

目次

综述

装配式建筑结构顶升逆作法原理与技术发展

肖建庄,徐浩林,郭书浩,曾亮,夏冰,袁斌,蓝戊己(1)

装配式混凝土剪力墙结构接缝连接研究进展 王斌,张静玄,史庆轩,杨州,蔡文哲,张焯(15)

纤维增强复合材料加固混凝土桥梁结构研究进展 梅葵花,王凤轩,孙胜江(31)

钢筋混凝土板柱节点冲切性能研究进展 郑山锁,杜宜阳,梁泽田,宋积含(52)

考虑土-结构相互作用的大跨度空间结构抗震研究进展 曾佳明,朱忠义,吕辉,张成明,李丹(69)

建筑结构

混凝土梁柱节点带锚固板钢筋锚固性能试验研究 易伟建,古攀(83)

不同螺栓等级下共享铁塔挂载连接件承载性能研究 钟炜辉,赵孟军,郑玉辉,房正刚,蒋成(93)

新型分层装配式节点钢框架地震易损性分析 褚云朋,肖雅馨,罗萍,钟燕,陈雪琴(103)

广义圆端形钢管混凝土短柱轴压承载力公式 任志刚,何慧峰,李旗(115)

火灾下双钢管混凝土复合短柱的性能与承载力计算方法 杨青天,多飞,张晋川,侯立群,陈适才(128)

火灾后锈蚀混凝土梁抗弯性能试验研究 巴光忠,郑欣欣,刘才玮,刘浩(138)

钢筋混凝土烟囱洞口受力性能参数分析

张松柯,董志骞,王沙燧,李钢,刘春刚,杨眉,余丁浩,霍林生(146)

贝壳形屋盖风压系数密度峰值聚类分区研究 林拥军,周畅,张曾鹏,余国菲,谢远昂(158)

橡胶混凝土与变形钢筋黏结性能试验研究 颜岩,章德越,马从伟,王迎斌,白应华(171)

基于三维细观模型的玄武岩纤维混凝土数值模拟

熊汪,覃书豪,彭定东,周超,吴辽,王玲玲(181)

CONTENTS

Review

Principle and technical development of jacking reverse construction for prefabricated building structures
 XIAO Jianzhuang, XU Haolin, GUO Shuhao, ZENG Liang, XIA Bing, YUAN Bin, LAN Wuji(1)

Research progress on joint connection of precast concrete shear wall structures
 WANG Bin, ZHANG Jingxuan, SHI Qingxuan, YANG Zhou, CAI Wenzhe, ZHANG Ye(15)

Research progress of fiber reinforced polymer in strengthening concrete bridge structure
 MEI Kuihua, WANG Fengxuan, SUN Shengjiang(31)

Research progress of punching shear performance of reinforced concrete slab-column joints
 ZHENG Shansuo, DU Yiyang, LIANG Zetian, SONG Zhihan(52)

Research progress on seismic resistance of large-span spatial structures considering soil-structure interaction
 ZENG Jiaming, ZHU Zhongyi, LYU Hui, ZHANG Chengming, LI Dan(69)

Building structure

Experimental research on anchorage performance of headed reinforcement in concrete beam-column joints YI Weijian, GU Pan(83)

Load-bearing capacity study of mounting connector of shared tower under different bolt grades
 ZHONG Weihui, ZHAO Mengjun, ZHENG Yuhui, FANG Zhenggang, JIANG Cheng(93)

Seismic fragility analysis of new layered assembled joint in steel frame
 CHU Yunpeng, XIAO Yaxin, LUO Ping, ZHONG Yan, CHEN Xueqin(103)

Formula for axial compressive bearing capacity of generalized round-ended CFST short columns REN Zhigang, HE Huifeng, LI Qi(115)

Performance and bearing capacity calculation method of concrete-filled double steel tubular composite stub columns under fire
 YANG Qingtian, DUO Fei, ZHANG Jinchuan, HOU Liqun, CHEN Shicai(128)

Experimental study on flexural performance of corroded reinforced concrete beams after fire exposure
 BA Guangzhong, ZHENG Xinxin, LIU Caiwei, LIU Hao(138)

Parameter analysis of mechanical performance of reinforced concrete chimney openings
 ZHANG Songke, DONG Zhiqian, WANG Shayi, LI Gang, LIU Chungang, YANG Mei, YU Dinghao, HUO Linsheng(146)

Study on peak density clustering partition of wind pressure coefficient of shell-shaped roofs
 LIN Yongjun, ZHOU Chang, ZHANG Zengpeng, YU Guofei, XIE Yuanang(158)

Experimental study on bond performance between rubber concrete and deformed steel bar
 YAN Yan, ZHANG Deyue, MA Congwei, WANG Yingbin, BAI Yinghua(171)

Numerical simulation of basalt fiber concrete based on 3D mesoscale model
 XIONG Wang, QIN Shuhao, PENG Dingdong, ZHOU Chao, WU Liao, WANG Lingling(181)