



岩石力学与工程学报

2009年5月15日 第28卷 第5期(总第212期)

目次

高温高压下花岗岩中钻孔变形失稳临界条件研究.....	赵阳升, 郜保平, 万志军, 等 (865)
高温三维应力下花岗岩三维蠕变的模型研究.....	张 宁, 赵阳升, 万志军, 等 (875)
基于正交设计的滚石运动特征现场试验研究.....	黄润秋, 刘卫华 (882)
循环加、卸载孔隙水压力对砂岩变形特性影响实验研究.....	许 江, 杨红伟, 李树春, 等 (892)
隧道施工多元信息预警与安全管理系统研究.....	叶 英, 穆千祥, 张成平 (900)
华北型煤矿承压泵井安全评价技术研究——以峰峰矿区薛村煤矿为例.....	王经明, 刘德明 (908)
现代数字式多功能 CPTU 与中国 CPT 对比试验研究.....	蔡国军, 刘松玉, 童立元, 等 (914)
考虑应力路径和加载速率效应砂土的弹黏塑性本构模型.....	彭芳乐, 李福林, 白晓宇, 等 (929)
模拟库水位变化的抗滑桩加固边坡离心模型试验研究.....	李邵军, KNAPPETT J A, 冯夏庭, 等 (939)
遍有节理岩体的双重孔隙 - 裂隙介质热 - 水 - 应力耦合模型及有限元分析.....	张玉军 (947)
热力耦合作用下花岗岩流变模型的本构关系研究.....	郜保平, 赵阳升, 万志军, 等 (956)
高压油气藏对砂岩力学特性影响的试验研究.....	韩 林, 刘向君, 孟英峰, 等 (968)
基于非 Darcy 渗流的饱和黏土一维固结理论.....	刘忠玉, 孙丽云, 乐金朝, 等 (973)
地质力学模型试验方法与变温相似模型材料研究.....	何显松, 马洪琪, 张 林, 等 (980)
浅埋煤层保水开采隔水层稳定性的模拟研究.....	黄庆享 (987)
含瓦斯煤岩耦合弹塑性损伤本构模型研究.....	尹光志, 王登科 (993)
地下厂房岩锚梁纵向裂缝成因分析及发展趋势.....	唐军峰, 徐国元, 唐雪梅 (1000)
地铁车站深基坑降水诱发沉降机制及计算方法.....	王建秀, 吴林高, 朱雁飞, 等 (1010)
大直径深长钻孔灌注桩分层荷载传递特性试验研究.....	赵春风, 鲁 嘉, 孙其超, 等 (1020)
一般应力状态下泥浆渗入对泥水盾构开挖面土体剪切强度影响分析.....	胡欣雨, 张子新 (1027)
路基压实黄土动力特性的试验研究.....	李又云, 谢永利, 刘保健 (1037)
古遗址论坛	
中国丝绸之路土遗址的病害及 PS 加固.....	李最雄, 赵林毅, 孙满利 (1047)
敦煌莫高窟崖体风化特征及保护对策.....	王旭东, 张虎元, 郭青林, 等 (1055)
锚固灌浆过程中及工后交河故城崖体的变形特征研究.....	张景科, 谌文武, 崔 凯, 等 (1064)
经 PS 加固土遗址水饱和强度及加固效果的环境影响研究.....	李 黎, 陈 锐, 邵明申, 等 (1074)
动 态	
下期内容预告.....	(891)
第十一届中国科协年会第 7 分会场: 岩土与地质灾害发生机制及防治技术研讨会第 1 号征文通知.....	(I)
全国地下工程超前地质预报与灾害治理学术及技术研讨会第 1 号征文通知.....	(II)

责任编辑: 付少兰

Chinese Journal of Rock Mechanics and Engineering

Vol. 28, No. 5 (Total No. 212) May 15, 2009

CONTENTS

Study of Critical Condition of Borehole Instability in Granite under High Temperature and High Pressure	(865)
..... ZHAO Yangsheng, XI Baoping, WAN Zhijun, et al	
Model Study of Three-dimensional Granite Creep Properties under High Temperature	(875)
..... ZHANG Ning, ZHAO Yangsheng, WAN Zhijun, et al	
In-situ Test Study of Characteristics of Rolling Rock Blocks Based on Orthogonal Design	(882)
..... HUANG Runqiu, LIU Weihua	
Experimental Study of Effects of Cyclic Loading and Unloading Pore Water Pressures on Deformation Characteristic of Sandstone	(892)
..... XU Jiang, YANG Hongwei, LI Shuchun, et al	
Tunnel Construction Multivariate Information Forewarning and Safety Management System Research	(900)
..... YE Ying, MU Qianxiang, ZHANG Chengping	
Technological Research on Safety Evaluation of Pumping Well Approaching to High Confined Aquifer in North China—a Case Study of Xuecun Coalmine in Fengfeng Mining Area	(908)
..... WANG Jingming, LIU Deming	
Comparative Study of Modern Digital Multifunctional CPTU and China's CPT Tests	(914)
..... CAI Guojun, LIU Songyu, TONG Liyuan, et al	
Elasto-viscoplastic Constitutive Model of Sandy Soil Considering Stress Path and Loading Rate	(929)
..... PENG Fangle, LI Fulin, BAI Xiaoyu, et al	
Centrifugal Tests on Slope Reinforcement by Anti-sliding Piles Modelling Change of Reservoir Water Level	(939)
..... LI Shaojun, KNAPPETT J A, FENG Xiating, et al	
Coupled Thermo-hydro-mechanical Model and Finite Element Analyses of Dual-porosity fractured Medium for Ubiquitous-joint Rock Mass	(947)
..... ZHANG Yujun	
Study of Constitutive Equation of Granite Rheological Model with Thermo-mechanical Coupling Effects	(956)
..... XI Baoping, ZHAO Yangsheng, WAN Zhijun, et al	
Experimental Study of Mechanical Behaviors of Sandstone under High-pressure Oil and Gas Reservoir	(968)
..... HAN Lin, LIU Xiangjun, MENG Yingfeng, et al	
One-dimensional Consolidation Theory of Saturated Clay Based on Non-Darcy Flow	(973)
..... LIU Zhongyu, SUN Liyun, YUE Jinchao, et al	
Study of Test Method of Geomechanical Model and Temperature Analogous Model Material	(980)
..... HE Xiansong, MA Hongqi, ZHANG Lin, et al	
Simulation of Clay Aquifuge Stability of Water Conservation Mining in Shallow-buried Coal Seam	(987)
..... HUANG Qingxiang	
A Coupled Elastoplastic Damage Model for Gas-saturated Coal	(993)
..... YIN Guangzhi, WANG Dengke	
Cause Analysis of Longitudinal Cracks of Rock-anchored Beam and Its Developmental Trend in Underground Powerhouses	(1000)
..... TANG Junfeng, XU Guoyuan, TANG Xuemei	
Mechanism of Dewatering-induced Ground Subsidence in Deep Subway Station Pit and Calculation Method	(1010)
..... WANG Jianxiu, WU Lingao, ZHU Yanfei, et al	
Experimental Study of Load Transmission Property of Large-diameter Bored Cast-in-situ Deep and Long Pile in Different Soil Layers	(1020)
..... ZHAO Chunfeng, LU Jia, SUN Qichao, et al	
Analysis of Effect of Slurry Infiltration on Shear Strength of Soil of Excavation Face in Slurry Shield under General Stress Condition	(1027)
..... HU Xinyu, ZHANG Zixin	
Experimental Research on Dynamic Characteristics of Roadbed Compaction Loess	(1037)
..... LI Youyun, XIE Yongli, LIU Baojian	
Deterioration of Earthen Sites and Consolidation with PS Material along Silk Road of China	(1047)
..... LI Zuixiong, ZHAO Linyi, SUN Manli	
Weathering Characterization and Conservation Treatment of Cliff at Mogao Grottoes	(1055)
..... WANG Xudong, ZHANG Huyuan, GUO Qinglin, et al	
Research on Cliff Deformation Feature of Jiaohe Ruins during and after Anchoring and Grouting	(1064)
..... ZHANG Jingke, CHEN Wenwu, CUI Kai, et al	
Saturation Strength of Earthen Ruins Reinforced by Potassium Silicate and Influence of Environmental Factors on Reinforcement Effect	(1074)
..... LI Li, CHEN Rui, SHAO Mingshen, et al	