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Collana	Lecture Notes in Computer Science, , 0302-9743 ; ; 3094
Disciplina	006.7
Soggetti	Data structures (Computer science) Information storage and retrieval Multimedia information systems Application software Optical data processing Artificial intelligence Data Structures and Information Theory Information Storage and Retrieval Multimedia Information Systems Information Systems Applications (incl. Internet) Image Processing and Computer Vision Artificial Intelligence
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	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 were originally submitted to the 1st International Workshop on Adaptive Multimedia Retrieval (AMR 2003), which was organized as part of the 26th German Conference on Artificial Intelligence (KI 2003), and held during September 15–18, 2003 at 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 finally 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 organization committee of the 26th German Conference on Artificial Intelligence (KI 2003) for providing the setting and the administrative 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 Günther for his kind support throughout the organization process.
