

中国地震

第 34 卷 第 1 期 2018 年

目次

研究综述

旋转运动在地震学中的应用概述····· 张佩 刘文义 袁艺 李君(1)

研究论文

基于水库气枪震源数据的频域水准比例因子反褶积方法分析·····
····· 游秀珍 李军 林彬华 黄艳丹 巫立华 郭阳(14)

气枪震源水中能量辐射特性研究····· 董明荣 符力耘 邢超 杨军 李孝宾(25)

基于蒙特卡洛方法的地震目录模拟及相符性检验——以汾渭地震带为例·····
····· 邵霄怡 王晓青 窦爱霞 袁小祥(35)

新疆库尔勒断层氢气浓度的影响因素及其地震预测的潜在效能评价·····
····· 向阳 孙小龙 高小其 朱成英 李娜(48)

川滇菱形块体东边界地震精定位····· 傅莺 龙锋 王世元(60)

2015 年新疆皮山 6.5 级地震序列震源机制特征分析····· 孙昭杰 李金 黄瑜 桂荣(71)

用 P 波初动法测定 2014 年 11 月 22 日康定 6.3 级地震的震源机制 ·····
····· 袁乃荣 孔韩东 郭祥云(83)

山西洪洞井水位对远场大震的响应特征分析·····
····· 李颖 殷伟伟 胡玉良 程冬焱 穆慧敏(93)

平凉台井下地电阻率观测影响系数分析····· 赵斐 叶青 解滔 范晔 张远富(104)

云南地区地壳速度模型研究及应用····· 杨晶琼 杨周胜 张会苑(112)

江西地区地方性震级的量规函数与台基校正研究·····
····· 项月文 陈浩 肖孟仁 曾文敬 肖健(122)

利用不同倾斜仪和应变仪检测地球自由振荡的对比与分析····· 孟方杰 张燕(133)

山东地磁台网受宁东高压直流输电干扰预处理质量分析·····
····· 林秀娜 曲保安 贾立国 陈传华 范晓勇 王强 邢伟伟 袁倩 池国民(141)

地震电磁扰动感应式磁传感器研制····· 卢永 张敏 王佳 单菡 戴波(150)

研究报道

2017 年震情述评 ····· 姜祥华 王月 韩颜颜 薛艳 杨文 臧阳 邓世广
马亚伟 姚琪 宋金 史海霞 张小涛 孟令媛 周龙泉(157)

EARTHQUAKE RESEARCH IN CHINA

Vol.34 No.1 2018

CONTENTS

- Review of the Application of Rotational Motions in Seismology ... *Zhang Pei Liu Wenyi Yuan Yi Li Jun*(1)
- Analysis of Frequency Domain Water-level Deconvolution Method Based on Reservoir Airgun Source Data
..... *You Xiuzhen Li Jun Lin Binhua Huang Yandan Wu Lihua Guo Yang*(14)
- Research on the Underwater Energy Radiation Characteristics of the Airgun Seismic Source
..... *Dong Mingrong Fu Liyun Xing Chao Yang Jun Li Xiaobin*(25)
- Seismic Inventory Simulation and Conformance Test Based on the Monte Carlo Method—A Case Study of the
Fenwei Belt *Shao Xiaoyi Wang Xiaoping Dou Aixia Yuan Xiaoxiang*(35)
- The Influential Factors of Fault Hydrogen Concentration and the Potential Efficiency Evaluation of Earthquake
Prediction in Korla, Xinjiang *Xiang Yang Sun Xiaolong Gao Xiaoqi Zhu Chengying Li Na*(48)
- Precise Location of Earthquakes at the Eastern Boundaries of Diamond Block of Sichuan-Yunnan
..... *Fu Ying Long Feng Wang Shiyuan*(60)
- Analysis of the Focal Mechanism of the 2015 Pishan, Xinjiang, M_s 6.5 Mainshock and Aftershock Sequences
..... *Sun Zhaojie Li Jin Huang Yu Gui Rong*(71)
- Determination of Kangding M_w 6.3 Earthquake's Focal Mechanism Using the Onset of P-wave
..... *Yuan Nairong Kong Handong Guo Xiangyun*(83)
- The Characteristics Analysis on Co-seismic Response of Water Level to Remote Strong Earthquakes in the
Hongtong Well, Shanxi *Li Ying Yin Weiwei Hu Yuliang Cheng Dongyan Mu Huimin*(93)
- Sensitivity Coefficient Analysis of the Deep-well Apparent Resistivity Measurement of the Pingliang Seismic
Station *Zhao Fei Ye Qing Xie Tao Fan Ye Zhang Yuanfu*(104)
- Study on Crustal Velocity Model and Its Application in the Yunnan Region
..... *Yang Jingqiong Yang Zhousheng Zhang Huiyuan*(112)
- Study on Correction Values of Calibration Function and Station Foundation of Local Magnitude in the Jiangxi
Region *Xiang Yuewen Chen Hao Xiao Mengren Zeng Wenjing Xiao Jian*(122)
- Contrast and Analysis of Detection of the Earth's Free Oscillation Using Different Tiltmeter and Strainmeter
..... *Meng Fangjie Zhang Yan*(133)
- Quality Analysis of the Preprocessing Data of the Shandong Geomagnetic Network during the Disturbance by
the Ning-Dong High Voltage Direct Current Transmission
..... *Lin Xiuna Qu Bao'an Jia Ligu Chen Chuanhua Fan Xiaoyong
Wang Qiang Xing Weiwei Yuan Qian Chi Guomin*(141)
- Development of Inductive Magnetic Sensor for Earthquake Electro-magnetic Disturbance
..... *Lu Yong Zhang Min Wang Jia Shan Han Dai Bo*(150)
- A Review of Seismicity in 2017
..... *Jiang Xianghua Wang Yue Han Yanyan Xue Yan Yang Wen Zang Yang Deng Shiguang
Ma Yawei Yao Qi Song Jin Shi Haixia Zhang Xiaotao Meng Lingyuan Zhou Longquan*(157)