

目次

2018年第5期(总第41卷第229期)

博士园地

- 基于WebGIS的全国铁路综合应用平台设计与实现
..... 李雅彦,张磊,张铭晓,等(1)
- 辩证法在地图学中渗透及促进学习迁移的探索
..... 黄翌,汪云甲(5)
- 3S技术在许昌市公共自行车服务中的应用
..... 韩杰,田鸽(8)
- 智慧广州时空大数据框架体系设计与建设
..... 张鹏程,何华贵,杨卫军,等(11)
- 地理信息技术在自然资源资产离任审计中的应用
..... 张彩仙,秦丽(14)

基金项目专栏

- 辽宁省教育与产业结构的时空灰色关联分析
..... 尹诗画,董春(18)
- 基于局部拉普拉斯算子的灾后建筑物损毁检测
..... 李强,陶超,梁浩,等(21)
- 基于inpho软件的DOM生产流程优化研究
..... 袁如金,阳俊,马庆帅(25)
- 基于增量信息与多版本的DLG数据库管理技术研究
..... 郑晓津(27)
- 数字化背景下的吉林师范大学四平校区校园信息
管理系统设计与实现
..... 周星宇,李昕怡,许新惠(30)
- 基于InSAR技术在山地区域DEM提取及精度评定
..... 裴旭,李岩,王立娜,等(33)
- 数字正射影像在1:2 000地形图更新中的应用
..... 涂鑫,崔文刚,张育林(37)
- 快速城市化进程中深圳海岸带景观格局演变特征
分析 朱方,易琳,杨敏华(40)
- 基于无控倾斜摄影的实景三维建模生产研究
..... 马新文,张学之,赵全辉(45)
- 遥感技术在农村公路核查中的应用研究
..... 李程(48)
- 基于Landsat-8数据和MODIS数据的渤海海冰信息
提取 焦慧(50)

- 遥感影像融合算法在矿区土地利用动态监测中的
应用 谭倩兰,李永树,谢嘉丽,等(53)
- 黑龙江省卫星应用产业现状与发展
..... 周源,杨爱玲,周泉(56)
- 基于图库一体化空间数据模型的数据生产
..... 李富春,黄华,徐晓伟(60)
- 与无人机图像匹配算法相结合的间接平差教学内
容改革初探
..... 汪玉美,陈治平,史巍巍(62)

3S技术与应用

- 结合特征场和标号场MRF的区域化纹理图像分割
..... 杨圣(66)
- 无人机载激光雷达在地质环境调查中的应用
..... 梁伟,魏采用,拜剑虹,等(73)
- 遥感测绘在土地确权中的应用
..... 肖增艳,姜国亮,赵春华(76)
- 基于范围与时点的空间矢量数据历史回溯方法研
究 梁庆发(78)
- 基于地铁控制网的广州市新CORS系统静态检测分
析 傅咏冬(80)
- 城市公共管理平台的地理信息可视化技术
..... 张健,郭庆胜,周思嘉(83)
- 测绘地理信息年鉴在服务事业发展中的价值研究
..... 程立海(87)
- 基于IOS的公用图系统设计及实现
..... 陈俊明(90)
- 浅谈银川市空间格局变化监测及应用
..... 屈彦(93)
- 倾斜摄影测量技术在数字城市三维建模中的应
用与展望 刘一军(96)
- 遥感技术在地质构造及找矿中的应用
..... 白鸿起,李建(99)
- 基于多时相国产高分数据的尾矿库环境变化监测
..... 付业平,李奎,李建(102)
- 基于外置设备的电子平板测量系统的设计与实现
..... 武海英,王宇奇,封宇(105)

期刊基本参数: CN23-1520/P * 1978 * M * A4 * 224 * zh * P * ¥28.00 * * 72 * 2018-05

基于FME的CASS房屋数据处理应用研究
 俞海东,吴舒梦(108)

基于面向对象的海水养殖模式遥感提取研究
 徐 珊,夏立华,彭海波,等(110)

不动产数据整合中房地信息与各类测绘数据关联
 入库方法研究 陈明东(113)

面向多源多时相卫星影像镶嵌的Orthovista色彩一
 致性处理 孙 畅,许会芳,乔艳雯(115)

Hash table在地下管线普查数据库的研究与应用
 李卫海,廖乐林(118)

非差非组合精密单点定位提取区域电离层延迟及
 精度评定 赵阳阳,吕志伟,贾铮阳,等(122)

基于3S的赣州客家文化信息服务系统
 颜 稀,方朝阳(125)

基于WebGIS的林政资源服务系统设计与开发
 彭 博,李 冰,关显明,等(128)

一种基于WebGIS的水质监测数据表达方式的设计
 与实现 李成军,刘爱园(131)

基于ArcEngine的土地整治项目一体化管理信息系
 统设计研究 雷秋霞(134)

面向移动GIS的数据处理工具设计与实现
 林 青,林占云,潘德臻(137)

基于多通道影像的最小二乘匹配算法
 张延波,杨艳玲,杨 楠(139)

高分辨率遥感影像地物阴影去除算法研究
 王江涛,邓喀中,吴国富(142)

基于GIS的医疗资源可达性分析
 ——以吉林省白城市为例
 董 庆,杨 铎(147)

数字城市建设中的三维建模方法研究
 邢姝凡,王香茗,王艳丽(150)

区域化模糊聚类SAR图像分割
 吴雅男,金 杰,白 雪(152)

基于SOA的矿政一张图管理系统设计与实现
 张永玉,曾庆飞,杨家正,等(156)

基于三维激光扫描的土地整治项目勘测规划设
 计和工程量复核 林学艺(158)

面向政务应用的地理信息共享交换平台建设
 吴锦超,陈鑫祥(162)

测绘工程

软件开发技术在上海市农村地籍更新调查中的综
 合应用 徐 强,王 群,姜秀峰(164)

基于样条函数的海岸带变化监测影像局部配准优
 势分析 许会芳,孙 畅,郑 丹(168)

Trimble RTX后处理解算精度分析
 张 胜,杜士澍,屈津年,等(170)

应用机载激光雷达数据制作DEM的方法探讨
 孙 凯,薛晓轩,徐 凯(173)

多旋翼无人机倾斜摄影系统在航空摄影测量使用
 中的经验总结 杨兵战(176)

不动产登记数据整合关键技术研究
 任建福(178)

土地承包经营权确权技术流程及测量问题探讨
 杨玉静,王友雷(181)

倾斜摄影在大比例尺地籍测量中的应用研究
 于志路,赵文更(184)

一种深基坑变形监测方案及数据回归分析方法
 陈丽佳(187)

倾斜摄影三维模型单体化研究及智慧城市应用
 项志勇,张 畅(191)

无人机影像数据提取大比例尺DEM的方法研究
 张 会,赵 民(195)

多旋翼无人机航测系统在地形图测绘中的应用
 蒋汪洋,刘洪源,刘 颂,等(198)

基于改进ASIFT算法倾斜影像匹配研究
 纪 亮(202)

三种点云数据平面拟合方法的精度比较与分析
 薄怀志(206)

城市真三维地图制作关键技术探讨
 陈亚历(209)

改进的小波阈值函数在变形预报中的应用
 黄庭刚,赵国忱(211)

浅谈基于EPS平台的外业电子调绘应用探索
 高宏宇(214)

基于动力三角翼航测系统的快速测绘大比例尺地
 形图 刘 钰,赵文普,任超龙(216)

小波分析与粒子群算法优化的灰色神经网络模型
 张明精,刘晓建,于小娟(219)

测绘教育与科普

对测绘高职院校教学改革的几点建议
 裴书琦(222)

Doctor Column

- Design and Implementation of National Railway Integrated Application Platform Based on WebGIS
..... LI Yayan, ZHANG Lei, ZHANG Mingxiao, etc.(1)
- Penetration of Dialectics in Cartography Course and Improvement of Learning Transfer
..... HUANG Yi, WANG Yunjia(5)
- Application of 3S Technology in Xuchang Public Bicycle Service HAN Jie, TIAN Ge(8)
- Design and Construction of Smart Guangzhou Spatio-temporal Big Data Framework
..... ZHANG Pengcheng, HE Huagui, YANG Weijun, etc.(11)
- Geographic Information Technology Application in Natural Resources Assets Departure Audit
..... ZHANG Caixian, QIN Li(14)

Fund Projects Column

- Temporal and Spatial Gray Relational Analysis of Educational Structure and Industrial Structure In Liaoning Province
..... YIN Shihua, DONG Chun(18)
- Damage Buildings Detection of Post-disaster Based on Local Laplacian Operators
..... LI Qiang, TAO Chao, LIANG Hao, etc.(21)
- Research on DOM Production Process Optimization Based on Inpho Software
..... YUAN Rujin, YANG Jun, MA Qingshuai(25)
- Research on the DLG Database Management Based on the Extract of Incremental Information and the Integration of Multiple Versions ZHENG Xiaojin(27)
- Design and Implementation of Information Management System of Jilin Normal University Siping Campus under the Digital Campus Background
..... ZHOU Xingyu, LI Xinyi, XU Xinhui(30)
- DEM Extraction in Mountainous Region by InSAR Technology and Precision Assessment
..... PEI Xu, LI Yan, WANG Lina, etc.(33)
- Application of Updating 1: 2 000 Relief Map Based on Orthoimage TU Xin, CUI Wengang, ZHANG Yulin(37)
- Changes of Coastal Landscape Pattern in Shenzhen during the Process of Rapid Urbanization
..... ZHU Fang, YI Lin, YANG Minhua(40)
- Research on Real 3D Modeling Production Based on Oblique Photography of Image without Ground Control Points
..... MA Xinwen, ZHANG Xuezi, ZHAO Quanhui(45)
- Application of Remote Sensing Technology in Rural Road Verification LI Cheng(48)
- Information Extraction of the Bohai Sea Ice Based on Landsat-8 Data and MODIS Data JIAO Hui(50)

- Application of Remote Sensing Image Fusion Algorithm in Dynamic Monitoring of Land Use in Mining Area
..... TAN Qianlan, LI Yongshu, XIE Jiali, etc.(53)
- The Current Situation and Development of Satellite Application Industry in Heilongjiang
..... ZHOU Yuan, YANG Ailing, ZHOU Quan(56)
- Data Production Based on the Integrated Spatial Data Model of Database and Cartography
..... LI Fuchun, HUANG Hua, XU Xiaowei(60)
- Exploration on Reforming Teaching Contents on Indirect Adjustment Combined with UAV Image Matching Algorithm
..... WANG Yumei, CHEN Zhiping, SHI Weiwei(62)

3S Technology and Its Application

- Texture Segmentation Using Gaussian Markov Random Field and Region Tessellation
..... YANG Sheng(66)
- Application of UAV Laser Radar in Geological Environment Survey
..... LIANG Wei, WEI Caiyong, BAI Jianhong, etc.(73)
- Application of Remote Sensing Surveying and Mapping in Land Ownership
..... XIAO Zengyan, JIANG Guoliang, ZHAO Chunhua(76)
- Study on Historical Backtracking Method of Spatial Vector Data Based on Scope and Time Point
..... LIANG Qingfa(78)
- Static Analysis of Guangzhou New CORS System Based on Metro Control Network FU Yongdong(80)
- Technologies of Geographic Information Visualization in Urban Public Management Platform
..... ZHANG Jian, GUO Qingsheng, ZHOU Sijia(83)
- Research on the Value of Surveying, Mapping and Geo-information Yearbook in the Service of Career Development
..... CHENG Lihai(87)
- The Official Map System Design and Implementation Based on IOS Platform CHEN Junming (90)
- Discussion on the Monitoring and Application of Spatial Pattern Change in Yinchuan QU Yan(93)
- Application and Prospect of Tilt Photogrammetry in 3D Modeling of Digital City LIU Yijun(96)
- Application of Remote Sensing Technology in Geological Structure and Prospecting BAI Hongqi, LI Jian(99)
- Environmental Monitoring and Analysis of Tailing Pond Based on Multi Temporal Domestic High Resolution Data
..... FU Yeping, LI Kui, LI Jian(102)
- Design and Implementation of a Pad Measuring System Based on External Equipment
..... WU Haiying, WANG Yuqi, FENG Yu(105)

Research on Application of CASS Housing Data Processing Based on FME YU Haidong, WU Shumeng(108)

Remote Sensing Extraction of Mariculture Models Based on Object - oriented XU Shan, XIA Lihua, PENG Haibo, etc.(110)

A Study on the Method of Associated Warehousing with Premises Information and Various Surveying and Mapping Data in Real Estate Data Integration CHEN Mingdong(113)

Processing of Color Consistency on Orthovista for Mosaic of Multi-source and Multi-temporal Satellite Image SUN Chang, XU Huifang, QIAO Yanwen(115)

Research and Application of Hash Table in Underground Pipeline Census Database LI Weihai, LIAO Lelin(118)

Estimation of Regional Ionospheric Delay and Accuracy Evaluation by Combination of Non Differenced Non Precise Single Point Positioning ZHAO Yangyang, LYU Zhiwei, JIA Zhengyang, etc.(122)

Ganzhou Hakka Culture Information Service System Based on 3S Technology YAN Xi, FANG Chaoyang(125)

Design and Development of Forest Resource Service System Based on WebGIS PENG Bo, LI Bing, GUAN Xianming, etc.(128)

Design and Implementation of Water Quality Monitoring Data Expression Based on WebGIS LI Chengjun, LIU Aiyuan(131)

Design of Integrated Management Information System for Land Consolidation Project Based on ArcEngine LEI Qiuxia(134)

Design and Implementation of Data Processing Tool for Mobile GIS LIN Qing, LIN Zhanyun, PAN Dezhen(137)

A Least Squares Image Matching Algorithm Based on Multi-channel Images ZHANG Yanbo, YANG Yanling, YANG Nan(139)

Research to Improve the Removal of Shadows of High Resolution Remote Sensing Image Features WANG Jiangtao, DENG Kazhong, WU Guofu(142)

Accessibility Analysis of Medical Resources Based on GIS: A Case Study of Baicheng, Jilin DONG Qing, YANG Duo(147)

Research of 3D Modeling Method in Digital City Construction XING Shufan, WANG Xiangming, WANG Yanli(150)

Regionalized Fuzzy Clustering SAR Image Segmentation WU Ya'nan, JIN Jie, BAI Xue(152)

Design and Implementation of One Map Management System of Mining Administration Based on SOA ZHANG Yongyu, ZENG Qingfei, YANG Jiazheng, etc.(156)

Land Consolidation and Improvement Project Survey and Planning Design and Quantities Check Base on 3D Laser Scan LIN Xueyi(158)

Construction of Geographic Information Sharing and Exchanging Platform Based on Government Application WU Jinchao, CHEN Xinxiang(162)

S/M Engineering

The Comprehensive Application of Software Development Technology in the Survey of Rural Cadastre in Shanghai XU Qiang, WANG Qun, JIANG Xiufeng(164)

Advantage Analysis of Local Registration for Variation Detection of Coastal Zone Image Based on Spline Function XU Huifang, SUN Chang, ZHENG Dan(168)

Accuracy Analysis of the Trimble Center Point RTX Post-processing ZHANG Sheng, DU Shishu, QU Jinnian, etc.(170)

Discussion on the Method of DEM Generation Using Airborne LiDAR Data SUN Kai, XUE Xiaoxuan, XU Kai(173)

Experiences of Multi-rotor UAV Tilt Photography System in Aerial Photogrammetry YANG Bingzhan(176)

Research on Key Technology of Real Estate Registration Data Integration REN Jianfu(178)

Technical Processes and Measurement Problems Discussion of Land Contractual Management Right YANG Yujing, WANG Youlei(181)

Application of Tilt Photography in Large Scale Cadastral Surveying YU Zhilu, ZHAO Wengeng(184)

A Deformation Monitoring Scheme and Data Regression Analysis Method for Deep Foundation Pit CHEN Lijia(187)

Study on the Monomer of 3D Modeling of Oblique Photography and the Application of Smart City XIANG Zhiyong, ZHANG Chang(191)

The Method of Extracting Large Scale DEM Based on UAV Imagery Data ZHANG Hui, ZHAO Min(195)

Application of Multi Rotor UAV Aerial Survey System in Topographic Mapping JIANG Wangyang, LIU Hongyuan, LIU Song, etc.(198)

Research on Tilting Image Matching Based on Improved ASIFT Algorithm JI Liang(202)

Accuracy Comparison and Analysis of Three Kinds of Point Cloud Data Plane Fitting Methods BO Huaizhi(206)

Key Technology Discussion on Making Rural Three-dimension Map CHEN Yali(209)

Application of Improved Threshold Function Wavelet De-noising in Deformation Prediction HUANG Tinggang, ZHAO Guochen(211)

Brief Discussion on the Application of Electronic Drawing in Field Operation Based on EPS Platform GAO Hongyu(214)

Fast and Large Mapping Based on Delta Wing Aerial System LIU Yu, ZHAO Wenpu, REN Jiulong(216)

Gray Neural Network Model Optimized by Wavelet Analysis and Particle Swarm Optimization ZHANG Mingjing, LIU Xiaojian, YU Xiaojuan(219)

S/M Education and Science Popularization

Some Suggestions on Teaching Reform in Surveying and Mapping Vocational Colleges PEI Shuqi(222)