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   Nota di contenuto   Keynotes -- Software Agents: The Future of Web Services -- Building Automated Negotiators -- Emergence in Cyberspace: Towards the Evolutionary Self-Organizing Enterprise -- Regular Papers -- Requirements Analysis in Tropos: A Self-Referencing Example -- A Mechanism for Dynamic Role Playing -- Agent UML Class Diagrams Revisited -- The Behavior-Oriented Design of Modular Agent Intelligence -- Engineering JADE Agents with the Gaia Methodology -- Designing Peer-to-Peer Applications: An Agent-Oriented Approach --

Introducing Pattern Reuse in the Design of Multi-agent Systems -- Specifying Reuse Concerns in Agent System Design Using a Role Algebra -- Comparison of Some Negotiation Algorithms Using a Tournament-Based Approach -- State-Based Modeling Method for Multiagent Conversation Protocols and Decision Activities -- A Framework for Inter-society Communication in Agents -- Action Recognition and Prediction for Driver Assistance Systems Using Dynamic Belief Networks -- Collaborative Agent System Using Fuzzy Logic for Optimisation -- A Self-Organizational Management Network Based on Adaptive Resonance Theory -- Mobile Software Agents for Location-Based Systems -- Partner Detection and Selection in Emergent Holonic Enterprises -- A Multi-agent System for E-insurance Brokering -- An XML Multi-agent System for E-learning and Skill Management -- Integrating Mobile and Intelligent Agents in Advanced E-commerce: A Survey -- An Agent-Oriented Approach to Industrial Automation Systems -- Multi-agent Model to Control Production System: A Reactive and Emergent Approach by Cooperation and Competition between Agents -- Integrating Agents in Software Applications -- A Foundational Analysis of Software Robustness Using Redundant Agent Collaboration.

| Sommario/riassunto | This book constitutes the thoroughly refereed post-proceedings of the three agent-related workshops held during the NetObjectDays international conference, NODe 2002, held in Erfurt, Germany, in October 2002. The 23 revised full papers presented with a keynote paper and 2 abstracts were carefully selected during 2 rounds of reviewing and improvement. The papers are organized in topical sections on agent-oriented requirements engineering and specification, agent-oriented software engineering, reuse, negotiation and communication, large complex systems, e-business, and applications. |