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Descrizione fisica	1 online resource (X, 245 p. 83 illus.)
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Soggetti	Artificial intelligence Computer programming Software engineering Artificial Intelligence Programming Techniques Software Engineering
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Livello bibliografico	Monografia
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	An Implementation of Jason in Erlang -- Conceptual Integration of Agents with WSDL and Restful Web Services -- Agent Programming Languages Requirements for Programming Autonomous Robots -- An Agent-Based Cognitive Robot Architecture -- A Programming Framework for Multi-agent Coordination of Robotic Ecologies -- Evaluation of a Conversation Management Toolkit for Multi Agent Programming -- Compact and Efficient Agent Messaging -- Query Caching in Agent Programming Languages -- Typing Multi-agent Programs in simpAL -- Learning to Improve Agent Behaviours in GOAL -- The Multi-Agent Programming Contest 2012 -- Reimplementing a Multi-Agent System in Python -- Conquering Large Zones by Exploiting Task Allocation and Graph-Theoretical Algorithms.
Sommario/riassunto	This book constitutes the thoroughly refereed post-conference proceedings of the 10th International Workshop on Programming Multi-Agents Systems held in Valencia, Spain, in June 2012. The 10 revised full papers presented were carefully selected from 14

submissions covering a wide range of topics in multi-agent system programming languages, including language design and efficient implementation, agent communication, and robot programming. In addition to these regular papers, the volume includes six papers from the Multi-Agent programming Contest 2012 (MAPC).

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