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Titolo	Intelligent Search on XML Data [[electronic resource]] : Applications, Languages, Models, Implementations, and Benchmarks / / edited by Henk Blanken, Torsten Grabs, Hans-Jörg Schek, Ralf Schenkel, Gerhard Weikum
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Disciplina	006.7/4
Soggetti	Information storage and retrieval Algorithms Database management Application software Information technology Business—Data processing Information Storage and Retrieval Algorithm Analysis and Problem Complexity Database Management Information Systems Applications (incl. Internet) Computer Appl. in Administrative Data Processing IT in Business
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Applications -- Demand for Intelligent Search Tools in Medicine and Health Care -- The Use of XML in a Video Digital Library -- Query Languages -- Full-Text Search with XQuery: A Status Report -- A Query Language and User Interface for XML Information Retrieval -- Tamino – A Database System Combining Text Retrieval and XML -- Retrieval Models -- Flexible Information Retrieval on XML Documents -- Statistical Language Models for Intelligent XML Retrieval -- Ontology-Enabled XML Search -- Using Relevance Feedback in XML

	Retrieval -- Classification and Focused Crawling for Semistructured Data -- Information Extraction and Automatic Markup for XML Documents -- Implementing Intelligent XML Systems -- The Multi-model DBMS Architecture and XML Information Retrieval -- PowerDB-XML: Scalable XML Processing with a Database Cluster -- Web-Based Distributed XML Query Processing -- Combining Concept- with Content-Based Multimedia Retrieval -- Tree Awareness for Relational DBMS Kernels: Staircase Join -- Processing XML Queries with Tree Signatures -- Evaluation -- A Look Back on the XML Benchmark Project -- The INEX Evaluation Initiative.
Sommario/riassunto	Recently, we have seen a steep increase in the popularity and adoption of XML, in areas such as traditional databases, e-business, the scientific environment, and on the web. Querying XML documents and data efficiently is a challenging issue; this book approaches search on XML data by combining content-based methods from information retrieval and structure-based XML query methods and presents the following parts: applications, query languages, retrieval models, implementing intelligent XML systems, and evaluation. To appreciate the book, basic knowledge of traditional database technology, information retrieval, and XML is needed. The book is ideally suited for courses or seminars at the graduate level as well as for education of research and development professionals working on Web applications, digital libraries, database systems, and information retrieval.