



学术论文

- 面向句法结构的文本检索方法研究 马路遥,夏博,肖叶,荀恩东(833)
- 基于语义的汉语普通话电子喉语音转换增强 钱兆鹏,肖克晶,刘蝉,孙悦(840)
- d 维 (t, n) 门限量子同态加密算法的设计与仿真 宋秀丽,周道洋,文爱君(846)
- 基于D-S证据理论的网络表示融合方法 程晓涛,吉立新,尹赢,黄瑞阳(854)
- 量子元胞自动机共面五输入择多门结构的分析与设计 邓飞飞,解光军,王晓阳,程心,张永强(861)
- 基于深度学习的miRNA与疾病相关性预测算法 王磊,徐涛,宋传东,王海峰,尤著宏,宋克俭,闫欣(870)
- 一种基于动态拓扑的流计算性能优化方法及其在Storm中的实现 陆佳炜,吴涵,陈烘,张元鸣,梁倩卉,肖刚(878)
- 基于区间标记判决的稳健垂直切换算法研究 马彬,汪思霖,谢显中(891)
- 基于IAPS的扩展规则局部搜索算法 王金艳,胡春,牛当当,李先贤(899)
- 基于标签特定特征的多目标回归稀疏集成方法 刘洪涛,李航,王进,李鹤鹤(906)
- 微型断路器电动操作系统的电磁兼容性设计 刘剑滨,姜岩峰,李莎,张喆(914)
- 基于FPGA的多通道高速数字谱仪的关键算法的设计与实现 罗阳锦,张升伟(922)
- 基于负载均衡的纠错码修复流水线 江小玉,李贵洋,周悦,胡金平,李慧(930)
- 基于相对距离的反 k 近邻树离群点检测 杨晓玲,冯山,袁钟(937)
- 链路可靠性感知的差异保护虚拟光网络映射 刘焕淋,蒲欣,陈勇,王展鹏(946)
- 基于模型预测控制的电动汽车轮毂电机转矩控制研究 肖祥慧,史可,袁小芳(953)
- 任务提示的脑认知加工过程中神经振荡机制研究 王宇,陈晨,张家琦,彭丝雨,高军峰(960)
- 空间上下文与时序特征融合的交警指挥手势识别技术 张丞,何坚,王伟东(966)
- 融合混沌优化和改进模糊聚类的图像分割算法 朱占龙,刘永军(975)
- 基于结构偏移映射统计和多方向特征的MRF图像修复算法 李志丹,程吉祥,刘家伟(985)
- 基于稀疏贝叶斯学习的时域流信号鲁棒动态压缩感知算法 董道广,芮国胜,田文彪,张洋,张海波(990)
- 基于模块化Abstract-Refine算法框架的软件模型检测方法 王舜,杜晔,韩臻(997)

综述评论

- 基于大数据的审计技术研究 徐超,陈勇,葛红美,何炎祥(1003)
- 视频编码率失真优化技术研究综述 郭红伟,朱策,刘宇洋(1018)

科研通信

- 有限测试距离对GNSS抗干扰天线阵远场测试的影响 房晓丽,吴礼杰,张金菊(1030)
- 辅助电路与负载并联的新型单相全桥软开关逆变器 王强,王有政,王天施,刘晓琴(1036)



Supported by the National Natural Science Foundation of China

ACTA ELECTRONICA SINICA

(Monthly)

Vol. 48 No. 5

May 2020

PAPERS

- Structural Retrieval on Chinese Syntax Tree Corpus *MA Lu-yao, XIA Bo, XIAO Ye, XUN En-dong* (833)
 Voice Conversion for Enhancing Mandarin Electro-Laryngeal Speech Based on Semantic Information
 *QIAN Zhao-peng, XIAO Ke-jing, LIU Chan, SUN Yue* (840)
 Design and Simulation of d Dimensional (t, n) Threshold Quantum Homomorphic Encryption Algorithm
 *SONG Xiu-li, ZHOU Dao-yang, WEN Ai-jun* (846)
 Method of Network Representation Fusion Based on D-S Evidence Theory
 *CHENG Xiao-tao, JI Li-xin, YIN Ying, HUANG Rui-yang* (854)
 Analysis and Design of Coplanar Five-Input Majority Gate in Quantum-Dot Cellular Automata
 *DENG Fei-fei, XIE Guang-jun, WANG Xiao-yang, CHENG Xin, ZHANG Yong-qiang* (861)
 Prediction Algorithm of Association Between miRNAs and Diseases Based on Deep Learning
 *WANG Lei, XU Tao, SONG Chuan-dong, WANG Hai-feng, YOU Zhu-hong, SONG Ke-jian, YAN Xin* (870)
 A Performance Optimization Method Based on Dynamic Topology for Stream Computing and Its Implementation in Storm
 *LU Jia-wei, WU Han, CHEN Hong, ZHANG Yuan-ming, LIANG Qian-hui, XIAO Gang* (878)
 Research on Robust Vertical Handoff Algorithm Base on Interval Mark Decision *MA Bin, WANG Si-lin, XIE Xian-zhong* (891)
 An Extension Rule Algorithm Based on Local Search with IAPS Strategies
 *WANG Jin-yan, HU Chun, NIU Dang-dang, LI Xian-xian* (899)
 Multi-Target Regression via Sparse Integration and Label-Specific Features *LIU Hong-tao, LI Hang, WANG Jin, LI Ge-ge* (906)
 EMC Design of Electric Operating System for Miniature Circuit Breaker *LIU Jian-bin, JIANG Yan-feng, LI Sha, ZHANG Zhe* (914)
 Key Implementation of High-Speed Digital Spectrometer Based on Polyphase Filterbanks and Advanced FFT on FPGA
 *LUO Yang-jin, ZHANG Sheng-wei* (922)
 Repair Pipelining for Erasure-Coded Storage Based on Load-Balanced
 *JIANG Xiao-yu, LI Gui-yang, ZHOU Yue, HU Jing-ping, LI Hui* (930)
 Outlier Detection Based on Reversed K -Nearest Neighborhood MST of Relative Distance Measure
 *YANG Xiao-ling, FENG Shan, YUAN Zhong* (937)
 Link Reliability-Aware Protection-Differentiated Virtual Optical Network Embedding
 *LIU Huan-lin, PU Xin, CHEN Yong, WANG Zhan-peng* (946)
 Model Predictive Controller-Based in-Wheel Motor Torque Control System for Distributed Drive Electric Vehicle
 *XIAO Xiang-hui, SHI Ke, YUAN Xiao-fang* (953)
 The Research of Neural Oscillation Mechanism During the Brain Cognitive Processing of Task Switching
 *WANG Yu, CHEN Chen, ZHANG Jia-qi, PENG Si-yu, GAO Jun-feng* (960)
 Visual Recognition of Chinese Traffic Police Gestures Based on Spatial Context and Temporal Features
 *ZHANG Cheng, HE Jian, WANG Wei-dong* (966)
 A Novel Algorithm by Incorporating Chaos Optimization and Improved Fuzzy C-Means for Image Segmentation
 *ZHU Zhan-long, LIU Yong-jun* (975)
 MRF Image Inpainting Algorithm Based on Structure Offsets Statistics and Multi-direction Features
 *LI Zhi-dan, CHENG Ji-xiang, LIU Jia-wei* (985)
 A Robust Dynamic Compressive Sensing Algorithm for Streaming Signals in Time Domain Based on Sparse Bayesian Learning
 *DONG Dao-guang, RUI Guo-sheng, TIAN Wen-biao, ZHANG Yang, ZHANG Hai-bo* (990)
 Software Model Checking Method Based on Modular Abstract-Refine Algorithm Framework *WANG Shun, DU Ye, HAN Zhen* (997)

SURVEYS AND REVIEWS

- Audit Technology Research Based on Big Data *XU Chao, CHEN Yong, GE Hong-mei, HE Yan-xiang* (1003)
 Overview of Rate-Distortion Optimization for Video Coding *GUO Hong-wei, ZHU Ce, LIU Yu-yang* (1018)

CORRESPONDENCE

- Influence of Limited Test Distance on Far-field Measurement for GNSS Anti-jamming Array
 *FANG Xiao-li, WU Li-jie, ZHANG Jin-jü* (1030)
 A Novel Single-Phase Full-Bridge Soft-Switching Inverter Including Auxiliary Circuits Parallel with Load
 *WANG Qiang, WANG You-zheng, WANG Tian-shi, LIU Xiao-qin* (1036)