

ISSN 1000 - 4548
CODEN YGXUEB

岩土工程学报

Chinese Journal of Geotechnical Engineering

第 44 卷 第 9 期 (总 382 期)
Vol. 44 No. 9 (Total 382)

9

2022

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

水平推覆作用下土-地下结构反应特性研究 景立平, 徐琨鹏, 程新俊, 梁海安, 宾 佳 (1567)

基于 Pasternak 地基模型的断层错动下管线结构纵向响应的解析解 陶连金, 王志岗, 石 城, 安 韶, 贾志波 (1577)

基于刚性块体离散的边坡稳定极限分析法 汪小刚, 林兴超 (1587)

相对密实度对沉贯中吸力基础桶壁-砂土界面力学特性的影响 李大勇, 侯新宇, 张雨坤, 高玉峰 (1598)

岩石裂隙内浆液-水两相流可视化试验与驱替规律研究 李 博, 王 晔, 邹良超, 杨 磊 (1608)

循环交通荷载作用下饱和和重塑黄土变形特性研究 翁效林, 胡继波, 贾 阳, 周尚琪 (1617)

基于仿射速度矩阵改进物质点法的大位移滑坡研究 钟祖良, 贺凯源, 宋宜祥, 郑 勇 (1626)

多年冻土区桥梁桩基础抗震性能及影响因素分析 张熙胤, 王万平, 于生生, 管嘉达, 秦训才 (1635)

隧道静力失稳的加卸载响应比判据及安全系数 谭绪凯, 高 峰, 徐 伟 (1644)

考虑黏土片不规则形状的黏土离散元模拟方法 申志福, 张栩银, 高 峰, 王志华, 高洪梅 (1654)

基于重复分凝成冰作用提高季冻区重金属污染黏性土淋洗效率的研究
..... 张 军, 吴 涛, 芮大虎, 张海洋, 李国玉, 伊藤 让, 罗明镜 (1663)

基于 NMR 耦合实时渗流的砂岩渗透特性研究 田佳丽, 王惠民, 刘星星, 向 雷, 盛金昌, 罗玉龙, 詹美礼 (1671)

考虑黏土-结构接触变形的剪切-渗流耦合试验 谈家诚, 沈振中, 张宏伟, 徐力群, 李国辉 (1679)

高应力厚煤层大巷孤立煤体蠕变失稳冲击机理及防治研究
..... 王高昂, 朱斯陶, 姜福兴, 李士栋, 刘金海, 周 涛, 宁廷洲, 李 欢, 孔 震 (1689)

非均质复合岩巷围岩破坏机理及底鼓控制技术 张 栋, 柏建彪, 闫 帅, 王 瑞, 孟宁康, 王共元 (1699)

降雨作用下黄土填方区交界面水分迁移及沉降规律研究 赵文赫, 杨秀娟, 王宝仲, 樊恒辉, 孟敏强, 朱 振 (1710)

基于神经网络的改进型土壤水分光纤感测技术研究 刘喜凤, 朱鸿鹄, 王家琛, 吴 冰, 李 杰, 曹鼎峰, 施 斌 (1721)

焦点论坛

土力学发展的四个阶段的思考 杨光华 (1730)

短 文

土工织物应用于新型压密注浆土钉的试验研究 张 升, 彭 锐, 叶新宇, 李 煜, 刘 蔚 (1733)

法向卸荷条件下非贯通节理岩体剪切力学特性试验研究 杨 超, 蒋溟南, 岳六一, 王乐华, 骆祚森, 王瑞红 (1741)

偏心瞬态激振下基桩横向和竖向振动分析 卢志堂, 王志亮, 柯宅邦, 熊 峰, 刘东甲, 谭晓慧 (1751)

讨 论

对《“矢量和法”抗滑稳定计算模型的力学概念错误》一文的回应 郭明伟, 李春光, 刘艳章, 吴振君, 邓 琴 (1760)

简 讯

第十四届全国岩土力学数值分析与解析方法研讨会 (第二号通知) (1586)

岩土工程西湖论坛(2022): 海洋岩土工程 (第二号通知) (1607)

中国土木工程学会第十四届全国土力学及岩土工程学术大会 (第一号通知) (1643)

彩色插图索引 (1720)

《岩土工程学报》征订启事 (1750)

《岩土工程学报》第十三届编委会名单 (扉页 I)

征稿简则 (扉页 II)

CONTENTS

PAPERS

- Response characteristics of soil – underground structures under horizontal pushover JING Li-ping, XU Kun-peng, CHENG Xin-jun, LIANG Hai-an, BIN Jia (1567)
- Analytical solution for longitudinal response of pipeline structure under fault dislocation based on Pasternak foundation model TAO Lian-jin, WANG Zhi-gang, SHI Cheng, AN Shao, JIA Zhi-bo (1577)
- Limit analysis method for slope stability based on discretization of rigid blocks WANG Xiao-gang, LIN Xing-chao (1587)
- Effects of relative densities on mechanical characteristics of interface between sand and suction caisson during penetration LI Da-yong, HOU Xin-yu, ZHANG Yu-kun, GAO Yu-feng (1598)
- Displacement laws of grout-water two-phase flow in a rough-walled rock fracture through visualization tests LI Bo, WANG Ye, ZOU Liang-chao, YANG Lei (1608)
- Deformation characteristics of saturated remolded loess under cyclic traffic loads WENG Xiao-lin, HU Ji-bo, JIA Yang, ZHOU Shang-qi (1617)
- Large-displacement landslides based on affine velocity matrix-improved material point method ZHONG Zu-liang, HE Kai-yuan, SONG Yi-xiang, ZHENG Yong (1626)
- Seismic performance and influencing factors of pile foundation of bridges in permafrost regions ZHANG Xi-yin, WANG Wan-ping, YU Sheng-sheng, GUAN Jia-da, QIN Xun-cai (1635)
- Static instability criterion and safety factor of tunnels based on loading/unloading response ratio TAN Xu-kai, GAO Feng, XU Wei (1644)
- Discrete element method for clay considering irregular planar shape of clay platelets SHEN Zhi-fu, ZHANG Xu-yin, GAO Feng, WANG Zhi-hua, GAO Hong-mei (1654)
- Improving washing efficiency of heavy metal-contaminated clayey soils based on repeated ice-segregation in seasonal frozen areas ZHANG Jun, WU Tao, RUI Da-hu, ZHANG Hai-yang, LI Guo-yu, ITO Yzu-ru, LUO Ming-jing (1663)
- Permeability characteristics of sandstone based on NMR-coupled real-time seepage TIAN Jia-li, WANG Hui-min, LIU Xing-xing, XIANG Lei, SHENG JIN-chang, LUO Yu-long, ZHAN Mei-li (1671)
- Experiment study on shear-seepage coupling of clayey soil-structure interface considering contact deformation TAN Jia-cheng, SHEN Zhen-zhong, ZHANG Hong-wei, XU Li-qun, LI Guo-hui (1679)
- Creep instability rock burst mechanism and prevention technology of isolated coal mass in roadways of high-stress thick coal seam WANG Gao-ang, ZHU Si-tao, JIANG Fu-xing, LI Shi-dong, LIU Jin-hai, ZHOU Tao, NING Ting-zhou, LI Huan, KONG Zhen (1689)
- Failure mechanism of surrounding rock and control of floor heave in heterogeneous composite rock roadway ZHANG Dong, BAI Jian-biao, YAN Shuai, WANG Rui, MENG Ning-kang, WANG Gong-yuan (1699)
- Laws of water migration and settlement at interface in loess filled areas under rainfalls ZHAO Wen-he, YANG Xiu-juan, WANG Bao-zhong, FAN Heng-hui, MENG Min-qiang, ZHU Zhen (1710)
- Improved fiber optic sensing technology of soil moisture based on neural network LIU Xi-feng, ZHU Hong-hu, WANG Jia-chen, WU Bing, LI Jie, CAO Ding-feng, SHI Bin (1721)

TRIBUNE FOR FOCUSED DISPUTE

- Thinking of four stages of development of soil mechanics YANG Guang-hua (1730)

NOTES

- Experimental evaluation of performance of compaction-grouted soil nails using geotextile ZHANG Sheng, PENG Rui, YE Xin-yu, LI Yu, LIU Wei (1733)
- Shear mechanical properties of rock mass with discontinuous joints under unloading normal stress YANG Chao, JIANG Hao-nan, YUE Liu-yi, WANG Le-hua, LUO Zuo-sen, WANG Rui-hong (1741)
- Lateral and vertical vibrations of a pile subjected to eccentric transient excitation LU Zhi-tang, WANG Zhi-liang, KE Zhai-bang, XIONG Feng, LIU Dong-jia, TAN Xiao-hui (1751)

DISCUSSIONS

- Reply to “Mechanical concept errors in anti-sliding stability computational model of vector sum method” GUO Ming-wei, LI Chun-guang, LIU Yan-zhang, WU Zhen-jun, DENG Qin (1760)

NEWS (1586, 1607, 1643, 1720, 1750)

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

Invitation for original papers (head page II)