岩石力学与工程学报

2007年3月15日 第26卷 第3期(总第182期)

目 次

20 世纪以来中国的大型滑坡及其发生机制	黄润秋 (433)
简化 Bishop 法严格性的论证	朱大勇, 邓建辉, 台佳佳 (455)
隔河岩水电站厂房后边坡与拱坝的相互作用研究	
盐岩非线性蠕变损伤本构模型及其工程应用	陈卫忠,王者超,伍国军,等 (467)
软岩渗透性、应变及层理关系的试验研究	
风化花岗岩地层旋转钻进中的能量分析	
单轴压缩作用下内置裂隙扩展的 CT 扫描试验	李术才,李廷春,王 刚,等 (484)
核废料地质贮存介质黏土岩的三维各向异性热-水-力耦合数值模拟 蒋中明, D	ashnor Hoxha, Françoise Homand (493)
岩体节理产状极点分布的分形维	
三峡库区树坪滑坡受库水位变化产生的变形特征(英文)	汪发武,张业明,王功辉,等 (509)
岩土材料最大主剪应变破坏准则的推导	
辉长岩中张开型表面裂隙破裂模式研究	
岩土工程中基于栅格的三维地层建模及空间分析	
软岩层引起的套管外载计算方法研究	林元华, 曾德智, 施太和, 等 (538)
综放巷内充填原位沿空留巷充填体支护阻力研究	马立强,张东升,陈 涛,等 (544)
基于数字图像的岩石非均匀性表征技术及初步应用	
城市固体废弃物的动强度试验研究	
岩石 CT 密度损伤增量图像"阴阳环"现象的形成机制及其配准校正	范留明, 毛黎明, 丁卫华 (567)
循环荷载作用下脆性材料剪切性能试验研究	
高速公路高填方路堤拼接离心模型试验研究	孟庆山,孔令伟,郭爱国,等 (580)
光纤 Bragg 光栅传感技术在隧道监测中的应用	赵星光, 邱海涛 (587)
隧道施工引起地层位移预测模型的对比分析	
红砂岩粗粒土流变工程特性试验研究	
短文(研究进展与工程实录)	
块体单元法动力分析研究	郑惠峰,汪卫明,陈胜宏 (608)
青藏铁路多年冻土隧道围岩季节活动层温度及响应的试验研究	张德华,王梦恕,任少强 (614)
岩体质量分类区间非线性模糊评判方法研究	曹文贵,张永杰,杨期君 (620)
基于加卸载响应比理论的边坡动力稳定分析方法	
灰色 - 神经网络模型在滑坡变形预测中的应用	吴益平,滕伟福,李亚伟 (632)
讨论	
对"岩石非线性黏弹塑性流变模型(河海模型)及其应用"的讨论	尤明庆 (637)
关于"对'岩石非线性黏弹塑性流变模型(河海模型)及其应用'的讨论"答复	徐卫亚,杨圣奇 (641)
博士学位论文摘要	
酸性环境下砂浆、砂岩材料的受酸腐蚀过程及其基本特性劣化规律的试验研究	霍润科 (647)
圆形深基坑中人工冻土帷幕力学性能研究	东兆星 (648)
动态	
下期内容预告	* *
第六届全国地面岩石工程学术会议暨第二届岩土力学与工程前沿论坛(第一号征文通知	
关于免费使用本刊电子版网络资源的事宜	` '
本刊 2006 年第 12 期被 EI 收录论文(29 篇,收录率为 100%)题录	
本刊 2006 年第 25 卷全年 EI COMPENDEX 收录情况	
中国力学学会第九届全国岩土力学数值分析与解析方法研讨会(第二号通知)	
《岩石力学与工程学报》征稿简则	······(II)
责任编辑: 林松清	

Chinese Journal of Rock Mechanics and Engineering

Vol. 26, No. 3 (Total No. 182) March, 2007

CONTENTS

Large-scale Landslides and Their Sliding Mechanisms in China Since the 20th Century ————————————————————————————————————	(433)
Theoretical Verification of Rigorous Nature of Simplified Bishop MethodZHU Dayong, DENG Jianhui, TAI Jiajia	(455)
Study on Interaction between Back Powerhouse Slope and Arch Dam of Geheyan Hydropower Station ····· LI Jianlin, LIU Jie	(459)
Nonlinear Creep Damage Constitutive Model of Rock Salt and Its Application to Engineering	
	(467)
Experimental Study on Relationship among Permeability, Strain and Bedding of Soft Rock	
YANG Linde, YAN Xiaobo, LIU Chengxue	(473)
Analysis of Energy for Rotary Drilling in Weathered Granite Formation	(478)
CT Real-time Scanning Tests on Rock Specimens with Artificial Initial Crack under Uniaxial Conditions	(470)
LI Shucai, LI Tingchun, WANG Gang, et al	(191)
	(484)
Numerical Simulation of 3D Coupled Thermo-hydro-mechanical Anisotropy of Argillite Rock for Radioactive Waste Disposal	(400)
JIANG Zhongming, Dashnor Hoxha, Françoise Homand	(493)
Fractal Dimension of Orientation Pole Distribution for Rock Mass Joints	
	(501)
Deformation Features of Shuping Landslide Caused by Water Level Changes in Three Gorges Reservoir Area, China	
WANG Fawu, ZHANG Yeming, WANG Gonghui, et al	(509)
Deduction of Failure Criterion for Geomaterials Based on Maximum Principal Shear Strain	
	(518)
Study on Fracture Pattern of Open Surface-flaw in Gabbro	(525)
Three-dimensional Grid-based Strata Model and Spatial Analysis in Geotechnical Engineering	
LI Shaojun, FENG Xiating, WANG Wei, et al	(532)
Study on Computation Method for Casing Load Induced by Soft RocksLIN Yuanhua, ZENG Dezhi, SHI Taihe, et al	(538)
Study on Packing Body Supporting Resistance of Enter-in Packing for In-situ Gob-side Entry Retaining in Fully-mechanized	(330)
Top-coal Caving Mining Face	(544)
	(344)
Digital Image Based Characterization Method of Rock's Heterogeneity and Its Primary Application	(551)
	(551)
Experimental Study on Dynamic Strength of Municipal Solid Waste ··· FENG Shijin, GAO Guangyun, CHEN Yunmin, et al	(560)
Formulation Mechanism of Half-white Black Circle Images of Rock Density Damage Increment with CT and Its Registration	
and Correction	(567)
Experimental Study on Shear Behaviors of Brittle Materials under Cyclic Loading	
ZHOU Qiujing, LI Tongchun, GONG Bining	(573)
Centrifugal Modeling Test Study on High-embankment Widening of Highway	
MENG Qingshan, KONG Lingwei, GUO Aiguo, et al	(580)
Application of Fiber Bragg Grating Sensing Technology to Tunnel MonitoringZHAO Xingguang, QIU Haitao	(587)
Comparative Analysis of Strata Prediction Models for Ground Movement Induced by Tunnel Construction	
HAN Xuan, LI Ning	(594)
Experimental Study on Rheological Engineering Properties of Coarsely Granular Red Sandstone Soil	, ,
	(601)
Study on Block Element Method for Dynamic AnalysisZHENG Huifeng, WANG Weiming, CHEN Shenghong	(608)
Experimental Study on Temperature and Response of Seasonal Active Layer of Tunnel's Surrounding Rock in Permafrost Region	(000)
on Qinghai—Tibet Plateau·················ZHANG Dehua, WANG Mengshu, REN Shaoqiang	(614)
	(614)
Study on Interval Nonlinear Fuzzy Judgment Method of Rock Mass Classification	(620)
CAO Wengui, ZHANG Yongjie, YANG Qijun	(620)
Dynamic Analysis Method of Slope Stability Based on LURR Theory	(626)
Application of Grey-neural Network Model to Landslide Deformation Prediction	(632)
Discussion on "Nonlinear Viscoelasto-plastic Rheological Model(Hohai Model) of Rock and Its Engineering Application"	
YOU Mingqing	(637)
Reply to "Discussion on 'Nonlinear Viscoelasto-plastic Rheological Model(Hohai Model) of Rock and Its Engineering	
Application'"XU Weiya, YANG Shengqi	(641)
Experimental Research on Progressive and Deteriorative Characteristics of Sandstone and Mortar Subjected to Hydrochloric	
Acid Corrosion	(647)
Study on Mechanical Performances of Artificial Frozen Wall in Round-Shaped Deep Foundation PitDONG Zhaoxing	(648)