

Contents

Homology Analysis Method of Worms Based on Attack and Propagation Features	1
<i>Liyan Wang, Jingfeng Xue, Yan Cui, Yong Wang, and Chun Shan</i>	
Modeling and Analysis of Information Propagation Model of Online/Offline Network Based on Coupled Network	16
<i>Wanting Qin and Tongrang Fan</i>	
A Signature-Sharing Based Auditing Scheme with Data Deduplication in Cloud Storage.	26
<i>Liang Wang, Baocang Wang, and Shuquan Ma</i>	
A Trusted VM Live Migration Protocol in IaaS	41
<i>Xinfeng He and Junfeng Tian</i>	
Double-Layered Predictor for High-Fidelity Reversible Data Hiding	53
<i>Fuqiang Di, Junyi Duan, Jia Liu, Guangwei Su, and Yingnan Zhang</i>	
A New FPGA PUF Based on Transition Probability Delay Measurement.	66
<i>Zhenyu Guan, Yuyao Qin, and Junming Liu</i>	
A New Service Selection Method Based on Service Depository Relevance.	76
<i>WeiJin Jiang and YuHui Xu</i>	
Real-Time Trusted Computing Technology for Xenomai	87
<i>Mingdi Xu, Xueyuan Gao, Yang Gao, and Fan Zhang</i>	
Cryptanalysis of Rijndael-192/224 in Single Key Setting	97
<i>Jingyi Cui, Jiansheng Guo, and Yipeng Liu</i>	
Exception Detection of Data Stream Based on Improved Maximal Frequent Itemsets Mining.	112
<i>Saihua Cai, Ruizhi Sun, Chunming Cheng, and Gang Wu</i>	
A Dictionary Sequence Model to Analyze the Security of Protocol Implementations at the Source Code Level.	126
<i>Fu-Sheng Wu and Huan-Guo Zhang</i>	
The Analysis of Malicious Group Based on Suspicious Communication Behavior Aggregation.	143
<i>Guolin Shao, Xingshu Chen, Xuemei Zeng, Xueyuan Yin, Xiaoming Ye, and Yonggang Luo</i>	

Analysis of Vulnerability Correlation Based on Data Fitting	165
<i>Long Wang, Rui Ma, HaoRan Gao, XiaJing Wang, and ChangZhen Hu</i>	
Tracking the Mobile Jammer in Wireless Sensor Network by Using Meanshift Based Method	181
<i>Liang Pang, Pengze Guo, Zhi Xue, and Xiao Chen</i>	
New Upper Bounds on Degrees of Freedom for G-MIMO Relay Channel . . .	198
<i>Xiao Chen, Liang Pang, Pengze Guo, Xingping Sun, and Zhi Xue</i>	
Formalizing and Verifying GP TEE TA Interface Specification Using Coq. . .	213
<i>Xia Yang, Zheng Yang, Haiyong Sun, and Jingyu Liu</i>	
Research on Malicious Code Analysis Method Based on Semi-supervised Learning	227
<i>Tingting He, Jingfeng Xue, Jianwen Fu, Yong Wang, and Chun Shan</i>	
Reliable Topology Control Algorithm in Cognitive Radio Networks	242
<i>Yali Zeng, Li Xu, Xiaoding Wang, and Xu Yang</i>	
Practical Privacy-Preserving Outsourcing of Large-Scale Matrix Determinant Computation in the Cloud	255
<i>Guangzhi Zhang, Shaobin Cai, Chunhua Ma, and Dongqiu Zhang</i>	
Universal Secure Error-Correcting (SEC) Schemes for Network Coding via McEliece Cryptosystem Based on QC-LDPC Codes.	275
<i>Guangzhi Zhang, Shaobin Cai, Chunhua Ma, and Dongqiu Zhang</i>	
A Research of Power Analysis Based on Multiple Classification Models	290
<i>Biao Liu, Yang Pan, Jiali Li, and Huamin Feng</i>	
Classification of Video-Based Public Opinion via Projection Metric Learning with Riemannian Triplet Constraint	303
<i>Junfeng Tian and Yan Ha</i>	
A Trusted Routing Mechanism Suitable for the Sensing Nodes in Internet of Things	318
<i>Yubo Wang, Bei Gong, and Yichen Wang</i>	
An Efficient ID-Based Mutual Authentication and Key Agreement Protocol for Mobile Multi-server Environment Without a Trusted Registration Center and ESL Attack	348
<i>Wei Li, Xue-lian Li, Jun-tao Gao, and Hai-yu Wang</i>	
Research on Cryptographic Algorithm Recognition Based on Behavior Analysis	370
<i>Fei Yan, Yunlong Xing, Shiwei Zhang, Zhihan Yue, and Yamin Zheng</i>	

A Struts2 Unknown Vulnerability Attack Detection and Backtracking
Scheme Based on Multilayer Monitoring 383
Anqi Hu, Guojun Peng, Zhenhang Chen, and Zejin Zhu

An Approach of Implementing Core Role Based Access Control Model
Using Attribute Based Encryption 397
*Yong Wang, Xuemin Tong, Ming Li, Jingfeng Xue, Ji Zhang,
Zhenyan Liu, Dan Hao, and Ning Wang*

Author Index 409

Trusted Computing and Information Security
11th Chinese Conference, CTCIS 2017, Changsha,
China, September 14-17, 2017, Proceedings
Xu, M.; Qin, Z.; Yan, F.; Fu, S. (Eds.)
2017, XIII, 410 p. 133 illus., Softcover
ISBN: 978-981-10-7079-2