

第40卷 第3期
ISSN 1672—3767
CN 37—1357/N
CODEN SDZKF7

山东科技大学

学报

Natural Science

自然科学版

Journal of Shandong University of Science and Technology

- 全国中文核心期刊
- 中国科技核心期刊
- 中国高校优秀科技期刊
- 华东地区优秀期刊
- 山东省优秀期刊



3
2021

山东科技大学

学报 自然科学版

双月刊 1979 年创刊
第 40 卷 第 3 期 总第 194 期
2021 年 6 月出版

目次

地球科学

- 经纬仪测量系统的铅垂基准尺综合定向方法 刘尚国,赵少良,景冬(1)
- 一种 GNSS 广播星历轨道实时改正方法 刘路,郭金运,周茂盛,刘新,纪兵(9)
- 一种改进的病态测距方程非线性估计的正则化数值迭代法 张建霞,曲国庆,席换,王晖(18)



矿业・土建

- FRACOD 模拟裂纹扩展液-力耦合模块的研发及工程应用 沈宝堂,柴顺杰,张士川,陈兵(26)
- 软岩巷道扩孔锚固机理及支护控制数值模拟研究 王志,尹延春,赵同彬,马静敏,武文宾(35)
- 水沙流作用下粗糙度对圆柱体结构受力特性及冲蚀的影响 乔智威,刘壮,张宪堂,张惠尧,李泽熹,李丹(44)
- 咸水环境下泥水盾构泥浆配比试验研究 刘鹏,赵程(50)

数学·计算机·系统科学

一种考虑兴趣偏好的 **Top-k** 众包开发者推荐方法

..... 于 旭,何亚东,梁宏涛,江 峰,杜军威(58)

基于主题感知的跨模态序列到序列生成模型

..... 张 旭,王旭强,田雨婷,杨 青,孟 洁(71)

一种基于主题模型与迁移学习的文本分类方法

..... 包 翔,汪满容,刘桂锋(80)

一类四阶弹性梁方程正解的存在唯一性 韦孝东,白占兵(89)

交通工程

基于频率响应特性的汽车操纵稳定性分析

..... 张丽霞,郑超艺,潘福全,张文彩,刘家琪(96)

车载自组织网络中 **AODV** 协议研究进展

..... 吕文红,屈衍玺,徐 锋,刘 琦,郭银景(105)

V2V 环境下基于改进 **OV** 模型的交叉口通行效率分析

..... 徐 伟,梁文丽,刘海青(116)

Journal of Shandong University of Science and Technology Natural Science

No.3 2021

CONTENTS

- Theodolite measuring system's comprehensive orientation method based on plumb scale bar LIU Shangguo , ZHAO Shaoliang , JING Dong(1)
- A real-time correction method of GNSS broadcast ephemeris orbit LIU Lu , GUO Jinyun , ZHOU Maosheng , LIU Xin , JI Bing(9)
- An improved regularized numerical iteration method for nonlinear estimation of ill -conditioned distance equations ZHANG Jianxia , QU Guoqing , XI Huan , WANG Hui(18)
- Development and application of hydro-mechanical coupling function in simulating crack propagation of FRACOD SHEN Baotang , CHAI Shunjie , ZHANG Shichuan , CHEN Bing(26)
- Numerical simulation study on bolting mechanism and support control of soft rock roadway WANG Zhi , YIN Yanchun , ZHAO Tongbin , MA Jingmin , WU Wenbin(35)
- Effect of roughness on the force and erosion of cylindrical structures under water -sand two phase flow QIAO Zhiwei , LIU Zhuang , ZHANG Xiantang , ZHANG Huiyao , LI Zexi , LI Dan(44)
- Experimental study on slurry mixing proportion in salt water by slurry shield LIU Peng , ZHAO Cheng(50)
- A Top-k crowdsourcing developer recommendation method considering interest preference YU Xu , HE Yadong , LIANG Hongtao , JIANG Feng , DU Junwei(58)
- Topic-aware based cross-modal sequence-to-sequence generation model ZHANG Xu , WANG Xuqiang , TIAN Yuting , YANG Qing , MENG Jie(71)
- A novel text classification method based on topic model and transfer learning BAO Xiang , WANG Manrong , LIU Guifeng(80)
- Existence and uniqueness of positive solutions to a class of fourth-order elastic beam equations WEI Xiaodong , BAI Zhanbing(89)
- Analysis of vehicle handling stability based on frequency response characteristics ZHANG Lixia , ZHENG Chaoyi , PAN Fuquan , ZHANG Wencai , LIU Jiaqi (96)
- Research progress of AODV protocol in vehicular ad hoc networks LÜ Wenhong , QU Yanxi , XU Feng , LIU Qi , GUO Yingjing(105)
- Traffic efficiency analysis of intersections based on improved OV model in V2V environment XU Wei , LIANG Wenli , LIU Haiqing(116)