progress Appraisal as a Challenging Element of Coordination in Human and Machine Joint Activity -- Automated Web Services Composition with the Event Calculus -- OPERAS: A Framework for the Formal Modelling of Multi-Agent Systems and Its Application to Swarm-Based Systems -- Interaction in Agent Societies -- The Acquisition of Linguistic Competence for Communicating Propositional Logic Sentences -- Contextualizing Behavioural Substitutability and Refinement of Role Components in MAS -- Amongst First-Class Protocols -- Engineering Social Intelligence in Multi-agent Systems -- Simulation of Negotiation Policies in Distributed Multiagent Resource Allocation -- Collective-Based Multiagent Coordination: A Case Study -- Tag Mechanisms Evaluated for Coordination in Open Multi-Agent Systems -- Trust and Reputation in Agent Societies -- Toward a Probabilistic Model of Trust in Agent Societies -- Arguing about Reputation: The LRep Language --

Analysis, Design and Development of Agent Societies -- From AO Methodologies to MAS Infrastructures: The SODA Case Study -- Model Driven Engineering for Designing Adaptive Multi-Agents Systems -- Trace-Based Specification of Law and Guidance Policies for Multi-Agent Systems.

Sommario/riassunto

This book constitutes the thoroughly refereed post-conference proceedings of the 7th International Workshop on Engineering Societies in the Agents World, ESAW 2007, held in Athens, Greece, in October 2007. The 19 revised full papers were carefully reviewed and selected for inclusion in this book. The papers are organized in topical sections on electronic institutions, models of complex distributed systems with agents and societies; interaction in agent societies; engineering social intelligence in multi-agent systems; trust and reputation in agent societies; analysis, design and development of agent societies.
