

中国科技核心期刊



ISSN 0253-4967

CN 11-2192/P

CODEN DDIZD4

地震地质

SEISMOLOGY AND GEOLOGY

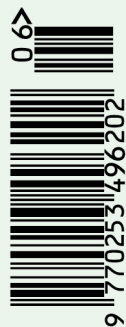
第42卷 第3期 Vol. 42 No. 3

2020



中国地震局地质研究所

ISSN 0253-4967



9 770253 496202

万方数据

地震地质
第四十一卷
第三期
二〇二〇年六月

地震地质

(2020年6月 第42卷 第3期)

目次

2019年四川长宁6.0级地震主震及中强余震($M_s \geq 4.0$)的震源机制及其应力场
..... 梁姗姗 徐志国 盛书中等(547)

利用小震分布和区域应力场确定龙滩库区地震断层参数 阎春恒 周斌 李莎等(562)

深地震反射剖面揭示的华北地块南缘地壳的精细结构 鄯少英 刘保金 李倩等(581)

新疆天山中段的震源机制解与构造应力场特征分析 张志斌 赵晓成 任林(595)

由km尺度的跨断层基线测量断层近场运动与变形
——川滇块体东边界2个场地的初步实验 曹建玲 张晶 闻学泽等(612)

利用HVSr方法研究广州地区的场地效应及估算地震灾害特征 宗健业 孙新蕾 张鹏(628)

琼东北马鞍山-雷虎岭火山区深部岩浆系统大地电磁三维探测 孙翔宇 詹艳 赵国泽等(640)

高阶交错网格和PML吸收边界在横向各向同性介质地震波场模拟中的应用 陈洁 朱守彪(654)

活动褶皱地区横向河演化与风口形成的研究进展和案例分析 曹喜林 耿豪鹏 潘保田等(670)

夏垫断裂荣家堡探槽揭示的断裂活动特征及未来地震危险性概率评价 余中元 潘华 沈军等(688)

青海达日断裂中段晚第四纪活动性与1947年 $M7\frac{3}{4}$ 地震地表破裂带再研究
..... 梁明剑 杨耀 杜方等(703)

岩石加载变形过程中超声尾波与声发射变化的实验 杨海明 陈顺云 刘培洵等(715)

2种基于Matlab平台的断层位移测量软件对比分析
——以阿尔金断裂东段为例 康文君 徐锡伟 于贵华等(732)

基于模板匹配的地震应急制图方法 徐敬海 周海军 聂高众等(748)

防震减灾公共服务现状与需求全国公众调查结果分析 董丽娜 连尉平 陈为涛等(762)

责任编辑: 万园 赵雯佳 编辑: 周兴志 英文审校: 尹志军

SEISMOLOGY AND GEOLOGY

(Vol.42 No.3 Jun. 2020)

CONTENTS

- Focal mechanism solutions and stress field of the 2019 Changning, Sichuan mainshock and its moderate-strong aftershocks($M_s \geq 4.0$) LIANG Shan-shan, XU Zhi-guo, SHENG Shu-zhong, *et al.*(547)
- Determination of fault plane parameters in the Longtan reservoir by using precisely located small earthquake data and regional stress field YAN Chun-heng, ZHOU Bin, LI Sha, *et al.*(562)
- The fine crustal structure of the southern margin of North China Block revealed by deep seismic reflection profile FENG Shao-ying, LIU Bao-jin, LI Qian, *et al.*(581)
- Focal mechanism solution and tectonic stress field characteristics of the middle Tianshan Mountains, Xinjiang ZHANG Zhi-bin, ZHAO Xiao-cheng, REN Lin(595)
- Near-fault displacement and deformation obtained from one-kilometer-long fault-crossing baseline measurements—A preliminary experiment at 2 sites on the eastern boundary of the Sichuan-Yunnan block CAO Jian-ling, ZHANG Jing, WEN Xue-ze, *et al.*(612)
- Site effect and earthquake disaster characteristics in Guangzhou area from horizontal-to-vertical spectral ratio (*HVSR*) method..... ZONG Jian-ye, SUN Xin-lei, ZHANG Peng(628)
- Magnetotelluric imaging of magma distribution beneath Ma'anling and Leihuling volcanoes of northeastern Hainan, China SUN Xiang-yu, ZHAN Yan, ZHAO Guo-ze, *et al.*(640)
- The application of PML boundary conditions in the simulation of seismic wave by the high-order staggered-grid finite differences at the transversely isotropic media CHEN Jie, ZHU Shou-biao(654)
- Development of transverse dranges and formation of wind gaps on actively growing fold: Review and case study CAO Xi-lin, GENG Hao-peng, PAN Bao-tian, *et al.*(670)
- The activity features of Xiadian fault zone revealed by Rongjiabao trench and its probabilistic seismic hazard evaluation YU Zhong-yuan, PAN Hua, SHEN Jun, *et al.*(688)
- Late Quaternary activity of the central segment of the Dari Fault and restudy of the surface rupture zone of the 1947 $M7\frac{3}{4}$ Dari earthquake, Qinghai Province..... LIANG Ming-jian, YANG Yao, DU Fang, *et al.*(703)
- Experimental study on the changes of ultrasonic coda wave and acoustic emission during rock loading and deformation..... YANG Hai-ming, CHEN Shun-yun, LIU Pei-xun, *et al.*(715)
- Comparison study of two kinds of codes to measure fault-offsets based on Matlab: A case study on eastern Altyn Tagh Fault..... KANG Wen-jun, XU Xi-wei, YU Gui-hua, *et al.*(732)
- Research on earthquake emergency mapping method based on template match XU Jing-hai, ZHOU Hai-jun, NIE Gao-zhong, *et al.*(748)
- Investigation of status and demand on public service of earthquake disaster mitigation in China DONG Li-na, LIAN Wei-ping, CHEN Wei-tao, *et al.*(762)