Multimedia Forensics and Security

Edited by: Chang-Tsun Li, University of Warwick, UK

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As information technology is rapidly progressing, an enormous amount of media can be easily exchanged through Internet and other communication networks. Increasing amounts of digital image, video, and music have created numerous information security issues and is now taken as one of the top research and development agendas for researchers, organizations, and governments worldwide.

Multimedia Forensics and Security provides an in-depth treatment of advancements in the emerging field of multimedia forensics and security by tackling challenging issues such as digital watermarking for copyright protection, digital fingerprinting for transaction tracking, and digital camera source identification.

Subject:
Internet and Web Technologies and Services; Information Security, Privacy, and Ethics; Multimedia Technology; Mobile Computing and Communications Technology

Market:
This essential publication is for all academic research libraries, as well as those involved in information security, digital copyright protection, e-security, and digital fingerprinting. Students, researchers, academics, and personel of law enforcement and IT/multimedia practitioners who are interested or involved in the study, research, use, design, and development of techniques related to multimedia, forensics, and security will find this publication useful.

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About the Editors:

Chang-Tsun Li received the BS degree in electrical engineering from Chung-Cheng Institute of Technology (CCIT), National Defense University (Taiwan, 1987), the MS degree in computer science from U. S. Naval Postgraduate School (USA, 1992), and the PhD degree in computer science from the University of Warwick (UK, 1998). He was an associate professor of the Department of Electrical Engineering at CCIT (1999-2002) and a visiting professor of the Department of Computer Science at U.S. Naval Postgraduate School (2001). He is currently an associate professor of the Department of Computer Science at the University of Warwick (UK), editor-in-chief of the **International Journal of Digital Crime and Forensics** (IJDCF)and associate editor of the **International Journal of Applied Systemic Studies** (IJASS). He has been involved in the organisation of a number of international conferences and workshops and also served as member of the international program committees for several international conferences. His research interests include multimedia security, bioinformatics, image processing, pattern recognition, computer vision, and content-based image retrieval.