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Collana	Lecture Notes in Artificial Intelligence ; ; 5924
Disciplina	006.3
Soggetti	Artificial intelligence Computer communication systems Computer science—Mathematics Algorithms Computer simulation Computer organization Artificial Intelligence Computer Communication Networks Discrete Mathematics in Computer Science Algorithm Analysis and Problem Complexity Simulation and Modeling Computer Systems Organization and Communication Networks
Lingua di pubblicazione	Inglese
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Abstraction and Generalization in Reinforcement Learning: A Summary and Framework -- The Effects of Evolved Sociability in a Commons Dilemma -- Replicator Dynamics for Multi-agent Learning: An Orthogonal Approach -- Decentralized Learning in Wireless Sensor Networks -- Recursive Adaptation of Step-size Parameter for Non-stationary Environments -- Multiagent Reinforcement Learning Model

for the Emergence of Common Property and Transhumance in Sub-Saharan Africa -- Learning to Locate Trading Partners in Agent Networks -- Coordinating Learning Agents for Multiple Resource Job Scheduling.

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#### Sommario/riassunto

This book presents selected and revised papers of the Second Workshop on Adaptive and Learning Agents 2009 (ALA-09), held at the AAMAS 2009 conference in Budapest, Hungary, May 12. The goal of ALA is to provide an interdisciplinary forum for scientists from a variety of fields such as computer science, biology, game theory and economics. This year's edition of ALA was the second after the merger of the former workshops ALAMAS and ALAg. In 2008 this joint workshop was organized for the first time under the flag of both events. ALAMAS was a yearly returning European workshop on adaptive and learning agents and multi-agent systems (held eight times). ALAg was the international workshop on adaptive and learning agents, which was usually held at AAMAS. To increase the strength, visibility and quality of the workshop it was decided to merge both workshops under the flag of ALA and to set up a Steering Committee as an organizational backbone. This book contains six papers presented during the workshop, which were carefully selected after an additional review round in the summer of 2009. We therefore wish to explicitly thank the members of the Program Committee for the quality and sincerity of their efforts and service. Furthermore we would like to thank all the members of the senior Steering Committee for making this workshop possible and supporting it with sound advice. We also thank the AAMAS conference for providing us a platform for holding this event. Finally we also wish to thank all authors who responded to our call-for-papers with interesting contributions.

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