Information Retrieval Methods for Multidisciplinary Applications

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The internet provides a vast amount of data which can be utilized to explore different approaches to solving industry problems. Efficient methods for the retrieval of this information are essential for streamlined business processes.

Information Retrieval Methods for Multidisciplinary Applications provides innovative research on information gathering, web data mining, and automation systems. Addressing multidisciplinary applications and focusing on theories and methods with an enterprise-wide perspective, this book is essential for information engineers, scientists, and related professionals.

Topics Covered:
• Electronic Resources Management
• Information Retrieval
• Information Science Ontology
• Interactive XML Applications

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Zhongyu (Joan) Lu is Professor in the Department of Informatics at the University of Huddersfield (UK). Her extensive research covers information access, retrieval and visualization, XML technology, object oriented technologies, agent technology, data management systems, security issues, and Internet computing. She has been an invited speaker for industrial-oriented events and published two books and more than 140 papers. Professor Lu has acted as the founder and a program chair for the International XML Technology workshop and XMLTech (USA) for 11 years (2003-2011). She also serves as Chair of 5 separate international conferences, is a regular reviewer for several international journals, and a committee member for fourteen international conferences. She specializes in XML technology and mobile computing with image retrieval through the latest wireless devices. Professor Lu serves as a member of the British Computer Society (BCS), BCS examiner of Advanced Database Management Systems, and fellow of the Higher Education Academy (UK).