

1. Record Nr.	UNISA996465983803316
Titolo	Database and XML Technologies [[electronic resource]] : 4th International XML Database Symposium, XSym 2006, Seoul, Korea, September 10-11, 2006, Proceedings // edited by Sihem Amer-Yahia, Zohra Bellahsene, Ela Hunt, Rainer Unland, Jeffrey Xu Yu
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2006
ISBN	3-540-38879-6
Edizione	[1st ed. 2006.]
Descrizione fisica	1 online resource (IX, 123 p.)
Collana	Information Systems and Applications, incl. Internet/Web, and HCI ; ; 4156
Disciplina	005.75
Soggetti	Database management Information storage and retrieval Application software Software engineering Computer communication systems Information technology Business—Data processing Database Management Information Storage and Retrieval Information Systems Applications (incl. Internet) Software Engineering Computer Communication Networks IT in Business
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	Query Evaluation and Temporal XML -- Kappa-Join: Efficient Execution of Existential Quantification in XML Query Languages -- Index vs. Navigation in XPath Evaluation -- Consistency of Temporal XML Documents -- XPath and Twigs -- A Logic-Based Approach to Cache Answerability for XPath Queries -- FLUX: Content and Structure Matching of XPath Queries with Range Predicates -- A Resource

Efficient Hybrid Data Structure for Twig Queries -- XML Updates -- On the Expressive Power of XQuery-Based Update Languages -- Efficient Incremental Validation of XML Documents After Composite Updates.

Sommario/riassunto

The theme of the XML Database Symposium (XSym) is the convergence of database technology with XML technology. Since the first International XML Symposium in 2003, XSym has continued to provide a forum for academics, practitioners, users and vendors to discuss the use of and synergy between advanced XML technologies. XSym 2006 received 32 full paper submissions. Each submitted paper underwent a rigorous review by independent referees. These proceedings represent a collection of eight excellent research papers. Their focus is on building XML repositories and covers the following topics: XML query processing, caching, indexing and navigation support, structural matching, temporal XML, and XML updates. The organizers would like to express their gratitude to the XSym program committee for their efforts in providing very thorough evaluations of the submitted papers under significant time constraints. We also would like to thank Microsoft for their sponsorship and for the use of the Microsoft Conference Management Toolkit, and the local organizers, especially, Kyuseok Shim, for all they did to make XSym a pleasant and successful event. July 2006 Sihem Amer-Yahia Zohra Bellahsene Jeffrey Xu Yu Ela Hunt Rainer Unland.
