目 次

基于比特币的私有信息检索支付协议	· 1
丁佳晨, 俞能海, 林宪正, 张卫明	
知识、探索与状态平面组织的软件漏洞分析架构研究 ····································	10
袁子牧,肖扬,吴炜,霍玮,邹维	
基于迭代自编码器的深度学习对抗样本防御方案·······	34
杨浚宇	
事务内存机制在系统安全中的应用:现状与展望	45
李从午, 林璟锵, 蔡权伟, 罗 勃	
配电网 IEC60870-5-104 协议的抗中间人攻击算法 ····································	56
王 勇,王 相,刘丽丽,刘金永,武津园,李双飞	
SEMBeF: 一种基于分片循环神经网络的敏感高效的恶意代码行为检测框架···················	67
詹 静、范 雪、刘一帆、张 茜	

Contents

Bitcoin-based Payment Protocol for Private Information Retrieval	····· 1
DING Jiachen, YU Nenghai, LIN Xianzheng, ZHANG Weiming	
Research on The Software Vulnerability Analysis Architecture with The Knowledge, Exploration and	
State Plane ····	10
YUAN Zimu, XIAO Yang, WU Wei, HUO Wei, ZOU Wei	
IDAE: Iterative Denoising Autoencoder based Deep Learning Model Enhancement Mechanism against	
Adversarial Examples	··· 34
YANG Junyu	
Applying Transactional Memory in System Security: Present and Future	··· 45
LI Congwu, LIN Jingqiang, CAI Quanwei, LUO Bo	
An Algorithm for IEC60870-5-104 Protocol of Distribution against Man-in-the-Middle Attack	··· 56
WANG Yong, WANG Xiang, LIU Lili, LIU Jinyong, WU Jinyuan, LI Shuangfei	
SEMBeF: A Sensitive and Efficient Malware Behavior Detection Framework based on Sliced Recurrent	
Neural Network ·····	··· 67
ZHAN Jing, FAN Xue, LIU Yifan, ZHANG Qian	

[©]Copyright 2016, Institute of Information Engineering, the Chinese Academy of Sciences. All rights reserved. No part of this publication may be reproduced, stored in a retrieval system or transmitted in any form without the prior written permission of the Institute of Information Engineering, the Chinese Academy of Sciences.