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Multimedia Information Hiding Technologies and Methodologies for Controlling Data

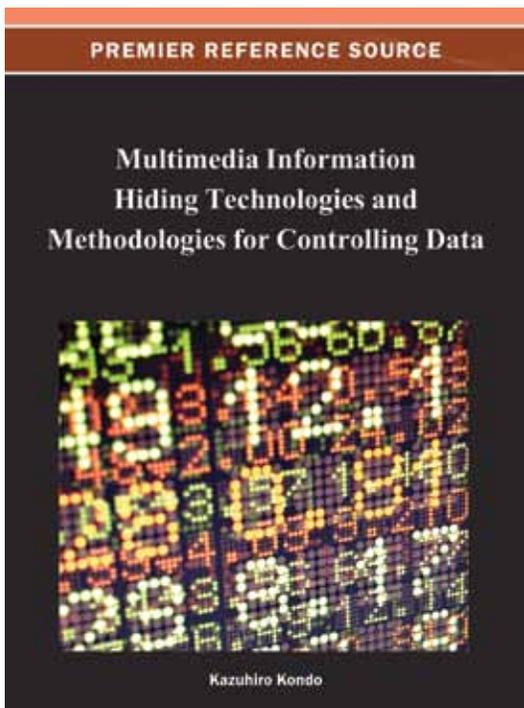
Kazuhiro Kondo (Yamagata University, Japan)

The widespread use of high-speed networks has made the global distribution of digital media content available in an instant. As a result, data hiding was created in an attempt to control the distribution of these copies by verifying or tracking the media signals picked up from copyright information, such as the author or distributor ID.

Multimedia Information Hiding Technologies and Methodologies for Controlling Data presents the latest methods and research results in the emerging field of Multimedia Information Hiding (MIH). This comprehensive collection is beneficial to all researchers and engineers working globally in this field and aims to inspire new graduate-level students as they explore this promising field.

Topics Covered:

- Digital Rights Management
- Electronic Fingerprinting
- Information Hiding for Audio and Speech
- Information Hiding for Images and Video
- Information Hiding for Text and Binary Data
- Multimedia Digital Watermarks
- Steganography and Steganalysis



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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.

Kazuhiro Kondo received B.E., M.E., and Ph.D. degrees from Waseda University in 1982, 1984, and 1998, respectively. From 1984 to 1992, he was with the Central Research Laboratory, Hitachi Limited, Tokyo, Japan, where he was engaged in research on speech and video coding systems. From 1992 to 1995, he was with the Texas Instruments Tsukuba R & D Center, Tsukuba, Japan, and from 1995 to 1998, the DSP R & D Center, Texas Instruments Inc., Dallas, Texas, USA. During this time, he worked on speech recognition systems and multimedia signal processing. In 1999, he joined the Faculty of Engineering at Yamagata University, Yamagata, Japan. His current interests include broad aspects of speech and audio signal processing, multimedia signal processing, and speech and audio quality evaluation methods. Dr. Kondo is a senior member of the IEEE, and a member of the Audio Engineering Society, the Institute of Electronics, Information and Communication Engineers of Japan, and the Acoustical Society of Japan.



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