

目 次

论 文

- 基于最大熵原理的基桩竖向承载力的可靠度分析 郑俊杰, 徐志军, 刘勇, 马强 (1643)
刚性桩加固软弱地基上路堤的稳定性问题(I)——存在问题及单桩条件下的分析 郑刚, 刘力, 韩杰 (1648)
恒应变率下的岩石三轴动态变形过程模拟方法 曹文贵, 赵衡, 张玲, 张永杰 (1658)
无限长圆柱饱和多孔热弹性介质的固结解 白冰 (1665)
基于极限抗力分析的微型桩群加固土质边坡设计方法 孙书伟, 朱本珍, 郑静 (1671)
新疆坝工技术进展 邓铭江, 于海鸣, 李湘权 (1678)
一维压缩蠕变前后软土的微观结构变化 张先伟, 王常明 (1688)
不透水地基上堤坝渗流计算的理论解 吴世余, 宋新江 (1695)
基于显微CT试验的岩石孔隙结构算法研究 李建胜, 王东, 康天合 (1703)
复杂应力路径下影响黏土孔压开展的因素研究 温晓贵, 张勋, 周建 (1709)
自平衡试桩荷载传递模型及荷载-沉降曲线转换方法改进研究 朱向荣, 汪胜忠, 叶俊能, 王文军 (1717)
隧道地质预报中的瞬变电磁波纵向电导解释方法研究 苏茂鑫, 李术才, 薛翊国, 李貅, 邱道宏 (1722)
地下岩体温度变化影响区域探测方法的实验研究 张峰, 曾聰, 苗元亮, 陈建平 (1727)
水泥及石灰改良土冻融循环后的动力特性研究 王天亮, 刘建坤, 田亚扩 (1733)
深埋圆形水工隧洞弹塑性应力和位移统一解 张常光, 胡云世, 赵均海, 杨现宗 (1738)
饱和土水热耦合分离冰冻胀模型研究 周扬, 周国庆, 王义江 (1746)
盾构同步注浆填充机理及压力分布研究 李志明, 廖少明, 戴志仁 (1752)
土钉支护边坡动力性能参数分析 张明聚, 吕琦, 李立云, 王诚浩, 杨文峰 (1758)

短 文

- 基于材料状态相关临界状态理论的砂土双屈服面模型 黄茂松, 李学丰, 贾苍琴 (1764)
汉江崔家营航电枢纽坝基隐伏岩溶问题研究 王启国, 林仕祥, 吴树良, 黄海蛟, 丁淑平 (1772)
不同围压条件下TBM刀具破岩模式的数值研究 张魁, 夏毅敏, 谭青, 周子龙 (1780)
软土地基微型桩抗拔试验研究 黄广龙, 方乾, 苏荣臻 (1788)
黏土中多离子体系的扩散机理研究 李仁民, 刘松玉, 缪林昌 (1794)
堤坝多集中渗漏通道位置温度探测研究 王新建, 潘纪顺 (1800)
泡沫塑料混合轻质土在循环荷载下的力学性质 李明东, 田安国 (1806)

简 讯

- 第十一届全国青年岩石力学与工程学术大会通知 (1664)
第三届全国环境岩土工程与土工合成材料技术研讨会通知 (1732)
宏微观岩土力学与岩土技术国际研讨会 (IS-Shanghai 2010) 在同济大学胜利召开 (1771)
请订阅《岩土工程学报》 (1687)
本期广告索引 (1787)
《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

Reliability analysis for vertical bearing capacity of piles based on the maximum entropy principle	ZHENG Jun-jie, XU Zhi-jun, LIU Yong, MA Qiang (1643)
Stability of embankment on soft subgrade reinforced by rigid piles (I)—background and single pile analysis	ZHENG Gang, LIU Li, HAN Jie (1648)
Simulation method of dynamic triaxial deformation process for rock under invariable strain rate	CAO Wen-gui, ZHAO Heng, ZHANG Ling, ZHANG Yong-jie (1658)
Consolidation solutions of a saturated porothermoelastic cylinder with infinit length	BAI Bing (1665)
Design method of micropile group for soil slope stabilization based on ultimate resistance of analysis	SUN Shu-wei, ZHU Ben-zhen, ZHENG Jing (1671)
Advances of dam construction techniques in Xinjiang	DENG Ming-jiang, YU Hai-ming, LI Xiang-quan (1678)
Microstructural change of soft clay before and after one-dimensional compression creep	ZHANG Xian-wei, WANG Chang-ming (1688)
Analytic solution of seepage calculation for dams and levees on impervious strata	WU Shi-yu, SONG Xin-jiang (1695)
Algorithmic study on rock pore structure based on micro-CT experiment	LI Jian-sheng, WANG Dong, KANG Tian-he (1703)
Influencing factors about pore pressure generated for clay under complex stress path	WEN Xiao-gui, ZHANG Xun, ZHOU Jian(1709)
Load transfer model and improved transition method for load-settlement curve under O-cell pile testing method	ZHU Xiang-rong, WANG Sheng-zhong, YE Jun-neng, WANG Wen-jun(1717)
TEM apparent longitudinal conductance interpretation in tunnel geological forecast	SU Mao-xin, LI Shu-cai, XUE Yi-guo, LI Xiu, QIU Dao-hong(1722)
Monitoring method for influence circle due to temperature variation in underground rock stratum	ZHANG Feng, ZENG Cong, MIAO Yuan-liang, CHEN Jian-ping (1727)
Dynamic properties of cement- and lime-improved soil subjected to freeze-thaw cycles	WANG Tian-liang, LIU Jian-kun, TIAN Ya-hu (1733)
Elastic-plastic unified solutions for stresses and displacements of a deep buried circular hydraulic tunnel	ZHANG Chang-guang, HU Yun-shi, ZHAO Jun-hai, YANG Yan-zong (1738)
Separate ice frost heave model for coupled moisture and heat transfer in saturated soils	ZHOU Yang, ZHOU Guo-qing, WANG Yi-jiang(1746)
Theoretical study on synchronous grouting filling patterns and pressure distribution of EPB shield tunnels	LI Zhi-ming, LIAO Shao-ming, DAI Zhi-ren (1752)
Parametric analysis for aseismic behavior of soil nailing system	ZHANG Ming-ju, LU Qi, LI Li-yun, WANG Cheng-hao, YANG Wen-feng (1758)
NOTES	
A double yield surface constitutive model for sand based on state-dependent critical state theory	HUANG Mao-song, LI Xue-feng, JIA Cang-qin (1764)
Hidden karst in dam foundation of Cuijiaying Hydroproject on Hanjiang River	WANG Qi-guo, LIN Shi-xiang, WU Shu-liang, HUANG Hai-jiao, DING Shu-ping (1772)
Numerical study on modes of breaking rock by TBM cutter under different confining pressures	ZHANG Kui, XIA Yi-min, TAN Qing, ZHOU Zi-long (1780)
Field test on uplift behavior of micropiles in soft ground	HUANG Guang-long, FANG Qian, SU Rong-zhen(1788)
Microcosmic mechanism of ion transport in charged clay soils	LI Ren-min, LIU Song-yu, MIAO Lin-chang(1794)
Location detection of concentrated-leakage passages in dam by groundwater temperature	WANG Xin-jian, PAN Ji-shun (1800)
Mechanical properties of EPS beads mixed lightweight soil under cyclic loading	LI Ming-dong, TIAN An-guo(1806)
NEWS	(1664, 1732, 1771, 1687, 1787)
Members of Editorial Board of Chinese Journal of Geotechnical Engineering	(head page I)
Invitation for original papers	(head page II)