

采矿与安全工程学报

2015 年 第 32 卷 第 6 期 (卷终)

目 次

基于梁结构的急斜煤层综放工作面顶板变形特征	来兴平, 李云鹏, 王宁波, 刘永红, 闫鹏佳	(871)
冲沟地貌下浅埋煤层开采矿压规律及顶板控制技术	王方田, 屠世浩, 张艳伟, 宋 启, 闫瑞龙, 段超华	(877)
基于 SOM 的深埋厚大矿体采场结构参数优化研究	徐 帅 安 龙, 李元辉 邬 金	(883)
基于微裂纹演化的煤层底板损伤破裂与渗流演化过程数值模拟	陆银龙, 王连国	(889)
基于未确知测度理论的薄基岩厚松散含水层下煤层安全开采区域划定	曾佳龙, 刘 琼 黄 锐, 关燕鹤, 刘 博, 汤宗超, 况成彬, 张少军	(898)
基于 BP 神经网络的导水裂隙带高度预测	李振华, 许延春, 李龙飞, 翟常治	(905)
煤层底板突水变权脆弱性评价模型参数灵敏度分析	李 博 武 强	(911)
基于 InSAR 技术的老采空区地表沉降监测与分析	邓喀中, 王刘宇, 范洪冬	(918)
不同加载速率下岩样损伤演化的声发射特征研究	曹安业, 井广成, 窦林名, 王桂峰, 刘 赛, 王常彬, 姚肖肖	(923)
错层位巷道围岩能量耗散分析	张俊文, 拾 强, 刘志军, 李兴伟, 赵景礼	(929)
固体充填采煤沿空留巷围岩稳定性控制研究	巨 峰, 陈志维, 张 强 黄 鹏 邵 阳, 兰立信	(936)
沿空留巷巷旁支护参数分析与钢管混凝土墩柱支护技术研究	王 军, 高延法, 何晓升, 黄万朋, 高琨鹏, 杨 柳, 冯绍伟	(943)
采动压力对锚杆支护结构渐进损伤的数值模拟和实验研究	李青锋, 周 泽, 朱川曲	(950)
深部软岩巷道围岩变形机制及支护技术研究	张红军, 李海燕, 李术才, 白继文, 郝亭宇, 李红伟	(955)
深部半煤岩回采巷道变形破坏机理及支护对策研究	金 淦, 王连国, 李兆霖, 张继华	(963)
底板锚索及胶囊管帷幕注浆技术控制深井巷道底鼓研究	常聚才, 何礼品	(968)
巷道底板锚杆(索)高效施工装置研制及应用	王其洲, 谢文兵, 荆升国	(973)
大跨度巷道顶板垮冒规律与减跨支护技术研究	李 冲, 曹 悦, 程争民, 徐金海, 陈 梁	(978)
大段面冻结斜井表土段井壁冻结压力实测分析	王建州, 周国庆, 高润飞, 樊耀广, 魏国军, 鲍 强, 王 涛, 周檀君	(984)
冻结黏土蠕变模型的模糊随机辨识与综合选优	姚亚锋, 程 桦, 荣传新, 黎明镜, 蔡海兵, 宋 健	(989)
人工冻土融沉试验及融沉系数预测研究	陶祥令, 马金荣, 黄 凌	(996)
特殊地层中一种双层井壁结构的应力计算	姜立军, 董建军, 赵 利	(1004)
三轴条件下完整岩石 Hoek-Brown 强度准则的改进	李 斌, 许梦国, 刘艳章, 王 平	(1010)
含孔岩石双轴加载过程声发射多参数特征对比分析	魏嘉磊, 刘善军, 吴立新, 黄建伟, 张艳博, 田宝柱	(1017)
渗流-应力耦合下的裂隙岩体劈裂模型研究	聂韬译, 浦 海, 刘桂宏, 肖 成, 倪宏阳	(1026)
远距离煤层群采动区应力场与瓦斯流动场耦合机制研究及应用	田富超, 秦玉金, 梁运涛, 昌孝存	(1031)
煤层瓦斯压力受控于采动应力的“异步-同步”特征研究	胡祖祥, 谢广祥	(1037)
烟道气预防采空区自燃的数值模拟及参数确定	贾宝山, 尹 彬, 张卫亮, 韩 光	(1043)
《采矿与安全工程学报》2015 年总目次		(1049)
“2015 科学采矿论坛”暨“第十八届矿压理论与实践研讨会”召开		(882)
《采矿与安全工程学报》2015 年第 3~5 期 Ei 收录情况		(1025)

Contents

Roof deformation characteristics with full-mechanized caving face based on beam structure in extremely inclined coal seam	<i>LAI Xingping, LI Yunpeng, WANG Ningbo, LIU Yonghong, YAN Pengjia</i>	(871)
Ground pressure rules and roof control technology for the longwall mining of shallow seam beneath the gully topography	<i>WANG Fangtian, TU Shihao, ZHANG Yanwei, SONG Qi, YAN Ruilong, DUAN Chaohua</i>	(877)
SOM-based optimization of stope structural parameters of deep & large-sized orebody	<i>XU Shuai, AN Long, LI Yuanhui, WU Jin</i>	(883)
Numerical modeling of mining-induced fracturing and flow evolution in coal seam floor based on micro-crack growth	<i>LU Yinlong, WANG Lianguo</i>	(889)
Safety area delimiting of coal mining under thick loosened aquifer with thin bedrock based on unascertained measure theory <i>ZENG Jialong, LIU Qiong, HUANG Rui, GUAN Yanhe, LIU Bo, TANG Zongchao, KUANG Chengbin, ZHANG Shaojun</i>		(898)
Forecast of the height of water flowing fractured zone based on BP neural networks	<i>LI Zhenhua, XU Yanchun, LI Longfei, ZHAI Changzhi</i>	(905)
An analysis of parameters sensitivity for vulnerability assessment of groundwater inrush during mining from underlying aquifers based on variable weight model	<i>LI Bo, WU Qiang</i>	(911)
InSAR-based monitoring and analysis of ground subsidence in old goaf ...	<i>DENG Kazhong, WANG Liuyu, FAN Hongdong</i>	(918)
Damage evolution law based on acoustic emission of sandy mudstone under different uniaxial loading rate	<i>CAO Anye, JING Guangcheng, DOU Linming, WANG Guifeng, LIU Sai, WANG Changbin, YAO Xiaoxiao</i>	(923)
Analysis of energy dissipation for stagger arrangement roadway surrounding rock	<i>ZHANG Junwen, SHI Qiang, LIU Zhijun, LI Xingwei, ZHAO Jingli</i>	(929)
Surrounding rock stability control in gob-side entry retaining with solid backfilling in coal mining technology	<i>JU Feng, CHEN Zhiwei, ZHANG Qiang, HUANG Peng, TAI Yang, LAN Lixin</i>	(936)
The analysis of roadside supporting parameters and the support technology in the concrete filled steel tubular column in goaf-side entry retaining	<i>WANG Jun, GAO Yanfa, HE Xiaosheng, HUANG Wanpeng, GAO Kunpeng, YANG Liu, FENG Shaowei</i>	(943)
Experimental and numerical simulation study on the progressive damage on the anchorage by the dynamic pressure in mining	<i>LI Qingfeng, ZHOU Ze, ZHU Chuanqu</i>	(950)
Deformation mechanism of surrounding rock and support technology in deep soft rock roadway	<i>ZHANG Hongjun, LI Haiyan, LI Shucai, BAI Jiwen, HAO Tingyu, LI Hongwei</i>	(955)
Study on the gateway rock failure mechanism and supporting practice of half-coal-rock extraction roadway in deep coal mine	<i>JIN Gan, WANG Lianguo, LI Zhaolin, ZHANG Jihua</i>	(963)
A research on cable supporting and curtain grouting of hydraulic hose controlling the roadway floor heave in deep coal mine	<i>CHANG Jucui, HE Lipin</i>	(968)
The research and application on high-efficiency construction equipment of roadway's floor bolt and cable	<i>WANG Qizhou, XIE Wenbing, JING Shengguo</i>	(973)
Roof collapse laws and reducing-span support technology in long-span roadway	<i>LI Chong, CAO Yue, CHENG Zhengmin, XU Jinhai, CHEN Liang</i>	(978)
Measurement research of freezing pressure for large cross section mine inclined freezing shaft sinking in alluvium <i>WANG Jianzhou, ZHOU Guoqing, GAO Runfei, FAN Yaoguang, WEI Guojun, BAO Qiang, WANG Tao, ZHOU Tanjun</i>		(984)
Fuzzy random identification and comprehensive selection for frozen clay creep model	<i>YAO Yafeng, CHENG Hua, RONG Chuanxin, LI Mingjing, CAI Haibing, SONG Jian</i>	(989)
A study of the prediction of artificial frozen soil thaw settlement test and thaw settlement coefficient	<i>TAO Xiangling, MA Jinrong, HUANG Ling</i>	(996)
Stress calculation for a double layer shaft in special strata	<i>JIANG Lijun, DONG Jianjun, ZHAO Li</i>	(1004)
Modified Hoek-Brown strength criterion for intact rocks under the condition of triaxial stress test	<i>LI Bin, XU Mengguo, LIU Yanzhang, WANG Ping</i>	(1010)
Comparative analysis on different AE parameters in biaxial loading of hole rock	<i>WEI Jialei, LIU Shanjun, WU Lixin, HUANG Jianwei, ZHANG Yanbo, TIAN Baozhu</i>	(1017)
Research on splitting failure model of fractured rock mass under the coupling effect of seepage-stress	<i>NIE Taoyi, PU Hai, LIU Guihong, XIAO Cheng, NI Hongyang</i>	(1026)
The application research of overlying strata stress field and gas flow field coupling mechanism under the long vertical distance coal seam group mining conditions ...	<i>TIAN Fuchao, QIN Yujin, LIANG Yuntao, CHANG Xiaocun</i>	(1031)
A research of asynchronous and synchronous characteristics of coal seam gas pressure controlled by the mining-induced stress	<i>HU Zuxiang, XIE Guangxiang</i>	(1037)
Numerical simulation and parameter determination in goaf spontaneous combustion prevention by injecting flue gas	<i>JIA Baoshan, YIN Bin, ZHANG Weiliang, HAN Guang</i>	(1043)