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Descrizione fisica	1 online resource (XI, 419 p.)
Collana	Information Systems and Applications, incl. Internet/Web, and HCI ; ; 4353
Disciplina	005.74
Soggetti	Data structures (Computer science) Database management Computers Mathematical logic Artificial intelligence Application software Data Structures and Information Theory Database Management Computation by Abstract Devices Mathematical Logic and Formal Languages Artificial Intelligence Information Systems Applications (incl. Internet)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Invited Lectures -- Consistent Query Answering: Five Easy Pieces -- Ask a Better Question, Get a Better Answer A New Approach to Private Data Analysis -- Beauty and the Beast: The Theory and Practice of Information Integration -- Information Integration and Peer to Peer -- Approximate Data Exchange -- Determinacy and Rewriting of Conjunctive Queries Using Views: A Progress Report -- Compact Samples for Data Dissemination -- Privacy in GLAV Information Integration -- Axiomatizations for XML -- Unlocking Keys for XML Trees -- Characterization of the Interaction of XML Functional

Dependencies with DTDs -- Axiomatizing the Logical Core of XPath 2.0
-- Expressive Power of Query Languages -- Query Evaluation on a
Database Given by a Random Graph -- The Limits of Querying
Ontologies -- Incompleteness, Inconsistency, and Uncertainty --
Complexity of Consistent Query Answering in Databases Under
Cardinality-Based and Incremental Repair Semantics -- World-Set
Decompositions: Expressiveness and Efficient Algorithms -- On the
Expressiveness of Implicit Provenance in Query and Update Languages
-- Trajectory Databases: Data Models, Uncertainty and Complete Query
Languages -- XML Schemas and Typechecking -- Complexity of
Typechecking XML Views of Relational Databases -- Exact XML Type
Checking in Polynomial Time -- Optimizing Schema Languages for
XML: Numerical Constraints and Interleaving -- Stream Processing and
Sequential Query Processing -- Database Query Processing Using Finite
Cursor Machines -- Constant-Memory Validation of Streaming XML
Documents Against DTDs -- Ranking -- Preferentially Annotated
Regular Path Queries -- Combining Incompleteness and Ranking in
Tree Queries -- XML Update and Query -- Structural Recursion on
Ordered Trees and List-Based Complex Objects -- Combining
Temporal Logics for Querying XML Documents -- Commutativity
Analysis in XML Update Languages -- Query Containment --
Containment of Conjunctive Queries over Databases with Null Values --
Some Algorithmic Improvements for the Containment Problem of
Conjunctive Queries with Negation.
