

目次

泸定地震专栏

2022 年四川泸定 $M_s6.8$ 地震近场强震动模拟 王玉婕 张丽芬 孙晓丹 赵艳南 等(441)

现代大地测量

TGD 改正对 BDS-3 新频点单点定位的影响分析 杜彦君 贾小林 姚硕强 李佳豪(447)

多频 BDS-3/Galileo/GPS 长基线相对定位性能分析 ... 吕震 王振杰 刘金萍 王洪强 等(452)

基于 B1C/B2a 观测数据的北斗卫星精密定轨及广播星历轨道分析
..... 任琛 叶锦颖 王晨 李振洪(459)

基于 SSA 探测 GPS 坐标时间序列的阶跃 苏利娜 翟宏光 王秋宁 田晓静(464)

基于多源测高数据建立平均海面高模型..... 宋昊天 文汉江 程鹏飞 刘焕玲 等(467)

一种改进的单站 TEC 快速估计与短期预报方法 姜子欣 章浙涛 何秀凤 李媛 等(474)

GPT3 模型在安徽地区的性能 蔡子民 屈小川 赖山东 高飞 等(481)

地壳运动

升降轨融合的施工区域 InSAR 地表形变监测 王勇 陈岩 王沛 李绍陟 等(487)

方差膨胀模型用于 GNSS/加速度计融合变形监测 景策 黄观文 张勤 李昕 等(491)

基于位移与应变场的滑坡体时空形变特征研究..... 曹冬冬(498)

2022 年门源 $M_w6.6$ 地震震源破裂滑动分布 张旻 董晴 谭凯(505)

2021 年云南漾濞地震 InSAR 监测及断层滑动分布反演 安岩 杨帆(509)

地震地质

基于自适应神经模糊推理的竖向地震动参数预测模型..... 游 珊 胡其志 张洁 张严方(517)

sPL 震相在海城地区震源深度测定中的应用..... 杨士超 王亮 孙庆山 焦明若 等(523)

2021-09-16 泸县 $M_s6.0$ 地震前波速比变化研究 陈丽娟 陈学忠 李艳娥(529)

观测技术

洞体应变、水管倾斜仪低频段记录数据差异的对比研究 崔庆谷 曹白伦 李燕玲(534)

新型摆式倾斜仪的信号调理方法..... 闫柏霖 周云耀 吕永清(538)

通渭井下地电阻率观测系统建设与应用..... 赵洁 高曙德 魏小刚 郭赞 等(543)

Contents

Near-Field Strong Motion Simulation of the 2022 Luding $M_s6.8$ Earthquake in Sichuan Province
..... WANG Yujie ZHANG Lifan SUN Xiaodan ZHAO Yaman et al (441)

Influence of Timing Group Delay on BDS-3 New Signals Single Point Positioning
..... DU Yanjun JIA Xiaolin YAO Wanqiang LI Jiahao (447)

Analysis on the Performance of Multi-Frequency BDS-3/Galileo/GPS Long-Baseline Relative Positioning
..... LÜ Zhen WANG Zhenjie LIU Jinping WANG Hongqiang et al (452)

Precision Orbit Determination and Broadcast Ephemeris Orbit Analysis of Beidou Satellite Based on B1C/B2a Observation Data
..... REN Chen YE Jinying WANG Chen LI Zhenhong (459)

Detecting Offsets in GPS Coordinate Time Series Based on SSA Method
..... SU Lina ZHAI Hongguang WANG Qiuning TIAN Xiaojing (464)

Establishment of Mean Sea Surface Height Model Based on Multi-Source Altimetry Data
..... SONG Haotian WEN Hanjiang CHENG Pengfei LIU Huanling et al (467)

An Improved Single-Station TEC Fast Estimation and Short-Term Forecast Method
..... JIANG Zixin ZHANG Zhetao HE Xiufeng LI Yuan et al (474)

Performance of GPT3 Model in Anhui Province QI Zimin QU Xiaochuan LAI Shandong GAO Fei et al (481)

Surface Deformation Monitoring of Construction Area Based on InSAR Technology
..... WANG Yong CHEN Yan WANG Pei LI Shaozhi et al (487)

GNSS/Accelerometer Fusion Deformation Monitoring Based on Variance Inflation Model
..... JING Ce HUANG Guanwen ZHANG Qin LI Xin et al (491)

Spatial and Temporal Characteristics of the Deformation Field of Landslide Mass Based on Displacements and Strain Fields
..... CAO Dongdong (498)

Source Rupture Slip Distribution of the 2022 Menyuan $M_w6.6$ Earthquake
..... ZHANG Min DONG Qing TAN Kai (505)

InSAR Monitoring and Inversion of Fault Slip Distribution for the 2021 Yangbi Earthquake in Yunnan Province
..... AN Yan YANG Fan (509)

A Method Based on Adaptive Neuro Fuzzy Inference System to Predict Vertical Ground Motion Parameters
..... YOU Shan HU Qizhi ZHANG Jie ZHANG Yanfang (517)

The Application of the sPL Phase in Haicheng Area in Determination of Focal Depth
..... YANG Shichao WANG Liang SUN Qingshan JIAO Mingruo et al (523)

Performance of Wave Velocity Ratio before Luxian $M_s6.0$ Earthquake on September 16, 2021
..... CHEN Lijuan CHEN Xuezhong LI Yan'e (529)

Performance of Extension-Meter and Water-Tube Tiltmeter in Low-Frequency Based on Amplitude-Spectrum of Recording
Data at the Same Site CUI Qinggu CAO Bailun LI Yanling (534)

A Signal Conditioning Method for New Pendulum Tiltmeter YAN Bolin ZHOU Yunyao LÜ Yongqing (538)

Construction and Application of Underground Resistivity Observation System in Tongwei Station
..... ZHAO Jie GAO Shude WEI Xiaogang GUO Yun YAO Saisai et al (543)