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Titolo	Conflicting agents [[electronic resource]] : conflict management in multi-agent systems / / edited by Catherine Tessier, Laurent Chaudron, Heinz-Jurgen Muller
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ISBN	1-280-20559-8 9786610205592 0-306-46985-5
Edizione	[1st ed. 2002.]
Descrizione fisica	1 online resource (352 p.)
Collana	Multiagent systems, artificial societies, and simulated organizations
Altri autori (Persone)	TessierCatherine ChaudronLaurent MullerHeinz Jurgen
Disciplina	006.3/3
Soggetti	Intelligent agents (Computer software) Electronic data processing - Distributed processing Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references (p. [303]-332) and index.
Nota di contenuto	Agents' Conflicts: New Issues -- Conflicts and Agents: Essentials -- Conflicts within and for Collaboration -- Their Problems are My Problems -- Conflicts in Social Theory and Multi-agent Systems -- Conflicts of Operational Agents -- Conflicts in Agent Teams -- Conflict-based Behaviour Emergence in Robot Teams -- Conflicts in Collective Robotics -- Application Centered Agents' Conflicts -- Strategic Use of Conflicts in Tutoring Systems -- Conflict Handling in Collaborative Search -- Conflict as a Heuristic in the Development of an Interaction Mechanics.
Sommario/riassunto	Conflicts between agents acting in a multi-agent environment arise for different reasons, involve different concepts, and are dealt with in different ways, depending on the kind of agents and on the domain where they are considered. Agents may have conflicting beliefs, conflicting goals, or may have to share limited resources. Consequently, conflicts may be expressed as mere differences, or as contradictions, or even as social conflicts. They may be avoided, solved,

kept, or even created deliberately. Conflicting Agents studies conflicts in the context of multi-agent systems, i.e. artificial societies modeled on the basis of autonomous, interacting agents. This book addresses questions about types of conflicts, conflict definitions and the use of conflicts as trigger functions for activities in multi-agent systems. The book is also dedicated to questions of conflict management, resolution and avoidance, i.e. the question of how agents cope with conflicts and conflicting situations.
