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| | Autore | Wu Zhaohui <1966-> |
| | Titolo | Semantic grid [[electronic resource] ] : model, methodology and applications / / Zhaohui Wu and Huajun Chen |
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| | ISBN | 9786611904470<br>1-281-90447-3<br>3-540-79454-9 |
| | Edizione | [1st ed. 2008.] |
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| | Collana | Advanced topics in science and technology in China |
| | Altri autori (Persone) | ChenHuajun |
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| | Soggetti | Semantic integration (Computer systems)<br>Computational grids (Computer systems)<br>Electronic books. |
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| | 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 | 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.