

目次

2018年第6期(总第41卷第230期)

博士园地

- 一种基于最小四叉树分块和特征夹角的零水印算法 樊彦国,柴江龙,韩志聪,等(1)
- 以科研项目为导向的“探究式”教学探索与实践——以GNSS原理与应用课程改革为例 赵桂玲,王崇倡,祝会忠(5)
- 应用型本科院校茅以升班“工程测量”课程教学研究及实践 鲁明星,吴晓红,乔京生,等(8)
- 地方应用型高校测绘专业学生数字图像处理技能提升途径探讨 韩杰(11)
- 基于CDIO的遥感专业GIS原理课程教学改革 张正鹏,王崇倡,卜丽静(13)
- 测绘地理信息部门信息化建设的有关思考 乔朝飞(17)

基金项目专栏

- 利用样方分析小微地震空间分布模式 张瑞芳,黄泽纯,洪安东,等(21)
- 基于恒星运动轨迹的卫星姿态抖动研究 李品,谢俊峰,莫凡,等(25)
- 不同椭球参数下高斯投影的差异分析研究 王映雪,徐伟健,高源(29)
- 基于工业摄影测量在狭长空间内的方案设计与实验分析 刘备,倪大众,宗琪(34)
- 基于GIS的学校型应急避难场所空间布局与优化——以汕头市濠江区为例 林子琳,唐波(37)
- RTKLIB后处理模块定位精度分析及可用性探讨 朱李忠,吴文会,王连仲,等(41)
- 基于移动GNSS基准站的点位坐标解算分析 王俊峰(44)
- 基于地理国情普查数据的交通优势度分析与评价 应国伟,李亮,陈勇,等(47)

可穿戴调绘记录仪研究

- 刘达,刘晶东,房龙,等(51)
- 基于图形数据库NEO4J的政务空间信息融合研究 张学之,戴立权,王冬梅,等(53)
- 工业测量中三维坐标系统的转换 马丽霞,王凤艳,陈晓(56)
- 基于MODIS数据的南昌市大气气溶胶光学厚度反演 余健,刘荣,聂欣然(58)
- 融合多特征的高分辨率遥感影像震害损毁建筑物检测 刘莹,李强(61)
- 三维输电工程环境敏感性评价系统设计与实现 何锐,黄华明,周泓,等(65)

3S技术与应用

- 林科院智慧管网三维系统的设计与研究 刘毅,董琳瑛,钱建国,等(69)
- 基于多光谱遥感影像的城市建设用地提取及扩张分析 梁珊,刘荣,祖帅,等(74)
- 1990—2013年南北钦防城市群土地利用时空演化特征分析 李明(79)
- 基于配置的空间矢量数据冲突检测方法研究 梁庆发(83)
- 基于独立成分分析的高光谱图像降维及分割 王晶,金安迪(86)
- 综合单点和点簇的建筑物点云分类方法 陈鑫松,袁晓妍,李响(91)
- 基础性地理国情监测质量控制初探 张忠民(94)
- 基于ArcGIS与3DS MAX的虚拟校园三维场景的应用研究 裴亮,郭艳芳(97)
- 基于DSM技术的土地覆盖变化检测研究 孟小芳,冯威丁(101)

期刊基本参数: CN23-1520/P * 1978 * M * A4 * 224 * zh * P * ¥28.00 * * 67 * 2018-06

基于资源三号卫星影像的面向对象地表覆盖要素分类方法研究 罗建松,曹宇佳,阳俊(104)	既有有线高速铁路上测量的安全防护 曹洋(164)
基于Skyline的三维林火模拟分析系统 高宏宇(108)	基于RCD30倾斜摄影系统POS解算关键技术分析 杨兵战(166)
基于Pleiades影像的单侧定向研究 万昀昕,张波,贾杰(111)	评估无人机技术在农村土地确权工作中的可行性 刘钰,李书丹,陈延博(168)
浅谈如何利用地理信息资源解决复杂地形城市建模问题 刘佳,姚洁婷,王菲菲,等(114)	地铁竖井联系测量三角形布设及解算取位的探讨 吴世明,王世杰,李建章(171)
基于改进粒子群算法在GIS最优路径中的研究 蔡伟,杨少愚,杨娜(116)	低空航测无人机测量误差探讨 尤超,周红斌(174)
基于Delaunay三角剖分的多尺度POI提取技术与实现 张蓓蓓,李国清,冯梅,等(119)	浅析工程测量中测绘新技术的应用 胡耀辉,姚正明,刘爽(177)
基于地块管理单元的规划与国土综合业务管理平台设计 袁显贵,陈毅(122)	基于0.2 m ADS航摄影像的山地大比例尺快速成图研究 翟继伟(180)
超贫磁铁矿矿区植被覆盖度变化的遥感监测 张嵩,马保东,陈玉腾,等(126)	《如皋市历史地图集》的设计与编制研究 姚正明,翟明东,王希科,等(183)
浅谈地理国情普查项目中控制点库的制作 孙娜,丰勇(129)	基于SIFT特征匹配和射影变换的控制点快速量测方法研究 曾泽前(186)
高压输电线对GPS测量影响的测试与分析 高洪俊,冯鑫,高宇(132)	浅析1:50 000地形图出版编辑技巧及质量建设 姜海港,杜伟超,李立波(189)
地理国情普查基本统计专题地图实践与探讨 刘玉洁,禹小伟,冯梅(135)	CAD下实现数字地形图坐标系转换 谢园园,王崇倡(192)
GeoJSON在异构地理信息数据集成中的应用 王东兴,朱翊(138)	基于混沌时间序列的桥墩沉降预测 相涛,王征博(195)
CORS联合全站仪在潮滩海岸线测量中的应用 彭聪,周兴华,库安邦,等(141)	ObjectARX技术在城市地下电力管线可视化中的应用 范先铮,陈军(198)
三维地质空间资源综合管理平台的构建及其应用 姜川(144)	基于时间序列-BP神经网络在基坑方面的应用研究 王磊,高峰(201)
基础测绘元数据和图历簿信息系统的建设研究 黄锐(147)	基于合向量的水平位移趋势一致性分析 江振,周雅雯(206)
基于STIRPAT模型的长株潭城市建设用地扩展驱动因素分析 彭海泉,邹艳红(149)	基于改进等维信息灰色模型的高铁隧道沉降预测研究 刘文生,权文斌(210)
基于支持向量机的多特征融合影像云检测 孙汝星,范荣双(153)	沉降监测数据插值方法选取与精度分析 张云傲,任俊儒,孙立新(214)
测绘工程	
室内SLAM点云的快速分割研究 汤涌,王永君,贾昀腾(157)	基于层次分析法的制图综合相似性评价模型研究 李振豪,周校东,何列松,等(218)
浅谈《森林资源地图集》编制方案与工艺 于金萍,张嘉,卫东(161)	无人机航测在新疆某水利工程项目中的应用方案研究 孙畅,徐介磊,季红(222)

Doctor Column

A Zero-watermarking Algorithm Based on Minimum Quad-tree Division and Feature Angle

..... FAN Yanguo, CHAI Jianglong, HAN Zhicong, etc.(1)

Scientific Research Project Oriented "Investigation Type" Teaching Exploration and Practice:

Taking the Reform of "GNSS Principles and Applications" as an Example

..... ZHAO Guiling, WANG Chongchang, ZHU Huizhong(5)

Research and Practice on the Teaching of "Engineering Survey" Course in "Mao Yisheng Class" in Applied Undergraduate Colleges

..... LU Mingxing, WU Xiaohong, QIAO Jingsheng, etc.(8)

Discussion on Digital Image Processing Ability Improving of Surveying Engineering Students in Localized Application-oriented Universities

..... HAN Jie(11)

Teaching Reform for GIS Principles in Remote Sensing Specialty Based on CDIO

... ZHANG Zhengpeng, WANG Chongchang, BU Lijing(13)

Reflection on Informatization Construction of Surveying, Mapping and Geographic Information Department

..... QIAO Chaofei(17)

Fund Projects Column

Exploring Spatial Distribution Pattern of Small Earthquakes Using Quadrat Analysis

... ZHANG Ruifang, HUANG Zechun, HONG Andong, etc.(21)

Research on Satellite Attitude Jitter Based on Stellar Motion Trajectory

..... LI Pin, XIE Junfeng, MO Fan, etc.(25)

Analysis and Research on the Differences of Gauss Projection with Different Ellipsoid Parameters

..... WANG Yingxue, XU Weijian, GAO Yuan(29)

Scheme Design and Experimental Analysis Based on Industrial Photogrammetry in Narrow Spaces

..... LIU Bei, NI Dazhong, ZONG Qi(34)

Spatial Layout and Optimization of School Emergency Shelter Based on GIS:

A Case Study of Haojiang District of Shantou

..... LIN Zilin, TANG Bo(37)

RTKLIB Post-Processing Module Positioning Accuracy Analysis and Availability Discussion

..... ZHU Lizhong, WU Wenhui, WANG Lianzhong, etc.(41)

Analysis of Coordinate Calculation Based on Moving GNSS Base Station

..... WANG Junfeng(44)

Analysis and Evaluation of Transport Superiority Using Geographic National Condition Survey Data

..... YING Guowei, LI Liang, CHEN Yong, etc.(47)

Research on Wearable Annotating Recorder

..... LIU Da, LIU Jingdong, FANG Long, etc.(51)

Research on Government Spatial Information Fusion Based on Graphic Database NEO4J

..... ZHANG Xuezhi, DAI Liquan, WANG Dongmei, etc.(53)

Three Dimensional Coordinate System Transformation in Industrial Measuring

..... MA Lixia, WANG Fengyan, CHEN Xiao(56)

Inversion of Aerosol Optical Depth in Nanchang Based on MODIS Data

..... YU Jian, LIU Rong, NIE Xinran(58)

Damaged Building Detection from High Resolution Remote Sensing Images by Integrating Multiple Features

..... LIU Ying, LI Qiang(61)

Design and Implement of 3D System about Environmental Sensitivity Evaluation of Transmission Project

..... HE Rui, HUANG Huaming, ZHOU Hong, etc.(65)

3S Technology and Its Application

Design and Research of Three Dimensional System of Wisdom Pipe Network in the Forestry Academy

..... LIU Yi, DONG Linying, QIAN Jianguo, etc.(69)

Urban Building Land Extraction and Expansion Analysis Based on Multi Spectral Remote Sensing Image

..... LIANG Shan, LIU Rong, ZU Shuai, etc.(74)

The Spatio-temporal Evolution of Land Use of Nan-Bei-Qin-Fang Urban Agglomeration from 1990 to 2013

..... LI Ming(79)

Study on Spatial Vector Data Conflict Detection Based on Configurations

..... LIANG Qingfa(83)

ICA-based Dimensionality Reduction and Segmentation of Hyperspectral Image

..... WANG Jing, JIN Andi(86)

A Building Point Cloud Classification Method Combining Single Point and Point Cluster

..... CHEN Xinsong, YUAN Xiaoyan, LI Xiang(91)

Preliminary Research on Quality Control of Basic Geographic National Conditions Monitoring

..... ZHANG Zhongmin(94)

Research on the Application of Virtual Campus 3D Scene Based on ArcGIS and 3DS MAX

..... PEI Liang, GUO Yanfang(97)

Research on Land Cover Change Detection Based on DSM Technology

..... MENG Xiaofang, FENG Weiding(101)

- Research on the Surface Elements Classification with ZY-3 Satellite Image Based on Object-oriented Information Extraction Technology
 LUO Jiansong, CAO Yujia, YANG Jun(104)
- 3D Forest Fire Simulation and Analysis System Based on Skyline GAO Hongyu(108)
- Research on Single-side Orientation Based on Pleiades Image
 WAN Yunxin, ZHANG Bo, JIA Jie(111)
- How to Use Geographic Information Resources to Solve the Problem of Complex Terrain City Modeling
 LIU Jia, YAO Jieting, WANG Feifei, etc.(114)
- Study on the Optimal Path of GIS Based on Improved Particle Swarm Optimization
 CAI Wei, YANG Shaoyu, YANG Na(116)
- Extraction Technology Research and Implementation of Multi-scale POI Based on Delaunay Triangulation
 ZHANG Beibei, LI Guoqing, FENG Mei, etc.(119)
- Urban Planning and Land Resources Integration Business Management Platform Design Based on Plots
 YUAN Xiangui, CHEN Yi(122)
- Monitoring Changes of Vegetation Coverage in Ultra-low Magnetite Zone by Remote Sensing Technology
 ZHANG Song, MA Baodong, CHEN Yuteng, etc.(126)
- Talking about the Making of Control Point Database in Geographical National Conditions Survey Project
 SUN Na, FENG Yong(129)
- Testing and Analysis on the Influence of High Voltage Transmit Electrical Wire on Static GPS Measurement
 GAO Hongjun, FENG Xin, GAO Yu(132)
- Practice and Discussion on Basic Statistical Thematic Map of National Geoinformation Survey
 LIU Yujie, YU Xiaowei, FENG Mei(135)
- Application of GeoJSON in Heterogeneous Geographic Information Data Integration
 WANG Dongxing, ZHU Yi(138)
- Application of CORS Combined with Total Station in Tidal Flat Coastline Measurement
 PENG Cong, ZHOU Xinghua, KU Anbang, etc.(141)
- Construction and Application of Integrated Management Platform of 3D Geological Spatial Resources
 JIANG Chuan(144)
- Research on the Construction of Basic Mapping Metadata and Mapping Recorded File System HUANG Rui(147)
- Analysis on the Driving Forces of Construction Land Expansion for Changsha-Zhuzhou-Xiangtan Based on STIRPAT Model
 PENG Haiquan, ZOU Yanhong(149)
- Multi-feature Fusion Image Cloud Detection Based on SVM
 SUN Ruxing, FAN Rongshuang(153)
- S/M Engineering**
- Automated Segmentation for Indoor SLAM Point Cloud Based on Region Growing Algorithm
 TANG Yong, WANG Yongjun, JIA Yunteng(157)
- Production of Compile Scheme and Process on "Forest Resource Atlas" YU Jinping, ZHANG Jia, WEI Dong(161)
- Improve the Safety Awareness on the Existing Cable Railway Line CAO Yang(164)
- Analysis of Key Technology of POS Calculation Based on RCD30 Oblique Photograph System
 YANG Bingzhan(166)
- Assessing Feasibility of Integrating UAV Technology in Rural Adjudication LIU Yu, LI Shudan, CHEN Yanbo(168)
- Discussion on Triangle Layout and Calculation of Location of Subway Shaft Connection
 WU Shiming, WANG Shijie, LI Jianzhang(171)
- Discussion on Measurement Error of Low Altitude Aerial Survey UAV YOU Chao, ZHOU Hongbin(174)
- Application of Surveying and Mapping Technology in Engineering Survey
 HU Yaohui, YAO Zhengming, LIU Shuang(177)
- Research on Rapid Prototyping of Mountainous Large Scale Based on 0.2 m ADS Aerial Image ZHAI Jiwei(180)
- Research on Design and Compilation of "Historical Atlas of Rugao"
 ... YAO Zhengming, ZHAI Mingdong, WANG Xike, etc.(183)
- Research on Fast Control Point Measurement Method Based on SIFT Feature Matching and Projective Transformation
 ZENG Zeqian(186)
- Analysis of 1:50 000 Topographic Map Publishing Editing Skills and Quality Construction
 JIANG Haigang, DU Weichao, LI Libo(189)
- Realization of Digital Topographic Map Coordinate System Transformation in the CAD
 XIE Yuanyuan, WANG Chongchang(192)
- Pier Settlement Prediction Based on Chaotic Time Series
 XIANG Tao, WANG Zhengbo(195)
- Application of ObjectARX to the Urban Underground Electric Power Line Visualization
 FAN Xianzheng, CHEN Jun(198)
- Application Research of Foundation Pit Based on Time Series and BP Neural Network WANG Lei, GAO Feng(201)
- Trend Analysis of Horizontal Displacement Based on Resultant Vector JIANG Zhen, ZHOU Yawen(206)
- Research on Settlement Prediction of High Speed Railway Tunnel Based on Improved Gray Model of Equal Dimension Information LIU Wensheng, QUAN Wenbin(210)
- Selection and Precision Analysis for Interpolation Method of Observing Settlement Observation Data
 ZHANG Yun'ao, REN Junru, SUN Lixin(214)
- Research on the Weights of Targets of Similarity Measurement of Cartography Based on Analytic Hierarchy Process
 LI Zhenhao, ZHOU Xiaodong, HE Liesong, etc.(218)
- Scheme Research on UAV Survey of a Hydropower Project in Xinjiang SUN Chang, XU Jielei, JI Hong(222)