

目次

高速铁路技术

- 高速铁路接触网系统风险评估与维修计划优化.....刘琛, 陈民武, 宋雅琳, 刘洋, 王耀午(205)
- 我国高速铁路固定设备维护体制模式研究.....程学庆, 李月, 舒继承, 邢颖, 王鑫(214)
- 动车组轮对压装仿真及参数影响分析.....黄堃, 商跃进, 王红, 郑伟(221)

轨道与基础

- 冻融循环下预应力 CFRP 加固高强混凝土耐久性.....洪雷, 江海鑫, 王苏岩(227)
- 条形基础地基极限承载力的改进径向移动算法研究.....金亮星, 潘卓夫, 冯琦璇(233)
- 路堤荷载下长短桩加固黄土地基影响因素的分析.....李善珍, 马学宁, 田兆斌(241)
- 基于评价 SBS 改性沥青高温性能的修正软化点方法.....孙培, 韩森, 高榕, 原健安(250)
- 简化地铁移动荷载引起的混凝土路面振动分析.....丁光亚, 张伟, 孙帆(257)
- 砾类土动弹性模量和阻尼比的影响因素试验研究.....刘大鹏, 杨晓华, 刘恒任, 王婧, 张红伟(264)

桥梁隧道与结构

- 公铁两用斜拉桥竖向挠度的长期监测与分析.....丁幼亮, 卞宇, 赵瀚玮, 岳青, 吴来义(271)
- GFRP 筋混凝土 T 型梁正截面抗弯承载力研究.....陈涛, 蔺鹏臻(278)
- 基于变形协调原理的多塔斜拉桥边塔纵向抗推刚度.....陈恒大, 邬晓光, 姚丝思, 贺攀, 李铸(283)

CONTENTS

High-speed Rail Technology

- Research on optimization of maintenance plan for high-speed railway catenary system based on risk assessment
.....LIU Chen, CHEN Minwu, SONG Yalin, LIU Yang, WANG Yaowu(205)
- Study of high-speed railway fixed equipment maintenance system mode in China
.....CHENG Xueqing, LI Yue, SHU Jicheng, XING Ying, WANG Xin(214)
- Simulation and parameter influence analysis of the process of wheelset press-fitting for high-speed EMUs
.....HUANG Kun, SHANG Yuejin, WANG Hong, ZHENG Wei(221)

Track and Foundation

- Durability of high strength concrete strengthened with prestressed CFRP under freeze-thaw cycles
.....HONG Lei, JIANG Haixin, WANG Suyan(227)
- The research of ultimate bearing capacity for strip foundation with improved radial moving optimization
.....JIN Liangxing, PAN Zhuofu, FENG Qixuan(233)
- Research on influence factors of long-short pile reinforced loess foundation under embankment
.....LI Shanzhen, MA Xuening, TIAN Zhaobin(241)
- A revised softening point method based on evaluating the high temperature property of SBS modified asphalt
.....SUN Pei, HAN Sen, GAO Rong, YUAN Jianan(250)
- Vibration analysis of concrete pavement caused by simplified Metro moving load.....DING Guangya, ZHANG Wei, SUN Fan(257)
- Experimental study on influence factors of gravel soil dynamic elastic modulus and damping ratio
.....LIU Dapeng, YANG Xiaohua, LIU Hengren, WANG Jing, ZHANG Hongwei(264)

Bridge, Tunnel and Structure

- Long-term monitoring and analysis of vertical deflections of a highway-railway cable-stayed bridge under operation conditions
.....DING Youliang, BIAN Yu, ZHAO Hanwei, YUE Qing, WU Laiyi(271)
- Research on flexural capacity of GFRP-reinforced concrete T beams.....CHEN Tao, LIN Pengzhen(278)
- Longitudinal restraint stiffness of the side tower for multi-tower cable-stayed bridge based on the principle of deformation
coordination.....CHEN Hengda, WU Xiaoguang, YAO Sisi, HE Pan, LI Zhu(283)
- Stability analysis of high piers and large span continuous rigid frame bridge based on energy method
.....WU Xiaoguang, LI Yilin, HE Pan, FENG Yu(290)

- Completed bridge suspender forces optimization of a arch bridge
TIAN Zhichang, SUN Chao, HAN Yonghua, ZHAO Gentian(296)
- Calculation of underground water level for tunnel in operation period
YIN Quan, CHENG Pan, FU Helin, ZHOU Linxuan, LIU Chang(303)
- Research on the characteristics of surrounding rock vibration during the tunnel blasting construction with thin roof bedrock layer
DENG E, YANG Weichao, LEI Mingfeng, XIAO Ying(308)
- Experimental study on shear property of circumferential joint in general ring segment under the staggered assembling
ZHU Yaohong, ZHANG Chen, LIU Xian, DONG Zibo(315)
- Vibration of single-story masonry structures induced by subway through in-situ tests
JIN Hao, LIU Weining, ZHOU Shunhua, YUAN Yang, YU Kaiwen(325)
- Internal force distribution and its integral design analysis of tree-like structure.....SONG Xing, YU Zehong, LIANG Yingjun(332)
- Discussion on research of vehicle lateral collision with RC columns.....MENG Yi, HUANG Fanglin(342)

Vehicles and Equipment

- A size measurement method for the foreign objects in railway lines using monocular vision and linear laser
CUI Can, LU Zhaijun, HUANG Lei(349)
- Railway track detection algorithm based on piecewise curve model
GUO Bi, DONG Yu(355)
- Finite element analysis of the contact problem on the head underfloor lifting system
CHENG Bing, YU Lanfeng, FU Kang, WU Yongming(364)
- Detection of catenary rotation binaural based on LBP-HOG feature.....XU Dan, YU Long, CHEN Tanglong, WANG Jiaqi(370)

Transportation · Logistics · Engineering Management

- Optimization method for the transportation network designbased on the network efficiency
HE Yuxin, QIN Jin, YE Yong, ZHANG Linxue(379)
- Price and service competition between rail and road freight transportation based on Hoteling model.....FENG Fenling, LI Jieliu(388)
- Research on the minimum distance between the center of the ramp toll plaza and the front shunting point
YANG Shaowei, WAN Jian, PAN Binghong(395)
- Cooperation optimization of factories, distribution centers and distributors under stochastic demand
JIA Xu, LIU Cheng(400)
- Study on bidding object designing of PPP project of domestic waste incineration for power
ZHANG Yanchun, ZOU Dejian, CHEN Dong, FANG Shu(408)
- Identification of critical success factors of PPP projects based on process analysis.....LI Qian, LI Xingli(415)