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   Disciplina   005.75/8

   Soggetti   Database management
                       Data structures (Computer science)
                       Computer engineering
                       User interfaces (Computer systems)
                       Computer communication systems
                       Information storage and retrieval
                       Database Management
                       Data Structures and Information Theory
                       Computer Engineering
                       User Interfaces and Human Computer Interaction
                       Computer Communication Networks
                       Information Storage and Retrieval

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   Nota di bibliografia   Includes bibliographical references at the end of each chapters and
                       index.

   Nota di contenuto   Workflow Modeling -- Formalizing (and Reasoning about) the
                       Specifications of Workflows -- Advanced Workflow Patterns --
                       Extending UML with Workflow Modeling Capabilities -- Information
                       Retrieval -- ConSearch: Using Hypertext Contexts as Web Search
                       Boundaries -- Combining the Power of Searching and Querying --
                       Cooperative Indexing, Classification, and Evaluation in BoW --
                       Cooperative Databases -- Complex View Selection for Data Warehouse
                       Self-Maintainability -- Integrating Snapshot Isolation into Transactional
                       Federations -- An Evaluation of the Java-Based Approaches to Web

Database Access -- Short Presentations -- A Framework for ASP-Marketplaces -- Exploring the Semantic Structure of Technical Document Collections: A Cooperative Systems Approach -- Organized Distributed Systems -- Managing Aging Data Using Persistent Views -- A Workflow System through Cooperating Agents for Control and Document Flow over the Internet -- Distributed View Expansion in Composable Mediators -- Information Services -- eResponder: Electronic Question Responder -- Efficient Matching for Web-Based Publish/Subscribe Systems -- A Software Retrieval Service Based on Knowledge-Driven Agents -- Workflow Execution -- Benchmarking and Configuration of Workflow Management Systems -- Workflow Modeling using Proclets -- Dealing with Logical Failures for Collaborating Workflows -- CSCW and Organizational Aspects -- A Negotiation Model for CSCW -- The Organizational Memory Information System PRINCE -- An Extensible Business Communication Language -- Mobile Cooperation -- Exploiting the Features of Asymmetry for Query Processing in a Mobile Computing Environment -- Data Lockers: Mobile-Agent Based Middleware for the Security and Availability of Roaming Users Data -- A Java Framework for Mobile Data Synchronization -- Multi Agents Systems -- Dynamic Pricing with Limited Competitor Information in a Multi-Agent Economy -- Multi-agent Cooperative Transactions for E-Commerce -- Cross-Organizational Transaction Support for Virtual Enterprises.

| Sommario/riassunto | Cooperation among systems has gained substantial importance in recent years: electronic commerce virtual enterprises and the middleware paradigm are just some examples in this area. CoopIS is a multi-disciplinary conference, which deals with all aspects of cooperation. The relevant disciplines are: collaborative work, distributed databases, distributed computing, electronic commerce, human-computer interaction, multi-agent systems, information retrieval, and workflow systems. The CoopIS series provides a forum for well-known researchers who are drawn by the stature and the tradition of these conference series and has a leading role in shaping the future of the cooperative information systems area. CoopIS 2000 is the seventh conference in the series and the fifth conference organized by the International Foundation on Cooperative Information Systems (IFCIS). It is sponsored by the IFCIS, the IBM Research Laboratory in Haifa and Compaq, Tandem labs Israel. It replaces the former international workshops on Interoperability in Multidatabase systems (IMS) and the conference series on Cooperative Information Systems (CoopIS & ICICIS). In response to the call for papers 74 papers were submitted. Each of them was reviewed by at least three reviewers, and at the end of this process 24 papers were accepted for presentation at the conference. Six additional papers were selected for short presentations. In addition the conference includes two panels, two keynote speakers (Professor Calton Pu from Georgia Tech and Professor Sheizaf Rafaeli from Haifa University) and one tutorial. A special issue of the International Journal of Cooperative Information Systems will follow. August 2000 Opher Etzion & Peter Scheuermann. |