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Sommario/riassunto

The definitive guide to the state of the art of multimedia information extractionGovernment analysts, think tank researchers, managers at top websites-basically everyone-is searching for the best ways to access and exploit the vast amounts of multimedia data made available over large networks every day. Written by an international team of experts, Multimedia Information Extraction provides a detailed road map to how that's done.The first book to address not only multimedia retrieval but also information extraction from and across media, it offers diverse perspectives on how this emerging technology can help meet the growing demand in industry and government for stock media access, media preservation, broadcast news retrieval, identity management, video surveillance, and more.Including a Foreword by

Professor Alan Smeaton, founding coordinator of the international TRECVID, Multimedia Information Extraction covers: The fundamental issues in processing and multimedia source extraction. The history and state of the art of multimedia information extraction. Image and video extraction, with tools ranging from visual feature localization to social redundancy. Affect extraction in audio and imagery, from paralinguistic information retrieval to affect-based indexing. Multimedia annotation and authoring. An inspiring, much-needed resource for researchers and developers in government, industry, and academia, this book also offers guidance on using the material in the core curriculum of ACM SIGCHI, ACM/IEEE Computer Science, and ACM/IEEE Information Technology.
