

采矿与安全工程学报

2010年第27卷第4期

目次

松软破碎井筒综合加固技术研究与实践	康红普, 林健, 杨景贺, 等	(447)
超高水材料开放式充填开采研究	冯光明, 王成真, 李凤凯, 等	(453)
充填开采控制地表沉陷的关键因素分析	瞿群迪, 姚强岭, 李学华, 等	(458)
巷道局部弱支护围岩应力场及稳定性分析	李顺才, 张春, 缪协兴, 等	(463)
保护层的分类及判定方法研究	刘洪永, 程远平, 赵长春, 等	(468)
赵楼井田深部地应力的构造控制机理	汪吉林, 李耀民, 姜波, 等	(475)
断层附近煤巷锚杆支护破碎围岩稳定机理研究	肖同强, 柏建彪, 李金鹏, 等	(482)
大倾角仰(俯)采场顶板破断的薄板模型分析	张益东, 程敬义, 王晓溪, 等	(487)
煤矿火区启封后复燃预测的BP神经网络模型	周福宝, 李金海	(494)
采动诱发断层滑移失稳的研究	李志华, 窦林名, 陆振裕, 等	(499)
高温环境下大理岩热损伤特性的试验研究	张连英, 茅献彪, 李天珍	(505)
两柱掩护式综放支架的承载规律及工艺研究	杨培举, 刘长友, 金太	(512)
小煤柱沿空掘巷围岩变形控制机理研究	赵国贞, 马占国, 孙凯, 等	(517)
基于瓦斯监测数据的矿井通风系统合理性评价	邢玉忠, 范红伟, 王彦凯, 等	(522)
高应力破碎岩巷注锚支护技术	黄新贤, 周钢, 祁和刚, 等	(527)
动力扰动诱发顶板断裂的数值模拟分析	魏明尧, 王恩元, 刘晓斐, 等	(532)
动压软岩巷道破坏机理及控制技术研究	唐芙蓉, 王连国, 张华磊, 等	(537)
突出煤样声发射特性及发射源试验研究	赵洪宝, 杨胜利, 仲淑垣	(543)
金矿采场结构参数混沌优化	刘钦, 刘志祥, 刘爱华, 等	(548)
不同含水量黄土-筋带接触特性试验及应用研究	乔来军, 周国庆, 商翔宇, 等	(553)
急斜煤层开采覆岩非均衡破坏机理分析	王明立, 张玉卓, 张华兴	(558)
用Fisher判别法评价矿井通风系统安全可靠性的	史秀志, 周健	(562)
综放面采空区氧化带分布规律的CFD模拟	时国庆, 王德明, 仲晓星, 等	(568)
高瓦斯煤层冲击地压与突出的诱发转化条件研究	王振, 尹光志, 胡千庭, 等	(572)
薄基岩煤层覆岩裂隙演化的分形特征研究	李振华, 丁鑫品, 程志恒	(576)
深部坚硬细砂岩长期强度试验	刘传孝, 贺加栋, 张美政, 等	(581)
基于进化算法的矿山岩层运动模型识别系统研究	赵同彬, 谭云亮, 张泽, 等	(585)
利用三维地震技术探测覆岩变形破坏研究	潘冬明, 程久龙, 李德春, 等	(590)
高强度锚索支护技术及在潞安矿区的应用	孙玉福	(595)
双结构面对岩体强度影响的模拟分析	尹立明, 张培森	(600)
硅藻土粉体抑制瓦斯爆炸的实验研究	程方明, 邓军, 罗振敏, 等	(604)
《采矿与安全学报》2010年总目录		(608)
《采矿与安全学报》获第三届中国高校优秀科技期刊奖		(493)

Journal of Mining & Safety Engineering

Vol. 27 No. 4 2010

Contents

Study and Practice on Combined Technology for Reinforcing Soft and Fractured Shaft	KANG Hong-pu, LIN Jian, YANG Jing-he, et al	(447)
Research on Open Back-Filling with Highly-Water-Absorbing Material	FENG Guang-ming, WANG Cheng-zhen, LI Feng-kai, et al	(453)
Key Factors Affecting Control Surface Subsidence in Backfilling Mining	QU Qun-di, YAO Qiang-ling, LI Xue-hua, et al	(458)
Analysis on Stress Field and Stability of Rock Surrounding Roadway with Local Short Supporting	LI Shun-cai, ZHANG Chun, MIAO Xie-xing, et al	(463)
Classification and Judgment Method of the Protective Layers	LIU Hong-yong, CHENG Yuan-ping, ZHAO Chang-chun, et al	(468)
Structure Control Mechanism on Deep In-Situ Stress in Zhaolou Mine Field	WANG Ji-lin, LI Yao-min, JIANG Bo, et al	(475)
Stabilization Mechanism of Crushed Surrounding Rock in Coal Roadway with Bolt Support Near Fault	XIAO Tong-qiang, BAI Jian-biao, LI Jing-peng, et al	(482)
Thin Plate Model Analysis on Roof Break of Up-Dip or Down-Dip Mining Stope	ZHANG Yi-dong, CHENG Jing-yi, WANG Xiao-xi, et al	(487)
Prediction Model for Reignition of Fire Zone After Unsealing Based on BP Neural Networks	ZHOU Fu-bao, LI Jin-hai	(494)
Study of the Fault Slide Destabilization Induced by Coal Mining ...	LI Zhi-hua, DOU Lin-ming, LU Zhen-yu, et al	(499)
Experimental Research on Thermal Damage Properties of Marble at High Temperature	ZHANG Lian-ying, MAO Xian-biao, LI Tian-zhen	(505)
Research on the Load Variation Laws and Technologic Effect of Two-Leg Sublevel Caving Shield Support	YANG Pei-ju, LIU Chang-you, JIN Tai	(512)
Research on Deformation Controlling Mechanism of the Narrow Pillar of Roadway Driving Along Next Goaf	ZHAO Guo-zhen, MA Zhan-guo, SUN Kai, et al	(517)
Rationality Evaluation of Coal Mine Ventilation System Based on Gas Monitoring Data	XING Yu-zhong, FAN Hong-wei, WANG Yan-kai, et al	(522)
Grouting and Bolt Support Technology for High-Stressed-and-Cracked Rock Roadway	HUANG Xin-xian, ZHOU Gang, QI He-gang, et al	(527)
Numerical Simulation of Roof Fracture Induced by Dynamic Disturbance	WEI Ming-yao, WANG En-yuan, LIU Xiao-fei, et al	(532)
Failure Mechanism of Dynamically-Pressured Soft Rock Roadway and Control Technology	TANG Fu-rong, WANG Lian-guo, ZHANG Hua-lei, et al	(537)
Analysis on the AE Characteristics of Outburst-Hazardous Coal Under Different Loading Mode	ZHAO Hong-bao, YANG Sheng-li, ZHONG Shu-heng	(543)
Chaotic Optimization of Structural Parameters in Gold Mining Field	LIU Qin, LIU Zhi-xiang, LIU Ai-hua, et al	(548)
Test of Mechanical Behavior of Loess-Geobelt Interface with Different Water Content	QIAO Lai-jun, ZHOU Guo-qing, SHANG Xiang-yu, et al	(553)
A Theoretical Analysis on Asymmetric Failure of Overburden in Steep Coal Mining	WANG Ming-li, ZHANG Yu-zhuo, ZHANG Hua-xing	(558)
Reliability Assessment for Mine Ventilation System Safety Using Fisher Discriminant Analysis	SHI Xiu-zhi, ZHOU Jian	(562)
CFD Simulation of Oxidation Zones Distribution in Goaf of Fully-Mechanized Caving Face	SHI Guo-qing, WANG De-ming, ZHONG Xiao-xing, et al	(568)
Inducing and Transforming Conditions from Rockburst to Coal-Gas Outburst in a High Gassy Coal Seam	WANG Zhen, YIN Guang-zhi, HU Qian-ting, et al	(572)
Research on Fractal Characteristics of Overlying Strata Crack Evolution in Coal Seam with Thin Bedrock	LI Zhen-hua, DING Xin-pin, CHENG Zhi-heng	(576)
Long-Term Strength Test and Application of Hard Fine Sandstone in Deep Site	LIU Chuan-xiao, HE Jia-dong, ZHANG Mei-zheng, et al	(581)
Model Recognition System For Mine Strata Movement Based on Evolutionary Algorithm	ZHAO Tong-bin, TAN Yun-liang, ZHANG Ze, et al	(585)
Using the 3D Seismic Exploration Technique to Detect Deformation and Failure of Overburden	PAN Dong-ming, CHENG Jiu-long, LI De-chun, et al	(590)
Application of High Strength Cable Bolting Technology in Lu'an Coal Mining Area	SUN Yu-fu	(595)
Simulation Analysis of Rock Mass Strength Affected by Dual Structural Plane	YIN Li-ming, ZHANG Pei-sen	(600)
Experimental Study on Inhibiting Gas Explosion Using Diatomite Powder	CHENG Fang-ming, DENG Jun, LUO Zhen-min, et al	(604)