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Collana	Lecture Notes in Artificial Intelligence ; ; 9571
Disciplina	004
Soggetti	Artificial intelligence Computer simulation Software engineering Application software Mathematical logic Algorithms Artificial Intelligence Simulation and Modeling Software Engineering Information Systems Applications (incl. Internet) Mathematical Logic and Formal Languages Algorithm Analysis and Problem Complexity
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di contenuto	Excerpts from the Study of Coalitions: from Social Behavior to Computer Science -- Probationary Contracts: Reducing Risk in Norm-Based Systems -- From Public Plans To Global Solutions in Multiagent Planning -- Intelligent People Flow Guidance in Smart Spaces -- Customized document research by a stigmergic approach using agents and artifacts -- Collaborative Framework for Monitoring Reliability of Distributed Components of Composed Services -- Graph Patterns, Reinforcement Learning and Models of Reputation for Improving

Coalition Formation in Collaborative Multi-Agent Systems -- Multiagent Model for Agile Context Inference based on Artificial Immune Systems and Sparse Distributed Representations -- Factored MDPs for Optimal Prosumer Decision-Making in Continuous State Spaces -- Composing Swarm Robot Formations Based on Their Distributions Using Mobile Agents -- Group-based Pricing to Shape Demand in Real-time Electricity Markets -- Human Rating Methods on Multi-Agent Systems -- Learning in Multi Agent Social Environments with Opponent Models -- A Particle Swarm Optimization Metaheuristic for the Blocking Flow Shop Scheduling Problem: Total Tardiness Minimization -- Towards an Agent-based Negotiation Scheme for Scheduling Electric Vehicles Charging -- Agreement Technologies In Smart Cities: Transmission Towers Maintenance With Virtual Organizations -- TugaTAC Broker: A Fuzzy Logic Adaptive Reasoning Agent for Energy Trading -- A Dialectical Approach to Enable Decision Making in Online Trading -- What should an agent know not to fail in persuasion -- Argumentation-based Hybrid Recommender System for Recommending Learning Objects -- How to share knowledge by gossiping -- Identifying Malicious Behavior in Multi-party Bipolar Argumentation Debates -- Probabilistic Argumentation, a Small Step for Uncertainty, a Giant Step for Complexity -- Modeling Social Deviance in Artificial Agent Societies -- Modeling and Enforcing Semantic Obligations for Access Control -- Coupling Regulative and Constitutive Dimensions in Situated Artificial Institutions -- Trust-based Multiagent Credit Assignment (TMCA) -- Information sources about hydrogeological disasters: the role of trust -- Trust, Negotiations and Virtual Currencies for a Sharing Economy -- Logic and Games for Ethical Agents in Normative Multi-agent Systems -- Human-in-the-Loop Simulation of a Virtual Classroom -- Applying agent based simulation to the design of traffic control systems with respect to real-world urban complexity -- Towards Smart Open Dynamic Fleets -- A Concurrent Architecture for Agent Reasoning Cycle Execution in Jason -- Hardware Architecture Benchmarking for Simulation of Human Immune System by Multi-agents Systems -- Automating Personalized Learning through Motivation -- Agent Based Simulation to Evaluate Adaptive Caching in Distributed Databases -- Analysing Incentive Strategies to Promote Participation in Crowdsourcing Systems.

Sommario/riassunto

This book constitutes the revised selected papers from the 13 European Conference on Multi-Agent Systems, EUMAS 2015, and the Third International Conference on Agreement Technologies, AT 2015, held in Athens, Greece, in December 2015. The 36 papers presented in this volume were carefully reviewed and selected from 65 submissions. They are organized in topical sections named: coordination and planning; learning and optimization, argumentation and negotiation; norms, trust, and reputation; agent-based simulation and agent programming. .
