

工程与建设

第 31 卷第 3 期

(总第 111 期)

2017 年 7 月

[期刊基本参数] CN34-1296/N * 1987 * b * A4 * 144 * zh * P * ¥20.00 * 1 000 * 42 * 2017-07

目次

❖ 研究与探索

- 装配式建筑发展现状及建议研究——以安徽省为例····· 刘继朝, 崔巍懿, 汪强(287)
- 基于饱和-非饱和理论的某土石坝渗流及坝坡稳定分析····· 杨世武, 石勇, 唐昌金, 陈陆望(290)
- 两相异质材料切口强度边界元法研究····· 孙佳琳, 程长征(294)
- 圆钢管柱混凝土在焊接高温下的有限元研究····· 余骏, 关群(298)

❖ 建筑与规划

- 徽派建筑传承与创新的一些认识与思考····· 韩毅(302)
- 浅谈对城市设计在中国城市发展和建设中实施的认识····· 刘晓飞, 王刚, 韩公正(305)
- 城市总体规划实施评估方法的改进研究····· 游晓琴, 朱义奎(309)

❖ 工程设计

- 安徽省 110~220kV 输电线路专用杆塔塔型典型设计····· 张学平, 谢涛, 王力, 罗正帮, 赵晖(312)
- 宿州远航关键复杂连接节点的力学特性分析····· 邓满宇, 完海鹰(315)
- 医用直线加速器机房的防护及空调设计····· 杨孝鹏, 邹静, 张业慧(319)
- 欢迎订阅 2018 年《工程与建设》····· (321)
- 浅析水泥稳定冷再生底基层再生利用技术····· 黄杰(322)
- 浅析高速公路互通区桥梁设计····· 刘华江, 张文隽(325)
- 黄山至千岛湖高速公路服务区设计研究····· 吕蒙, 司倩(328)
- 徐州至明光高速公路安徽段设计亮点综述····· 李昌虎, 张百永(330)
- 从武汉两江四岸亮化项目看系统集成在城市夜景亮化中的应用····· 盛誉满(333)
- 高速公路沥青路面裂缝病害成因及防治措施····· 陈成(335)
- 钢筋混凝土独柱墩盖梁开裂成因分析····· 李邦映(337)
- 地铁车站监测与数据预测分析····· 吴迎雷, 王志超, 陈超(341)

❖ 抗震研究

- 大跨度曲线斜拉桥的地震响应分析····· 杨吉新, 梁亚兰, 余越, 陈一赫, 杨蒋鹤立(344)
- 万方数据

基于有限元某门急诊住院综合楼超限抗震分析与设计	汪 洋, 刘 伟(348)
2015 版区划图主要调整及对公路工程液化计算的影响	陶金良(352)
《工程与建设》投稿须知	(355)

❖ 试验与检测

透水混杂骨料再生混凝土配合比设计与性能试验研究	徐东祥, 贾艳东, 刘俊杰, 蔡向辉(356)
山碴石填料路用性能仿真模拟与试验研究	施园园, 方诗圣(359)
浅议地下管道泄漏检测及定位新技术	齐英杰, 方 彦, 杜祥哲, 白 璐(362)
预加荷载及间歇性剥离的 FRP 加固结构延性增强试验研究	刘 慎, 秦韬睿, 谢 政, 高奔浩, 王佐才(367)
某双曲拱桥的静载试验研究	张守领(370)
公路工程路基、路面弯沉检测方法的分析和探讨	瞿 阳(373)

❖ 建筑材料

我国建筑工程自流地坪材料的应用与发展	王 琰(375)
--------------------------	----------

❖ 地基与基础

浅谈深基坑支护选型及其在某工程实例中的应用	施齐宝(379)
填土地基相关施工参数和指标分析计算	王 滔, 齐普荣, 王晗旭(382)

❖ 建造技术

地下室顶板上安装施工升降机的结构处理技术	杨浩东, 胡 备(385)
大跨度钢桁架桥施工力学效应的数值模拟分析	李华治, 褚 梅(388)
工业化建造技术在高速公路改扩建项目中的应用	丁 跃, 程远志(391)
咬合桩在高速路改桥工程中的应用	李 漪(394)
盾构掘进对既有构筑物影响分析	张 辉(397)
浅埋暗挖法近距离下穿既有隧道施工安全性分析	李昊煜, 王 飞(400)
钢板桩围堰渗漏情况分析及其处理方式的探讨	方 茂(405)
连续梁桥合龙方式对结构挠度的影响	沈阳超, 李雪峰, 袁家冬(408)

❖ 工程管理

浅谈建设单位合同实施阶段造价控制风险与对策	贾国庆(411)
安徽省输电线路挖孔基础爆破成本影响因素研究	陆 军, 罗继红, 殷 敏(415)
建设工程项目进度控制与管理	罗婷婷(418)
合肥轨道交通建设工程试验检测管理风险分析	李敬晖, 潘 星(422)

ENGINEERING AND CONSTRUCTION

Vol.31 No.3

Serial No.111

Jul.2017

CONTENTS

Research and Discussion

- Research on development status of prefabricated building and suggestions ; Taking Anhui Province as an example LIU Ji-chao , CUI Wei-yi , WANG Qiang(287)
- Seepage and stability analysis of an earth-rockfill dam slope based on saturated-unsaturated seepage theory YANG Shi-wu , SHI Yong , TANG Chang-jin , CHEN Lu-wang(290)
- Research on stress intensity factors of bi-material V-notch by boundary element method SUN Jia-lin , CHENG Chang-zheng(294)
- Finite element analysis of circular steel tube column concrete under high welding temperature YU Jun , GUAN Qun(298)

Building and Planning

- Analysis of inheritance and innovation of Hui-style building HAN Yi(302)
- On the implementation of urban design in urban development and construction in China LIU Xiao-fei , WANG Gang , HAN Gong-zheng(305)
- Research on the improvement of evaluation methods of urban overall planning implementation YOU Xiao-qin , ZHU Yi-kui(309)

Engineering Design

- Typical design of transmission line special tower types with voltage grades from 110 kV to 220 kV in Anhui Province ZHANG Xue-ping , XIE Tao , WANG Li , LUO Zheng-bang , ZHAO Hui(312)
- Mechanical properties of key complex connection node of Suzhou voyage DENG Man-yu , WAN Hai-ying(315)
- Protection and air conditioning design of medical linear accelerator room YANG Xiao-peng , ZOU Jing , ZHANG Ye-hui(319)
- Analysis of recycling technology of cement stabilized cold recycled subbase HUANG Jie(322)
- Analysis of expressway interchange bridge design LIU Hua-jiang , ZHANG Wen-jun(325)
- Application of steel corrugated pipe culvert in highway construction LÜ Meng , SI Qian(328)
- Design highlights of Anhui section of Xuzhou-Mingguang Highway LI Chang-hu , ZHANG Bai-yong(330)
- Application of system integration in urban night lighting form the perspective of Wuhan Two Rivers and Four Banks Project SHENG Yu-man(333)
- Causes of highway asphalt pavement cracks and the treatment CHEN Cheng(335)
- Cause analysis of cracks in reinforced concrete bent cap for a single-column pier LI Bang-ying(337)
- Monitoring and data prediction analysis for subway station WU Ying-lei , WANG Zhi-chao , CHEN Chao(341)

Research on Earthquake Resistance

- Seismic response analysis of long-span curved cable-stayed bridge YANG Ji-xin , LIANG Ya-lan , YU Yue , CHEN Yi-he , YANG-JIANG Heli(344)

- Ultra-limit seismic analysis and design of a hospital outpatient and inpatient department based on finite element WANG Yang, LIU Wei(348)
- Main adjustment of seismic ground motion parameters zonation map of China (GB18306-2015) and its influence on liquefaction discrimination in road engineering TAO Jin-liang(352)

Test and Inspection

- Experimental study of mix proportion design and performance of pervious recycled concrete XU Dong-xiang, JIA Yan-dong, LIU Jun-jie, CAI Xiang-hui(356)
- Analog simulation and experimental study of pavement performance of mountain stone SHI Yuan-yuan, FANG Shi-sheng(359)
- Study of underground pipeline leakage detection and location technology QI Ying-jie, FANG Yan, DU Xiang-zhe, BAI Lu(362)
- Experimental study of ductility enhancement of FRP-strengthened structures based on preloading method and intermittent debonding technique LIU Shen, QIN Tao-rui, XIE Zheng, GAO Ben-hao, WANG Zuo-cai(367)
- Analysis of static load test of a double arch bridge ZHANG Shou-ling(370)
- Analysis of detection method of highway engineering subgrade and pavement deflection QU Yang(373)

Building Material

- Application and development of self-leveling floor material for construction engineering in China WANG Yan(375)

Foundation and Basement

- Selection of deep foundation pit supporting type and its application in an engineering project SHI Qi-bao(379)
- Analysis and calculation of construction parameters and indexes of embankment foundation WANG Tao, QI Pu-rong, WANG Han-xu(382)

Construction Technology

- Structure treatment technology of installing construction lifter on basement roof YANG Hao-dong, HU Bei(385)
- Numerical simulation analysis of mechanical effect of long-span steel truss girder bridge construction LI Hua-zhi, CHU Mei(388)
- Application of industrial construction technology in expressway reconstruction and expansion projects DING Yue, CHENG Yuan-zhi(391)
- Application of secant piles in transformation of subgrade to bridge in highway LI Yi(394)
- Impact of shield tunneling on existing tunnel structures ZHANG Hui(397)
- Analysis of construction safety of shallow embedded tunnel undercrossing existing tunnel at short distance LI Hao-yu, WANG Fei(400)
- Analysis of the leakage of steel sheet pile cofferdam and treatment measures FANG Mao(405)
- Influence of closure mode of continuous girder bridge on structure deflection SHEN Yang-chao, LI Xue-feng, YUAN Jia-dong(408)

Engineering Management

- Risk in cost control during construction unit contract implementation stage and countermeasures JIA Guo-qing(411)
- Factors affecting blasting cost of rock excavation foundation of transmission line in Anhui Province LU Jun, LUO Ji-hong, YIN Min(415)
- Process control and management of construction project LUO Ting-ting(418)
- Risk analysis of engineering test management for rail transit construction project in Hefei City LI Jing-hui, PAN Xing(422)