Contents

Digital Forensics - Technical

Robust Copy-Move Forgery Detection Based on Dual-Transform . . . . . . 3
  Munkhbaatar Doyoddorj and Kyung-Hyune Rhee

Forensic Decryption of FAT BitLocker Volumes . . . . . . . . . . . . . . 17
  P. Shabana Subair, C. Balan, S. Dija, and K.L. Thomas

Forensic Artifacts of the flareGet Download Manager . . . . . . . . . . 30
  Prachi Goel and Babu M. Mehtre

Amazon Kindle Fire HD Forensics . . . . . . . . . . . . . . . . . . . . . . 39
  Asif Iqbal, Hanan Alobaidli, Andrew Marrington, and Ibrahim Baggili

Resurrection: A Carver for Fragmented Files . . . . . . . . . . . . . . . 51
  Martin Lambertz, Rafael Uetz, and Elmar Gerhards-Padilla

Taxonomy of Data Fragment Classification Techniques . . . . . . . . . . 67
  Rainer Poisel, Marlies Rybnicek, and Simon Tjoa

Identifying Forensically Uninteresting Files Using a Large Corpus . . . . 86
  Neil C. Rowe

FaceHash: Face Detection and Robust Hashing . . . . . . . . . . . . . . 102
  Martin Steinebach, Huajian Liu, and York Yannikos

Information Warfare, Cyber Terrorism, and Critical Infrastructure Protection

Regulating Social Network Services for Lawful Interception . . . . . . . 119
  Esti Peshin

Determining When Conduct in Cyberspace Constitutes Cyber Warfare in Terms of the International Law and Tallinn Manual on the International Law
  Applicable to Cyber Warfare: A Synopsis . . . . . . . . . . . . . . . . . . 130
  Murdoch Watney

Digital Forensics - Standards, Certification and Accreditation

Measuring Accuracy of Automated Parsing and Categorization Tools
  and Processes in Digital Investigations . . . . . . . . . . . . . . . . . . . . . 147
  Joshua I. James, Alejandra Lopez-Fernandez, and Pavel Gladyhsev
Digital Forensics and Cyber Crime
Fifth International Conference, ICDF2C 2013, Moscow, Russia, September 26–27, 2013, Revised Selected Papers
Gladyshev, P.; Marrington, A.; Baggili, I. (Eds.)
2014, XVI, 253 p. 68 illus., Softcover
ISBN: 978-3-319-14288-3