



目次

第 47 卷 第 5 期

科技专栏·低空遥感数据获取与智能处理

- 基于高分辨率无人机影像的太阳能热水器自动检测算法研究 张志文, 孙保金, 徐 岱, 刘志东 (1)
- 无人机倾斜摄影测量在大比例尺地形图数学精度检测中的应用 常 岑, 朱晋哲, 王道洋, 梁 成, 段顺旭 (7)
- 激光雷达在长江口无居民岛屿地形测绘中的应用 黄 波, 孟 陈, 丁海健, 杜 锐, 魏小岛, 唐玉娟 (12)

理论 研究

- 应急情况下机场跑道抢修方案模型 顾一帆, 谌 颂, 东野升鹏, 程 亮 (16)
- 地铁上盖运动场施工对运营地铁结构的影响分析 杨 旭, 戴正彬, 臧光勇 (24)
- 高差差分改进模型及改正方法 王孟穹, 李远文, 殷道光 (29)
- 长三角区域一体化大地基准建设探讨 ... 张理想, 马卫春, 陈晓岚, 王 勇, 冯杨民 (34)
- 部件级三维实体融合匹配策略研究与应用 于 双 (39)
- 基于点密度图和倾斜模型联动的建筑物快速采集方法研究 席加伟, 何燕兰 (44)
- 运用词向量的地理要素检索与匹配技术研究 李学锡, 居 飞 (48)

应用 技术

- LAS 点云坐标及格式多线程转换方法 钱承军, 戴相喜, 丁圳祥 (51)
- 南京市竣工验收阶段“多测合一”模式探讨与应用 李佳佳, 王 庆, 朱理想 (56)
- ArcPy 在城市国土空间监测成果质量检查中的应用 徐 涛, 朱周华, 申亚斌, 耿 俊 (61)
- “一码+ ”三维地籍融合应用建设 曹洪权, 魏友保, 苏巧灵 (65)
- 基于 ArcPy 的耕地核实检查统计分析方法研究 薛 娇, 高 磊, 秦慧杰 (71)
- 基于 GIS 的燃气管网爆管分析算法优化及系统建立 李敬唐 (74)
- 工科背景下 GIS 专业中地理课程体系的合理构建 吴云清, 施 歌, 张云鹏 (81)

现代测绘

Modern Surveying and Mapping

1978年创刊



2024

双月刊

CONTENTS

Vol47 No.5

Research on Automatic Solar Water Heater Inspection Algorithm Based on High Resolution UAV Images	
..... ZHANG Zhi-wen, SUN Bao-jin, XU Dai, LIU Zhi-dong (1)	
Application of Drone Oblique Photogrammetry in Mathematical Accuracy Detection of Large-Scale Topographic Maps	
CHANG Cen, ZHU Jin-zhe, WANG Dao-yang, LIANG Cheng, DUAN Shun-xu (7)	
Application of LiDAR in Topographic Surveying of Uninhabited Islands in the Yangtze River Estuary	
HUANG Bo, MENG Chen, DING Hai-jian, DU Rui, WEI Xiao-dao, Tang Yu-juan (12)	
A Solution of Airport Runway Repair in Emergency	
..... GU Yi-fan, CHEN Song, DONGYE Sheng-kun, CHENG Liang (16)	
Analysis of the Impact of the Construction of a Sports Ground above the Metro on the Structure of the Operating Metro	
..... YANG Xu, Dai Zheng-bin, ZANG Guang-yong (24)	
Height Difference Model Improvement and Calculation Method for Deformation Points	
WANG Meng-qiong, LI Yuan-wen, YIN Dao-guang (29)	
Research on the Construction Technology of Regional Integrated Geodetic Datum in the Yangtze River Delta	
ZHANG Li-xiang, MA Wei-chun, CHEN Xiao-lan, WANG Yong, FENG Yang-min (34)	
Research and Application of Component Level 3D Solid Fusion Matching Strategy	
YU Shuang (39)	
Research on Rapid Mapping Method of Building Using Linkage Point Density Map and Tilt Model	
XI Jia-wei, HE Yan-lan (44)	
Research on Geographic Feature Retrieval and Matching Technology Using Word Vector	
LI Xue-xi, JU Fei (48)	
Multi-Threaded Conversion Method of Point Cloud Coordinates and Format Based on LAS-Format	
QIAN Cheng-jun, DAI Xiang-xi, DING Zhen-xiang (51)	
Discussion and Application of the “ Multiple Measurement in One ” Model in Nanjing’s Completion and Acceptance Stage	
..... LI Jia-jia, WANG Qing, ZHU Li-xiang (56)	
Application of Arcpy in Data Quality Inspection of Urban Land Spatial Monitoring Results	
XU Tao,ZHU Zhou-hua,SHEN Ya-bin,GENG Jun (61)	
“One code + ” 3D Cadastral Integration Application Aonstruction	
..... CAO Hong-quan, WEI You-bao, SU Qiao-ling (65)	
Research on the Statistical Analysis Method of Farmland Verification Inspection Based on ArcPy	
XUE Jiao, GAO Lei, QIN Hui-jie (71)	
Optimization of Gas Pipe Network Burst Analysis Algorithm Based on GIS and Establishment of Related System	
LI Jing-tang (74)	
Reasonable Construction of Geography Curriculum System in GIS Major under the Background of Engineering	
WU Yun-qing, SHI Ge, ZHANG Yun-peng(81)	