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Soggetti	Computer science Database management Application software Information storage and retrieval Computer communication systems Information technology Business—Data processing Popular Computer Science Database Management Information Systems Applications (incl. Internet) Information Storage and Retrieval Computer Communication Networks IT in Business
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Livello bibliografico	Monografia
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Nota di bibliografia	Includes bibliographic references and index.
Nota di contenuto	Invited Contribution -- Quilt: An XML Query Language for Heterogeneous Data Sources -- Information Gathering -- Theme-Based Retrieval of Web News -- Using Metadata to Enhance Web Information Gathering -- Architecting a Network Query Engine for Producing Partial Results -- Caching -- Argos: Efficient Refresh in an XQL-Based Web Caching System -- Active Query Caching for Database Web Servers -- Querying XML -- Adding Relevance to XML -- Evaluating Queries on Structure with eXtended Access Support

Relations -- Efficient Relational Storage and Retrieval of XML Documents -- XML Structuring and Versioning -- XML and Object-Relational Database Systems Enhancing Structural Mappings Based on Statistics -- Everything You Ever Wanted to Know About DTDs, But Were Afraid to Ask (Extended Abstract) -- Version Management of XML Documents -- Web Modeling -- Modeling Data Entry and Operations in WebML -- Query Processing -- An Optimization Technique for Answering Regular Path Queries -- XDuce: A Typed XML Processing Language (Preliminary Report) -- Classification and Retrieval -- Automatic Classification of Text Databases through Query Probing -- Locating and Reconfiguring Records in Unstructured Multiple-Record Web Documents.

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Sommario/riassunto

With the development of the World-Wide Web, data management problems have branched out from the traditional framework in which tabular data is processed under the strict control of an application, and address today the rich variety of information that is found on the Web, considering a variety of ?exible envir- ments under which such data can be searched, classi ed , and processed. Da- base systems are coming forward today in a new role as the primary backend for the information provided on the Web. Most of today's Web accesses trigger some form of content generation from a database, while electronic commerce often triggers intensive DBMS-based applications. The research community has begun to revise data models, query languages, data integration techniques, - dexes, query processing algorithms, and transaction concepts in order to cope with the characteristics and scale of the data on the Web. New problems have been identi ed , among them goal-oriented information gathering, management of semi-structured data, or database-style query languages for Web data, to name just a few. The International Workshop on the Web and Databases (WebDB) is a series of workshops intended to bring together researchers interested in the interaction between databases and the Web. This year's WebDB 2000 was the third in the series, and was held in Dallas, Texas, in conjunction with the ACM SIGMOD International Conference on Management of Data.

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