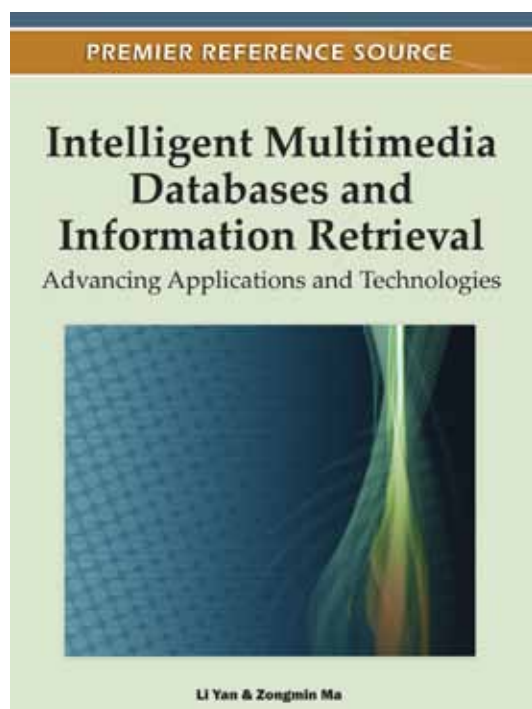


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## Intelligent Multimedia Databases and Information Retrieval: Advancing Applications and Technologies



Li Yan (Northeastern University, China)  
and Zongmin Ma (Northeastern University, China)

As consumer costs for multimedia devices such as digital cameras and Web phones have decreased and diversity in the market has skyrocketed, the amount of digital information has grown considerably.

**Intelligent Multimedia Databases and Information Retrieval: Advancing Applications and Technologies** details the latest information retrieval technologies and applications, the research surrounding the field, and the methodologies and design related to multimedia databases. Together with academic researchers and developers from both information retrieval and artificial intelligence fields, this book details issues and semantics of data retrieval with contributions from around the globe. As the information and data from multimedia databases continues to expand, the research and documentation surrounding it should keep pace as best as possible, and this book provides an excellent resource for the latest developments.

### Topics Covered:

- Content-Based Image Retrieval (CBIR)
- Database and Intelligence Technologies
- Database Management Systems
- EduPMO
- Information Networking Model
- Metadata Standards
- Multimedia Languages
- Ontology-Guided Information Retrieval
- Semantic Characterization
- Text-Based Image Retrieval (TBIR)

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**Market:** This premier publication is essential for all academic and research library reference collections. It is a crucial tool for academicians, researchers, and practitioners and is ideal for classroom use.

**Li Yan** received her Ph.D. degree from Northeastern University, China. She is currently an Associate Professor of the School of Software at Northeastern University, China. Her research interests include database modeling, XML data management, as well as imprecise and uncertain data processing. She has published papers in several journals such as *Data and Knowledge Engineering*, *Information and Software Technology*, *International Journal of Intelligent Systems*, and some conferences such as WWW and CIKM.



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