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The revolutionary way in which modern technologies have enabled us to exchange information with ease has created a demand for interdisciplinary research in digital forensics and investigations aiming to combat the abuse of computer technologies.

**Emerging Digital Forensics Applications for Crime Detection, Prevention, and Security** presents various digital crime and forensic disciplines that use electronic devices and software for crime prevention and detection. This book provides theoretical and empirical research articles and case studies for a broad range of academic readers as well as professionals, industry consultants, and practitioners involved in the use, design, and development of techniques related to digital forensics and investigation.

**Topics Covered:**
- Crime Scene Imaging
- Digital Crime Preventions
- Digital Evidence
- Digital Forensics
- Identity Threats
- Network Access Control

**Market:** This premier publication is essential for all academic and research library reference collections. It is a crucial tool for academicians, researchers, and practitioners. Ideal for classroom use.

Chang-Tsun Li received the B.E. degree in electrical engineering from Chung-Cheng Institute of Technology (CCIT), National Defense University, Taiwan, in 1987, the MSc degree in computer science from U.S. Naval Postgraduate School, USA, in 1992, and the Ph.D. degree in computer science from the University of Warwick, UK, in 1998. He was an associate professor of the Department of Electrical Engineering at CCIT during 1998-2002 and a visiting professor of the Department of Computer Science at U.S. Naval Postgraduate School in the second half of 2001. He is currently Professor of the Department of Computer Science at the University of Warwick, UK, a Fellow of British Computer Society, the Editor-in-Chief of the *International Journal of Digital Crime and Forensics*, an editor of the *International Journal of Imaging (IJI)* and an associate editor of the *International Journal of Applied Systemic Studies (IJASS)* and the *International Journal of Computer Science and Engineering Systems (IJCSE)*. He has 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. He is also the coordinator of the international joint project entitled Digital Image and Video Forensics funded through the Marie Curie Industry-Academia Partnerships and Pathways (IAPP) under the EU’s Seventh Framework Programme from June 2010 to May 2014. His research interests include digital forensics, multimedia security, bioinformatics, computer vision, image processing, pattern recognition, evolutionary computation, machine learning and content-based image retrieval.