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Soggetti	Data structures (Computer science)
	Information storage and retrieval
	Multimedia information systems
	Application software
	Optical data processing
	Artificial intelligence
	Data Structures and Information Theory
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Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Invited Contributions -- Adaptive Systems for Multimedia Information Retrieval -- Overview of Approaches to Semantic Augmentation of Multimedia Databases for Efficient Access and Content Retrieval -- Building User Models from Observations of Users Accessing Multimedia Learning Objects -- Retrieval Systems -- Personalized Support for Interaction with Scientific Information Portals -- NewsFlash: Adaptive TV News Delivery on the Web -- User Adaptive Categorization of Document Collections -- Text and Ontologies -- Automatic Keyword

Extraction for News Finder -- Ontology-Based Semantic Classification of Unstructured Documents -- Feature Extraction from Video -- Intelligent Visual Descriptor Extraction from Video Sequences -- Defining Search Areas to Localize Limbs in Body Motion Analysis -- Learning Fuzzy Rules for Visual Speech Recognition -- Adaptive Discovery of Indexing Rules for Video -- Image -- A Combination of Machine Learning and Image Processing Technologies for the Classification of Image Regions -- Neural Network-Generated Image Retrieval and Refinement -- Sound -- Error Tolerant Melody Matching Method in Music Information Retrieval.

| Sommario/riassunto | This book is an extended collection of contributions that wereoriginally subm- ted to the 1st International Workshop on Adaptive Multimedia Retrieval (AMR 2003), which was organized as part of the 26th German Conference on Arti?cial Intelligence (KI 2003),and held during September 15–18,2003at the University of Hamburg, Germany. Motivated by the overall success of the workshop – as revealed by the stimulating atmosphere during the workshop and the number of very interested and active participants – we ?nally decided to edit a book based on revised papers that were initially submitted to the workshop. Furthermore, we invited some more introductory contributions in order to be able to provide a conclusive book on current topics in the area of adaptive multimedia retrieval systems. We hope that we were able to put together a stimulating collection of articles for the interested reader. We like to thank the organizationcommittee of the 26th German Conference on Arti?cial Intelligence (KI 2003) for providing the setting and the admin- trative support in realizing this workshop as part of their program. Especially, we like to thank Christopher Habel for promoting the workshop as part of the conference program and Andreas Gun ¨ ther for his kind support throughout the organization process. |