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Titolo	Database and XML Technologies [[electronic resource]] : Third International XML Database Symposium, XSym 2005, Trondheim, Norway, August 28-29, 2005, Proceedings // edited by Stéphane Bressan, Stefano Ceri, Ela Hunt, Zachary G. Ives, Zohra Bellahsène, Michael Rys, Rainer Unland
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Collana	Information Systems and Applications, incl. Internet/Web, and HCI ; ; 3671
Disciplina	006.7/4
Soggetti	Data structures (Computer science) Database management Computer communication systems Software engineering Information storage and retrieval Application software Data Structures and Information Theory Database Management Computer Communication Networks Software Engineering Information Storage and Retrieval 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 Talk (Shared with DBPL) -- Patterns and Types for Querying XML Documents -- Constraints and Views -- Checking Functional Dependency Satisfaction in XML -- A Theoretic Framework for Answering XPath Queries Using Views -- Labeling and Path Evaluation -- A Path-Based Labeling Scheme for Efficient Structural Join -- The BIRD Numbering Scheme for XML and Tree Databases -- Deciding and Reconstructing Tree Relations Using Efficient Arithmetic Operations --

Efficient Handling of Positional Predicates Within XML Query Processing
-- Indexing -- Relational Index Support for XPath Axes -- Supporting
XPath Axes with Relational Databases Using a Proxy Index -- An
Extended Preorder Index for Optimising XPath Expressions --
Benchmarking and Query Processing -- XPathMark: An XPath
Benchmark for the XMark Generated Data -- MemBeR: A Micro-
benchmark Repository for XQuery -- Main Memory Implementations for
Binary Grouping -- Documents and Biometrical Applications -- Logic
Wrappers and XSLT Transformations for Tuples Extraction from HTML
-- Approximate Subtree Identification in Heterogeneous XML
Documents Collections -- A Framework for XML-Based Integration of
Data, Visualization and Analysis in a Biomedical Domain -- Industrial
Session -- Optimizing Runtime XML Processing in Relational Databases
-- Panel (Together with DBPL) -- Panel: "Whither XML, ca. 2005?".
