# **Table of Contents**

# International Journal of Digital Crime and Forensics

Volume 8 • Issue 3 • July-September-2016 • ISSN: 1941-6210 • eISSN: 1941-6229 An official publication of the Information Resources Management Association

## **Research Articles**

- 1 Design of Mobile Botnet Based on Open Service Fenggang Sun, Institute of Information Engineering, Chinese Academy of Sciences, Beijing, China Lidong Zhai, Institute of Computing Technology, Chinese Academy of Sciences, Beijing, China Yuejin Du, Alibaba Group, Beijing, China Peng Wang, Institute of Computing Technology, Chinese Academy of Sciences, Beijing, China Jun Li, Institute of Computing Technology, Chinese Academy of Sciences, Beijing, China
- 11 **A New Timestamp Digital Forensic Method Using a Modified Superincreasing Sequence** Gyu-Sang Cho, Dongyang University, Youngju, Republic of Korea

#### 34 BP-Neural Network for Plate Number Recognition

Jia Wang, Auckland University of Technology, Auckland, New Zealand Wei Qi Yan, Auckland University of Technology, Auckland, New Zealand

#### 46 Tampering Localization in Double Compressed Images by Investigating Noise Quantization

Archana Vasant Mire, Sardar Vallabhbhai National Institute of Technology (SVNIT), Surat, India Sanjay B. Dhok, Visvesvaraya National Institute of Technology (VNIT), Nagpur, India Naresh J. Mistry, Sardar Vallabhbhai National Institute of Technology (SVNIT), Surat, India Prakash D. Porey, Visvesvaraya National Institute of Technology (VNIT), Nagpur, India

#### 63 X\_myKarve: Non-Contiguous JPEG File Carver

Nurul Azma Abdullah, Universiti Tun Hussein Onn Malaysia, Batu Pahat, Malaysia Kamaruddin Malik Mohamad, Universiti Tun Hussein Onn Malaysia, Batu Pahat, Malaysia Rosziati Ibrahim, Universiti Tun Hussein Onn Malaysia, Batu Pahat, Malaysia Mustafa Mat Deris, Universiti Tun Hussein Onn Malaysia, Batu Pahat, Malaysia

#### 85 Basic Visual Cryptography Using Braille

Guangyu Wang, Institute of Information Engineering, Chinese Academy of Sciences, Beijing, China and Auckland University of Technology, Auckland, New Zealand Feng Liu, Institute of Information Engineering, Chinese Academy of Sciences, Beijing, China Wei Qi Yan, Institute of Information Engineering, Chinese Academy of Sciences, Beijing, China and Auckland University of Technology, Auckland, New Zealand

### COPYRIGHT

The International Journal of Digital Crime and Forensics (IJDCF) (ISSN 1941-6210; eISSN 1941-6229), Copyright © 2016 IGI Global. All rights, including translation into other languages reserved by the publisher. No part of this journal may be reproduced or used in any form or by any means without written permission from the publisher, except for noncommercial, educational use including classroom teaching purposes. Product or company names used in this journal are for identification purposes only. Inclusion of the names of the products or companies does not indicate a claim of ownership by IGI Global of the trademark or registered trademark. The views expressed in this journal are those of the authors but not necessarily of IGI Global.

The International Journal of Digital Crime and Forensics is indexed or listed in the following: ACM Digital Library; Applied Social Sciences Index & Abstracts (ASSIA); Bacon's Media Directory; Cabell's Directories; Compendex (Elsevier Engineering Index); DBLP; GetCited; Google Scholar; INSPEC; JournalTOCs; Library & Information Science Abstracts (LISA); MediaFinder; Norwegian Social Science Data Services (NSD); SCOPUS; The Index of Information Systems Journals; The Standard Periodical Directory; Thomson Reuters; Ulrich's Periodicals Directory