



ISSN 1001 - 0505
CODEN DDXZB9

东南大学学报

(自然科学版)

JOURNAL OF SOUTHEAST UNIVERSITY

(NATURAL SCIENCE EDITION)

第49卷 第2期

Vol.49 No.2



中国 南京
Nanjing, China

万方数据

2
2019

目 次

基于 Logistic 回归和 XGBoost 的钓鱼网站检测方法	杨 鹏 曾 朋 赵广振 吕培培	(207)
基于拟牛顿内点法的认知车联网能效优先资源分配算法	宋晓勤 谈雅竹 董 莉 王健康 胡 静 宋铁成	(213)
基于链式结构的网络视频流分类算法	吴 争 董育宁 田 炜	(219)
基于生理信号感知的个性化复合情绪机器人	李敏嘉 解 仓 王志良 任福继	(225)
基于带孔 U-net 神经网络的肺癌危及器官并行分割方法	周正东 李剑波 辛润超 涂佳丽 贾俊山 魏士松	(231)
基于变幂次趋近律的滚珠丝杠进给系统滑模控制	韩 硕 汤文成 包达飞	(237)
二阶非完整平面 3R 欠驱动机械臂位置控制	黄自鑫 赖旭芝 王亚午 吴 敏	(245)
一种基于改进 TF-IDF 的 SLAM 回环检测算法	董蕊芳 柳长安 杨国田	(251)
基于相似性度量的 MWSVDD 非高斯间歇过程监控	赵小强 周文伟	(259)
基于小波变换的波浪发电输电电缆绝缘监测	夏 涛 余海涛 张亚超 汪旭东	(267)
串并联双压力蒸发卡林纳循环的性能分析	陈亚平 张 治 朱子龙 吴嘉峰	(274)
表面活性剂增强喷雾对褐煤细颗粒物的抑制	周 磊 杨树莹 吴 新 袁竹林 杨林军	(280)
高硫石油焦化学链燃烧特性及硫的转化	王璐璐 冯 璇 沈来宏	(288)
基于剪切附加挠度的波形钢腹板组合箱梁挠度计算	李丽园 周茂定 冀 伟 刘世忠	(296)
装配式腋板加强型钢节点抗震性能试验研究	冯帅克 周学军 郭正兴	(303)
轴压套管构件的典型破坏模式与极限承载力	张晨辉 邓长根 应武挡	(311)
基于突变理论的第三系弱胶结砾岩掌子面稳定性	朱 举 乔春生 宋 仪 陈 松 邓 斌	(321)
混合包覆铁磁颗粒基磁流变液的测试及力学模型	孙春丽 徐赵东 戴 军	(328)
冻融循环作用下聚乙烯醇纤维增强快硬混凝土的力学性能	杨才千 刘 飞 潘 勇 李科锋	(334)
考虑中尺度台风效应的大型风力机体系气动性能分析	柯世堂 徐 璐	(340)
考虑时空变化的雷暴冲击风风场特性	汪之松 思建有 方智远 唐阳红	(348)
基于饱和虚土桩模型的浮承桩纵向振动特性分析	崔春义 孟 坤 梁志孟 许成顺 杨 刚	(356)
重金属污染土的热导率特征试验研究	潘 超 刘松玉	(362)
高含水率疏浚淤泥固化土的压缩模型	丁建文 万 星 冯旭松 钱 森 吉 锋	(369)
再生黏土砖粉-水泥胶凝体系的特性	邵家虎 高建明 赵亚松	(375)
线型 SBS 改性沥青不同时程老化流变特征及阶段判别	邢成炜 刘黎萍 刘 威	(380)
山区公路曲线路段汽车轨迹模式与切弯行为	邓天民 罗 骊 邵毅明 徐 进	(388)
考虑客票折扣销售的高铁票额分配	闫振英 韩宝明 赵亚琼 李晓娟 菅美英	(397)
· 综述 ·		
道路交通网络安全风险辨识研究进展	陆 建 程泽阳	(404)

CONTENTS

Phishing website detection method based on logistic regression and XGBoost	..... Yang Peng, Zeng Peng, Zhao Guangzhen, Lü Peipei (207)
Resource allocation algorithm with energy efficiency priority based on quasi-Newton interior point method in cognitive internet of vehicles	..... Song Xiaoqin, Tan Yazhu, Dong Li, Wang Jiankang, Hu Jin, Song Tiecheng (213)
Internet video traffic classification algorithm based on chain structure	..... Wu Zheng, Dong Yuning, Tian Wei (219)
Personalized complex emotion robot based on physiological signal perception	..... Li Minjia, Xie Lun, Wang Zhiliang, Ren Fuji (225)
Parallel segmentation method for organs at risk in lung cancer based on dilated U-net neural network	..... Zhou Zhengdong, Li Jianbo, Xin Runchao, Tu Jiali, Jia Junshan, Wei Shisong (231)
Sliding mode control for ball screw drives based on variable power reaching law	..... Han Shuo, Tang Wencheng, Bao Dafei (237)
Position control for planar 3R underactuated manipulator with second-order non-holonomic constraints	..... Huang Zixin, Lai Xuzhi, Wang Yawu, Wu Min (245)
TF-IDF based loop closure detection algorithm for SLAM	..... Dong Ruifang, Liu Chang'an, Yang Guotian (251)
Non-gaussian batch process monitoring based on MWSVDD of similarity measure	..... Zhao Xiaoqiang, Zhou Wenwei (259)
Insulation monitoring of power cable in ocean wave energy conversion based on wavelet transform	..... Xia Tao, Yu Haitao, Zhang Yachao, Wang Xudong (267)
Performance analysis on series-parallel dual-pressure vaporization Kalina cycle	..... Chen Yaping, Zhang Zhi, Zhu Zilong, Wu Jiafeng (274)
Enhancing suppression performance of spray on lignite fine particles by adding surfactant	..... Zhou Lei, Yang Shuying, Wu Xin, Yuan Zhulin, Yang Linjun (280)
Chemical looping combustion of petroleum coke and conversion of sulfur	..... Wang Lulu, Feng Xuan, Shen Laihong (288)
Deflection calculation of composite box girder with corrugated steel webs based on shear additional deflection	..... Li Liyuan, Zhou Maoding, Ji Wei, Liu Shizhong (296)
Experimental study on seismic performance of prefabricated haunch reinforced steel joints	..... Feng Shuaike, Zhou Xuejun, Guo Zhengxing (303)
Typical failure mode and ultimate bearing capacity of sleeved compression member under axial compression	..... Zhang Chenhui, Deng Changgen, Ying Wudang (311)
Tunnel face stability of tertiary weakly cemented conglomerate based on catastrophe theory	..... Zhu Ju, Qiao Chunsheng, Song Yi, Chen Song, Deng Bin (321)
Test and mechanical model of MR fluids based on magnetic particles coated by mixed materials	..... Sun Chunli, Xu Zhaodong, Dai Jun (328)
Mechanical property of polyvinyl alcohol fiber reinforced fast-hardening concrete under freezing-thaw cycle effect	..... Yang Caiqian, Liu Fei, Pan Yong, Li Kefeng (334)
Analysis on aerodynamic performance of large wind turbine system considering mesoscale typhoon effect	..... Ke Shitang, Xu Lu (340)
Wind field characteristics of thunderstorm considering spatiotemporal variation	..... Wang Zhisong, Si Jianyou, Fang Zhiyuan, Tang Yanghong (348)
Longitudinal vibration characteristics analysis on floating pile in frequency domain based on virtual saturated soil pile model	..... Cui Chunyi, Meng Kun, Liang Zhimeng, Xu Chengshun, Yang Gang (356)
Experimental research on thermal conductivity characteristics of heavy metal contaminated soil	..... Pan Chao, Liu Songyu (362)
Compression model for solidified soil of dredged clays with high water content	..... Ding Jianwen, Wan Xing, Feng Xusong, Qian Sen, Ji Feng (369)
Characteristics of recycled clay brick powder-cementitious system	..... Shao Jiahu, Gao Jianming, Zhao Yasong (375)
Rheological characteristics and phase discrimination of linear SBS modified asphalt under different time aging	..... Xing Chengwei, Liu Liping, Liu Wei (380)
Track patterns and curve cutting behavior on curved sections of mountain roads	..... Deng Tianmin, Luo Xiao, Shao Yiming, Xu Jin (388)
Ticket allocation for high-speed railway considering discounted ticket sales	..... Yan Zhenying, Han Baoming, Zhao Yaqiong, Li Xiaojuan, Jian Meiying (397)
· Review ·	
Research and development of road traffic network security risk identification	..... Lu Jian, Cheng Zeyang (404)