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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Coordination, Negotiation, and Learning -- Coordinating Distributed Decision Making Using Reusable Interaction Specifications -- Dynamic Properties of Multiagents Based on a Mechanism of Loose Coalition -- Agent Negotiation under Uncertainty and Risk -- Argumentation as a Social Computing Paradigm -- Rationality Assumptions and Optimality of Co-learning -- Architecture, Specification, and Allocation -- Experiences in the Development of an Agent Architecture -- Building a Network Community Support System on the Multi-agent Platform Shine -- A Secure Route Structure for Information Gathering Agent -- An Approach to Specifying Coordinated Agent Behaviour -- Specifying Agent Behaviour with Use Cases -- Market-Based Network Resource Allocation with Non-tâtonnement Process -- Applications -- Autonomous Cooperative Factory Control -- Delegation of

PRIMA 2000 was the third in the series of Pacific Rim International Workshops on Multi-Agents. It was held on August 28-29, 2000, in Melbourne, Australia in conjunction with the Pacific Rim International Conference on Artificial Intelligence 2000. PRIMA is the main forum for the agent or multi-agent researchers in Pacific Rim countries to exchange and discuss their research results. This volume contains selected papers from PRIMA 2000. It covers theory, design, and applications of intelligent agents. The specific aspects include coordination, negotiation, learning, architecture, specification, allocation, and application of intelligent agents. All papers are of high quality because each of them was reviewed and recommended by at least two international renowned program committee members. Many people contributed to this volume. We would like to thank all the authors who submitted papers to the workshop. Many thanks also to the members of the program committee who diligently reviewed all the papers. Finally, we thank the editorial staff of Springer-Verlag for publishing this volume in the Lecture Notes in Artificial Intelligence series.
