

# 华 南 地 震

2010 年 第 30 卷 第 3 期

## 目 次

- 深圳市断裂新活动与地震研究进展 ..... 马浩明, 陈庞大, 李运贵 (1)  
基于人工神经网络的珠江三角洲地壳稳定性研究 ..... 詹美珍, 詹文欢, 姚衍桃 (11)  
钢筋混凝土梁抗震性能指标分析 ..... 万海涛, 韩小雷 (21)  
福建省“九五”地震监测台网台站震级校正及单台震级应用研究  
..... 张红才, 金星, 马强, 韦永祥, 李军, 陈慧芳 (27)  
南海北部第四系厚度分布图的编制与简要说明  
..... 任镇寰, 杨廉法, 李春初, 王文介 (37)  
豫北地区地震活动性研究 ..... 谢智, 谢健健, 王磊, 龚倩 (42)  
福建水口库区地震活动及其动力成因分析 ..... 林松建, 郑师春, 林琛, 张颖 (53)  
广州市农居建筑物现状及抗震能力分析 ..... 何萍, 王挺, 傅冠华 (63)  
宁夏“九五”与“十五”前兆观测系统整合  
..... 马文娟, 许文俊, 常明, 李芳芳, 梅浩, 赵刚, 张锦玲 (69)  
地基隔震减震机理研究 ..... 毛尚礼, 余湘娟, 张富有 (75)  
龙岩台 VS 型垂直摆倾斜仪常见故障分析  
..... 刘其寿, 杨佩琴, 张年明, 黄晓华, 王绍然, 赖福霖 (81)  
避震疏散场所规划在实际中的应用 ..... 李晋, 陈小芳, 聂树明, 杜鹏, 吴英琴 (86)  
江西数字地震台网近震震级偏差与量规函数关系的研究  
..... 项月文, 曾文敬, 罗丽, 肖健, 谢彩妹 (95)  
六安地震台 TJ-II 井下体应变观测与资料初析 ..... 赵楠, 江沛春, 李罡风 (105)  
丽江井水温动态在中强以上地震前异常特征  
..... 杨跃文, 勒程, 褚金学, 任佳, 和玉权, 李丽红 (111)  
瞬态面波法在滑坡勘察中的应用效果 ..... 庄师柳 (116)  
华南地区地震目录 ( $M_L \geq 3.0$ , 2010-07~2010-09) ..... (41)

\*

\*

\*

\*

---

期刊基本参数: CN44-1266/P \* 1981 \* q \* 16 \* 122 \* zh \* p \* ¥10.00 \* 1000 \* 16 \* 2010-03

本期责任编辑: 李健梅

编 校: 李健梅, 宫会玲

英文审校: 宫会玲

# SOUTH CHINA JOURNAL OF SEISMOLOGY

Vol.30 No.3 2010

## CONTENTS

Advances on New Activity of Faults and Earthquakes in Shenzhen City	MA Haoming, CHEN Panglong, LI Yungui (1)
Evaluation of Regional Crust of the Pearl River Delta Base on BP Artificial Neural Network	ZHAN Meizhen, ZHAN Wenhuan, YAO Yantao (11)
Analyses of Seismic Performance index for RC Beam	WAN Haitao, HAN Xiaolei (21)
Studies on Single Station's Magnitude Biases Correction in Fujian "nine-five" Earthquake Network and Its Applications	ZHANG Hongcui, JIN Xing, MA Qiang, WEI Yongxiang, LI Jun, CHEN Hufang (27)
The Drawing and Introduce to the Distribution Map of the Quaternary Thickness in the Northern South China Sea	REN zhenhuan, YANG lianfa, GUO qinghua, Lichunyong, Wang wenjie (37)
Studies on Earthquake Activity in Yubei Region	XIE Zhi, XIE Jianjian, WANG Lei, GONG Qian (42)
The Earthquake Activity and Its Dynamic Origin in Shuikou Reservoir Area, Fujian	LIN Songjian, ZHENG Shichun, LIN Chen, ZHANG Ying (53)
The Present Situation of Rural Buildings and Its Earthquake Resistance Capability in Guangzhou	HE Ping, WANG Ting, FU Guanhua (63)
The Integration of Precursor Observation System of "The Ninth Five-Year Plan" and "The Tenth Five-Year Plan" in NingXia	MA Wenjuan, XU Wenjun, CHANG Ming, LI Fangfang, MEI Hao, ZHAO Gang, ZHANG Jinling (69)
Study on Mechanism of Ground's Seismic Isolation and Shock Absorption	MAO Shangli, YU Xianguan, ZHANG Fuyou (75)
The Common Fault Analysis of VS Vertical Pendulum Tiltmeter at Longyan Seismographic Station	LIU Qishou, YANG Peiqin, ZHANG Nianming, HUANG Xiaohua, WANG Shaoran, LAI Fulin (81)
The Practical Application of Planning of Evacuation Place for Earthquakes	LI Jin, CHEN Xiaofang, NIE Shuming, DU Peng, WU Yingqin (86)
Study on the Relationship Between Magnitude Deviation of Near Earthquakes and Calibration Function in Jiangxi Digital Seismic Network	XIANG Yuwen, ZENG Wenjing, LUO Li, XIAO Jian, XIE Caimei (95)
Lu'an TJ-2 Borehole Strain Seismic Observation and Data Analysis	ZHAO Nan, JIANG Peichun, ZHANG Guanghua, LI Gangfeng, JING Tao (105)
Relationship of Bore-hole Water Temperature Anomalies and medium-strong earthquakes in Lijiang well	YANG Yuwen, LE Cheng, CHU Jinxue, REN Jia, HE Yuquan, LI Lihong (111)
Applications of the Transient Surface Wave Method in Landslide Investigation	ZHUANG Shiliu (116)

---

Managing Editor of This Issue: LI Jianmei

Examiner of English Abstracts: GONG Huiling