

# 岩石力学与工程学报

2006年4月15日 第25卷 第4期(总第169期)

## 目次

中国高放废物深地质处置(英文).....	王 驹 苏 锐 陈伟明等 (649)
Opalinus 硬泥岩热反应的监控与模拟(英文).....	张春良 Rothfuchs Tilmann Wieczorek Klaus 等 (659)
高放废物工程屏障的热-水-力耦合作用分析(英文).....	Gens A. Antonio Olivella Sebastià (670)
比利时高放废物处置库设计及与基岩和工程屏障体系的热-水-力性状的相关研究(英文).....	李香绫 Bernier Frédéric Bel Johan (681)
工程屏障中的气体迁移(英文).....	Eduardo E. Alonso (693)
DECOVALEX_IV Task_D 项目的热-水-力耦合过程的数值模拟(英文).....	刘泉声 张程远 刘小燕 (709)
微观结构对用于工程屏障的高压实膨胀黏土性状的一些作用(英文).....	Delage Pierre (721)
OPHELIE 回填混合物的热-水-力耦合特征(英文).....	E. Romero 李香绫 (733)
缓冲胶结的反应-传递模型的试验校正(英文).....	Randolph Arthur ZHOU Wei XU Tianfu 等 (741)
核废物深部地质处置方案及试验(英文).....	张春良 王 驹 苏 坤 (750)
一种缓冲回填材料的筛选及其特性: 西班牙实例(英文).....	Villar María Victoria Astudillo Julio Huertas Fernando (768)
Grimsel 现场的气体渗透试验(英文).....	Fujiwara A Okamoto S Tsuboya T 等 (781)
高庙子膨润土的土水特征曲线(英文).....	陈 宝 钱丽鑫 叶为民等 (788)
中国高放废物处置库缓冲材料物理性能(英文).....	温志坚 (794)
高放废物地质处置及其若干关键科学问题.....	王 驹 陈伟明 苏 锐等 (801)
法国 ANDRA 放射性废物地质处置可行性研究综述.....	苏 坤 Lebon Patrick (813)
甘肃北山预选区岩体力学与渗流特性研究.....	杨春和 王贵宾 王 驹等 (825)
放射性废物地质处置中主要岩石力学问题.....	井兰如 冯夏庭 (833)
高放核废物地质处置中工程屏障研究新进展.....	崔玉军 陈 宝 (842)
废弃盐穴地下储气库稳定性研究.....	陈卫忠 伍国军 戴永浩等 (848)
岩石应力-水力-化学耦合过程研究进展.....	周 辉 冯夏庭 (855)

## 动 态

下期内容预告.....	(732)
本刊 2005 年第 24 卷全年 EI COMPENDEX 收录情况通报.....	(767)
《岩石力学与工程学报》、《岩土力学》联合致作者公开信——关于一稿多投的处理意见.....	(800)

责任编辑: 林松清

期刊基本参数 CN 42 - 1397/O3\*1982\*m\*A4\*222\*zh+en\*P\*¥ 40.00\*3000\*21\*2006 - 04

# Chinese Journal of Rock Mechanics and Engineering

Vol. 25, No. 4 (Total No. 169) April, 2006

## CONTENTS

Deep Geological Disposal of High-level Radioactive Wastes in China.....	WANG Ju, SU Rui, CHEN Weiming, et al	(649)
Monitoring and Modeling of Responses of the Opalinus Clay to Heating.....		
.....	ZHANG Chunliang, Rothfuchs Tilmann, Wieczorek Klaus, et al	(659)
Coupled Thermo-hydro-mechanical Analysis of Engineered Barriers for High-level Radioactive Waste.....		
.....	Gens A. Antonio, Olivella Sebastià	(670)
The Belgian HLW Repository Design and Associated R&D on the THM Behaviour of the Host Rock and EBS.....		
.....	LI Xiangling, Bernier Frédéric, Bel Johan	(681)
Gas Migration through Barriers.....	Eduardo E. Alonso	(693)
Numerical Modelling and Simulation of Coupled THM Processes in Task_D of DECOVALEX_IV.....		
.....	LIU Quansheng, ZHANG Chengyuan, LIU Xiaoyan	(709)
Some Microstructure Effects on the Behaviour of Compacted Swelling Clays Used for Engineered Barriers.....	Delage Pierre	(721)
Thermo-hydro-mechanical Characterization of OPHELIE Backfill Mixture.....	E. Romero, Li Xiangling	(733)
Experimental Calibration of a Reactive-transport Model of Buffer Cementation.....		
.....	Randolph Arthur, ZHOU Wei, XU Tianfu, et al	(741)
Concepts and Tests for Disposal of Radioactive Waste in Deep Geological Formations.....		
.....	ZHANG Chunliang, WANG Ju, SU Kun	(750)
Selection and Characterization of a Reference Sealing Material: the Spanish Case.....		
.....	Villar María Victoria, Astudillo Julio, Huertas Fernando	(768)
Gas Migration Test at the Grimsel Test Site.....	Fujiwara A, Okamoto S, Tsuboya T, et al	(781)
Soil-water Characteristic Curves of Gaomiaozi Bentonite.....	CHEN Bao, QIAN Lixin, YE Weimin, et al	(788)
Physical Property of China's Buffer Material for High-level Radioactive Waste Repositories.....	WEN Zhijian	(794)
Geological Disposal of High-level Radioactive Waste and Its Key Scientific Issues.....		
.....	WANG Ju, CHEN Weiming, SU Rui, et al	(801)
ANDRA's Feasibility Study on Deep Geological Disposal of High-level Long-lived Radioactive Waste.....		
.....	SU Kun, Lebon Patrick	(813)
Study on Rock Mass Mechanics and Seepage Characteristics of Candidate Site—Beishan, Gansu Province.....		
.....	YANG Chunhe, WANG Guibin, WANG Ju, et al	(825)
Main Rock Mechanics Issues in Geological Disposal of Radioactive Wastes.....	JING Lanru, FENG Xiating	(833)
Recent Advances in Research on Engineered Barrier for Geological Disposal of High-level Radioactive Nuclear Waste.....		
.....	CUI Yujun, CHEN Bao	(842)
Stability Analysis of Abandoned Salt Caverns Used for Underground Gas Storage.....		
.....	CHEN Weizhong, WU Guojun, DAI Yonghao, et al	(848)
Advances in Coupled Mechanical-hydro-chemical Processes in Rocks.....	ZHOU Hui, FENG Xiating	(855)