

岩土工程学报

Chinese Journal of Geotechnical Engineering

第44卷 第5期 (总378期)
Vol.44 No. 5 (Total 378)

5

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

- 高级切线模量法及其在地基沉降计算中的应用 杨光华, 李卓勋, 王东英, 李志云, 姜 燕 (787)
- 复合衬垫中污染物一维瞬态扩散 - 对流运移规律研究 冯世进, 彭明清, 陈樟龙, 陈宏信 (799)
- 水平动荷载作用下海洋大直径管桩动力响应解析解 郑长杰, 林 浩, 曹光伟, 丁选明, 栾鲁宝 (810)
- 基于实测的挤密砂桩复合地基沉降算法研究 寇晓强, 于 健, 胥新伟, 宋神友, 高 潮 (820)
- 斜直交替基坑支护桩现场实测及机理研究 刘 畅, 马力遥, 郑 刚, 闫城东, 杨宇航 (827)
- 基于离心模型试验与数值计算的超高陡加筋土填方边坡稳定性分析 任 洋, 李天斌, 杨 玲, 魏大强, 唐杰灵 (836)
- 基于空间分布的边坡位移测量数据质量评估方法研究 陈思宇, 张 嘎 (845)
- 改进屈服面和旋转硬化准则的各向异性黏土弹塑性模型 李梦姿, 蔡国庆, 赵成刚 (851)
- 土 - 地下结构相互作用的三维弱耦合有效应力分析法 赵 凯, 夏高旭, 王彦臻, 赵丁凤, 庄海洋, 陈国兴 (861)
- 不同中主应力系数和负温条件下冻结砂土真三轴试验研究 马芹永, 黄 坤, 马冬冬, 姚兆明, 周兆曦 (870)
- 液化夹层场地地铁车站结构离心机振动台试验方案设计 张梓鸿, 许成顺, 闫冠宇, 杜修力, 李 洋, 周燕国 (879)
- 颗粒特性对材料小应变动力特性的影响 黄志鹏, 魏 骁, 潘 坤, 杨仲轩 (889)
- 基于颗粒破碎耗能的粗粒料剪胀方程研究 吴二鲁, 朱俊高, 陆阳洋, 钱 彬 (898)
- 桩顶水平动荷载作用下水 - 桩 - 土相互作用的解析解 赵 密, 黄义铭, 王丕光, 徐海滨, 杜修力 (907)
- 隔离桩对隧道开挖诱发土体竖向位移牵制效应的理论分析 曹利强, 陈湘生, 张顶立, 苏 栋 (916)
- 根系形态和层次结构对根土复合体力学特性影响研究 徐 华, 袁海莉, 王歆宇, 王 栋, 陈建勋, 荣才权 (926)
- 考虑围压效应和强度脆性跌落的岩石全应力 - 应变曲线统计损伤模拟方法 张 超, 曹文贵, 赵 衡, 贺 敏 (936)

短 文

- 考虑干密度影响的压实黄土土水特征与渗透特性试验研究 张 林, 李同录, 陈存礼 (945)
- 法向循环荷载下筋土界面的剪切应力规律及预测 王 军, 朱 晨, 刘飞禹, 孔剑捷, 姚嘉敏 (954)
- 长期列车荷载下无砟轨道 X 形桩-筏复合地基动力响应模型试验 孙广超, 李建林, 孔纲强, 罗 雅, 王乐华, 邓华锋 (961)
- 基于密实核理论的 TBM 盘形滚刀磨损预测模型研究 余 磊, 张社荣, 和孙文, 王 超, 李 雷, 景 勇, 刘 勇 (970)

简 讯

- 2022 年黄文熙讲座(第 25 讲)学术报告会通知(第 2 号) (809)
- 第七届全国工程安全与防护学术会议(2 号通知) (860)
- 彩色插图索引 (878)
- 《岩土工程学报》征订启事 (915)
- 《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

- Advanced tangent modulus method and its application to calculation of foundation settlement
 YANG Guang-hua, LI Zhuo-xun, WANG Dong-ying, LI Zhi-yun, JIANG Yan (787)
- One-dimensional transport of transient diffusion-advection of organic contaminant through composite liners
 FENG Shi-jin, PENG Ming-qing, CHEN Zhang-long, CHEN Hong-xin (799)
- Analytical solution for dynamic response of offshore large-diameter pipe piles subjected to horizontal dynamic loads
 ZHENG Chang-jie, LIN Hao, CAO Guang-wei, DING Xuan-ming, LUAN Lu-bao (810)
- Settlement calculation method for sand compaction piles under water based on in-situ measurement
 KOU Xiao-qiang, YU Jian, XU Xin-wei, SONG Shen-you, GAO Chao (820)
- Field measurement and mechanism of inclined and vertical piles in foundation pits
 LIU Chang, MA Li-yao, ZHENG Gang, YAN Cheng-dong, YANG Yu-hang (827)
- Stability analysis of ultra-high-steep reinforced soil-filled slopes based on centrifugal model tests and numerical calculation
 REN Yang, LI Tian-bin, YANG Ling, WEI Da-qiang, TANG Jie-ling (836)
- Quality evaluation for measured data of slope displacement based on its spatial distribution CHEN Si-yu, ZHANG Ga (845)
- Anisotropic elastoplastic model for clays with improved yield surfaces and rotational hardening rule
 LI Meng-zi, CAI Guo-qing, ZHAO Cheng-gang (851)
- Three-dimensional loosely coupled effective stress method for seismic soil-structure interactions
 ZHAO Kai, XIA Gao-xu, WANG Yan-zhen, ZHAO Ding-feng, ZHUANG Hai-yang, CHEN Guo-xing (861)
- True triaxial tests on frozen sandy soil under different intermediate principal stress coefficients and negative temperatures
 MA Qin-yong, HUANG Kun, MA Dong-dong, YAO Zhao-ming, ZHOU Zhao-xi (870)
- Experimental design for dynamic centrifuge tests on a subway station structure in liquefied interlayer site
 ZHANG Zi-hong, XU Cheng-shun, YAN Guan-yu, DU Xiu-li, LI Yang, ZHOU Yan-guo (879)
- Effects of particle characteristics on small-strain dynamic properties of granular materials
 HUANG Zhi-peng, WEI Xiao, PAN Kun, YANG Zhong-xuan (889)
- Dilatancy equation for coarse-grained soils incorporating particle breakage energy
 WU Er-lu, ZHU Jun-gao, LU Yang-yang, QIAN Bin (898)
- Analytical solution for water-pile-soil interaction under horizontal dynamic loads on pile head
 ZHAO Mi, HUANG Yi-ming, WANG Pi-guang, XU Hai-bin, DU Xiu-li (907)
- Theoretical investigation of restraint effect of isolation piles on vertical ground displacements due to tunneling under the plane state
 CAO Li-qiang, CHEN Xiang-sheng, ZHANG Ding-li, SU Dong (916)
- Influences of morphology and hierarchy of roots on mechanical characteristics of root-soil composites
 XU Hua, YUAN Hai-li, WANG Xin-yu, WANG Dong, CHEN Jian-xun, RONG Cai-quan (926)
- Statistical damage simulation method for complete stress-strain path of rocks considering confining pressure effect and strength
 brittle drop ZHANG Chao, CAO Wen-gui, ZHAO Heng, HE Min (936)

NOTES

- Soil-water characteristics and permeability of compacted loess considering effects of dry density
 ZHANG Lin, LI Tong-lu, CHEN Cun-li (945)
- Shear strength of reinforced soil interface under normal cyclic loading and its prediction
 WANG Jun, ZHU Chen, LIU Fei-yu, KONG Jian-jie, YAO Jia-min (954)
- Model tests on dynamic response of ballastless track X-shaped pile-raft foundation under long-term train loads
 SUN Guang-chao, LI Jian-lin, KONG Gang-qiang, LUO Ya, WANG Le-hua, DENG Hua-feng (961)
- Prediction model for TBM disc cutter wear based on dense core theory
 SHE Lei, ZHANG She-rong, HE Sun-wen, WANG Chao, LI Lei, JING Yong, LIU Yong (970)

NEWS (809, 860, 878, 915)

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

Invitation for original papers (head page II)