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Nota di contenuto	Auctions -- A Comparison among Bidding Algorithms for Multiple Auctions -- Bidtree Ordering in IDA Combinatorial Auction Winner-Determination with Side Constraints -- Differential-Revelation VCG Mechanisms for Combinatorial Auctions -- An English Auction Protocol for Multi-attribute Items -- Effectiveness of Preference Elicitation in

Combinatorial Auctions -- Auctions for Divisible Resources: Price Functions, Nash Equilibrium, and Decentralized Update Schemes -- Price-Based Information Certificates for Minimal-Revelation
Combinatorial Auctions -- Co-evolutionary Auction Mechanism Design: A Preliminary Report -- ATTac-2001: A Learning, Autonomous Bidding Agent -- Negotiation -- A Software Infrastructure for Negotiation within Inter-organisational Alliances -- The Influence of Information on Negotiation Equilibrium -- Using an Annealing Mediator to Solve the Prisoners' Dilemma in the Negotiation of Complex Contracts -- Automated Negotiation in Many-to-Many Markets for Imperfectly Substitutable Goods -- An Ontology Based Approach to Automated Negotiation -- Markets -- Goodwill Hunting: An Economically Efficient Online Feedback Mechanism for Environments with Variable Product Quality -- Guaranteeing Properties for E-commerce Systems -- An Extensible Agent Architecture for a Competitive Market-Based Allocation of Consumer Attention Space -- Self-Enforcing Strategic Demand Reduction -- Skeletal Jade Components for the Construction of Institutions -- Challenges in Large-Scale Open Agent Mediated Economies.

Sommario/riassunto

This book constitutes the thoroughly refereed post-proceedings of the 4th International Workshop on Agent-Mediated Electronic Commerce, AMEC 2002, held in Bologna, Italy in July 2002 during the AAMAS 2002 conference. The 20 revised full papers presented together with an introductory survey by the volume editors were carefully selected and improved during two rounds of reviewing and revision. The book gives a unique overview of the state of the art of designing mechanisms and systems for agent-mediated e-commerce- The papers are organized in topical sections on electronic auctions, negotiations, and electronic markets.
