

全国中文核心期刊
中国科协优秀期刊

湖北省优秀期刊
EI 核心收录期刊

ISSN 1000-6915
CODEN YLGXF5

岩石力学与工程学报

CHINESE JOURNAL OF
ROCK MECHANICS AND ENGINEERING

第31卷 第10期(总第259期)

Vol.31 No.10(Total No. 259)



10
2012

ISSN 1000-6915



中国岩石力学与工程学会 主办
科学出版社 出版



岩石力学与工程学报

2012年10月15日 第31卷 第10期(总第259期)

目次

地下工程建设安全面临的挑战与对策.....	钱七虎 (1945)
隧道软弱围岩挤压大变形非线性流变力学特性研究.....	孙 钧, 潘晓明 (1957)
汶川地震大光包滑坡动力响应特征研究.....	殷跃平, 王 猛, 李 滨, 冯 振 (1969)
岩爆孕育过程的动态调控.....	冯夏庭, 张传庆, 陈炳瑞, 丰光亮, 赵周能, 明华军, 肖亚勤, 段淑倩, 周 辉 (1983)
溪洛渡特高拱坝建设的岩石工程关键技术.....	樊启祥, 周绍武, 李炳锋 (1998)
岩体水力劈裂非稳定渗流影响机制初探.....	王 媛, 颜青青 (2016)
回采工作面多巷布置留巷围岩变形特征与支护技术.....	康红普, 颜立新, 郭相平, 张占涛, 高富强 (2022)
一种新的岩石多尺度本构模型: 增强虚内键模型及其应用.....	张振南, 葛修润 (2037)
溪洛渡拱坝施工期岩体质量评价与大坝稳定分析.....	林 鹏, 康绳祖, 李庆斌, 王仁坤, 汪志林 (2042)
周期来压前受超前降起分布荷载作用的坚硬顶板弯矩和挠度的解析解.....	潘 岳, 顾士坦, 戚云松 (2053)
地下洞库围岩外加固抗炸弹侵略性能研究.....	徐干成, 顾金才, 张向阳, 李成学, 王后裕, 顾旭虎 (2064)
强地震荷载作用下临水挡土墙的拟动力法稳定性分析.....	周小平, 季 璇, 钱七虎 (2071)
应用单元劈裂法模拟三维内嵌裂纹扩展.....	王德咏, 张振南, 葛修润 (2082)
节理岩体裂隙扩展过程一种新改进的弹脆性模拟方法及应用.....	付金伟, 朱维中, 王向刚, 薛伟强 (2088)
纵向裂缝对隧道衬砌承载力的影响分析.....	刘学增, 张 鹏, 周 敏 (2096)
层理对爆破振动传播规律的影响.....	宋全杰, 李海波, 李俊如, 姚文生, 杨风威, 王 秒 (2103)
超大断面隧道软弱破碎围岩空间变形机制与荷载释放演化规律.....	李利平, 李术才, 赵 勇, 王汉鹏, 刘 钦, 原小帅, 赵 岩, 张 骞 (2109)
基于双应变胡克模型的岩石非线性弹性行为分析.....	李连崇, LIU Huihai, 赵 瑜 (2119)
基于三维形态空间分析和仿真试验的岩体结构面剪切强度参数研究.....	江泊浦, 项 伟, JOACHIM Rohn, 姚 远 (2127)
基于激光扫描的高边坡危岩体识别及锚固方法研究.....	刘昌军, 张顺福, 丁留谦, 廖井霞 (2139)
考虑渗流-应力耦合效应的深埋引水隧洞衬砌损伤演化分析.....	刘仲秋, 章 青 (2147)
南京长江隧道工程难点分析及关键技术总结.....	郭信君, 闵凡路, 钟小春, 朱 伟 (2154)
动 态	
本刊2012年增刊1被EI COMPENDEX收录115篇(100%收录).....	(2015)
本刊2012年第6, 7, 8期被EI COMPENDEX收录78篇(100%收录).....	(2063)
下期内容预告.....	(2081)
《岩石力学与岩土工程学报》第一届四次编委扩大会议纪要.....	(I, II)

责任编辑: 付少兰 排版: 易开珍

期刊基本参数 CN 42 - 1397/O3*1982*m*A4*222*zh*P* ¥60.00*3400*22*2012 - 10

Chinese Journal of Rock Mechanics and Engineering

Vol. 31, No. 10 (Total No. 259) Oct. 15, 2012

CONTENTS

- Challenges Faced by Underground Projects Construction Safety and Countermeasures *QIAN Qihu* (1945)
- Research on Large Squeezing Deformation and Its Nonlinear Rheological Mechanical Characteristics of Tunnel with Weak Surrounding Rocks *SUN Jun, PAN Xiaoming* (1957)
- Dynamic Response Characteristics of Daguangbao Landslide Triggered by Wenchuan Earthquake *YIN Yueping, WANG Meng, LI Bin, FENG Zhen* (1969)
- Dynamical Control of Rockburst Evolution Process *FENG Xiating, ZHANG Chuanqing, CHEN Bingrui, FENG Guangliang, ZHAO Zhouneng, MING Huajun, XIAO Yaxun, DUAN Shuqian, ZHOU Hui* (1983)
- Key Technologies of Rock Engineering for Construction of Xiluodu Superhigh Arch Dam *FAN Qixiang, ZHOU Shaowu, LI Bingfeng* (1998)
- Primary Research of Influence of Unsteady Seepage Processes on Hydraulic Fracturing in Rock Mass *WANG Yuan, YAN Qingqing* (2016)
- Characteristics of Surrounding Rock Deformation and Reinforcement Technology of Retained Entry in Working Face with Multi-entry Layout *KANG Hongpu, YAN Lixin, GUO Xiangping, ZHANG Zhantao, GAO Fuqiang* (2022)
- A New Multiscale Constitutive Model for Rock: Augmented Virtual Internal Bond Model and Its Application *ZHANG Zhennan, GE Xiurun* (2037)
- Evaluation of Rock Mass Quality and Stability Analysis of Xiluodu Arch Dam under Construction Phase *LIN Peng, KANG Shengzu, LI Qingbin, WANG Renkun, WANG Zhilin* (2042)
- Analytic Solution of Tight Roof's Bending Moment and Deflection under Swelling Distributive Supporting Pressure *PAN Yue, GU Shitan, QI Yunsong* (2053)
- Penetration Resistivity Research on Anchored Cavern Surface Rock *XU Gancheng, GU Jincui, ZHANG Xiangyang, Li Chengxue, WANG Houyu, XIE Xuhu* (2064)
- Stability Analysis of Water Front Retaining Wall Subjected to Seismic Loads Using Pseudo-dynamic Method *ZHOU Xiaoping, JI Xuan, QIAN Qihu* (2071)
- Simulation of Three-dimensional Embedded Cracks with Element Partition Method *WANG Deyong, ZHANG Zhennan, GE Xiurun* (2082)
- An Improved Elastic-brittle Simulation Method of Crack Propagation Process in Jointed Rock Mass and Its Application *FU Jinwei, ZHU Weishen, WANG Xianggang, XUE Weiqiang* (2088)
- Analysis of Effect of Longitudinal Cracks on Bearing Capacity of Tunnel Lining *LIU Xuezheng, ZHANG Peng, ZHOU Min* (2096)
- Influence of Stratification on Attenuation Law of Blasting Vibration *SONG Quanjie, LI Haibo, LI Junru, YAO Wensheng, YANG Fengwei, WANG Miao* (2103)
- Spatial Deformation Mechanism and Load Release Evolution Law of Surrounding Rock during Construction of Super-large Section Tunnel with Soft Broken Surrounding Rock Masses *LI Liping, LI Shucai, ZHAO Yong, WANG Hanpeng, LIU Qin, YUAN Xiaoshuai, ZHAO Yan, ZHANG Qian* (2109)
- Investigation on Nonlinear Elastic Behaviour of Rocks Based on a Two-part Hooke's Model *LI Lianchong, LIU Huihai, ZHAO Yu* (2119)
- Research on Shear Strength Parameters of Structural Planes in Rock Mass Based on Three-dimensional Morphology Spatial Analysis and Simulation Tests *JIANG Jiwei, XIANG Wei, JOACHIM Rohn, YAO Yuan* (2127)
- Identification of Dangerous Rock Mass of High Slope and Study of Anchoring Method Based on Laser Scanning *LIU Changjun, ZHANG Shunfu, DING Liuqian, LIAO Jingxia* (2139)
- Damage Evolution Analysis of Permeable Lining of Deep Diversion Tunnel Based on Seepage-stress Coupling Theory *LIU Zhongqiu, ZHANG Qing* (2147)
- Summaries of Key Technologies and Difficulties in Nanjing Yangtze River Tunnel Project *GUO Xinjun, MIN Fanlu, ZHONG Xiaochun, ZHU Wei* (2154)

Editor: FU Shaolan

Typist: YI Kaizhen