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Soggetti	Multiagent systems
Lingua di pubblicazione	Inglese
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Livello bibliografico	Monografia
Nota di contenuto	Intelligent agents and MAS applications -- Towards a Theory of Intentions for Human-Robot Collaboration -- Decentralised Control of Intelligent Devices: A Healthcare Facility Study -- Decentralised Multi-Intersection Congestion Control for Connected Autonomous Vehicles -- Congestion Management for Mobility-on-Demand Schemes that use Electric Vehicles -- Disaster Response Simulation as a Testbed for Multi-Agent Systems -- Mechanisms, Incentives, Norms, Privacy -- Rewarding miners: bankruptcy situations and pooling strategies -- A Game-Theoretical Analysis of Charging Strategies for Competing Double Auction Marketplaces -- Agents for Preserving Privacy: Learning and Decision Making Collaboratively -- Open Social Systems -- A Faithful Mechanism for Privacy-Sensitive Distributed Constraint Satisfaction Problems -- Incentivising Exploration and Recommendations for Contextual Bandits with Payments -- Emotional Agents Make a (Bank) Run -- Autonomous Agents -- An Interface for Programming Verifiable Autonomous Agents in ROS -- Integrated Commonsense Reasoning and Deep Learning for Transparent Decision Making in Robotics -- Combining Lévy Walks and Flocking for Cooperative Surveillance using Aerial Swarms -- Single-Agent Policies for the Multi-Agent Persistent Surveillance Problem via Artificial Heterogeneity -- Explaining the influence of prior knowledge on

POMCP policies -- EUMAS 2020 Best Papers Session -- Approximating Voting Rules from Truncated Ballots -- Mechanism for Distributed Meeting Scheduling -- EUMAS-AT 2020 Joint Session -- An argumentation-based approach to generate domain-specific explanations -- Distributed multi-issue multi-lateral negotiation using a divide and rule approach -- Increasing negotiation performance at the edge of the network -- Challenges and Main Results of the Automated Negotiating Agents Competition -- Optimal Majority Rule Versus Simple Majority Rule -- Evaluating Crowdshipping Systems with Agent-Based Simulation -- Agent-based models, Social choice, Argumentation, Model-checking -- Measuring the Strength of Rhetorical Arguments -- Understanding the role of values and norms in practical reasoning -- Predicting the winners of Borda, Kemeny and Dodgson elections with supervised machine learning -- From Virtual Worlds to Mirror Worlds: A Model and Platform for Building Agent-based eXtended Realities -- Model-checking Information Diffusion in Social Networks with PRISM 452 -- "Roads? Where we're going we don't need roads." Using Agent-based modeling to analyze the economic impact of Hyperloop introduction on a supply chain -- Sensitivity to Initial Conditions in Agent-based Models.-: Agent-oriented software engineering, Game Theory, Task Allocation, Learning -- Statecharts and Agent Technology: The Past and Future -- A Game Of Double Agents: Repeated Stackelberg Games with Role Switch -- Learning Summarised Messaging through Mediated Differentiable Inter Agent Learning -- Integrating Deep Learning and Non-monotonic Logical Reasoning for Explainable Visual Question Answering -- Multiagent Task Coordination as Task Allocation Plus Task Responsibility -- Anytime and Efficient Coalition Formation with Spatial and Temporal Constraints.

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### Sommario/riassunto

This book constitutes the revised post-conference proceedings of the 17th European Conference on Multi-Agent Systems, EUMAS 2020, and the 7th International Conference on Agreement Technologies, AT 2020, which were originally planned to be held as a joint event in Thessaloniki, Greece, in April 2020. Due to COVID-19 pandemic the conference was postponed to September 2020 and finally became a fully virtual conference. The 38 full papers presented in this volume were carefully reviewed and selected from a total of 53 submissions. The papers report on both early and mature research and cover a wide range of topics in the field of autonomous agents and multi-agent systems.

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