

目次

建筑结构

温度与地震作用组合值系数取值研究 范 重,王璐璐,贡金鑫,牟在根,刘 涛,宋丽莉(1)

再生砖骨料地聚物混凝土梁柱节点组合件抗震性能试验研究
..... 许 力,陈 俊,颜桂云,张鹏起,刘如月(12)

装配整体式混凝土框架 U 型梁-柱中节点抗震性能研究 江胜学,徐军林,汤明生,阮子兴,谷 倩(22)

宽柱双梁框架结构体系地震模拟振动台试验研究 王文海,曹大富,费亚东,刘嘉琪,张 颖(35)

冷弯薄壁型钢梁-水泥纤维板组合楼盖振动性能试验研究 王莉萍,庞伟旭,周博洋,李 健(46)

U 型钢包覆混凝土组合梁受弯性能试验与设计方法研究 王静峰,王泽兴,徐文杰,郑齐敬(57)

装配式钢管混凝土节点抗倒塌性能试验研究..... 戎 贤,彭鹤翔,石晓娜,李艳艳(68)

钢管碱激发混凝土叠合柱黏结滑移性能研究..... 任志刚,许天恩,李 旗,冯逸轩(77)

带 PC 填充墙装配式剪力墙抗侧性能试验研究
..... 王小平,熊思麒,鞠洪涛,姜 文,李 涛,李 帆,何诗哲(87)

陆上风机混凝土塔筒基础结构受力机理研究 武晓东,肖 顺,章刘洋,章荣国,方 浩(98)

桥隧工程

车辆撞击下钢拱塔斜拉桥力学性能及损伤分析 年油油,黄 华,丁 航,聂蒙朝(111)

砂层浅埋暗挖连拱隧道复合式半曲墙承载特性研究
..... 魏 进,王微笑,卞海丁,张 巍,王朋路,冯 畅,温 涵(124)

岩土工程

锚索微型桩群在顺层岩质边坡加固中的抗滑特性对比研究
..... 任青阳,王彦丁,王 坤,肖宋强,施 俭(140)

基于 Pasternak 地基模型的微型桩群计算方法研究 郑明新,阮钰华,胡红萍,聂宏智(149)

预制管桩加固软土路堤高速公路改扩建工程效果的离心模型试验研究
..... 张自萌,于春江,李 涛,章定文,郭银河(158)

非对称荷载作用下基坑受力变形特性试验研究..... 丁小文,曾小广,林钊睿,徐长节,丁海滨(167)

基于单元追踪法的上软下硬地层深基坑施工期变形特性研究
..... 徐文田,王艳红,张 宇,梅 源,刘文占,周东波(177)

碎石土高陡填方边坡冻融特性离心试验研究 翁效林,党博涵,杨连祥,胡继波(188)

饱和冻土-钢界面三轴剪切试验及本构模型 董旭光,王振波,吕江飞,唐少容(199)

基于正交设计的岩石相似材料力学性质试验研究 ··· 夏梦灿,陆慧裕,杨晓华,孙巍锋,瓦依提·力提甫(211)

CONTENTS

Building structure

Study on combination value factor of thermal and seismic action	FAN Zhong, WANG Lulu, GONG Jinxin, MU Zaigen, LIU Tao, SONG Lili(1)
Experimental study on seismic performance of recycled brick aggregate geopolymer concrete beam-column joint assembly	XU Li, CHEN Jun, YAN Guiyun, ZHANG Pengqi, LIU Ruyue(12)
Study on seismic behavior of monolithic precast concrete frame U-shaped beam-column joints	JIANG Shengxue, XU Junlin, TANG Mingsheng, RUAN Zixing, GU Qian(22)
Seismic simulation vibration table test study on wide-column double-beam frame structural system	WANG Wenhai, CAO Dafu, FEI Yadong, LIU Jiaqi, ZHANG Ying(35)
Experimental study on vibration performance of cold-formed thin-walled steel beam-cement fiberboard composite floors	WANG Liping, PANG Weixu, ZHOU Boyang, LI Jian(46)
Study on flexural performance test and design method of U-shaped steel-clad concrete composite beam	WANG Jingfeng, WANG Zexing, XU Wenjie, ZHENG Qijing(57)
Experimental study on collapse resistance of prefabricated concrete-filled steel tubular joints	RONG Xian, PENG Hexiang, SHI Xiaona, LI Yanyan(68)
Study on bond-slip behavior of steel tube alkali-activated concrete composite columns	REN Zhigang, XU Tianen, LI Qi, FENG Yixuan(77)
Experimental study on lateral behavior of prefabricated shear wall with PC infilled wall	WANG Xiaoping, XIONG Siqi, JU Hongtao, JIANG Wen, LI Tao, LI Fan, HE Shizhe(87)
Research on stress mechanism of concrete tower foundation structure for onshore wind turbine	WU Xiaodong, XIAO Shun, ZHANG Liuyang, ZHANG Rongguo, FANG Hao(98)

Bridge and tunnel engineering

Mechanical properties and damage analysis of steel arch tower cable-stayed bridge under vehicle impact	NIAN Youyou, HUANG Hua, DING Hang, NIE Mengzhao(111)
Study on bearing characteristics of composite semi-curved wall of shallow buried double-arch tunnel in sand stratum	WEI Jin, WANG Weixiao, BIAN Haiding, ZHANG Wei, WANG Penglu, FENG Chang, WEN Han(124)

Geotechnical engineering

Comparative study on anti-sliding characteristics of anchor cable micro-pile group in bedding rock slope reinforcement	REN Qingyang, WANG Yanding, WANG Kun, XIAO Songqiang, SHI Jian(140)
Research on calculation method of micro-pile group based on Pasternak foundation model	ZHENG Mingxin, RUAN Yuhua, HU Hongping, NIE Hongzhi(149)
Centrifuge model test study on effectiveness of precast pipe pile reinforcement in soft soil embankments for highway widening and reconstruction projects	ZHANG Zimeng, YU Chunjiang, LI Tao, ZHANG Dingwen, GUO Yinhe(158)
Experimental study on force and deformation characteristics of foundation pit under asymmetric load	DING Xiaowen, ZENG Xiaoguang, LIN Zhaorui, XU Changjie, DING Haibing(167)
Research on deformation characteristics of deep excavations in upper-soft and lower-hard composite strata during construction period based on unit tracking method	XU Wentian, WANG Yanhong, ZHANG Yu, MEI Yuan, LIU Wenzhan, ZHOU Dongbo(177)
Centrifugal test study on freeze-thaw characteristics of high-steep fill slope with gravel soil	WENG Xiaolin, DANG Bohan, YANG Lianxiang, HU Jibo(188)
Triaxial shear test and constitutive model of saturated frozen soil-steel interface	DONG Xuguang, WANG Zhenbo, LYU Jiangfei, TANG Shaorong(199)
Experimental study on physical and mechanical properties of rock-like materials based on orthogonal design	XIA Mengcan, LU Huiyu, YANG Xiaohua, SUN Weifeng, LITIFU Wayiti(211)