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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Main track: methodological aspects of agent systems -- Main track: agent-oriented Web applications -- Main track: mobility aspects of agent systems and ontology management -- Main track: multi-agent resource allocation -- Main track: negotiating agents -- Main track: agents for network management -- Main track: agent approaches to robotic systems -- Main track: market agents and other applications -- Doctoral track -- Special session: mobile agent application and its development -- Special session: agent on networked media and its applications on next-generation convergence network (ANM07) -- Special session: Intelligent and secure agent for digital content management.
Sommario/riassunto	st This volume contains papers selected for presentation at the 1 KES Symposium on Agent and Multi-Agent Systems – Technologies and Applications (KES-AMSTA 2007), held in Wroclaw, Poland, May 31 –

June 1, 2007. The symposium was organized by the Institute of Information Science and Engineering, Wrocław University of Technology, and KES International, as part of the KES Conference Series. The aim of the symposium was to provide an international forum for scientific research in the technologies and applications of agent and multi-agent systems. Agents and multi-agent systems are related to the modern software which has long been recognized as a promising technology for constructing autonomous, complex and intelligent systems. A key development in the field of agent and multi-agent systems has been the specification of agent communication languages and formalization of ontologies. Agent communication languages are intended to provide standard declarative mechanisms for agents to communicate knowledge and make requests of each other, whereas ontologies are intended for conceptualization of the knowledge domain.
