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Nota di contenuto	Keynote Papers -- Opportunities for XML Data Mining in Modern Applications, or XML Data Mining: Where Is the Ore? -- Capturing Semantics in XML Documents -- XML Data Mining Methods -- Mining Changes from Versions of Dynamic XML Documents -- XML Document Clustering by Independent Component Analysis -- Discovering Multi

Terms and Co-hyponymy from XHTML Documents with XTREEM -- Classification of XSLT-Generated Web Documents with Support Vector Machines -- Machine Learning Models: Combining Evidence of Similarity for XML Schema Matching -- XML Data Reasoning and Querying Methods -- Information Retrieval from Distributed Semistructured Documents Using Metadata Interface -- Using Ontologies for Semantic Query Optimization of XML Database -- The Expressive Language ALCNHR+K(D) for Knowledge Reasoning -- A New Scheme to Fingerprint XML Data -- A Novel Labeling Scheme for Secure Broadcasting of XML Data.

Sommario/riassunto

The KDXD 2006 (Knowledge Discovery from XML Documents) workshop is the ?rst international workshop running this year in conjunction with the 10th Paci?c-Asia Conference on Knowledge Discovery and Data Mining, PAKDD 2006. The workshop provided an important forum for the dissemination and exchange of new ideas and research related to XML data discovery and retrieval. The eXtensible Markup Language (XML) has become a standard language for data representation and exchange. With the continuous growth in XML data sources, theabilitytomanagecollectionsofXMLdocumentsanddiscoverkno- edge from them for decision support becomes increasingly important. Due to the inherent ?exibility ofXML, in both structure and semantics, inferring important knowledge from XML data is faced with new challenges as well as bene?ts. The objective of the workshop was to bring together researchers and practitioners to discuss all aspects of the emerging XML data management challenges. Thus, the topics of interest included, but were not limited to: XML data mining methods; XML data mining applications; XML data management emerging issues and challenges; XML in improving knowledge discovery process; and Benchmarks and mining performance using XML databases. The workshop received 26 submissions. We would like to thank all those who submittedtheirworktotheworkshopunderrelativelypressuringtimedeadlines. We selected ten high-quality full papers for discussion and presentation in the workshop and for inclusion in the proceedings after being peer-reviewed by at least three members of the Program Committee. Accepted papers were grouped in three sessions and allocated equal presentation time slots. The ?rst session was on XML data mining methods of classi?cation, clustering and association.