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Soggetti	Data structures (Computer science) Database management Application software Mathematical logic Artificial intelligence Computers Data Structures and Information Theory Database Management Information Systems Applications (incl. Internet) Mathematical Logic and Formal Languages Artificial Intelligence Models and Principles
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Formato	Materiale a stampa
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Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Keynote Addresses -- Entity Resolution: Overview and Challenges -- Towards a Statistically Semantic Web -- Invited Talk -- The Application and Prospect of Business Intelligence in Metallurgical Manufacturing Enterprises in China -- Conceptual Modeling I -- Conceptual Modelling -- What and Why in Current Practice -- Entity-Relationship Modeling Revisited -- Modeling Functional Data Sources as Relations -- Conceptual Modeling II -- Roles as Entity Types: A Conceptual Modelling Pattern -- Modeling Default Induction with Conceptual

Structures -- Reachability Problems in Entity-Relationship Schema Instances -- Conceptual Modeling III -- A Reference Methodology for Conducting Ontological Analyses -- Pruning Ontologies in the Development of Conceptual Schemas of Information Systems -- Definition of Events and Their Effects in Object-Oriented Conceptual Modeling Languages -- Conceptual Modeling IV -- Enterprise Modeling with Conceptual XML -- Graphical Reasoning for Sets of Functional Dependencies -- ER-Based Software Sizing for Data-Intensive Systems -- Data Warehouse -- Data Mapping Diagrams for Data Warehouse Design with UML -- Informational Scenarios for Data Warehouse Requirements Elicitation -- Extending UML for Designing Secure Data Warehouses -- Schema Integration I -- Data Integration with Preferences Among Sources -- Resolving Schematic Discrepancy in the Integration of Entity-Relationship Schemas -- Managing Merged Data by Vague Functional Dependencies -- Schema Integration II -- Merging of XML Documents -- Schema-Based Web Wrapping -- Web Taxonomy Integration Using Spectral Graph Transducer -- Data Classification and Mining I -- Contextual Probability-Based Classification -- Improving the Performance of Decision Tree: A Hybrid Approach -- Understanding Relationships: Classifying Verb Phrase Semantics -- Data Classification and Mining II -- Fast Mining Maximal Frequent ItemSets Based on FP-Tree -- Multi-phase Process Mining: Building Instance Graphs -- A New XML Clustering for Structural Retrieval -- Web-Based Information Systems -- Link Patterns for Modeling Information Grids and P2P Networks -- Information Retrieval Aware Web Site Modelling and Generation -- Expressive Profile Specification and Its Semantics for a Web Monitoring System -- Query Processing I -- On Modelling Cooperative Retrieval Using an Ontology-Based Query Refinement Process -- Load-Balancing Remote Spatial Join Queries in a Spatial GRID -- Expressing and Optimizing Similarity-Based Queries in SQL -- Query Processing II -- XSLTGen: A System for Automatically Generating XML Transformations via Semantic Mappings -- Efficient Recursive XML Query Processing in Relational Database Systems -- Situated Preferences and Preference Repositories for Personalized Database Applications -- Web Services I -- Analysis and Management of Web Service Protocols -- Semantic Interpretation and Matching of Web Services -- Intentional Modeling to Support Identity Management -- Web Services II -- WUML: A Web Usage Manipulation Language for Querying Web Log Data -- An Agent-Based Approach for Interleaved Composition and Execution of Web Services -- A Probabilistic QoS Model and Computation Framework for Web Services-Based Workflows -- Schema Evolution -- Lossless Conditional Schema Evolution -- Ontology-Guided Change Detection to the Semantic Web Data -- Schema Evolution in Data Warehousing Environments -- A Schema Transformation-Based Approach -- Conceptual Modeling Applications I -- Metaprogramming for Relational Databases -- Incremental Navigation: Providing Simple and Generic Access to Heterogeneous Structures -- Agent Patterns for Ambient Intelligence -- Conceptual Modeling Applications II -- Modeling the Semantics of 3D Protein Structures -- Risk-Driven Conceptual Modeling of Outsourcing Decisions -- A Pattern and Dependency Based Approach to the Design of Process Models -- UML -- Use of Tabular Analysis Method to Construct UML Sequence Diagrams -- An Approach to Formalizing the Semantics of UML Statecharts -- Applying the Application-Based Domain Modeling Approach to UML Structural Views -- XML Modeling -- A Model Driven Approach for XML Database Development -- On the Updatability of XML Views Published over Relational Data -- XBiT: An XML-Based Bitemporal Data Model -- Industrial Presentations I:

Applications -- Enterprise Cockpit for Business Operation Management
-- Modeling Autonomous Catalog for Electronic Commerce -- GiSA: A
Grid System for Genome Sequences Assembly -- Industrial
Presentations II: Ontology in Applications -- Analytical View of Business
Data: An Example -- Ontological Approaches to Enterprise Applications
-- FASTAXON: A System for FAST (and Faceted) TAXONomy Design --
CLOVE: A Framework to Design Ontology Views -- Demos and Posters
-- iRM: An OMG MOF Based Repository System with Querying
Capabilities -- Visual Querying for the Semantic Web -- Query
Refinement by Relevance Feedback in an XML Retrieval System --
Semantics Modeling for Spatiotemporal Databases -- Temporal
Information Management Using XML -- SVMgr: A Tool for the
Management of Schema Versioning -- GENNERE: A Generic
Epidemiological Network for Nephrology and Rheumatology -- Panel --
Panel: Beyond Webservices – Conceptual Modelling for Service Oriented
Architectures.
