

# 测绘科学技术学报

JOURNAL OF GEOMATICS SCIENCE AND TECHNOLOGY

2012年 第29卷 第4期



ISSN 1673-6338



9 771673 633062

万方数据

信息工程大学测绘学院主办

2012

Vol.29 No.4



## 目 次

地理空间可视分析及其研究方向综述 ..... 华一新,曹亚妮,李响(235)

基于有理函数模型的线阵 CCD 遥感影像水平纠正技术 ..... 巩丹超,汤晓涛,张丽(240)

高分辨率卫星影像几何精度真实性检验方法 ..... 许妙忠,尹粟,黄小波(244)

3 种格网改正数法实现 DGN 图形无缝坐标转换 ..... 白洁,郑凤娇,李江卫,黄兵杰(249)

小波消噪技术在非陀螺寻北系统中的应用 ..... 王成宾,管斌,白云超(254)

基于第二类无奇点根数的改进根数 ..... 张中凯,杜兰,旦增曲英,张建功(257)

加权最小二乘估计的多波束声强数据归一化方法  
..... 孙文川,肖付民,金绍华,朱小辰,武同元,田勤(262)

混沌特征参数对神经网络预测电离层 TEC 的影响分析 ..... 李淑慧,彭军还(267)

基于 MODIS 与 GPS 的 D-InSAR 大气延迟改正量提取  
..... 王江涛,邓喀中,范洪冬,刘晓菲,李斌(271)

低空遥感小型三轴陀螺稳定平台的设计与实现 ..... 张强,吴云东,张超(276)

一种基于嫦娥一号 CCD 影像的影像匹配方法 ..... 何钰,蓝朝楨,邢帅(281)

基于 GPS/IMU 的红外影像直接定位技术 ..... 彭希隆,赵红,范永弘,刘军(285)

混合式球面退化剖分模型的设计与编码 ..... 李正国,包全福,张永生,靳彩娇(289)

分色版 EPS 文件的自动合成方法 ..... 邓术军,魏斌,刘诗德,孙冰(294)

面向对象的基态修正模型改进及查询方法 ..... 陆纳纳,李景文,苏浩,花维慧(299)

面状居民地匹配的空间认知特点研究 ..... 许俊奎,武芳,魏慧峰,姬存伟,钱海忠(303)

ID3 决策树推理模型及其在道路网选取中的应用  
..... 郭敏,钱海忠,黄智深,刘海龙,鞠金春(308)

副主编:张晓森 司顺奇(专职) 值班编辑:安敏  
 责任编辑:陶大欣 陈四清 安敏 编务:范培英

期刊基本参数: CN 41-1385/P \* 1984 \* A4 \* 80 \* zh \* P \* ¥10.00 \* 3 000 \* 17 \* 2012-08

## CONTENTS

- Summarization of Geospatial Visual Analytics and Its Research Directions  
 ..... HUA Yixin, CAO Yani, LI Xiang(235)
- The Transformation from Tilted Image to Horizontal Image of Line Camera Based on  
 the Rational Function Model ..... GONG Danchao, TANG Xiaotao, ZHANG Li(240)
- Methods for Geometric Accuracy Validation of High-Resolution Satellite Imagery  
 ..... XU Miaozhong, YIN Su, HUANG Xiaobo(244)
- Applications of Three Methods of Grid Coordinate Corrections in Graphic  
 Conversion Based on DGN File ..... BAI Jie, ZHENG Fengjiao, LI Jiangwei, HUANG Bingjie(249)
- Noise Elimination of Signal for Gyroless North Seeker on Wavelet Analysis  
 ..... WANG Chengbin, GUAN Bin, BAI Yunchao(254)
- Improved Elements Based on Second Class of No-Singularity Variables  
 ..... ZHANG Zhongkai, DU Lan, DAN Zengquying, ZHANG Jianquan(257)
- Normalization of Multibeam Echo Intensity Based on Weighted Least Squares Estimation  
 Method ..... SUN Wenchuan, XIAO Fumin, JIN Shaohua, ZHU Xiaochen, WU Tongyuan, TIAN Xun(262)
- Impact Analysis of Chaotic Character Parameters on Neural Network Based  
 Ionospheric TEC Prediction ..... LI Shuhui, PENG Junhuan(267)
- Extraction of D-InSAR Atmospheric Delay Correction Based on MODIS and GPS  
 ..... WANG Jiangtao, DENG Kazhong, FAN Hongdong, LIU Xiaofei, LI Bin(271)
- Design and Realization of Small Three-Axis Gyro Stabilized Platform in the  
 Area of Low-Altitude Remote Sensing ..... ZHANG Qiang, WU Yundong, ZHANG Chao(276)
- A Method of Image Matching Based on CE-1 CCD Image  
 ..... HE Yu, LAN Chaozhen, XING Shuai(281)
- Direct Location of Infrared Images Based on GPS/IMU  
 ..... PENG Xilong, ZHAO Hong, FAN Yonghong, LIU Jun(285)
- Subdividing and Coding for Mix Spherical Degenerated Grid  
 ..... LI Zhengguo, BAO Quanfu, ZHANG Yongsheng, JIN Caijiao(289)
- The Automatic Combination of Separate EPS Files  
 ..... DENG Shujun, WEI Bin, LIU Shide, SUN Bing(294)
- Improved Base State with Amendments Model Based on the Object-Oriented  
 ..... LU Nana, LI Jingwen, SU Hao, HUA Weihui(299)
- Research on Spatial Cognition Character of Areal Settlement Matching Process  
 ..... XU Junkui, WU Fang, WEI Huifeng, JI Chunwei, QIAN Haizhong(303)
- ID3 Decision Tree Oriented Knowledge Reasoning Model and Its Application in Road  
 Network Selection ..... GUO Min, QIAN Haizhong, HUANG Zhishen, LIU Hailong, JU Jinchun(308)