

目 次

论 文

- 振杆密实法处理湿陷性黄土地基试验研究 刘松玉, 杜广印, 毛忠良, 高常辉, 曾 彪, 杨 泳, 章定文 (1377)
- 填充沟对地铁运营引起地基振动隔振效果研究 蔡袁强, 江乾明, 曹志刚, 袁宗浩, 楼佳悦, 张盈哲 (1384)
- 冻融条件下加筋碎石桩复合地基路堤性状研究 陈建峰, 顾子昂, 王兴涛, 牛富俊, 叶观宝, 冯守中 (1393)
- 缓冲/回填材料——膨润土颗粒及其混合物研究进展 刘樟荣, 崔玉军, 叶为民, 王 琼, 张 召, 陈永贵 (1401)
- 基督城易液化场地震后小应变剪切刚度演化规律研究 周燕国, 沈 涛, 王 越, 丁海军 (1411)
- 平面 P 波入射下海底衬砌隧道地震响应解析分析 朱赛男, 李伟华, Vincent W Lee, 赵成刚 (1418)
- 基于双台阵模拟地震空间差动效应的模型箱参数解析 禹海涛, 陈希卓, 李 攀 (1428)
- 地铁车站结构端部效应影响范围研究 王国波, 郝朋飞, 孙富学 (1435)
- 分数阶黏弹性地基中洞周超孔隙水压力消散特性分析 黄明华, 胡可馨, 赵明华 (1446)
- 岩土工程简化可靠度设计方法——修正分位数法 杨智勇, 唐 栋, 张 蕾, 祁小辉 (1456)
- 软土区双线盾构施工引起的土体变形及孔压研究 丁 智, 洪哲浩, 冯丛烈, 魏新江, 徐 涛, 王 涛 (1465)
- 一种模拟节点达西渗透流速的双重网格多尺度有限单元法 赵文凤, 谢一凡, 吴吉春 (1474)
- 基于耐震时程分析法的地下结构抗震性能评价 钟紫蓝, 甄立斌, 申轶尧, 赵 密, 杜修力 (1482)
- 基于对数骨架曲线的时域本构及其应用 董 青, 苏 杰, 周正华, 李小军 (1491)
- 薄层充填岩石节理剪胀特性试验研究 肖维民, 余 欢, 朱占元, 李 锐, 刘伟超 (1499)
- 基于单试件法的节理岩体抗剪强度参数分析 邓华锋, 熊 雨, 肖 瑶, 齐 豫, 李 涛, 许晓亮 (1509)
- 考虑蠕变影响的深部煤体分数阶渗透率模型研究 张 雷, 周宏伟, 王向宇, 荣腾龙, 王路军, 车 俊, 王 雷 (1516)
- 不同阳离子对泥水盾构泥浆稳定性影响试验研究 孙金鑫, 钟小春, 付 伟, 罗近海, 邓有春 (1525)
- 管土界面摩擦疲劳效应对深水井口导管贯入阻力的影响 王 腾, 何家龙, 刘锦昆 (1532)
- 细观结构的非均质性对花岗岩强度及变形影响的颗粒流模拟 胡训健, 卞 康, 谢正勇, 刘 建, 陈 明, 李冰洋 (1540)
- 致密砂岩水平井多裂缝扩展及转向规律研究 夏彬伟, 刘 浪, 彭子烨, 高玉刚 (1549)

短 文

- 基于电机双轴加载的中小型隧道物理模拟试验系统研制与应用 李元海, 刘德柱, 杨 硕 (1556)
- 大型贯穿层间错动带尺寸效应研究 张春生, 沈俊良, 褚卫江, 刘 宁, 石安池 (1564)
- 基于级配方程的粗粒土渗透系数经验公式及其验证 包孟碟, 朱俊高, 吴二鲁, 王 龙, 陈 鸽 (1571)

简 讯

- 2020 年黄文熙讲座 (第 23 讲) 学术报告会成功举行 (1400)
- 岩土及地下工程教育部重点实验室 (同济大学) 2020 年度开放课题申请指南 (1417)
- 《岩土工程学报》征订启事 (1455)
- 本期广告索引 (1464)
- 《岩土工程学报》第十二届编委会名单 (扉页 I)
- 征稿简则 (扉页 II)

CONTENTS

PAPERS

- Field tests on improvement of collapsible loess by vibratory probe compaction method
 LIU Song-yu, DU Guang-yin, MAO Zhong-liang, GAO Chang-hui, ZENG Biao, YANG Yong, ZHANG Ding-wen (1377)
- Vibration-isolation effectiveness of in-filled trench on ground vibration induced by subway operation
 CAI Yuan-qiang, JIANG Qian-ming, CAO Zhi-gang, YUAN Zong-hao, LOU Jia-yue, ZHANG Ying-zhe (1384)
- Behaviour of embankment on composite foundation with geosynthetic-encased stone columns under freeze-thaw condition
 CHEN Jian-feng, GU Zi-ang, WANG Xin-tao, NIU Fu-jun, YE Guan-bao, FENG Shou-zhong (1393)
- Advances in researches on buffer/backfilling materials—bentonite pellets and pellet mixtures
 LIU Zhang-rong, CUI Yu-jun, YE Wei-min, WANG Qiong, ZHANG Zhao, CHEN Yong-gui (1401)
- Post-earthquake evolution of small-strain shear stiffness at liquefiable deposit in Christchurch
 ZHOU Yan-guo, SHEN Tao, WANG Yue, DING Hai-jun (1411)
- Seismic response of undersea lining tunnels under incident plane P waves
 ZHU Sai-nan, LI Wei-hua, Vincent W Lee, ZHAO Cheng-gang (1418)
- Analytical solution for design parameters of model box to simulate seismic spatial variability effect using double-array shaking tables
 YU Hai-tao, CHEN Xi-zhuo, LI Pan (1428)
- Spatial influence scope of end wall of metro station structures WANG Guo-bo, HAO Peng-fei, SUN Fu-xue (1435)
- Dissipation characteristics of excess pore-water pressure around tunnels in viscoelastic foundation using a fractional-derivative model
 HUANG Ming-hua, HU Ke-xin, ZHAO Ming-hua (1446)
- Simplified reliability-based design method for geotechnical structures—modified quantile value method
 YANG Zhi-yong, TANG Dong, ZHANG Lei, QI Xiao-hui (1456)
- Soil deformation and excess pore water pressure caused by excavation of twin-bored tunnels in soft soil
 DING Zhi, HONG Zhe-hao, FENG Cong-lie, WEI Xin-jiang, XU Tao, WANG Tao (1465)
- A dual-mesh multiscale finite element method for simulating nodal Darcy velocities in aquifers
 ZHAO Wen-feng, XIE Yi-fan, WU Ji-chun (1474)
- Seismic performance evaluation of underground structures using endurance time analysis
 ZHONG Zi-lan, ZHEN Li-bin, SHEN Yi-yao, ZHAO Mi, DU Xiu-li (1482)
- Time-domain constitutive model based on logarithmic skeleton curve and its application
 DONG Qing, SU Jie, ZHOU Zheng-hua, LI Xiao-jun (1491)
- Experimental study on shear dilatancy characteristics of thinly-infilled rock joints
 XIAO Wei-min, YU Huan, ZHU Zhan-yuan, LI Rui, LIU Wei-chao (1499)
- Shear strength parameters of jointed rock mass based on single test sample method
 DENG Hua-feng, XIONG Yu, XIAO Yao, QI Yu, LI Tao, XU Xiao-liang (1509)
- Fractional permeability model for deep coal considering creep effect
 ZHANG Lei, ZHOU Hong-wei, WANG Xiang-yu, RONG Teng-long, WANG Lu-jun, CHE Jun, WANG Lei (1516)
- Experimental study on effects of different cations on stability of slurry within slurry shield
 SUN Jin-xin, ZHONG Xiao-chun, FU Wei, LUO Jin-hai, DENG You-chun (1525)
- Influences of friction fatigue effects of conductor-soil interface on penetration resistance of conductor of wellhead in deep water
 WANG Teng, HE Jia-long, LIU Jin-kun (1532)
- Influence of meso-structure heterogeneity on granite strength and deformation with particle flow code
 HU Xun-jian, BIAN Kang, XIE Zheng-yong, LIU Jian, CHEN Ming, LI Bing-yang (1540)
- Multi-fracture propagation and deflection laws of horizontal wells in tight sandstone
 XIA Bin-wei, LIU Lang, PENG Zi-ye, GAO Yu-gang (1549)

NOTES

- Development and application of physical simulation test system for small and medium-sized tunnels based on biaxial motor loading
 LI Yuan-hai, LIU De-zhu, YANG Shuo (1556)
- Size effects of large penetrable bedding fault zone ... ZHANG Chun-sheng, SHEN Jun-liang, CHU Wei-jiang, LIU Ning, SHI An-chi (1564)
- Empirical formula for permeability coefficient of coarse grained soil based on gradation equation and its verification
 BAO Meng-die, ZHU Jun-gao, WU Er-lu, WANG Long, CHEN Ge (1571)

NEWS

- (1400, 1417, 1455, 1464)
- Members of Editorial Board of Chinese Journal of Geotechnical Engineering** (head page I)
- Invitation for original papers** (head page II)