

目 次

· 结构分析 ·

- 桥上爆炸作用下正交异性钢桥面板的破坏模式马亮亮 王启珍 吴昊(1)
- 多绳摩擦提升系统钢丝绳张力时程研究申跃奎 朱新雨 李泽纬 等(11)
- 大跨径斜拉桥长期健康监测数据的性能分析与应用倪艳春 蔡永谊 张启伟(19)
- 大跨连廊结构的人致振动效应及TMD减振控制樊亭 张春文 胡显昊 等(28)
- 基于现场实测反演的地铁运行诱发邻近结构振动预测吴德顺 顾晓强 刘鑫 等(36)

· 抗震与抗风 ·

- 考虑SSI效应时TMD的减震优化设计刘书童 张晋 谢金伦 等(45)
- 有轨电车小半径曲线梁桥减隔震措施对比研究焦驰宇 曹跃 阮良奉 等(56)
- 穿越活动断裂带深埋隧道围岩地震响应分析孙红林 肖遥 刘府生 等(66)
- 基于OpenFOAM地铁隧道防火门的活塞风作用时变特性研究尹静 刘剑春(79)

· 试验研究 ·

- 矩形管薄壁型钢混凝土柱力学性能研究贾王龙 杨鹏博 赵子文 等(88)
- 基于贝叶斯方法的混凝土强度接收准则研究蒋利学 郑士举 王卓琳(102)
- 基于一次计数抽样检验的现场混凝土强度特征值推定方法蒋利学 郑士举 王卓琳 等(114)
- 飞机与地铁动载下道基动力响应现场监测及分析童俊 刘勤峰 谭聆言 等(122)

· 地基基础 ·

- 考虑接头螺栓的多环实体拼装隧道管片承载性能及破坏模式周奇辉 张琼方 王震 等(128)
- 西安地铁八号线地裂缝隧道暗挖施工技术 with 沉降控制措施研究史治文(137)

· 工程施工 ·

- 钢筋混凝土剪力墙与后浇筑的钢筋混凝土梁的贯通式节点的设计研究
.....龚铭 黄伟志 王伟(143)
- 地铁车站侧墙大体积混凝土施工养护测温实验与数值模拟陈辉 张英硕 张凤亮 等(151)

· 设计方法与研究 ·

- 高烈度地震区某幼儿园减震分析与设计侯宏涛 杨立华 王琴 等(161)
- 复杂钢混组合线下式高铁站房结构设计与抗震分析杜鹏 白宗琨 王传芳 等(168)
- 赣西地区某历史会馆结构修缮设计及抗震性能分析周彬(178)

· 文献综述 ·

- 工程弃土免烧砖技术路径与发展趋势肖建庄 吴宇鑫 沈剑羽 等(188)

CONTENTS

• Structural Analysis •

- Damage Mode of Orthotropic Steel Bridge Deck under Above-Deck Explosion
.....*MA Liangliang WANG Qizhen WU Hao* (1)
- Time-History Study on Tension of Steel Wire Rope in Multi-Rope Friction Hoisting System
.....*SHEN Yuekui ZHU Xinyu LI Zewei et al* (11)
- Performance Analysis and Application of Long-Term Health Monitoring Data for a Large-Span Cable-Stayed Bridge
.....*NI Yanchun CAI Yongyi ZHANG Qiwei* (19)
- Human-Induced Vibration Effect and TMD Vibration Reduction Control of Long-Span Corridor Structure
.....*FAN Ting ZHANG Chunwen HU Xianhao et al* (28)
- An Inversion Analysis for Predicting Structure Vibration Due to Operation of Nearby Metro Train Based on Field Measurements
.....*WU Deshun GU Xiaoqiang LIU Xin et al* (36)

• Earthquake and Wind Resistance •

- Optimum Design of TMD under Earthquake Excitation Considering Soil-Structure Interaction
.....*LIU Shutong ZHANG Jin XIE Jinlun et al* (45)
- Comparative Study on Seismic Isolation Measures of Small Radius Curved Girder Tramway Bridge
.....*JIAO Chiyu CAO Yue RUAN Liangfeng et al* (56)
- Seismic Response Analysis of Surrounding Rock of Deep Buried Tunnel Crossing Active Fault Zone
.....*SUN Honglin XIAO Yao LIU Fusheng et al* (66)
- Study on Time Variant Characteristics of Piston Wind Action on Fireproof Doors of Connecting Passages in Subway Tunnel Based on OpenFOAM
.....*YIN Jing LIU Jianchun* (79)

• Experiment Study •

- Study on Mechanical Properties of Rectangular Thin-Walled Tube Reinforced Concrete Columns
.....*JIA Wanglong YANG Pengbo ZHAO Ziwen et al* (88)
- Study on Acceptance Criterion of Concrete Strength Based on Bayesian Method
.....*JIANG Lixue ZHENG Shiju WANG Zhuolin* (102)
- Estimation Method of Characteristic Value of Concrete Strength in Situ Based on Single Sampling Inspection by Attributes
.....*JIANG Lixue ZHENG Shiju WANG Zhuolin et al* (114)
- Field Monitoring and Analysis on Dynamic Responses of Taxiway Foundation Subjected to Aircraft and Subway Loadings
.....*TONG Jun LIU Qinfeng TAN Lingyan et al* (122)

• Foundation •

- Study on Bearing Capacity and Failure Mode of Multi-Ring Solid Assembly Tunnel Segment with Considering Joint Bolts
.....*ZHOU Qihui ZHANG Qiongfang WANG Zhen et al* (128)
- Research on Construction Technology and Settlement Control Measures of Underground Crack Tunnel in Xi'an Metro Line 8
.....*SHI Zhiwen* (137)

• Engineering Construction •

- Design and Research of Penetrating Joints between Reinforced Concrete Shear Walls and Post Poured Reinforced Concrete Beams
.....*GONG Ming HUANG Weizhi WANG Wei* (143)
- Temperature Measurement Experiment and Numerical Simulation of Large-Volume Concretes During Their Construction and Maintenance on Side Walls of Subway Station
.....*CHEN Hui ZHANG Yingshuo ZHANG Fengliang et al* (151)

• Study of Design Method •

- Energy-Dissipation Analysis and Design of a Kindergarten Building in High Seismic Intensity Region
.....*HOU Hongtao Yang Lihua WANG Qin et al* (161)
- Structural Design and Seismic Analysis of Complex Steel-Concrete Composite Underground High-Speed Railway Station
.....*DU Peng BAI Zongkun WANG Chuanfang et al* (168)
- Retrofit Design and Seismic Performance Analysis of a Historic Hall in West Jiangxi Province
.....*ZHOU Bin* (178)

• State of the Art •

- Technology Path and Development Trend of Nonsintered Bricks with Construction Spoil
.....*XIAO Jianzhuang WU Yuxin SHEN Jianyu et al* (188)