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**Título:** Mpeg-7 Audio And Beyond: Audio Content Indexing And Retrieval

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**Sinopsis**

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Advances in technology, such as MP3 players, the Internet and DVDs, have led to the production, storage and distribution of a wealth of audio signals, including speech, music and more general sound signals and their combinations. MPEG-7 audio tools were created to enable the navigation of this data, by providing an established framework for effective multimedia management. MPEG-7 Audio and Beyond: Audio Content Indexing and Retrieval is a unique insight into the technology, covering the following topics:

- | the fundamentals of MPEG-7 audio, principally low-level descriptors and sound classification and similarity;
- | spoken content description, and timbre, melody and tempo music description tools;
- | existing MPEG-7 applications and those currently being developed;
- | examples of audio technology beyond the scope of MPEG-7.

Essential reading for practising electronic and communications engineers designing and implementing MPEG-7 compliant systems, this book will also be a useful reference for researchers and graduate students working with multimedia database technology.