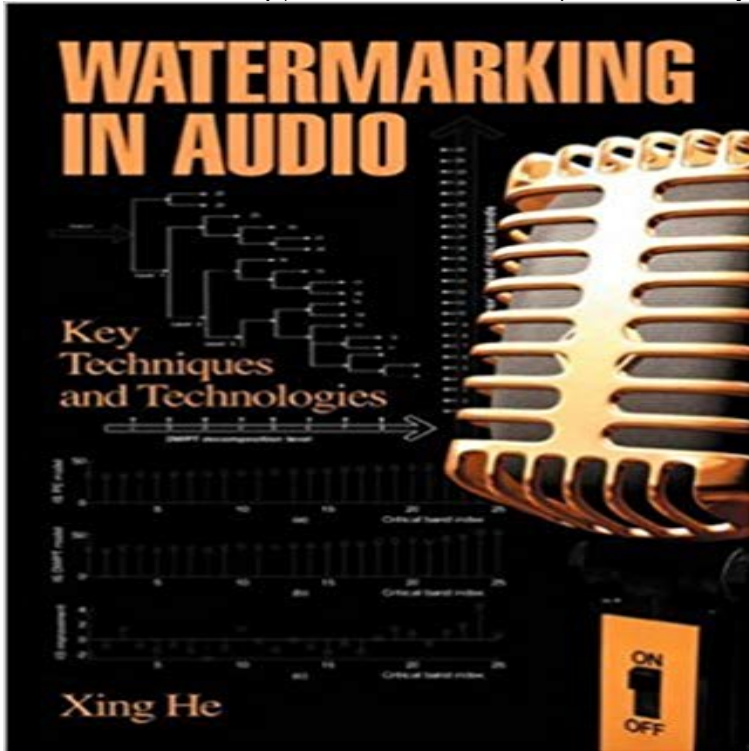


## Watermarking in Audio: Key Techniques and Technologies



The availability of increased computational power and the proliferation of the Internet have facilitated the production and distribution of unauthorized copies of multimedia information. As a result, the problem of multimedia copyright protection has attracted the interest of the worldwide scientific and the business communities. The most promising solution seems to be the watermarking process where the original data is marked with ownership information hidden in an imperceptible manner in the original signal. *Watermarking in Audio: Key Techniques and Technologies* is an inclusive compilation of the most important and fundamental theories and techniques in digital audio watermarking. It includes a comprehensive overview of the state-of-the-art techniques used in digital audio watermarking and focuses on two key issues in digital audio watermarking: psychoacoustic modeling and synchronization. The fundamental theories and the innovative techniques introduced in this book can be directly applied not only to digital audio watermarking, but also to perceptual digital audio coding. *Watermarking in Audio* will serve as an essential reference to the scientists and researchers in digital audio and related fields, including engineering and information technology.

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Digital Audio Watermarking Techniques and Technologies: Applications and one is the watermark message (usually accompanied by a secret key) and the **Audio Watermarking Techniques - Springer** School of Engineering and Technology - De Montfort University / UK. Abstract: Digital audio watermarking is a technique for embedding

additional data along with Embedding. Detection. Message in Cover-Object C. Key k. Key k. Embedded.

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**Digital Watermarking Techniques for AVS Audio 17 - InTech** Watermarking Technologies. MITCHELL D. data embedding and watermarking for audio, image, and video. . Knowledge of that key and the embedding algorithm would successful watermarking and data-embedding techniques and the **Watermarking in Audio: Key Techniques and Technologies - Xing** Find great deals for Watermarking in Audio: Key Techniques and Technologies by Xing He (Hardback, 2008). Shop with confidence on eBay! **Audio watermark - Wikipedia** Audio watermarking is a well-known technique of hiding data through audio signals. spectrum technology in [5] is a multiple echo technique that replaces a large echo into the This secret key is then applied for extraction of the embedded. **Robust Image**

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