

目 次

论 文

汶川地震余震记录及紫坪铺面板堆石坝余震反应研究 孔宪京, 周 扬, 邹德高, 徐 斌 (673)

SH 波作用下饱和地基表面刚性圆形基础扭转振动分析 蔡袁强, 王 鹏, 曹志刚 (679)

基于旋转块体集的深埋条形锚板上限分析 黄茂松, 余生兵 (685)

考虑城市固体废弃物 (MSW) 生化降解的力-气耦合一维沉降模型及计算 刘晓东, 施建勇, 胡亚东 (693)

基于 SMP 准则的衬砌隧道围岩抗力系数的计算 朱建明, 彭新坡, 徐金海 (700)

柔性桩承式加筋路堤桩土应力比分析 俞 缙, 周亦涛, 鲍 胜, 蔡燕燕 (705)

我国土石坝渗流控制理论发展现状 刘 杰, 谢定松 (714)

基于 BOTDA 光纤传感技术的 SMW 工法桩分布式测量研究 丁 勇, 王 平, 何 宁, 赵维炳, 王国立 (719)

排桩-内支撑深基坑支护体系的等效转换与简化计算 袁海庆, 张光文 (725)

圆形凸坡的稳定性分析 赵 衡, 宋二祥 (730)

水平(椭圆)圆形加载路径下的单桩模型试验研究 苏 栋 (738)

堆石体三轴剪切试验的三维细观数值模拟 马 刚, 周 伟, 常晓林, 周创兵 (746)

考虑气相压力变化和偏应力影响的非饱和土本构模型 刘 艳, 赵成刚, 蔡国庆, 李 舰 (754)

基于中厚圆柱壳理论的地铁隧道结构振动特性分析 王 鑫, 刘增荣 (762)

拉伸条件下锚杆对含表面裂隙类岩石试样加固效应试验研究 张 宁, 李术才, 吕爱钟, 李明田, 沈 锋, 邵冬亮 (769)

高温后砂岩动态压缩条件下力学特性研究 尹士兵, 李夕兵, 王 斌, 殷志强, 金解放 (777)

挡土墙与土界面摩擦角为负的地震被动土压力解析解 杨 剑, 王荣文, 沈 晔, 彭夏军 (785)

短 文

土的三维渐进状态准则 罗 汀, 田新国, 姚仰平, 崔文杰 (792)

路堤下刚性桩复合地基的设计计算方法研究 何 宁, 姜 炎 (797)

锚杆抗滑桩破坏模式的试验研究 李寻昌, 门玉明, 张 涛, 刘洪佳, 严静平 (803)

松软破碎硐室群围岩应力分布及综合加固技术 康红普, 林 健, 杨景贺, 吴拥政, 高富强 (808)

Herschel-Bulkley 浆液在裂隙中的扩散规律研究 章 敏, 王星华, 汪 优 (815)

基于等效峰值能量的建筑物爆破振动安全评价探讨 李洪涛, 杨兴国, 卢文波, 舒大强, 周家文 (821)

南水北调中线膨胀岩膨胀特性研究 刘静德, 李青云, 龚壁卫 (826)

讨 论

对桩基规范中 q_{pk} 的探讨 陈如连 (831)

简 讯

高速交通岩土工程国际学术研讨会 (IS-GeoTrans2012) 一号通知 (678)

第 3 届全国土工合成材料加筋土学术研讨会二号通知 (699)

《土的本构关系》介绍 (713)

请订阅《岩土工程学报》 (776)

本期广告索引 (825)

《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

- Aftershock records of Wenchuan Earthquake and seismic response of Zipingpu Concrete Face Rock-fill Dam KONG Xian-jing, ZHOU Yang, ZOU De-gao, XU Bin (673)
- Torsional vibration of a rigid circular foundation resting on poroelastic half-space subjected to obliquely incident SH waves CAI Yuan-qiang, WANG Peng, CAO Zhi-gang (679)
- Upper bound analysis of deep strip anchor based on rotational block set HUANG Mao-song, YU Sheng-bing (685)
- Coupled mechanical-gas settlement model and calculation for MSW by considering biodegradation LIU Xiao-dong, SHI Jian-yong, HU Ya-dong (693)
- Determination of rock resistant coefficient in lining tunnels based on SMP failure criterion ZHU Jian-ming, PENG Xin-po, XU Jin-hai (700)
- Pile-soil stress ratio of deformable pile-supported and geosynthetics-reinforced embankments YU Jin, ZHOU Yi-Tao, BAO Sheng, CAI Yan-yan (705)
- Advances of earth-rock dam seepage control theory in China LIU Jie, XIE Ding-song (714)
- New method to measure deformation of SMW piles based on BOTDA DING Yong, WANG Ping, HE Ning, ZHAO Wei-bin, WANG Guo-li (719)
- Equivalent transformation and simplified calculation method for row piles with internal bracing system YUAN Hai-qing, ZHANG Guang-wen (725)
- Stability analysis of circular convex slopes ZHAO Heng, SONG Er-xiang (730)
- Experimental study on a single pile under horizontal elliptical/circular loading SU Dong (738)
- 3D mesoscopic numerical simulation of triaxial shear tests for rockfill MA Gang, ZHOU Wei, CHANG Xiao-lin, ZHOU Chuang-bing (746)
- New model for unsaturated soils considering variation of gas pressure and shear stress LIU Yan, ZHAO Cheng-gang, CAI Guo-qing, LI Jian (754)
- Vibration characteristics of metro tunnel structures based on theory of moderately thick cylindric shells WANG Xin, LIU Zeng-rong (762)
- Experimental study on reinforced effect of bolts on 3D surface fractured rock under uniaxial tension ZHANG Ning, LI Shu-cai, LÜ Ai-zhong, LI Ming-tian, SHEN Feng, SHAO Dong-liang (769)
- Mechanical properties of sandstones after high temperature under dynamic loading YIN Tu-bing, LI Xi-bing, WANG Bin, YIN Zhi-qiang, JIN Jie-fang (777)
- Analytical solution of seismic passive earth pressure for negative friction angle of wall-soil interface YANG Jian, WANG Rong-wen, SHEN Ye, PENG Xia-jun (785)

NOTES

- Three-dimensional asymptotic state criterion for soils LUO Ting, TIAN Xin-guo, YAO Yang-ping, CUI Wen-jie (792)
- Design and calculation method for rigid pile composite foundation under embankments HE Ning, LOU Yan (797)
- Experimental study on failure modes for anti-slide piles with a single anchor LI Xun-chang, MEN Yu-ming, ZHANG Tao, LIU Hong-jia, YAN Jing-ping (803)
- Stress distribution and synthetic reinforcing technology for chamber group with soft and fractured surrounding rock KANG Hong-pu, LIN Jian, YANG Jing-he, WU Yong-zheng, GAO Fu-qiang (808)
- Diffusion of Herschel-Bulkley slurry in fractures ZHANG Min, WANG Xing-hua, WANG You (815)
- Safety assessment for structures under blasting vibration based on equivalent peak energy LI Hong-tao, YANG Xing-guo, LU Wen-bo, SHU Da-qiang, ZHOU Jia-wen (821)
- Swelling properties of expansive rock in Middle Route Project of South-to-North Water Diversion LIU Jing-de, LI Qing-yun, GONG Bi-wei (826)

DISCUSSIONS

- On values of q_{pk} in technical code for pile foundations CHEN Ru-lian (831)

NEWS (678, 699, 713, 776, 825)

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

Invitation for original papers (head page II)