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	Nota di bibliografia	Includes bibliographical references and index.
	Nota di contenuto	Modelling and Design of Agent Systems -- An Agent-Environment Interaction Model -- Allocating Goals to Agent Roles During MAS Requirements Engineering -- An Aspect-Oriented Modeling Framework for Multi-Agent Systems Design -- Modelling Open Agent Systems -- Extending UML Sequence Diagrams to Model Agent Mobility -- Applying the Governance Framework Technique to Promote Maintainability in Open Multi-Agent Systems -- Designing Institutional Multi-Agent Systems -- Formal Reasoning About Designs -- Modeling Mental States in the Analysis of Multiagent Systems Requirements -- Observed-MAS: An Ontology-Based Method for Analyzing Multi-Agent Systems Design Models -- Using Risk Analysis to Evaluate Design Alternatives -- Testing, Debugging and Evolvability -- SUNIT: A Unit Testing Framework for Test Driven Development of Multi-Agent Systems -- Monitoring Group Behavior in Goal-Directed Agents Using Co-efficient Plan Observation -- Evaluating a Model Driven Development Toolkit for Domain Experts to Modify Agent Based Systems -- Building the Core Architecture of a NASA Multiagent System Product Line.

Sommario/riassunto   Software architectures that contain many dynamically interacting
components, each with their own thread of control, and engaging in
complex coordination protocols, are difficult to correctly and efficiently
engineer. Agent-oriented modelling techniques are important for
supporting the design and development of such applications. This book
provides a diverse and interesting overview of the work that is currently
being undertaken by a growing number of researchers and research
groups in the area of Agent-Oriented Software Engineering. The papers
present leading edge research in this field, which is of critical
importance in facilitating industry take-up of powerful agent
technologies. This volume constitutes the thoroughly refereed post-
proceedings of the 7th International Workshop on Agent-Oriented
Software Engineering, AOSE 2006, held in Hakodate, Japan, in May
2006 as part of AAMAS 2006. The 13 revised full papers were carefully
selected from numerous submissions during two rounds of reviewing
and improvement and have been complemented by invited papers from
leading researchers in the field. The papers are organized in topical
sections on modelling and design of agent systems, modelling open
agent systems, formal reasoning about designs, as well as testing,
debugging and evolvability.