

岩土工程学报

Chinese Journal of Geotechnical Engineering

第 43 卷 第 5 期 (总 364 期)
Vol. 43 No. 5 (Total 364)

5

2021

主 办

中 国 水 利 学 会	中 国 土 木 工 程 学 会
中 国 力 学 学 会	中 国 建 筑 学 会
中 国 水 力 发 电 工 程 学 会	中 国 振 动 工 程 学 会

ISSN 1000-4548



目次

论 文

换填及排水改造对北疆输水渠道稳定性的影响 邓铭江, 蔡正银, 郭万里, 黄英豪, 张 晨 (789)

地下连续墙成槽整体稳定性的工程评价方法 黄茂松, 王鸿宇, 谭廷震, 李耀良 (795)

基坑施工对邻近运营隧道变形影响全过程实测分析 许四法, 周奇辉, 郑文豪, 朱永强, 王 哲 (804)

山岭隧道洞口段地表沉降时序预测研究 王述红, 朱宝强 (813)

频发微震下含水率对堆积体斜坡动力响应规律及失稳模式的影响 杨忠平, 李诗琪, 李万坤, 李 进, 胡元鑫 (822)

剪切速率和法向加载频率对筋土界面剪切特性的影响 刘飞禹, 朱 晨, 王 军 (832)

冻融环境下红砂岩三轴蠕变特性及其模型研究 宋勇军, 张磊涛, 任建喜, 陈佳星, 车永新, 杨慧敏, 毕 冉 (841)

基于改进最小势能法的水平-竖向立体筋边坡稳定性分析研究 蒋建国, 陈 媛, 刘孙光, 赵发嘉 (850)

移动荷载作用下横观各向同性层状地基-薄板结构动力响应半解析研究 冯 多, 徐林荣, 蔡 雨, 苏 娜 (858)

自升式平台插桩对邻近平台桩基础的影响研究 张海洋, 刘 润, 贾沼霖 (867)

单薄山体岩质高边坡爆破振动响应分析及安全控制 孙鹏昌, 卢文波, 雷 振, 陈 明, 李瑞泽, 李福千 (877)

考虑颗粒破碎的钙质砂界面循环本构模型 王兆南, 王 刚, 叶沁果, 查京京 (886)

不同物态配比碱渣-粉煤灰混合料强度特性 马加骁, 闫 楠, 白晓宇, 张明义, 刘俊伟, 王永洪 (893)

一种基于交界面的饱和软黏土弹塑性动本构模型 冯双喜, 雷华阳 (901)

基于 LBM-IMB-DEM 分析岩土多孔介质的渗透淤堵特性 金 磊, 曾亚武, 程 涛, 李晶晶 (909)

焦点论坛

岩土工程安全系数法稳定分析中的荷载与抗力 李广信 (918)

短 文

成都地区中等风化泥岩地基承载力取值试验研究 郑立宁, 陈继彬, 周其健, 冯世清, 罗益斌, 沈 攀 (926)

基于电镜成像原理的黏土微结构参数提取方法 申志福, 孙天佑, 白宇帆, 蒋明镜, 周 峰 (933)

基于 FBG 技术的增材制造土体内部变形特征研究 王南苏, 洪成雨, 朱 旻, 张一帆, 王 俊 (940)

饱和黏土中不同刚度单桩水平循环加载离心试验 李 森, 俞 剑, 黄茂松 (948)

不同膜厚复合土工膜的蠕变特性及模型研究 杨 武, 侍克斌, 何建新, 刘 亮, 杨海华 (955)

不同温度下水化针刺 GCL+GM 复合衬里的剪切特性 韩卓韦, 林 海, 施建勇 (962)

基于岩芯图像深度学习的矿山岩体质量精细化评价 刘飞跃, 刘一汉, 杨天鸿, 信俊昌, 张鹏海, 董 鑫, 张海涛 (968)

讨 论

“矢量和法”抗滑稳定计算模型的力学概念错误 孙建生 (975)

简 讯

书评:《基础设计中的模型误差》 (803)

第三届全国软土工程学术会议第一号通知(征文) (812)

彩色插图索引 (840)

《岩土工程学报》征订启事 (939)

勘 误 (954)

《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

- Influences of filling replacement and drainage modification on stability of water conveyance canals in North Xinjiang
..... DENG Ming-jiang, CAI Zheng-yin, GUO Wan-li, HUANG Ying-hao, ZHANG Chen (789)
- Engineering evaluation method for overall stability of slurry trenches
..... HUANG Mao-song, WANG Hong-yu, TAN Ting-zhen, LI Yao-liang (795)
- Influences of construction of foundation pits on deformation of adjacent operating tunnels in whole process based on monitoring data
..... XU Si-fa, ZHOU Qi-hui, ZHENG Wen-hao, ZHU Yong-qiang, WANG Zhe (804)
- Time series prediction for ground settlement in portal section of mountain tunnels WANG Shu-hong, ZHU Bao-qiang (813)
- Effect of moisture content on dynamic response law and failure mode of accumulation slopes under frequent micro-seismic actions
..... YANG Zhong-ping, LI Shi-qi, LI Wan-kun, LI Jin, HU Yuan-xin (822)
- Influences of shear rate and loading frequency on shear behavior of geogrid-soil interfaces ... LIU Fei-yu, ZHU Chen, WANG Jun (832)
- Triaxial creep properties and model of red sandstone under freeze-thaw environment
..... SONG Yong-jun, ZHANG Lei-tao, REN Jian-xi, CHEN Jia-xing, CHE Yong-xin, YANG Hui-min, BI Ran (841)
- Stability analysis of horizontal-vertical ribs-reinforced slopes based on improved minimum potential energy method
..... JIANG Jian-guo, CHEN Yuan, LIU Sun-guang, ZHAO Fa-jia (850)
- Semi-analytical solution to dynamic response of transversely isotropic layered foundation-thin plate structure under moving loads
..... FENG Duo, XU Lin-rong, CAI Yu, SU Na (858)
- Investigation of effect of spudcan penetration on adjacent platform piles ZHANG Hai-yang, LIU Run, JIA Zhao-lin (867)
- Blasting vibration response and control of high rock slopes of thin mountain
..... SUN Peng-chang, LU Wen-bo, LEI Zhen, CHEN Ming, LI Rui-ze, LI Fu-qian (877)
- Cyclic bounding surface model for carbonate sand incorporating particle breakage
..... WANG Zhao-nan, WANG Gang, YE Qin-guo, ZHA Jing-jing (886)
- Strength characteristics of soda residue-fly ash mixture with different proportions and phases
..... MA Jia-xiao, YAN Nan, BAI Xiao-yu, ZHANG Ming-yi, LIU Jun-wei, WANG Yong-hong (893)
- An elastoplastic dynamic constitutive model for saturated soft clay based on bounding surface theory
..... FENG Shuang-xi, LEI Hua-yang (901)
- Seepage clogging characteristics of rock and soil porous media using LBM-IMB-DEM simulation method
..... JIN Lei, ZENG Ya-wu, CHENG Tao, LI Jing-jing (909)

TRIBUNE FOR FOCUSED DISPUTE

- Load and resistance in stability analysis of geotechnical engineering with safety factor method LI Guang-xin (918)

NOTES

- Experimental study on bearing capacity of moderately weathered mudstone in Chengdu area
..... ZHENG Li-ning, CHEN Ji-bin, ZHOU Qi-jian, FENG Shi-qing, LOU Yi-bin, SHEN Pan (926)
- Extraction method for micro-structure parameters of clay based on imaging principles of scanning electron microscope
..... SHEN Zhi-fu, SUN Tian-you, BAI Yu-fan, JIANG Ming-jing, ZHOU Feng (933)
- Internal deformation characteristics of soil samples in additive manufacturing based on FBG technology
..... WANG Nan-su, HONG Cheng-yu, ZHU Min, ZHANG Yi-fan, WANG Jun (940)
- Centrifuge test on single pile with different rigidities in saturated clay under cyclic lateral loading
..... LI Sen, YU Jian, HUANG Mao-song (948)
- Creep characteristics and model study of composite geomembrane with different film thicknesses
..... YANG Wu, SHI Ke-bin, HE Jian-xin, LIU Liang, YANG Hai-hua (955)
- Shear characteristics of hydrated needle-punched GCL+GM composite liners at different temperatures
..... HAN Zhuo-wei, LIN Hai, SHI Jian-yong (962)
- Meticulous evaluation of rock mass quality in mine engineering based on machine learning of core photos
..... LIU Fei-yue, LIU Yi-han, YANG Tian-hong, XIN Jun-chang, ZHANG Peng-hai, DONG Xin, ZHANG Hai-tao (968)

DISCUSSIONS

- Mechanical concept errors in anti-sliding stability computational model of "vector sum method" SUN Jian-sheng (975)

NEWS

- (803, 812, 840, 939, 954)

- Members of Editorial Board of Chinese Journal of Geotechnical Engineering (head page I)

- Invitation for original papers (head page II)