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Nota di contenuto	Agents: Towards a society in which humans and computers cohabitate -- ARCHON and its environment -- What ants cannot do -- Towards a theory of cooperative problem solving -- A tool for handling uncertain information in multi-agent systems -- DA-SoC: A testbed for modelling distribution automation applications using agent-oriented programming -- APPEAL: A multi-agent approach to interactive learning environments -- Language constructs for coordination in an agent space -- A distributed approach to partial constraint satisfaction problems -- A collaboration strategy for repetitive encounters -- ASIC: An architecture for social and individual control and its application to computer vision -- Hierarchical model and communication by signs, signals, and symbols in multi-agent environments -- Plan recognition: From single-agent to multi-agent plans -- Distributed negotiation-based task planning for a flexible manufacturing environment -- A multi-agent approach to dynamic, adaptive scheduling of material flow

-- Motion planning for an articulated robot: A multi-agent approach.

Sommario/riassunto

This book constitutes the refereed proceedings of the 6th European Workshop on Modelling Autonomous Agents in a Multi-Agent World, MAAMAW '94, held in Odense, Denmark, in August 1994. The 15 revised full papers included in the book were carefully selected from the workshop contributions; they address various current aspects of multi-agent systems, with a certain focus on applicational aspects. In addition, there is an invited paper "Agents: towards a society in which humans and computers cohabit" by Mario Tokoro.
