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Titolo	Semantic grid [[electronic resource]] : model, methodology and applications // Zhaohui Wu and Huajun Chen
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Altri autori (Persone)	ChenHuajun
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Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Knowledge Representation for the Semantic Grid -- Dynamic Problem Solving in the Semantic Grid -- Trust Computing in the Semantic Grid -- Data Integration in the Semantic Grid -- Service Flow Management in the Semantic Grid -- Data Mining and Knowledge Discovery in the Semantic Grid -- DartGrid: A Semantic Grid Implementation -- Semantic Grid Applications for Traditional Chinese Medicine -- Semantic Grid Applications in Intelligent Transportation Systems.
Sommario/riassunto	Semantic Grid: Model, Methodology, and Applications introduces to the science, core technologies, and killer applications. First, scientific issues of semantic grid systems are covered, followed by two basic technical issues, data-level semantic mapping, and service-level semantic interoperating. Two killer applications are then introduced to show how to build a semantic grid for specific application domains. Although this book is organized in a step by step manner, each chapter is independent. Detailed application scenarios are also presented. In 1990, Prof. Wu invented the first KB-system tool, ZIPE, based on C on a SUN platform. He proposed the first coupling knowledge representing model, Couplingua, which embodies Rule, Frame, Semantic Network and Nerve Cell Network, and supports symbol computing and data processing computing. His current focus is on semantic web, grid &

ubiquitous computing, and their applications in the life sciences.
