

目 次

• 道路工程 •

基于深度卷积神经网络融合模型的路面裂缝识别方法 孙朝云, 马志丹, 李 伟, 郝雪丽, 申 浩 (1)

粉胶比对沥青胶浆高低温性能的影响..... 许新权, 唐胜刚, 杨 军 (14)

基于温度域的水泥土稳定 RAP 混合料配合比设计 彭 波, 陈思燚, 吴士园, 杜冰洁, 龚志成 (27)

铣刨料掺量及掺配方式对再生水稳碎石路用性能的影响..... 田 源, 牛冬瑜 (39)

• 桥梁与隧道路工程 •

基于箱梁模型试验的 Kelvin 碰撞刚度 李义强, 张钦宇, 王新敏 (50)

敏感水体公路桥梁桥面径流排水系统设计方法..... 杨文娟, 陈 莹, 吴 沛, 赵剑强 (60)

基于大型桥梁的最优交通流量控制策略选择..... 周 兵, 王传生, 刘芳亮 (68)

• 交通工程 •

多车道交通流理论与应用研究综述..... 雷 旭, 李 立, 李光泽, 汪贵平 (78)

城市交通信号自组织控制中信号相位建模的优化方法..... 钟馥声, 王安麟, 姜 涛 (91)

基于 AHP-信息熵决策的城市轨道建设期交通组织方案评价 马 静, 戴维佳 (101)

基于 SqueezeNet 卷积神经网络的车辆颜色识别 李坤伦, 魏泽发, 宋焕生 (109)

多因素交互作用下缩减车道对驾驶行为的影响 魏文海 (117)

CONTENTS

• Road Engineering •

Pavement crack identification method based on deep convolutional neural network fusion model
..... SUN Zhao-yun, MA Zhi-dan, LI Wei, HAO Xue-li, SHEN Hao (1)

Influence of filler-asphalt ratio on high-and-low-temperature performance of asphalt mortar
..... XU Xin-quan, TANG Sheng-gang, YANG Jun (14)

Mix proportion design of cement-soil stabilized RAP mixture based on temperature domain
..... PENG Bo, CHEN Si-yi, WU Shi-yuan, DU Bing-jie, GONG Zhi-cheng (27)

Effect of milling material content and blending method on road performance of regeneration cement stabilized gravel
..... TIAN Yuan, NIU Dong-yu (39)

• Bridge and Tunnel Engineering •

Kelvin collision stiffness based on box girder model test LI Yi-qiang, ZHANG Qin-yu, WANG Xin-min (50)

Runoff drainage system design for highway bridges crossing sensitive water
..... YANG Wen-juan, CHEN Ying, WU Pei, ZHAO Jian-qiang (60)

Selection of optimal traffic control strategy based on large bridge
..... ZHOU Bing, WANG Chuan-sheng, LIU Fang-liang (68)

• Traffic Engineering •

Review of multilane traffic flow theory and application LEI Xu, LI Li, LI Guang-ze, WANG Gui-ping (78)

Optimization method of modeling signal phase of urban traffic signal self-organizing control
..... ZHONG Fu-sheng, WANG An-lin, JIANG Tao (91)

Evaluating on traffic management during traffic construction of urban rail based on AHP-information entropy
..... MA Jing, DAI Wei-jia (101)

Vehicle color recognition based on SqueezeNet LI Kun-lun, WEI Ze-fa, SONG Huan-sheng (109)

Influence of lane reduction on driving behavior characteristics under multi-factor interaction WEI Wen-hai (117)