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Descrizione fisica	1 online resource (XII, 180 p.)
Collana	Lecture Notes in Computer Science, , 0302-9743 ; ; 2924
Disciplina	005.75/8
Soggetti	Database management Information storage and retrieval Application software Multimedia information systems Information technology Business—Data processing Database Management Information Storage and Retrieval Information Systems Applications (incl. Internet) Multimedia Information Systems 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 at the end of each chapters and index.
Nota di contenuto	Resource Discovery -- Harvesting: Broadening the Field of Distributed Information Retrieval -- Using Query Probing to Identify Query Language Features on the Web -- Resource Selection -- The Effect of Database Size Distribution on Resource Selection Algorithms -- Decision-Theoretic Resource Selection for Different Data Types in MIND -- Distributed Web Search as a Stochastic Game -- Data Fusion --

Collection Fusion for Distributed Image Retrieval -- New Methods of Results Merging for Distributed Information Retrieval -- Recent Results on Fusion of Effective Retrieval Strategies in the Same Information Retrieval System -- Architectures -- The MIND Architecture for Heterogeneous Multimedia Federated Digital Libraries -- Apoidea: A Decentralized Peer-to-Peer Architecture for Crawling the World Wide Web -- Towards Virtual Knowledge Communities in Peer-to-Peer Networks -- The Personalized, Collaborative Digital Library Environment CYCLADES and Its Collections Management.

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Sommario/riassunto

During recent years, huge efforts have been made to establish digital libraries, in a variety of media, offered from a variety of sources, and intended for a variety of professional and private user communities. As digital data collections proliferate, problems of resource selection and data fusion become major issues. Traditional search engines, even the best ones, are unable to provide access to the hidden web of information that is only available via digital library search interfaces. Originating from the SIGIR 2003 Workshop on Distributed Information Retrieval, held in Toronto, Canada in August 2003, this book presents extended and revised workshop papers as well as several invited papers on the topic to round off coverage of the core issues. The papers are devoted to recent research on the design and implementation of methods and tools for resource discovery, resource description, resource selection, data fusion, and user interaction.

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