



ISSN1006-2475

CN36-1137/TP

3

2019

Computer And Modernization

计算机与现代化

江西省计算机学会 江西省计算技术研究所 主办

中国科技核心期刊
中国科技论文统计源期刊

ISSN 1006-2475



目 次

人工智能

- 基于 BP 神经网络的用户九型人格模型构建 黄 荣,陈培冰,岳 青,刘兴林,吴明芬(1)
基于 K-均值聚类的 RBF 神经网络血糖浓度预测 余丽玲,金浩宇(9)
基于稀疏逻辑回归和多元融合算法的慢性肾病进展预测模型 杨金山,李 智(13)
FlexRay 车载网络的神经网络模型参考控制 杨 梅,王 义,刘志超,张良玉(19)

模式识别

- 基于双相机协同的管制车型抓拍系统 王喜龙,张伟伟,吴训成(23)
一种基于扩散速度的移动应用端活体人脸识别技术 詹 伟,张 科,徐 焕,罗 弦,龙 霖,纪依依(28)
基于改进型 C3D 神经网络的动作识别技术 廖小东,贾晓霞(32)

应用与开发

- 面向材料科学研究的新型高性能计算平台系统
..... 王 康,杨运平,刘波平,付 康,吴志平,尹 敏(39)
混合自适应粒子群算法在电力经济调度中的应用 陈宏伟,王万成,王继拓(45)

网络与通信

- 基于 HLS 流媒体集群动态反馈负载均衡算法 杨炳钊,李泽平,刘江涛(51)
基于区块链的可信移动应用市场 连耿雄(58)

算法设计与分析

- 基于智能蝙蝠算法的异常数据检测方法 孙 远,廖小平(62)
基于自适应遗传算法的城际列车运行图编制方法 汤雪芹(68)
一种改进的类别区分词特征选择算法 李富星,蒙祖强(73)

数据库与数据挖掘

- 元数据驱动的分布式数据资源管理技术 焦 利,孙松周,刘天须,张雪扬,王振基,王亚军(78)
基于改进联合相似度计算的图书推荐算法 李 月,陈 丽,王槐彬(85)

中文信息处理

- 基于 LeaderRank 的重叠社区发现算法 朱 帅,许国艳,李敏佳,张网娟(90)
面向短文本的特征选择及文本表示 马建红,刘广森,姚 爽,杨 智(95)
基于 Sentence-LDA 主题模型的短文本分类 张 浩,钟 敏(102)

信息安全

- 物联网环境下基于 NFC 的一次性口令认证方案 赵东昊,卢 昱,王增光,张 腊(107)
电力营销信息系统数据安全防护 方 舟,程 清,裴旭斌(111)
一种有效的带关键字搜索的代理重加密方案 韩 笑,曾 琦,曹永明(117)
一种可追踪的网络信息匿名发布方案 崔 耀(122)

CONTENTS

ARTIFICIAL INTELLIGENCE

Construction of User Enneagram Model Based on BP Neural Network	HUANG Rong, CHEN Yu-bing, YUE Qing, LIU Xing-lin, WU Ming-fen(1)
Prediction of Blood Glucose Based on K-means Clustering Algorithm with RBF Neural Network	YU Li-ling, JIN Hao-yu(9)
Progression Prediction Model of Chronic Kidney Disease Based on Sparse Logistic Regression and Multiple Ensemble Algorithm	YANG Jin-shan, LI Zhi(13)
Neural Network Model Reference Control of FlexRay Vehicle Network	YANG Mei, WANG Yi, LIU Zhi-chao, ZHANG Liang-yu(19)

PATTERN RECOGNITION

Regulatory Vehicle Recognition Method Based on Dual Camera Collaboration	WANG Xi-long, ZHANG Wei-wei, WU Xun-cheng(23)
A Mobile Face Recognition Technology Based on Diffusion Speed	ZHAN Wei, ZHANG Ke, XU Huan, LUO Xian, LONG Fei, JI Yi-yi(28)
Action Recognition Technology Based on Improved C3D Neural Network	LIAO Xiao-dong, JIA Xiao-xia(32)

APPLICATION AND DEVELOPMENT

A New High-performance Computer Platform Based on Material Science Research	WANG Kang, YANG Yun-ping, LIU Bo-ping, FU Kang, WU Zhi-ping, YIN Min(39)
Application of Hybrid Adaptive Particle Swarm Optimization Algorithm in Power Economic Dispatch	CHEN Hong-wei, WANG Wan-cheng, WANG Ji-tuo(45)

NETWORK AND COMMUNICATION

Dynamic Feedback Load Balancing Algorithm of Streaming Media Cluster Based on HLS	YANG Bing-zhao, LI Ze-ping, LIU Jiang-tao(51)
Trusted Mobile Application Market Based on Blockchain	LIAN Geng-xiong(58)

DESIGN AND ANALYSIS OF ALGORITHM

Abnormal Data Detection Method Based on Intelligent Bat Algorithm	SUN Yuan, LIAO Xiao-ping(62)
A Method for Intercity Train Diagram Generation Based on Adaptive Genetic Algorithm	TANG Xue-qin(68)
An Improved Feature Selection Algorithm Based on Category Distinguished Words	LI Fu-xing, MENG Zu-qiang(73)

DATABASE AND DATA MINING

Metadata Driven Distributed Data Resource Management Technology	JIAO Li, SUN Song-zhou, LIU Tian-xu, ZHANG Xue-yang, WANG Zhen-ji, WANG Ya-jun(78)
A Book Recommendation Algorithm Based on Improved Co-similarity Calculation	LI Yue, CHEN Li, WANG Huai-bin(85)

CHINESE INFORMATION PROCESSING

Overlapping Community Detection Algorithm Based on LeaderRank	ZHU Shuai, XU Guo-yan, LI Min-jia, ZHANG Wang-juan(90)
Text Feature Selection and Text Representation for Short Essays	MA Jian-hong, LIU Guang-sen, YAO Shuang, YANG Zhi(95)
Chinese Short Text Classification Based on Sentence-LDA Topic Model	ZHANG Hao, ZHONG Min(102)

INFORMATION SECURITY

One-time Password Authentication Scheme Based on NFC in the Internet of Things Environment	ZHAO Dong-hao, LU Yu, WANG Zeng-guang, ZHANG La(107)
Data Security Protection of Electricity Marketing Information System	FANG Zhou, CHENG Qing, PEI Xu-bin(111)
An Efficient Proxy Re-encryption Scheme with Keyword Search	HAN Xiao, ZENG Qi, CAO Yong-ming(117)
An Anonymous Network Information Publishing Scheme with Identity Traceable	CUI Yao(122)