

目 次

论 文

基于模糊故障树的盾构隧道施工成本风险评估 郑俊杰, 林池峰, 赵冬安, 丁烈云 (501)

砂砾土液化判别的基本方法及计算公式 袁晓铭, 曹振中 (509)

海陆交互相沉积软土固结效应 陈晓平 (520)

基于能量原理的压力型锚杆数值模拟计算 赵明华, 刘思思, 黄利雄, 廖彬彬 (529)

软土地区大吨位超长试桩试验设计与分析 张忠苗, 张乾青, 张广兴, 施茂飞 (535)

任意滑动面搜索新方法应用于三维复杂土坡稳定性分析 李 亮, 邓东平, 赵炼恒 (544)

城市固体废弃物残余变形特性试验研究 邹德高, 赵 阳, 徐 斌, 孔宪京, 王 强 (554)

砂土对埋设管线约束作用的模型试验研究 刘 润, 闫澍旺, 王洪播, 张 军, 徐 余 (559)

青藏铁路沿线热融沟发展特征及其对路基热稳定性的影响 林战举, 牛富俊, 徐志英, 刘 华 (566)

不排水桩复合地基固结解析解 卢萌盟, 谢康和, 周国庆, 郭 彪 (574)

盐岩拉伸破坏力学特性的试验研究 刘建锋, 徐 进, 杨春和, 侯正猛 (580)

岩石变形光栅检测的表面粘贴法及应变传递分析 魏世明, 柴 敬 (587)

地下框架结构抗震性能评价方法的研究 王国波, 谢伟平, 孙 明, 刘卫国 (593)

单一组分与多组分城市生活垃圾孔隙率特性对比研究 徐晓兵, 李育超, 詹良通, 陈云敏 (599)

土体耗散势的不存在与不可解耦 周家伍, 刘元雪, 陆 新, 郑颖人 (607)

高位厚硬顶板断裂与矿震预测的关系探讨 王 平, 姜福兴, 冯增强, 王道宗 (618)

双层堤基管涌发生发展的试验模拟与分析 梁 越, 陈建生, 陈 亮, 沈坚强 (624)

短 文

上海黏土一维压缩特性的试验研究 吴宏伟, 李 青, 刘国彬 (630)

结构性软土三维弹性损伤本构模型研究 刘汉龙, 肖 杨, 崔允亮 (637)

基于多元联系数—三角模糊数随机模拟的围岩稳定性风险评价 汪明武, 陈光怡, 金菊良 (643)

离子土固化剂改良膨胀土的机理研究 刘清秉, 项 伟, 崔德山, 曹李靖 (648)

有机质对草炭土物理力学性质影响的机理分析 吕 岩, 佴 磊, 徐 燕, 刘 飞, 张 敏 (655)

红砂岩嵌岩桩桩-岩界面摩阻特性试验研究 王启云, 熊智彪, 张家生, 陈晓斌 (661)

开挖对边坡变形影响的离心模型试验研究 李 明, 张 嘎, 李焯芬, 张建民 (667)

简 讯

《重大工程动力灾变》“强地震动场、地下结构抗震、高坝抗震”项目群 2011 年春学术交流会 (第二号通知) (508)

中国土木工程学会 2011 年度学术活动计划表 (岩土工程及相关主题) (558, 573, 617)

勘误 (598)

本期广告索引 (672)

其他简讯 (636)

《岩土工程学报》第十届编委会名单 (扉页 I)

征稿简则 (扉页 II)

CONTENTS

PAPERS

- Risk assessment of shield tunnel construction cost using fuzzy fault tree ZHENG Jun-jie, LIN Chi-feng, ZHAO Dong-an, DING Lie-yun (501)
- Fundamental method and formula for evaluation of liquefaction of gravel soil YUAN Xiao-ming, CAO Zhen-zhong (509)
- Consolidation effect of soft soil in interactive marine and terrestrial deposit CHEN Xiao-ping (520)
- Numerical simulation of pressure-type anchor based on energy principle ZHAO Ming-hua, LIU Si-si, HUANG Li-xiong, LIAO Bin-bin (529)
- Large tonnage tests on super-long piles in soft soil area ZHANG Zhong-miao, ZHANG Qian-qing, ZHANG Guang-xing, SHI Mao-fei (535)
- Application of new method of arbitrary sliding surface search to stability analysis of complex three-dimensional slopes LI Liang, DENG Dong-ping, ZHAO Lian-heng (544)
- Experimental study on residual deformation behaviors of municipal solid waste ZOU De-gao, ZHAO Yang, XU Bin, KONG Xian-jing, WANG Qiang (554)
- Model tests on soil restraint to pipelines buried in sand LIU Run, YAN Shu-wang, WANG Hong-bo, ZHANG Jun, XU Yu (559)
- Developing features of thaw grooves and their influence on stability of roadbed along Qinghai-Tibet Railway LIN Zhan-ju, NIU Fu-jun, XU Zhi-ying, LIU Hua (566)
- Analytical solution for consolidation of composite ground with impervious pile LU Meng-meng, XIE Kang-he, ZHOU Guo-qing, GUO-Biao (574)
- Mechanical characteristics of tensile failure of salt rock LIU Jian-feng, XU Jin, YANG Chun-he, HOU Zheng-meng (580)
- Surface pasting methods and analyses of strain transfer in rock deformation tests using FBG WEI Shi-ming, CHAI Jing (587)
- Evaluation method for seismic behaviors of underground frame structures WANG Guo-bo, XIE Wei-ping, SUN Ming, LIU Wei-guo (593)
- Comparative study on porosity for municipal solid wastes with single- and multi-component biodegradations XU Xiao-bing, LI Yu-Chao, ZHAN Liang-tong, CHEN Yun-min (599)
- Inexistence and un-decoupling of dissipation potential for geo-materials ZHOU Jia-wu, LIU Yuan-xue, LU Xin, ZHENG Ying-ren (607)
- Relationship between fracture of high-position thick and hard roof and mine quake forecast WANG Ping, JIANG Fu-xing, FENG Zeng-qiang, WANG Dao-zong (618)
- Laboratory tests and analysis on piping in two-stratum dike foundation LIANG Yue, CHEN Jian-sheng, CHEN Liang, SHEN Jian-qiang (624)

NOTES

- Characteristics of one-dimensional compressibility of Shanghai clay NG C W W, LI Qing, LIU Guo-bin (630)
- Elasto-plastic damage constitutive model in three-dimensional stress space for structured soft soils LIU Han-long, XIAO Yang, CUI Yun-liang (637)
- Risk evaluation of surrounding rock stability based on stochastic simulation of multi-element connection number and triangular fuzzy numbers WANG Ming-wu, CHEN Guang-yi, JIN Ju-liang (643)
- Mechanism of expansive soil improved by ionic soil stabilizer LIU Qing-bing, XIANG Wei, CUI De-shan, CAO Li-jing (648)
- The mechanism of organic matter effect on physical and mechanical properties of turfy soil LÜ Yan, NIE Lei, XU Yan, LIU Fei, ZHENG Min (655)
- Model tests on resistance behaviors of rock-concrete interface of rock-socketed piles in red-sandstone rock WANG Qi-yun, XIONG Zhi-biao, ZHANG Jia-sheng, CHEN Xiao-bin (661)
- Centrifugal model tests on excavation-induced deformation of slopes LI Ming, ZHANG Ga, LEE C F, ZHANG Jian-min (667)

NEWS

- Members of Editorial Board of Chinese Journal of Geotechnical Engineering (head page I)
- Invitation for original papers (head page II)