

铁道学报

TIEDAO XUEBAO

第38卷 第6期 2016年6月
目 次

铁道运输

- 网络化城市轨道交通时刻表换乘协调优化研究 白广争, 郭进, 石红国, 杨扬, 张太花(1)
紧急情况下城市轨道隧道客流疏散配流模型研究 马剑, 王若成, 邱谦谦(8)

铁道机车车辆、电气化

- 基于流固耦合的高速列车裙板支架气动载荷响应分析 张永昌, 徐宇工, 张乐乐(15)
电力牵引货运列车节能运行研究(二):速度跟踪组合控制方法 杨杰, 贾利民, 付云骁, 罗云凤(23)
新材质车轮钢对重载货车轮轨磨耗的影响 李亨利, 李芾, 张澎湃, 邓小剑, 王爱民(32)
基于模块化H桥和Vv接线变压器的高速铁路同相牵引供电系统 黄小红, 李群湛, 吴萍(38)
基于节能稳压的地面式超级电容储能系统容量配置优化研究 王彬, 杨中平, 林飞, 赵炜(45)

铁道通信信号

- 基于虚拟应答器的GNSS列车安全定位及风险分析 王剑, 陆德彪, 唐一哲, 靳成铭(53)
基于云模型和组合赋权法的CTCS-3级列控系统可靠性评价 张友鹏, 杨金凤(59)
基于灰色神经网络的S700K转辙机故障诊断方法研究 王瑞峰, 陈旺斌(68)
一种抗特征分析替换攻击的数字语音取证算法 王静, 刘正辉, 祁传达, 王宏霞(73)

铁道工程

- 扣件胶垫刚度频变的钢轨垂向自振特征分析 韦凯, 张攀, 梁迎春, 王平(79)
考虑磨削过程的钢轨打磨小车动力学行为研究 张科元, 林强, 王文健, 郭俊, 刘启跃(86)
基于双响应曲面法的压实质量连续检测参数稳健性设计 聂志红, 谢扬, 焦倓(93)
不同含水状态级配碎石临界动应力及变形规律研究
..... 苏谦, 刘宝, PHAM Duc Phong, 白皓, LAM Thi Huyen Hanh(100)

- P波入射下浅埋圆形复合式衬砌隧道减震力学特性研究 王帅帅, 高波, 申玉生(108)

简讯

- 青藏铁路开通运营十周年(1) (封三)
《铁道学报》被数据库收录情况 (7)
《铁道学报》投稿须知 (22)
《铁道学报》对撰写中英文摘要的要求 (52)
下期要目 (99)
《铁道学报》论文参考文献著录格式要求 (115)

JOURNAL OF THE CHINA RAILWAY SOCIETY

(Monthly)

Vol. 38 No. 6 June 2016

CONTENTS

- Optimization for Transfer Coordination of Network Timetable in
Urban Rail Transit BAI Guangzheng, GUO Jin, SHI Hongguo, YANG Yang, ZHANG Taihua(1)
- Passenger Assignment Model for Emergency Evacuation in Metro
Rail Tunnels MA Jian, WANG Ruocheng, QIU Qianqian(8)
- Structure Response Analysis of Skirt Board Brackets of High Speed Train under
Aerodynamic Load Based on FSI Method ZHANG Yongchang, XU Yugong, ZHANG Lele(15)
- Energy-efficient Freight Train Operation-Part II: Combined Control of
Speed Tracking YANG Jie, JIA Limin, FU Yunxiao, LUO Yunfeng(23)
- Influence of New Type Wheel Steel on Wheel/Rail Wear of Heavy
Haul Freight Cars LI Hengli, LI Fu, ZHANG Pengpai, DENG Xiaojian, WANG Aimin(32)
- Co-phase Traction Power Supply Systems of High Speed Railway Based on Modular Multilevel
Cascaded H Bridge and Vv-connected Transformer HUANG Xiaohong, LI Qunzhan, WU Ping(38)
- Study on Optimization of Capacity Configuration of Stationary Super
Capacitor Storage System for Improving Energy Efficiency and
Voltage Profile WANG Bin, YANG Zhongping, LIN Fei, ZHAO Wei(45)
- Virtual Balise Application for GNSS Train Safe Location and
Risk Analysis WANG Jian, LU Debiao, TANG Yizhe, JIN Chengming(53)
- Reliability Evaluation of CTCS-3 Based on Cloud Model and
Combination Weighting Method ZHANG Youpeng, YANG Jinfeng(59)
- Research on Fault Diagnosis Method for S700K Switch Machine
Based on Grey Neural Network WANG Ruifeng, CHEN Wangbin(68)
- A Content Authentication Algorithm for Digital Speech Signal Robust Against Feature-Analyzed
Substitution Attack WANG Jing, LIU Zhenghui, QI Chuanda, WANG Hongxia(73)
- Study on Vertical Natural Vibrations of Steel Rail Considering Frequency-dependent
Stiffness of Rail Pads WEI Kai, ZHANG Pan, LIANG Yingchun, WANG Ping(79)
- Study on Dynamic Behavior of Rail Grinding Vehicle Considering
the Grinding Process ZHANG Keyuan, LIN Qiang, WANG Wenjian, GUO Jun, LIU Qiyue(86)
- Robust Design of Continuous Compaction Measured Value Based on
Dual Response Surface Methodology NIE Zhihong, XIE Yang, JIAO Tan(93)
- Study of Critical Dynamic Stress and Deformation Law of Graded Gravel under Different
Moisture Content SU Qian, LIU Bao, PHAM Duc Phong, BAI Hao, LAM Thi Huyen Hanh(100)
- Study on Damping Mechanism of Circular Composite-lined Shallow Buried
Tunnel Subjected to Incident P Wave WANG Shuaishuai, GAO Bo, SHEN Yusheng(108)