

ISSN 1672-7940

工程地球物理学报

CHINESE JOURNAL OF ENGINEERING GEOPHYSICS

本刊荣获首届《CAJ-CD规范》执行优秀期刊奖
《中国学术期刊（光盘版）》全文收录期刊
中国学术期刊综合评价数据库来源期刊
中国数字化期刊群全文收录期刊
《中国知网》全文收录期刊



ISSN 1672-7940



9 771672 794122

中国地质大学（武汉）
长江大学 主办

5

第10卷 第5期
Vo1.10 No.5 2013

万方数据

工程地球物理学报

GONGCHENG DIQIU WULI XUEBAO

2013年 第10卷 第5期

9月30日出版 双月刊 公开发行人

目次

歧口凹陷陡坡扇地震地质模型正演与应用	
..... 岳英,陈淑芹,周宗良,郭淑文,国春香,池永红(591)	
三维可视化技术在含气砂岩储层预测中的应用	任云鹏,阎建国,侯磊,赵玉红(597)
鄂尔多斯盆地G区块储层有利区预测	余若愚,高飞,祁攀文,刘柯(602)
断层识别与定量解释方法进展	方红萍,顾汉明(609)
一种自动叠前偏移速度分析方法的实现和处理	熊慧中,唐杰,王建伟,王敏(616)
叠前反演技术在YA地区的应用	王筱,崔宝雷,龚盈盈,陈岭,李东亮,杨艳(621)
浅层地震反射波法和高密度电法联合在地质灾害评价中的应用	
..... 卓武,陈长敬,陈松,曾静波(625)	
浅层地震折射波法在候家梁隧道地质勘查中的应用	彭骁,王鹏(631)
复杂工程地震勘探中的剩余时差	廖键,赵宪生,刘沛然(637)
二维地震勘探在找煤中的应用	张琳,张慧利,景喜林,陈燕,刘继芳(642)
声波测试技术在地下油库选址勘查中的应用	王新杰,杨进平,王菅超,雷鸣,刘文增(648)
高频大地电磁测深法静态效应校正研究	胡清龙,张继伟,唐洪武(652)
高频大地电磁法与地震折射波法在某隧道隐伏断层勘探中的综合应用	孙茂锐,罗术(657)
关于CSAMT法若干问题的探讨	马婵华,鲁霞,赵玉红,李颖(661)
三维模型拟合二维剖面数据反演调研	孔亚丽,刘谋荣,胡刚,邓珊(666)
并行电法在矿井复杂水文区域防治水探查工作中的应用	张枫林,付茂如(673)
电法勘探在某辉锑矿采空区探测中的应用	夏中广,郭莹(676)
高密度电法在公路大长隧道勘察中的应用	罗术,孙茂锐(683)
高密度电阻率法在隧道勘察中的应用	周峰,蓝泽鸾,林文东(687)
利用磁测井法检测灌注桩钢筋笼长度	伍卓鹤,张秀颀,刘辉东,陈穗生,陈晓燕(693)
高精度磁测在某铁矿勘探中的应用	贾东力,余常华(700)
Laplacian算子对重力梯度张量边界定位效果的探讨	别路,张秀颀(706)
综合物探在河北涞源明长城下采空塌陷区勘察中的应用	刘国辉,郝海强,温来福(714)
综合物探方法在滑坡勘查中的应用	张光大,张磊,鲁勇波,宋玉强(719)
综合物探方法在采空塌陷区地质灾害勘查中的应用	王宾,韩晓南,王康东(725)
基于GprMax的隧道衬砌地质雷达检测正演模拟与实测数据分析	
..... 孙忠辉,刘金坤,张新平,盖锦辉,蔡扬(730)	
图像识别技术在基桩质量检测中的应用研究	董承全,颜胜才,陈辉,孟军涛(736)
广州市数字强震台站建设及河源等地的地震记录特征	张丽霞(740)
征稿简则,欢迎订阅	(601,630,647,705)

本期责任编辑:王敏 王晓明 方熠 英文审校:刘惠华 刊名题字:刘光鼎

期刊基本参数:CN42-1694/TV * 2004 * b * A4 * 154 * zh * P * ¥15.00 * 2000 * 28 * 2013-09

Contents

Steep Slope Fan Seismic Forward Modeling of Qikou Depression and Its Application	591
..... Yue Ying, Chen Shuqin, Zhou Zongliang, Guo Shuwen, Guo Chunxiang, Chi Yonghong	
The Application of 3D Visualization Technology to Gas-bearing Sand Reservoir Prediction	597
..... Ren Yunpeng, Yan Jianguo, Hou Lei, Zhao Yuhong	
The Reservoir Prediction of Favorable Areas in Block G of Ordos Basin	602
..... Yu Ruoyu, Gao Fei, Qi Panwen, Liu Ke	
New Advances in Theory and Application of Fault Identification and Quantify Interpretation	609
..... Fang Hongping, Gu Hanming	
A Method for Implement and Processing the Automatic Seismic Pre-stack Migration Velocity Analysis	616
..... Xiong Huizhong, Tang Jie, Wang Jianwei, Wang Min	
The Application of Prestack Seismic Inversion to YA Area	621
..... Wang Xiao, Cui Baolei, Gong Yingying, Chen Ling, Li Dongliang, Yang Yan	
The Application of Joint Method of Shallow Seismic and High-Density Resistivity Method to Evaluation of Geological Disasters	625
..... Zhuo Wu, Chen Changjing, Chen Song, Zeng Jingbo	
The Application of Shallow Seismic Refraction to Houjialiang Tunnel Exploration	631
..... Peng Xiao, Wang Peng	
The Residual Moveout of the Complex Seismic Exploration	637
..... Liao Jian, Zhao Xiansheng, Liu Peiran	
The Application of 2D Seismic Exploration Technology to Coal Exploration	642
..... Zhang Lin, Zhang Huili, Jing Xilin, Chen Yan, Liu Jifang	
The Application of Acoustical Testing Technique in Site Selection of Oil Cellar	648
..... Wang Xinjie, Yang Jinping, Wang Yingchao, Lei Ming, Liu Wenzeng	
The Study of Static Effects and Correction in High Frequency Magnetotelluric Method	652
..... Hu Qinglong, Zhang Jiwei, Tang Hongwu	
The Integrated Application of High Frequency Electromagnetic and Seismic Refraction Methods to Hidden Fault of Tunnel Exploration	657
..... Sun Maorui, Luo Shu	
Discussion of Several Issues about CSAMT Method	661
..... Ma Chanhua, Lu Xia, Zhao Yuhong, Li Ying	
The Study on Inverting 2D Profile Data Using 3D Inversion Model	666
..... Kong Yali, Liu Mourong, Hu Gang, Deng Shan	
The Application of the Parallel Electrical Method to the Water Prevention Exploration in Complex Hydrological Mine Areas	673
..... Zhang Fenglin, Fu Maoru	
The Application of Electrical Prospecting to the Exploration of a Stibnite Goaf	676
..... Xia Zhongguang, Guo Ying	
The Application of the High-density Resistivity Method to Exploration of Long Tunnels	683
..... Luo Shu, Sun Maorui	
The Application of High Density Resistivity Method to Tunnel Exploration	687
..... Zhou Feng, Lan Zeluang, Lin Wendong	
Detecting the Length of Bored Pile Steel Reinforcement Cage by Magnetic Logging Method	693
..... Wu Zhuohe, Zhang Xiuqi, Liu Huidong, Chen Suisheng, Chen Xiaoyan	
The Application of Ground High-Precision Magnetic Survey to Magnetite Exploration in One Area	700
..... Jia Dongli, Yu Changhua	
A Study of the Effect About Laplacian Operator on the Gradient Tensor Boundary Identification	706
..... Bie Lu, Zhang Xiuqi	
The Application of Comprehensive Geophysical Prospecting to the Survey of Goaf Collapse in the Great Wall of Hebei Laiyuan	714
..... Liu Guohui, Hao Haiqiang, Wen Laifu	
The Application of Integrated Geophysical Method to Landslide Exploration	719
..... Zhang Guangda, Zhang Lei, Lu Yongbo, Song Yuqiang	
The Application of Integrated Geophysical Methods to Investigating Geological Hazards in Mined-out Collapse Areas	725
..... Wang Bin, Han Xiaonan, Wang Kangdong	
The Tunnel Lining Detection Forward Numerical Simulation and Measured Data Analysis Based on GprMax	730
..... Sun Zhonghui, Liu Jinkun, Zhang Xinping, Gai Jinhui, Cai Yang	
Study on Application of Image Recognition Technology to Pile Quality Testing	736
..... Dong Chengquan, Yan Shengcai, Chen Hui, Meng Juntao	
The Establishment of Guangzhou Digital Strong Motion Stations and Earthquake Record Features in Heyuan	740
..... Zhang Lixia	