

目次

论 文

基于 CPTU 测试的 K_0 固结黏土中静压桩时变承载力研究 李镜培, 李 林, 孙德安, 龚卫兵 (193)

SJP 注浆浆液水化进程与流变特性研究 裴向军, 张佳兴, 王文臣, 杨福田 (201)

考虑内部摩擦变形耗能的预应力锚索边坡极限分析 夏元友, 陈春舒 (210)

隧道三维电阻率 E-SCAN 超前探测反演与优化方法研究 ... 王传武, 李术才, 聂利超, 刘 斌, 郭 谦, 任玉晓, 刘海东 (218)

基于影响带观测的加筋土坡稳定性分析 胡幼常, 靳少卫, 宋 亮, 毛爱民, 刘 杰 (228)

岩石平行偏置裂纹相互作用规律分析 朱帝杰, 陈忠辉, 席婧仪, 杨登峰 (235)

基于管土接触特性的顶进力计算模型分析 张 鹏, 马保松, 曾 聪, 谈力昕 (244)

真空-电渗联合加固技术的固结试验研究 孙召花, 余湘娟, 高明军, 吴 坤 (250)

流变岩体中任意形状隧道分部开挖响应的理论解 王华宁, 骆莉莎, 蒋明镜 (259)

上海地区软土 HSS 模型参数的试验研究 梁发云, 贾亚杰, 丁钰津, 黄茂松 (269)

EPS 混合土的动模量和阻尼比特性 高洪梅, 沈艳青, 王志华, 陈国兴 (279)

等向应力条件下原状 Q_3 黄土的渗气特性研究 陈存礼, 张登飞, 张 洁, 陈 惠, 杨 帆, 吴 康 (287)

动态承压水作用下深基坑底部弱透水层的出逸比降解析研究 章丽莎, 应宏伟, 谢康和, 王小刚, 朱成伟 (295)

三维局部场地对地震波的散射 IBIEM-FEM 耦合模拟 刘中宪, 黄 磊, 梁建文 (301)

玄武岩纤维混凝土隧道衬砌承载特性模型试验研究 崔光耀, 王道远, 倪嵩陟, 朱长安, 袁金秀, 周济民 (311)

土工格栅返包土工袋加筋土挡墙的地震响应分析及设计建议 朱宏伟, 姚令侃, 陈晓龙, 项 琴 (319)

多维反滤回灌井室内稳定流试验研究 李旺林, 尹志远, 刘占磊, 魏鹏昆, 何家鹏 (327)

摩擦型能源桩荷载-温度现场联合测试与承载性状分析 路宏伟, 蒋 刚, 王 昊, 洪 鑫, 史春乐, 龚红卫, 刘伟庆 (334)

短 文

层状横观各向同性地基中埋置刚性基础的平面外动力刚度系数 巴振宁, 梁建文, 胡黎明 (343)

移动荷载下正交各向异性地基无限大板的动力响应 张春丽, 王 博, 祝彦知 (352)

考虑任意初始条件的均质土质覆盖层降雨入渗解析解 邱清文, 詹良通, 黄依艺 (359)

基于混凝土不均匀性面板堆石坝面板损伤分析 徐 斌, 刘小平, 邹德高, 孔宪京, 余 翔 (366)

平行盾构开挖离心机模拟试验研究 缪林昌, 王 非, 吴宏伟, 吕 虎 (373)

非饱和土应力状态变量试验验证研究 张 龙, 陈正汉, 周凤玺, 孙树国, 扈胜霞, 姚志华 (380)

讨 论

关于“论土骨架与渗透力”的讨论 毛昶熙, 段祥宝 (385)

对“论土骨架与渗透力”讨论的答复 李广信 (387)

简 讯

2nd International Symposium on Asia Urban GeoEngineering (the 2nd bulletin & call for abstract) (278)

第八届港口工程技术交流大会暨第十届工程排水与加固技术研讨会 (一号通知征文) (318)

同济大学“土木工程多重灾害实验装置”大科学工程首席科学家招聘启事 (329)

《岩土工程学报》征订启事 (227)

本期广告索引 (258)

《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

- Time-dependent bearing capacity of jacked piles in K_0 consolidated clay based on CPTU tests LI Jing-pei, LI Lin, SUN De-an, GONG Wei-bing (193)
- Hydration process and rheological properties of SJP cement paste PEI Xiang-jun, ZHANG Jia-xing, WANG Wen-chen, YANG Fu-tian (201)
- Limit analysis of reinforced slopes with prestressed anchor cables considering energy dissipation due to deformation of inner friction XIA Yuan-you, CHEN Chun-shu (210)
- 3D E-SCAN resistivity inversion and optimized method in tunnel advanced prediction WANG Chuan-wu, LI Shu-cai, NIE Li-chao, LIU Bin, GUO Qian, REN Yu-xiao, LIU Hai-dong (218)
- Stability analysis of reinforced soil slopes based on observation of reinforcement-effected strip HU You-chang, JIN Shao-wei, SONG Liang, MAO Ai-min, LIU Jie (228)
- Interaction between offset parallel cracks in rock ZHU Di-jie, CHEN Zhong-hui, XI Jing-yi, YANG Deng-feng (235)
- Numerical model for jacking force based on pipe-soil contact characteristics ZHANG Peng, MA Bao-song, ZENG Cong, TAN Li-xin (244)
- Experimental studies on vacuum preloading incorporated with electro-osmosis consolidation for dredger fill SUN Zhao-hua, YU Xiang-juan, GAO Ming-jun, WU Kun (250)
- Analytical solutions for tunnels with any shape excavated sequentially in rheological rock at great depth WANG Hua-ning, LUO Li-sha, JIANG Ming-jing (259)
- Experimental study on parameters of HSS model for soft soils in Shanghai LIANG Fa-yun, JIA Ya-jie, DING Yu-jin, HUANG Mao-song (269)
- Dynamic modulus and damping ratio characteristics of EPS composite soil GAO Hong-mei, SHEN Yan-qing, WANG Zhi-hua, CHEN Guo-xing (279)
- Gas permeability of intact Q_3 loess under isotropic stresses CHEN Cun-li, ZHANG Deng-fei, ZHANG Jie, CHEN Hui, YANG Fan, WU Kang (287)
- Analytical study on exit gradient at base aquitard of deep excavations under dynamic artesian water ZHANG Li-sha, YING Hong-wei, XIE Kang-he, WANG Xiao-gang, ZHU Cheng-wei (295)
- FEM -IBIEM coupled method for simulating scattering of seismic waves by 3-D complex local site LIU Zhong-xian, HUANG Lei, LIANG Jian-wen (301)
- Model tests on bearing characteristics of basalt fiber-reinforced concrete tunnel linings CUI Guang-yao, WANG Dao-yuan, NI Song-zhi, ZHU Chang-an, YUAN Jin-xiu, ZHOU Ji-min (311)
- Seismic behaviors and design recommendations of ecological bag-reinforced retaining wall ZHU Hong-wei, YAO Ling-kan, CHEN Xiao-long, XIANG Qin (319)
- Laboratory steady state flow tests on multidimensional recharge well with filter layer LI Wang-lin, YIN Zhi-yuan, LIU Zhan-lei, WEI Peng-kun, HE Jia-peng (327)
- In-situ tests and thermo-mechanical bearing characteristics of friction geothermal energy piles LU Hong-wei, JIANG Gang, WANG Hao, HONG Xin, SHI Chun-le, GONG Hong-wei, LIU Wei-qing (334)

NOTES

- Anti-plane dynamic stiffness coefficient of a rigid foundation embedded in a multi-layered TI ground BA Zhen-ning, LIANG Jian-wen, HU Li-ming (343)
- Dynamic response of infinite plate on orthotropic half-plane medium under moving loads ZHANG Chun-li, WANG Bo, ZHU Yan-zhi (352)
- Analytical solutions for rainfall infiltration into monolithic covers considering arbitrary initial conditions QIU Qing-wen, ZHAN Liang-tong, HUAGN Yi-yi (359)
- Slab damage of concrete face rockfill dam based on heterogeneity of concrete XU Bin, LIU Xiao-ping, ZOU De-gao, KONG Xian-jing, YU Xiang (366)
- Centrifugal model tests on excavation of twin parallel tunnels MIAO Lin-chang, WANG Fei, Charles W W Ng, LÜ Hu (373)
- Test verification of stress state variables for unsaturated soils ZHANG Long, CHEN Zheng-han, ZHOU Feng-xi, SUN Shu-guo, HU Sheng-xia, YAO Zhi-hua (380)

DISCUSSIONS

- Discussion on "On soil skeleton and seepage force" MAO Chang-xi, DUAN Xiang-bao (385)
- Reply to discussion on "On soil skeleton and seepage force" LI Guang-xin (387)

NEWS (227, 258, 278, 318, 379)

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

Invitation for original papers (head page II)

Serial parameters: CN 32 - 1124/TU * 1979 * m * A4 * 196* zh * P * \$40.00 * 3000* 26 * 2017 - 02