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Soggetti	Intelligent agents (Computer software)
Lingua di pubblicazione	Inglese
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Livello bibliografico	Monografia
Note generali	International conference proceedings.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Keynote Speech: A Review of the Ontological Status, Computational Foundations and Methodological Processes of Agent-Based Modeling and Simulation Approaches: Open Challenges and Research Perspectives -- Keynote Speech: Computational Collective Intelligence and Knowledge Inconsistency in Multi-agent Environments -- Keynote Speech: Agent Oriented Software Engineering: Why and How -- Coordinating Agents Plans in Multi-Agent Systems Using Colored Petri Nets -- Design of an Internet-Based Advisory System: A Multi-agent Approach -- Towards Virtual Epidemiology: An Agent-Based Approach to the Modeling of H5N1 Propagation and Persistence in North-Vietnam -- Measurement of Underlying Cooperation in Multiagent Reinforcement Learning -- Reo Connectors as Coordination Artifacts in 2APL Systems -- A Verification Framework for Normative Multi-Agent Systems -- Social Viewpoints for Arguing about Coalitions -- Changing Institutional Goals and Beliefs of Autonomous Agents -- Reasoning about Constitutive Norms, Counts-As Conditionals, Institutions, Deadlines and Violations -- When to Use a Multi-Agent System? -- Multiagent Incremental Learning in Networks -- UML-F in the Design of an Agent-Oriented Software Framework -- Interactive Learning of Expert Criteria for Rescue Simulations -- Modularity in Agent Programming Languages -- On the Pheromone Update Rules of Ant

Colony Optimization Approaches for the Job Shop Scheduling Problem -- Preliminary Result on Secure Protocols for Multiple Issue Negotiation Problems -- Performance Analysis about Parallel Greedy Approximation on Combinatorial Auctions -- Online Market Coordination -- Towards an Evaluation Framework for MAS Software Engineering -- From Obligations to Organizational Structures in Multi-Agent Systems -- Addressing the Brittleness of Agent Interaction -- Dividing Agents on the Grid for Large Scale Simulation -- An Interest Rate Adjusting Method with Bayesian Estimation in Social Lending -- A Temporal Logic for Stochastic Multi-Agent Systems -- Applying the Logic of Multiple-Valued Argumentation to Social Web: SNS and Wikipedia -- Simulation of Halal Food Supply Chain with Certification System: A Multi-Agent System Approach -- A Novel Approach for Conflict Resolution in Context-Awareness Using Semantic Unification of Multi-Cognition -- Improving Trade-Offs in Bilateral Negotiations under Complete and Incomplete Information Settings -- PAMS – A New Collaborative Framework for Agent-Based Simulation of Complex Systems -- Methodological Steps and Issues When Deriving Individual Based-Models from Equation-Based Models: A Case Study in Population Dynamics -- Abstraction of Agent Cooperation in Agent Oriented Programming Language -- Knowledge Assessment: A Modal Logic Approach -- The Design of a Self-locating Automatic-Driving Robot -- Settling on the Group's Goals: An n-Person Argumentation Game Approach -- Revenue Maximising Adaptive Auctioneer Agent -- Managing Collaboration Using Agent Based Simulation -- Using Agent-Based Simulation of Human Behavior to Reduce Evacuation Time -- Participatory Simulation Platform Using Network Games -- A Multiagent-System Framework for Hierarchical Control and Monitoring of Complex Process Control Systems -- Agent Reasoning with Semantic Web in Web Blogs -- Design of a Multiagent System over Mobile Devices for the Planning of Touristic Travels.

Sommario/riassunto

This book constitutes the proceedings of the the 11th Pacific Rim International Conference on Multi-Agents, PRIMA 2008, held in Hanoi, Vietnam, in December 2008. The 19 regular papers and 22 short papers presented together with 3 keynote speeches, were carefully reviewed and selected from 56 submissions. Many current subjects in multi-agent research and development are addressed, ranging from theoretical and methodological issues to various applications in different fields. There was a track on multi-issue negotiation and agents and HCI.
