

岩石力学与工程学报

2005年3月15日 第24卷 第6期(总第145期)

目次

滑坡非线性演化行为的自组织进化识别	杨成祥 冯夏庭 (911)
基于应变非线性软化的圆形硐室围岩弹塑性分析	潘岳 王志强 (915)
天然低渗岩芯分形维数变化原因分析	景贵成 刘福海 俞理 (921)
预应力锚索锚固段的应力分布规律及分析	尤春安 战玉宝 (925)
非均质介质破坏机制及承载力的有限元分析	袁凡凡 弈茂田 闫澍旺等 (929)
边坡抗滑桩加固效果监测分析	沈强 陈从新 汪稔等 (934)
山区高等级公路边坡岩体分级研究	石豫川 王哲 万国荣等 (939)
高温岩体地热资源模拟与预测方法	万志军 赵阳升 康建荣 (945)
具有水平表面岩土斜坡粘弹性位移解析解	薛琳 王在泉 王思敬 (950)
冲击荷载作用下脆性孔洞材料崩塌数值模拟分析	徐松林 郭庆海 唐志平等 (955)
有限板中裂纹应力强度因子的计算	王静 师俊平 (963)
随机介质固热耦合模型与高温岩体地热开发人工储留层二次破裂数值模拟	康健 赵明鹏 赵阳升等 (969)
崩滑体稳定性计算及防治方法研究	池秀文 秦莹 夏元友 (975)
预应力锚杆锚固段长度的研究	张友葩 高永涛 吴顺川 (980)
矿井底板突水的水力劈裂研究	谢兴华 速宝玉 高延法等 (987)
岩体裂隙面数量的三维分形分布仿真理论与技术	赵阳升 文再明 冯增朝 (994)
三维应力作用下单一裂缝中气体渗流规律的理论与实验研究	杨栋 赵阳升 胡耀青等 (999)
饱和土体圆柱形热源热固结问题的一个近似解	白冰 (1004)
基于 ANSYS 平台复杂地质体 FLAC ^{3D} 模型的自动生成	廖秋林 曾钱帮 刘彤等 (1010)
基于能量机理的卸压爆破效果电磁辐射检验法	陆菜平 龚林名 吴兴荣等 (1014)
南京地铁工程勘察中声波测试与分析	徐鸣洁 钟锴 俞缙等 (1018)
浅埋松软地层开挖中管棚注浆法的加固机理及效果分析	伍振志 傅志锋 王静等 (1025)
细粒尾矿堆坝加筋加固模型试验研究	尹光志 魏作安 万玲等 (1030)
南昆铁路支挡结构主动土压力分布图式	蒋忠信 蒋良淮 (1035)
变荷载作用下未打穿竖井地基固结分析	刘加才 施建勇 赵维炳等 (1041)
光面爆破空气垫层装药轴向不耦合系数理论研究	宗琦 陆鹏举 罗强 (1047)
桥梁钻孔灌注桩施工中高温冻土地基温度场动态监测与研究	原喜忠 马巍 刘永智 (1052)
大面积堆载作用下软土地基变形特性	金宗川 顾国荣 韩黎明等 (1056)
南京地铁车站下穿既有铁路站场施工技术研究	李兆平 李铭凯 黄庆华 (1061)
秦沈客运专线路基振动测试分析	聂志红 李亮 刘宝琛等 (1067)
研究进展与工程实录	
锚杆 $p-s$ 曲线的双折线荷载传递解析算法	张洁 尚岳全 叶彬 (1072)
青藏铁路多年高含冰量冻土爆破漏斗的试验研究	张俊兵 潘卫东 傅洪贤 (1077)
青藏铁路沿线主要次生不良冻土现象的调查和机理分析	余绍水 潘卫东 史聪慧等 (1082)
青藏铁路昆仑山隧道洞内气温及地温分布特征现场试验研究	张先军 (1086)
博士学位论文摘要	
盐类矿床水压致裂水溶开采的多场耦合理论及应用研究	梁卫国 (1090)
岩土中填充与空腔解耦爆炸的化爆模拟实验研究	王占江 (1091)
基于层叠模型的盾构隧道施工对周围环境的影响	范厚彬 (1092)
动态	
下期内容预告	(933)
新书简介	(968), (974), (1066), (1071)
第五届全国地面岩石工程学术会议中南地区岩石力学与工程学术会议 第1号通知	(1034)

责任编辑：付少兰

期刊基本参数 CN42-1397/O3*1982*s*A4*188*zh*P*¥25.00*3000*34*2005-03

Chinese Journal of Rock Mechanics and Engineering

Vol. 24 , No. 6 (Total No. 145) March , 2005

CONTENTS

- Evolutionary Self-organizing Identification of Nonlinear Dynamics of Landslides YANG Cheng-xiang , FENG Xia-ting (911)
- Elasto-plastic Analysis on Surrounding Rock of Circular Chamber Based on Strain Nonlinear Softening PAN Yue , WANG Zhi-qiang (915)
- Analysis of Changeable Cause for the Fractal Dimension in the Natural Low-permeable Cores JING Gui-cheng , LIU Fu-hai , YU Li (921)
- Distributing Characters and Analysis of Stresses in Prestressed Cables YOU Chun-an , ZHAN Yu-bao (925)
- Finite Element Analysis on Failure Mechanism and Bearing Capacity Behavior of Inhomogeneous Subsoil YUAN Fan-fan , LUAN Mao-tian , YAN Shu-wang , et al (929)
- Monitoring and Analysis of Reinforcement Effect on Slope Anti-slide Piles SHEN Qiang , CHEN Cong-xin , WANG Ren , et al (934)
- Study of Mountain Highway Slope Mass Rating SHI Yu-chuan , WANG Zhe , WAN Guo-rong , et al (939)
- Simulation and Forecast Method of Geothermal Resources in Hot Dry Rock WAN Zhi-jun , ZHAO Yang-sheng , KANG Jian-rong (945)
- Analytic Solution of Visco-elastic Displacement for Horizontal Surface Slope XUE Lin , WANG Zai-quan , WANG Si-jing (950)
- Numerical Investigation on Void Collapse for Brittle Porous Materials Subjected to Shock Loading XU Song-lin , GUO Qing-hai , TANG Zhi-ping , et al (955)
- Calculation of Stress Intensity Factor for Crack in a Finite Plate WANG Jing , SHI Jun-ping (963)
- Random Non-homogeneous Solid-heat Coupled Model and Numerical Simulations of Second Fracturing for Man-made-reserve Stratum in HDR KANG Jian , ZHAO Ming-peng , ZHAO Yang-sheng , et al (969)
- Study of Stability Calculation and Harness Engineering on Landslide CHI Xiu-wen , QIN Ying , XIA Yuan-you (975)
- Study on Bonding Length of Prestress Anchor Bar ZHANG You-pa , GAO Yong-tao , WU Shun-chuan (980)
- Numerical Study on Water Inrush above a Confined Aquifer in Coal Mining Using Hydro-fracturing XIE Xing-hua , SU Bao-yu , GAO Yan-fa , et al (987)
- Three-dimensional Fractal Distribution Emulation and Technique of the Crack Face Number in Rock Mass ZHAO Yang-sheng , WEN Zai-ming , FENG Zeng-chao (994)
- Theoretical and Experimental Studies on Gas Seepage Law in a Single Fracture under 3D Stresses YANG Dong , ZHAO Yang-sheng , HU Yao-qing , et al (999)
- Approximate Solution of Thermal Consolidation of Cylindrical Heat Source with Infinite Length for Saturated Soils BAI Bing (1004)
- Automatic Model Generation of Complex Geologic Body with FLAC^{3D} Based on ANSYS Platform LIAO Qiu-lin , ZENG Qian-bang , LIU Tong , et al (1010)
- Electromagnetic Emission Testing Method for the Effect of Relieve-shot Based on Energy Mechanism LU Cai-ping , DOU Lin-ming , WU Xing-rong , et al (1014)
- Acoustic Measurement and Analysis in Nanjing Subway Engineering Investigation XU Ming-jie , ZHONG Kai , YU Jin , et al (1018)
- Study of Support Mechanism and Effect of Shed-pipe Grouting Technology for Tunneling Construction in Shallow-buried Soft Stratum WU Zhen-zhi , FU Zhi-feng , WANG Jing , et al (1025)
- Test Study on Stability of Fine Grained Tailings Dam in Geo-grid Reinforcement Situation YIN Guang-zhi , WEI Zuo-an , WAN Ling , et al (1030)
- Distribution Map Forms of Active Earth Pressure on Retaining Structures in Nanning—Kunming Railway JIANG Zhong-xin , JIANG Liang-wei (1035)
- Consolidation of Ground with Partially Penetrated Vertical Drains under Time-dependent Loading LIU Jia-cai , SHI Jian-yong , ZHAO Wei-bing , et al (1041)
- Theoretical Study on Axial Decoupling Coefficients of Smooth Blasting with Air Cushion Charging Construction ZONG Qi , LU Peng-ju , LUO Qiang (1047)
- Study on Thermal Regime of High-temperature Frozen Soil while Construction of Cast-in-place Pile YUAN Xi-zhong , MA Wei , LIU Yong-zhi (1052)
- Deformation Properties of Soft Subsoil under Large-scale Preload JIN Zong-chuan , GU Guo-rong , HAN Li-ming , et al (1056)
- A Study of Construction Technique for the Nanjing Subway Station under the Nanjing Railway Station LI Zhao-ping , LI Ming-kai , HUANG Qing-hua (1061)
- Testing and Analysis on Vibration of Subgrade for Qinhuangdao—Shenyang Railway NIE Zhi-hong , LI Liang , LIU Bao-chen , et al (1067)
- Analytic Calculation of $p - s$ Curve of Bolts Based on Bilinear Load-transfer Function ZHANG Jie , SHANG Yue-quan , YE Bin (1072)
- Experimental Study on the Explosion Crater of Ice-rich Frozen Soil along Qinghai—Tibet Railway ZHANG Jun-bing , PAN Wei-dong , FU Hong-xian (1077)
- Investigation and Mechanism Analysis of the Major Secondary Harmful Frozen-soil Phenomena along Qinghai—Tibet Railway YU Shao-shui , PAN Wei-dong , SHI Cong-hui , et al (1082)
- Field Experiment on Distribution Characters of Air Temperature and Ground Temperature in Kunlunshan Tunnel of Qinghai—Tibet Railway ZHANG Xian-jun (1086)