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Titolo	Multiagent systems and applications . Volume 1 Practice and experience / / Maria Ganzha and Lakhmi C. Jain (eds.)
Pubbl/distr/stampa	Berlin, : Springer, 2013
ISBN	1-283-91013-6 3-642-33323-0
Edizione	[1st ed. 2013.]
Descrizione fisica	1 online resource (295 p.)
Collana	Intelligent systems reference library, , 1868-4394
Altri autori (Persone)	JainL. C
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Soggetti	Multiagent systems
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 and index.
Nota di contenuto	Assessing Agent Applications -- The Jadex Project – Programming Model -- Extensible Java EE-based Agent Framework – Past, Present, Future -- Caire Agent-based XDSL monitoring and optimization -- The Jadex Project: Simulation -- Agents in Simulation of Cyberattacks to Evaluate Security of Critical Infrastructures -- Simulated Multi-robot Tactical Missions in Urban Warfare -- On the development of mobile agent systems for wireless sensor networks: issues and solutions -- – Argumentative Agents for Service-Oriented -- Public Administration workflows re-engineering: an Agent-based M&S approach.
Sommario/riassunto	The focus of the book is on completed implementations of agent-based software systems. Here, agent technology is considered broadly, starting from development of agent platforms, all the way through systems actually implemented. The covered topics also include lessons learned during implementation of agent platforms and the reflection on the process of development and application of agent-based systems. The book includes 10 chapters where interested reader can find discussion of important issues encountered during development of well-known agent platforms such as JADE and Jadex as well as some interesting experiences in developing a new platform that combines software agent and Web Services. Furthermore, the book shows readers several valuable examples of applications based on multi-agent systems including simulations, agents in autonomous negotiations and agents in public administration modelling. We believe that the book will

prove useful to the researchers, professors and the practitioners in all disciplines including science and technology.