

土木工程学报(月刊)

第 51 卷增刊 1

2018 年 11 月

目 次

| | | |
|-----------------------------|--------------------------------|-------|
| 高阻尼隔震支座复合橡胶材料制备及性能研究 | 雷 拓 张永旺 杨永睿 曹国绒 | (1) |
| 网壳结构基于性能的抗震设计方法研究 | 聂桂波 刘 坤 支旭东 戴君武 | (8) |
| 实时往复大变形下铅芯橡胶隔震支座力学性能试验研究 | 刘彦辉 刘 琳 温留汉 黑沙 谭 平 金建敏 何 巍 沈朝勇 | (13) |
| 不锈钢管中钢管混凝土组合海洋平台冰激振动试验研究 | 张纪刚 刘菲菲 赵铁军 | (20) |
| 基于海水干湿循环的天然橡胶支座剪应变相关性试验研究 | 李艳敏 马玉宏 赵桂峰 周福霖 | (26) |
| 单檐歇山式木构古建抵抗强震试验调查 | 周 乾 闫维明 杨 娜 纪金豹 | (32) |
| 完全非平稳地震动演化功率谱模型及其工程应用 | 杜东升 张 伟 王曙光 刘伟庆 | (37) |
| 圆 CFRP- 钢管混凝土的剪切性能试验研究 | 刘天琦 王庆利 李宏玮 | (44) |
| 基于汶川地震记录及遗传算法的加速度设计反应谱 | 谭 潜 李英民 邱立珊 向渊明 周小龙 | (50) |
| 使用基于模型的积分算法的钢框架非线性时程分析 | 傅 博 蒋欢军 | (58) |
| 配置斜筋的单排配筋混凝土低矮剪力墙动力性能试验研究 | 张建伟 郑文彬 曹万林 董宏英 | (65) |
| 大跨度非对称悬索桥振动基频的参数敏感性分析 | 杨国俊 杜永峰 唐光武 郝宪武 李子青 | (72) |
| 改进的三线性自复位防屈曲支撑结构非线性位移比 | 刘 璐 刘 越 | (80) |
| 新型抗冲击型黏滞阻尼器的力学性能研究 | 李雪红 李文琳 徐秀丽 周绪旭 李枝军 | (85) |
| 火灾后方中空钢管混凝土柱滞回性能有限元分析 | 刘 晓 徐建烨 王 伊 | (92) |
| 喷射 FRP- 混凝土界面的粘结滑移模型研究 | 杨 墅 李佳佳 刘 勇 | (98) |
| 相邻 RC 框架结构地震碰撞过程模拟与初步分析 | 杨永强 谢礼立 戴君武 | (104) |
| 连接 Kelvin 阻尼器的对称双塔楼结构被动控制研究 | 吴巧云 肖诗烨 朱宏平 | (109) |
| 自适应模型缩放非线性动力分析方法 | 方 明 王 建 李 惠 | (116) |
| 高宽比对 RC 剪力墙地震损伤性能影响特征的试验分析 | 章红梅 蒋小星 | (122) |
| 近断层地震下输电塔 - 线体系振动台试验研究 | 田 利 刘俊才 潘海洋 牛延宏 国 巍 | (127) |
| 核电厂循环风机地震模拟振动试验研究 | 施卫星 拜立岗 韩建平 | (133) |
| 带 PEC 柱的钢板剪力墙结构抗震性能试验研究 | 殷占忠 李锦铭 赵帅鹏 | (139) |

CHINA CIVIL ENGINEERING JOURNAL (Monthly)

Vol.51, Supp. 1

Nov. 2018

CONTENTS

| | |
|---|---|
| Composite material preparation and properties research of high damping isolation bearing | Lei Tuo Zhang Yongwang Yang Yongrui Cao Guorong(1) |
| Performance-based seismic design of reticulated shells | Nie Guibo Liu Kun Zhi Xudong Dai Junwu(8) |
| Experimental study on mechanical performance of lead rubber bearings under real-time reciprocating large deformation | Liu Yanhui Liu Lin Wenliuhan-Heisha Tan Ping Jin Jianmin He Wei Shen Chaoyong(13) |
| Experimental research on ice-induced vibration of concrete-filled double-skin circular stainless steel tube platform | Zhang Jigang Liu Feifei Zhao Tiejun(20) |
| Experimental study on shear-strain dependency of natural rubber bearing under seawater wet-dry cycles | Li Yanmin Ma Yuhong Zhao Guifeng Zhou Fulin(26) |
| Experimental investigation of seismic performance of single layer gable and hip roof type of Chinese ancient building under high intensity earthquake | Zhou Qian Yan Weiming Yang Na Ji Jinbao(32) |
| Evolutionary power spectral model for the fully non-stationary ground motions and its engineering application | Du Dongsheng Zhang Wei Wang Shuguang Liu Weiqing(37) |
| Experimental study on shearing behavior of circular concrete filled CFRP-steel tube | Liu Tianqi Wang Qingli Li Hongwei(44) |
| Study on the acceleration seismic design response spectrum based on the Wenchuan ground motions and genetic algorithm | Tan Qian Li Yingmin Qiu Lishan Xiang Yuanming Zhou Xiaolong(50) |
| Nonlinear time history analysis of steel frame using model-based integration algorithm | Fu Bo Jiang Huanjun(58) |
| Dynamic performance test of low-rise concrete shear wall with single layer of web reinforcement and inclined steel bars | Zhang Jianwei Zheng Wenbin Cao Wanlin Dong Hongying(65) |
| Sensitivity analysis of parameters for vibration frequency of long-span asymmetric suspension bridge | Yang Guojun Du Yongfeng Tang Guangwu Hao Xianwu Li Ziqing(72) |
| Improved nonlinear displacement ratio of self-centering buckling-restrained bracing structure considering trilinear hysteresis behavior | Liu Lu Liu Yue(80) |
| Study on mechanical property the of new type viscous dampers with shock resistance | Li Xuehong Li Wenlin Xu Xiuli Zhou Xuxu Li Zhijun(85) |
| FEA of hysteretic behavior of concrete filled double-skin steel tubular column after exposed to fire | Liu Xiao Xu Jianye Wang Yi(92) |

| | |
|--|---|
| Study on bond-slip model of sprayed frp-concrete interface | Yang Zhao Li Jiajia Liu Yong(98) |
| Simulation and preliminary analysis of collision process between adjacent RC frame structures during earthquake | Yang Yongqiang Xie LiLi Dai Junwu(104) |
| Passive control research on symmetrical twin tower buildings connected with Kelvin dampers | Wu Qiaoyun Xiao Shiye Zhu Hongping(109) |
| An adaptive zooming method for nonlinear dynamic analysis | Fang Ming Wang Jian Li Hui(116) |
| Experimental study of RC shear wall with different influence of the aspect ratio on the Aspect Ratio in seismic damage performance | Zhang Hongmei Jiang Xiaoxing(122) |
| Research on shaking table test of transmission tower-line system under near-fault earthquake | Tian Li Liu Juncai Pan Haiyang Niu Yanhong Guo Wei(127) |
| Shaking table test study on earthquake simulation of circulating fan for nuclear power plants | Shi Weixing Bai Ligang Han Jianping(133) |
| Experimental study of seismic behavior on steel plate shear wall with PEC columns | Yin Zhanzhong Li Jinming Zhao Shuaipeng(139) |