《Multi-Agent Systems 》

图书基本信息

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内容概要

This book constitutes the refereed proceedings of the 4th International Central and Eastern European Conference on Multi-Agent Systems, CEEMAS 2005, held in Budapest, Hungary in September 2005. The 51 revised full papers and 33 revised short papers presented together with an invited paper were carefully reviewed and selected from 113 submissions. The papers are organized in topical sections on agent communication, interaction protocols, and mechanism; agent models and architectures; agent-oriented software engineering, modeling, and methodologies; coordination, teamwork, social knowledge, and social reasoning; formal methods and logic in MAS; learning and evolution of MAS; personal agents and agent-based user interfaces; planning and scheduling in MAS; scalability, robustness, and performance, self-organizing systems in emergent organizations; trust, reputation, reliability, security, and intrusion detection; and applications.

书籍目录

Invited Paper Palpable Computing and the Role of Agent TechnologyResearch Papers Agent Communication, Interaction Protocols and A Dynamic Joint Protocols Selection Method to Perform Mechanisms A Formal Framework for Interaction Protocol Engineering **Collaborative Tasks** Towards a Conversational Language for Artificial Agents in Mixed Community Adaptive Mobile Multi-agent Systems Agent Models and Architectures Agent Encapsulation in a Cognitive Vision MAS A Model of Multi-agent System Based on Policies and Contracts Case-Based Student Modeling in Multi-agent Learning Environment Intelligent Virtual Environments for Training: An Agent-Based Approach Patient Driven with Multiagent System Supervisory Control Mobile Platform to Enhance Conventional Wheelchair, SECMAP: A Secure Mobile Agent Platform What Is Context and How Can an Agent Learn to Find and

Use it When Making Decisions? Agent Oriented Software Engineering, Modelling and Methodologies A Formal Modelling Framework for Developing Multi-agent Systems with Dynamic Structure and Behaviour

Discovery of Crises via Agent-Based Simulation of a Transportation System Evaluating the Feasibility of Method Engineering for the Creation of Agent-Oriented Methodologies Formalizing Compatibility and Substitutability of Rolebased Interactions Components in Multi-agent Systems MAS Meta-models on Test: UML vs. OPM in the SODA Case Study Programming an Agent as Abstract State Machine The PASSI and Agile PASSI MAS Meta-models Compared with a Unifying Proposal The Synthesis Stage in the Software Agent Development Process.....Short Research PapersAuthor Index

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