

目 次

· 道路工程 ·

- 石蜡微胶囊调温沥青及混合料性能 傅 珍, 王化云, 侯英杰, 马 峰, 袁康博 (1)
冻融循环作用下多工况粗颗粒硫酸盐渍土路基变形特性 刘 伟, 杨晓华, 张莎莎 (13)
循环荷载对充填结构面岩体剪切特性的影响 许旭堂, 陈翔龙, 杨 枫, 鲜振兴, 徐 祥 (24)
理论数据协同分析的路面性能预测 刘文博, 杨 旭, 汪海年, 徐 坤, 范泰博 (38)

· 桥梁与隧道工程 ·

- 氯盐腐蚀和多次冲磨耦合作用下超高性能混凝土抗冲磨性能影响
..... 樊 伟, 孙纯杰, 马凌飞, 朱张豪 (50)
钢桥面板疲劳裂纹图像测量的激光测距自标定方法及系统 黄 斌, 程 斌, 周焕新, 曾令博 (60)
盐冻环境下混凝土桥梁服役性能演变规律及耐久性评价指标综述
..... 朱伟庆, 张亚飞, 张丽华, 贾金青, 殷天扬 (69)
基于优化算法及 ANSYS 二次开发的钢筋混凝土偏心受压构件应力计算
..... 高 琼, 刘国坤, 刘 琦 (92)
基底泥岩非均匀膨胀作用的隧道仰拱变形规律分析
..... 许江波, 李 强, 刘一凡, 程芳卉, 林晋海, 陈绍华, 詹皓辰 (102)

· 交通工程 ·

- 考虑群体差异的地铁出行时空特征及影响因素 陈 红, 李晨光, 刘 爽, 刘恩泽, 姚振兴 (114)
基于动态强制清空及协同换道策略的 BLIP 设置 裴玉龙, 李 馨 (125)
基于车辆轨迹数据的混合车队生态驾驶策略
..... 李 运, 张生瑞, 周 备, 潘应久, 周 正, 白 云 (138)

· 汽车与机械工程 ·

- 中国市场乘用车外廓尺寸特征分析与设计车辆尺寸修正
..... 徐 进, 陈正委, 杨子邈, 戴振华, 杜志刚, 刘 影 (153)
基于改进 FNLM 和 HSEDO 的振动筛轴承早期故障诊断
..... 王 艳, 叶 敏, 李嘉波, 张翠红, 卜鹏辉 (167)

CONTENTS

• Road Engineering •

- Performance of paraffin microcapsule temperature control asphalt and mixtures FU Zhen, WANG Hua-yun, HOU Ying-jie, MA Feng, YUAN Kang-bo (1)
Deformation characteristics of coarse-grained sulfate saline soil roadbed under multiple working conditions under freeze-thaw cycles LIU Wei, YANG Xiao-hua, ZHANG Sha-sha (13)
Influence of cyclic loading on shear properties of rock at filled structural face XU Xu-tang, CHEN Xiang-long, YANG Feng, XIAN Zhen-xing, XU Xiang (24)
Pavement condition prediction based on theory-data collaborative analysis LIU Wen-bo, YANG Xu, WANG Hai-nian, XU Kun, FAN Tai-bo (38)

• Bridge and Tunnel Engineering •

- Influence of anti-abrasion performance of ultra-high performance concrete under coupling effect of chloride salt corrosion and multiple abrasion FAN Wei, SUN Chun-jie, MA Ling-fei, ZHU Zhang-hao (50)
Laser ranging self-calibration method and system used for image measurement of fatigue cracks in steel bridge decks HUANG Bin, CHENG Bin, ZHOU Huan-xin, ZENG Ling-bo (60)
Review on evolution law of service performance and durability evaluation indexes of concrete bridges in salt-frozen environment ZHU Wei-qing, ZHANG Ya-fei, ZHANG Li-hua, JIA Jin-qing, YIN Tian-ying (69)
Stress analysis of eccentric compression reinforced concrete component based on optimization algorithm and secondary development of ANSYS GAO Qiong, LIU Guo-kun, LIU Qi (92)
Analysis of deformation law of tunnel inverted arch under non-uniform expansion of base mudstone XU Jiang-bo, LI Qiang, LIU Yi-fan, CHENG Fang-hui, LIN Jin-hai, CHEN Shao-hua, ZHAN Hao-chen (102)

• Traffic Engineering •

- Spatio-temporal characteristics and influencing factors of subway travel considering group differences CHEN Hong, LI Chen-guang, LIU Shuang, LIU En-ze, YAO Zhen-xing (114)
BLIP setting based on dynamic forced clearance and cooperative lane change strategy PEI Yu-long, LI Xin (125)
Eco-driving strategy for mixed platoons based on vehicle trajectory data LI Yun, ZHANG Sheng-rui, ZHOU Bei, PAN Ying-jiu, ZHOU Zheng, BAI Yun (138)

• Automotive and Mechanical Engineering •

- Characteristic analysis of outline dimensions of passenger cars in Chinese market and correction of design vehicle size XU Jin, CHEN Zheng-wei, YANG Zi-miao, DAI Zhen-hua, DU Zhi-gang, LIU Ying (153)
Early fault diagnosis of vibrating screen bearings based on improved FNLM and HSEDO WANG YAN, YE Min, LI Jia-bo, ZHANG Cui-hong, BU Peng-hui (167)