

目 次

· 道路工程 ·

- 填料颗粒级配对带齿格栅拉拔特性影响的试验 方 薇, 刘 恬, 王 骄, 沈洪宇 (1)
道路面层/基层废弃材料的三轴剪切试验与本构模型预估优化
..... 张冰冰, 宋 飞, 李炜光, 金生斌, 刘 娜 (11)
柱状灯芯法测定集料黏附性的试验参数优化 刘振正, 李 波, 易 昭, 张新秀, 刘婉莹 (23)
混凝土防腐涂层性能及试验方法综述 王清洲, 赵洪彬, 尚瑞鹏, 肖成志, 马士宾 (34)

· 桥梁与隧道工程 ·

- 基于点云数据的钢箱节段数字化预拼装方法 朱劲松, 王多吴, 杨瑞鹏 (47)
预制小箱梁 UHPC-NC 组合负弯矩区抗弯承载能力 ... 曹鸿猷, 陈云峰, 李 俊, 杨东洋, 李 涛 (59)
基于拉拔法的索夹螺杆紧固力检测试验
..... 蒋树勤, 周勇军, 曹资源, 吴雨航, 罗之然, 杨 帆, 赵 煜 (72)
UHPC 免模板湿接缝抗弯性能试验 李凌霄, 邹德强, 王嘉兴, 黄心仪, 李立峰 (81)
常规压缩下炭质板岩各向异性力学特征 胡涛涛, 张哲昊, 王 栋 (92)

· 交通工程 ·

- 融合注意力机制与时序特征的异常驾驶行为识别算法
..... 程 鑫, 周经美, 刘需源, 牛亚妮, 张晓静, 王孜健 (103)
考虑宏-微观跨层效应的车辆换道意图影响因素分析 龙雪琴, 林海斌, 杨子江 (114)
隧道入口光伏遮阳棚参数设计及效益评价 ... 万 利, 阎 莹, 张长安, 袁华智, 冯 锐, 董 帅 (124)
快速路行人穿越意图随机场景下车辆主动安全速度控制策略优化 刘庆玲, 胥效文 (135)

· 机械与汽车工程 ·

- 多工位自平衡式挖掘机工作装置疲劳试验台设计与分析
..... 王斌华, 程效岗, 刘昌盛, 刘 强, 赵 鑫 (145)

CONTENTS

• Road Engineering •

- Experimental on effect of filler particle gradation on pullout characteristics of denti-geogrid FANG Wei, LIU Tian, WANG Jiao, SHEN Hong-yu (1)
Triaxial shear test of road surface/base layer waste materials with optimization of its model prediction ZHANG Bing-bing, SONG Fei, LI Wei-guang, JIN Sheng-bin, LIU Na (11)
Optimization of test parameters for measuring aggregate adhesion by column lamp core method LIU Zhen-zheng, LI Bo, YI Zhao, ZHANG Xin-xiu, LIU Wan-ying (23)
Research progress on performance and test methods of concrete anticorrosive coating WANG Qing-zhou, ZHAO Hong-bin, SHANG Rui-peng, XIAO Cheng-zhi, MA Shi-bin (34)

• Bridge and Tunnel Engineering •

- Digital pre-assembly method for steel box segments based on point cloud data ZHU Jin-song, WANG Duo-wu, YANG Rui-peng (47)
Bending-bearing capacity of UHPC-NC composite negative bending moment region of small box girder CAO Hong-you, CHEN Yun-feng, LI Jun, YANG Dong-yang, LI Tao (59)
Experiment on detection of preload force in bolt clamp by pulling method JIANG Shu-qing, ZHOU Yong-jun, CAO Zi-yuan, WU Yu-hang, LUO Zhi-ran, YANG Fan, ZHAO Yu (72)
Experiment on flexural behavior of UHPC wet joints without formwork LI Ling-xiao, ZOU De-qiang, WANG Jia-xing, HUANG Xin-yi, LI Li-feng (81)
Anisotropic mechanical characteristics of carbonaceous slate under conventional compression HU Tao-tao, ZHANG Zhe-hao, WANG Dong (92)

• Traffic Engineering •

- Abnormal driving behavior recognition algorithm combining attention mechanism and timing features CHENG Xin, ZHOU Jing-mei, LIU Pei-yuan, NIU Ya-ni, ZHANG Xiao-jing, WANG Zi-jian (103)
Analysis of influencing factors of vehicle lane changing intention considering macro-micro cross-layer effect LONG Xue-qin, LIN Hai-bin, YANG Zi-jiang (114)
Parameter design and benefit evaluation of photovoltaic sunshade at entrance of tunnel WAN Li, YAN Ying, ZHANG Chang-an, YUAN Hua-zhi, FENG Rui, DONG Shuai (124)
Speed optimization for active-safety system of intelligent connected vehicles on expressways with crossing pedestrians LIU Qing-ling, XU Xiao-wen (135)

• Automotive and Mechanical Engineering •

- Design and analysis of fatigue test bench for excavator working equipment with multiple test positions and load self-balancing function WANG Bin-hua, CHENG Xiao-gang, LIU Chang-sheng, LIU Qiang, ZHAO Xin (145)