

岩石力学与工程学报

2011年11月15日 第30卷 第11期(总第246期)

目 次

陈宗基讲 座			
三维地应力 BWSRM 测量新方法及其测井机器人在重大工程中的应用	葛修润,	侯明勋	(2161)
学术论文			
裂隙岩体水-冰相变及低温温度场-渗流场-应力场耦合研究	,刘滨,	朱元广	(2181)
岩质边坡爆破振动速度的高程放大效应研究 明,卢文波,李 鹏,刘美山	, 周创兵,	赵 根	(2189)
富水软岩隧洞变形特征及变形机制分析张青龙,李 宁	,曲星,	刘乃飞	(2196)
基于层状岩体卸荷演化的锦屏 I 级地下厂房洞室群稳定性与调控			
黄书岭,王继敏,丁秀丽,邬爱清,段绍辉	, 卢 波,	胡志刚	(2203)
岩质边坡开挖过程模拟的动态有限单元法	,汪卫明,	陈胜宏	(2217)
隧道瞬变电磁多点阵列式探测方法研究			
	,刘人太,	韩伟伟	(2225)
高温岩体地热钻井施工关键技术研究	,朱合华,	武晋文	(2234)
堆石料平面应变条件下统一强度理论参数研究	石修松,	程展林	(2244)
深部岩体岩芯饼化特征分析与形成机制研究李占海,李邵军,冯夏庭,周 辉,	,陈炳瑞,	张传庆	(2254)
基于广义 Hoek-Brown 破坏准则的边坡临界滑动场沈银斌	,朱大勇,	姚华彦	(2267)
基于地下水位变化的滑坡预测时序分析	,孙红月,	尚岳全	(2276)
高地应力软岩隧道合理支护方案研究	,王 辉,	田 田	(2285)
西藏中波河段大型碎屑流成因机制及防治对策	王启国,	张良平	(2293)
基于亚像素圆心检测法的变形监测技术刘学增	,桑运龙,	罗仁立	(2303)
YXSW-12 现场岩体真三轴试验系统及其应用张宜虎,周火明,钟作武	,熊诗湖,	郝庆泽	(2312)
掺硅粉、钢纤维湿喷混凝土的工程应用研究	,丁一宁,	闫英超	(2321)
基于激光点云数据的裂隙岩体渗流场的无单元法模拟刘昌军,丁留谦,	,宁保辉,	张顺福	(2330)
拦沙坝调节泥石流拦挡与输移性能的试验研究	,黄 凯,	李 强	(2338)
基于当量钻屑法的冲击地压监测预警技术研究及应用	,于正兴,	鞠红阳	(2346)
开采扰动岩体力学性质变异试验研究与探测分析	, 韩 放,	杨占军	(2352)
基于有限变形理论的非连续变形分析方法改进高亚楠, 高 峰, Man-c	hu Ronald	YEUNG	(2360)
荷载历史对砂土最大剪切模量影响的共振柱试验研究		.柏立懂	(2366)
博士学位论文摘要			
竖向荷载下桩身压缩和桩基沉降变形研究		秋仁东	(2375)
山岭隧道塌方机制及防灾方法		.王迎超	(2376)
动 态			
下期内容预告			·(2311)
本刊 2011 年第 7~10 期和增刊 1 EI COMPENDEX 分别收录 26, 26, 23, 24, 102 篇(100%收录) ··			
《学报》创刊 30 周年系列报道(一): 特殊贡献奖得主——周思孟教授随想录			
第8次全国岩石力学与工程试验及测试技术学术交流会			
责任编辑: 吴火珍 排版: 刘玉英 陈金辉			

期刊基本参数 CN 42 - 1397/O3*1982*m*A4*224*zh*P* ¥40.00*3100*23*2011 - 11

Chinese Journal of Rock Mechanics and Engineering

Vol. 30, No. 11 (Total No. 246) Nov. 15, 2011 CONTENTS

A New 3D In-situ Rock Stress Measuring Method: Borehole Wall Stress Relief Method(BWSRM) and Development of Geostress Measuring Instrument Based on BWSRM and Its Primary Applications to EngineeringGE Xiurun, HOU Mingxun	(2161)
Water-ice Phase Transition and Thermo-hydro-mechanical Coupling at Low Temperature in Fractured Rock	(2181)
Elevation Amplification Effect of Blasting Vibration Velocity in Rock Slope	(2101)
	(2189)
Analyses of Deformation Characteristics and Mechanism of Water-rich Soft Rock Tunnel	,
	(2196)
Stability and Control for Underground Caverns of Jinping I Hydropower Station Based on Unloading Evolution of Layered	
RockmassHUANG Shuling, WANG Jimin, DING Xiuli, WU Aiqing, DUAN Shaohui, LU Bo, HU Zhigang	(2203)
Dynamic Finite Element Method for Excavation Process Simulation of Rock Slope	
	(2217)
Research on Transient Electromagnetic Multipoint Array Detection Method in Tunnel	
2 1 0	(2225)
Key Technologies of Hot Dry Rock Drilling during Construction	(2224)
Unified Strength Theory Parameters of Rockfill Material in Plane Strain State	(2234)
	(2244)
Characteristics and Formation Mechanism of Core Discing in Deep Rock Mass	(2244)
	(2254)
Critical Slip Field of Slope Based on Generalized Hoek-Brown Failure Criterion	(220.)
	(2267)
Time Series Analysis of Landslide Prediction Based on Groundwater Level Variation	,
	(2276)
Study of Reasonable Support Scheme for Soft Rock Tunnel in High Geostress Zone	
	(2285)
Formation Mechanism and Preventive Countermeasure of Large-scale Frost Weathering Debris Flow on Zhongbo Reach of Yuqu	
· ·	(2293)
Technique for Deformation Monitoring Based on Subpixel Centre Detection Algorithm	(2222)
	(2303)
In Situ Rock Masses Triaxial Test System YXSW - 12 and Its Application	(2212)
Application Research on Silica Fume and Steel Fiber Reinforced Wet-shotcrete	(2312)
	(2321)
Simulation of Seepage Field for Fractured Rock Mass by Element Free Method Based on Laser Point Cloud Data	(2321)
LIU Changjun, DING Liuqian, NING Baohui, ZHANG Shunfu	(2330)
Experimental Study of Regulating Barrage and Transportation Properties of Debris Flow by Silt-trap Dam	(====)
	(2338)
Rockburst Monitoring and Precaution Technology Based on Equivalent Drilling Research and Its Applications	, ,
QU Xiaocheng, JIANG Fuxing, YU Zhengxing, JU Hongyang	(2346)
Experimental Study and Detection Analysis of Mechanical Properties Variability of Rock Mass in Excavation Disturbance ····	
JI Hongguang,XIANG Peng,ZHANG Lei,HAN Fang,YANG Zhanjun	(2352)
Modification of Discontinuous Deformation Analysis Method Based on Finite Deformation Theory	
	(2360)
	(2366)
Research on Behaviors of Pile Shaft Compression and Settlement Deformation of Pile Group Foundation under Vertical Load	/a.a.= -
	(2375)
	(2376)
Editor: WU Huozhen Typists: LIU Yuying CHEN Jinhui	