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   Nota di contenuto   Coordination, Negotiation, and Learning -- Coordinating Distributed
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                       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

Responsibility in an Agent-Based Process Management System.

Sommario/riassunto

PRIMA 2000 was the third in the series of Paci c Rim International Workshops on Multi-Agents. It was held on August 28-29, 2000, in Melbourne, Australia in conjunction with the Paci c Rim International Conference on Arti cial Intel- gence 2000. PRIMA is the main forum for the agent or multi-agent researchers in paci c 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 speci c aspects include co-dination, negotiation, learning, architecture, speci cation, allocation, and app- cation 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 a- hors 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 sta of Springer-Verlag for publishing this volume in the Lecture Notes in Arti cial Intelligence series.