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Titolo	Market-oriented grid and utility computing [[electronic resource] / / edited by Rajkumar Buyya, Kris Bubendorfer
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Collana	Wiley Series on Parallel and Distributed Computing ; ; v.75
Altri autori (Persone)	BuyyaRajkumar <1970-> BubendorferKris
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Soggetti	Computational grids (Computer systems) Utilities (Computer programs) Electronic books.
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Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
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Nota di contenuto	MARKET-ORIENTED GRID AND UTILITY COMPUTING; CONTENTS; CONTRIBUTORS; PREFACE; ACKNOWLEDGMENTS; ACRONYMS; PART I FOUNDATIONS; 1 Market-Oriented Computing and Global Grids: An Introduction; 2 Markets, Mechanisms, Games, and Their Implications in Grids; 3 Ownership and Decentralization Issues in Resource Allocation Mechanisms; 4 Utility Functions, Prices, and Negotiation; 5 Options and Commodity Markets for Computing Resources; PART II BUSINESS MODELS; 6 Grid Business Models, Evaluation, and Principles; 7 Grid Business Models for Brokers Executing SLA-Based Workflows 8 A Business-Rules-Based Model to Manage Virtual Organizations in Collaborative Grid Environments 9 Accounting as a Requirement for Market-Oriented Grid Computing; PART III POLICIES AND AGREEMENTS; 10 Service-Level Agreements (SLAs) in the Grid Environment; 11 SLAs, Negotiation, and Challenges; 12 SLA-Based Resource Management and Allocation; 13 Market-Based Resource Allocation for Differentiated Quality Service Levels; 14 Specification, Planning, and Execution of

QoS-Aware Grid Workflows; 15 Risk Management In Grids; PART IV
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Computational Grid17 The Nimrod/G Grid Resource Broker for
Economics-Based Scheduling; 18 Techniques for Providing Hard
Quality-of-Service Guarantees in Job Scheduling; 19 Deadline Budget-
Based Scheduling of Workflows on Utility Grids; 20 Game-Theoretic
Scheduling of Grid Computations; 21 Cooperative Game-Theory-Based
Cost Optimization for Scientific Workflows; 22 Auction-Based Resource
Allocation; 23 Two Auction-Based Resource Allocation Environments:
Design and Experience; 24 Trust in Grid Resource Auctions
25 Using Secure Auctions to Build a Distributed Metascheduler for the
Grid26 The Gridbus Middleware for Market-Oriented Computing; INDEX

Sommario/riassunto

The first single-source reference covering the state of the art in grid and utility computing economy research This book presents the first integrated, single-source reference on market-oriented grid and utility computing. Divided into four main parts-and with contributions from a panel of experts in the field-it systematically and carefully explores: Foundations-presents the fundamental concepts of market-oriented computing and the issues and challenges in allocating resources in a decentralized computing environment. Business models-covers business mode

2. Record Nr.	UNISA996383123503316
Autore	T. R (Thomas Rogers), <1660-1694.>
Titolo	The common-wealths-man unmasqu'd, or, A just rebuke to the author of The account of Denmark [[electronic resource]] : in two parts
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Lingua di pubblicazione	Inglese
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