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Nota di contenuto	From reaction to cognition 5th European Workshop on modelling an agent in a multi-agent world MAAMAW '93 -- When ants play chess (Or can strategies emerge from tactical behaviours?) -- How to define agent properties — or: What is a fair agent? -- Emergent planning: A computational architecture for situated behaviour -- Coalition formation among autonomous agents: Strategies and complexity (preliminary report) -- Coalition formation among autonomous agents -- Organizational fluidity and sustainable cooperation -- Emergent constraint satisfaction through multi-agent coordinated interaction -- Sophisticated and distributed: The transportation domain -- A framework for the interleaving of execution and planning for dynamic tasks by multiple agents -- Generic, configurable, cooperation protocols for multi-agent systems -- Around the architectural agent approach to model conversations -- Norms as mental objects. From normative beliefs to normative goals -- The hedonic agent: A constructivist approach of abductive capacities -- The conceptual framework of MAI2L -- Designing good pursuit problems as testbeds

for distributed AI: A novel application of genetic algorithms.

Sommario/riassunto

This volume contains thoroughly refereed full versions of the best papers presented at the 5th European Workshop on Modelling Autonomous Agents in a Multi-Agent World, MAAMAW '93, held in Neuchâtel, Switzerland in August 1993. The volume opens with a detailed introduction by the volume editors bringing the papers in line and offering a readers' guide. The 15 full research papers reflect the state-of-the-art in this dynamic field of research; they are organized in sections on emergence of global properties, emergence of sociality, multi-agent planning, multi-agent communication, and multi-agent architectures.
