

ISSN 1003 - 7985
CODEN JSUOAT



JOURNAL OF SOUTHEAST UNIVERSITY

(English Edition)

Vol.37 No.4 Dec. 2021

Nanjing, China

JOURNAL OF SOUTHEAST UNIVERSITY (English Edition)

Vol. 37 No. 4 Dec. 2021

CONTENTS

Speech detection method based on a multi-window analysis	(343)
<i>Luo Xinwei, Liu Ting, Huang Ming, Xu Xiaogang, Cao Hongli, Bai Xianghua, Xu Dayong</i>	
Hierarchical annotation method for metal corrosion detection of power equipment	(350)
<i>Zhang Baili, Cao Yong, Zhang Pei, Zhang Zhao, He Yina, Zhong Mingjun</i>	
Calculationmethod for trajectory following control for autonomous vehicles	(356)
<i>Wu Jianwei, Sun Beibei, Fu Qidi, Liu Yanhao</i>	
Method of ameliorating the lubrication and friction performance of an engine based on different microtextures	(365)
<i>Nguyen Van Liem, Zhang Jianrun, Jiao Renqiang</i>	
Multicomponent opportunistic maintenance model based on cost-effectiveness	(372)
<i>Li Jianhua, Xu Jiasheng, Ren Lina, Chen Jintao</i>	
Dissociated neural potential for processing strategies between decimals and fractions	(379)
<i>Lin Pingting, Zhu Yanmei, Zhang Li, Bai Yi, Wang Haixian</i>	
Development and characterization of a functional microbial consortium for crude oil degradation	(388)
<i>Zhu Chongzhi, Zhang Xiaodong, Sun Liwei, Zhan Manjun, Long Tao, Yu Ran</i>	
In-situ remediation of deep petroleum-contaminated soil injection	(394)
<i>Wang Yajun, Dong Wantao, Chen Tianjing, Li Li, Zhang Yurong, Xu Shenghui, Fu Dafang</i>	
Evaluation of mechanical properties of cast steel nodes based on GTN damage model	(401)
<i>Jiao Haihan, Yan Huadong, Jin Hui</i>	
Experimental study on the seismic performance of staggered slab-column joints	(408)
<i>Xu Wei, Liang Shuting</i>	
Updating empirical results of wind loads on cooling towers for turbulence intensity effects	(413)
<i>Cheng Xiaoxiang</i>	
Rutting influencing factors and prediction model for asphalt pavements based on the factor analysis method	(421)
<i>Liu Gang, Chen Leilei, Qian Zhendong, Zhou Xiayang</i>	
Impact of thumb up sharing advertising in social media	(429)
<i>Bao Lijiang, Zhong Weijun, Mei Shu'e</i>	
Enhancing customers' prevention efforts: An incentive feedback mechanism design	(436)
<i>Sun Huan, Wang Haiyan</i>	
General Contents of Vol. 37, 2021	(I)

东南大学学报(英文版)

2021年12月 第37卷 第4期

目 次

- 基于多窗口分析的语音检测方法 罗昕炜 刘 婷 黄 铭 徐晓刚 曹红丽 柏祥华 徐大勇 (343)
- 面向变电设备金属锈蚀检测的分层嵌套标注方法 张柏礼 曹 勇 张 沛 张 昭 贺依娜 钟明军 (350)
- 无人驾驶路径跟踪控制计算方法 伍建伟 孙蓓蓓 傅琪迪 刘彦豪 (356)
- 基于不同凹陷纹理的发动机润滑和摩擦性能提升方法 阮文廉 张建润 焦仁强 (365)
- 基于成本效益的多部件机会维修模型 李建华 徐家生 任丽娜 陈锦涛 (372)
- 小数和分数加工策略的神经电位差异 林婷婷 朱艳梅 张 莉 柏 毅 王海贤 (379)
- 原油降解的功能微生物菌群的开发与性能分析 祝冲之 张晓东 孙丽伟 展漫军 龙 涛 余 冉 (388)
- 深层石油类污染土壤注射原位修复 王亚军 董万涛 陈甜婧 李 丽 张玉蓉 许生辉 傅大放 (394)
- 基于 GTN 损伤模型的铸钢节点力学性能评估 焦海涵 闫华东 靳 慧 (401)
- 错层板柱节点抗震性能试验研究 许 巍 梁书亭 (408)
- 基于湍流强度效应的冷却塔表面风荷载经验公式修正 程霄翔 (413)
- 基于因子分析方法的沥青路面车辙影响因素及预估模型 刘 刚 陈磊磊 钱振东 周夏阳 (421)
- 社交媒体“点赞”式分享广告的影响 鲍立江 仲伟俊 梅姝娥 (429)
- 提升顾客预防努力的激励反馈机制 孙 欢 王海燕 (436)
- 2021年第37卷总目次 (III)