目 次

2019 年第 4 期(总第 42 卷 第 240 期)

博士园地

面向用户业务应用的智慧广州时空云平台
…… 张鹏程,杨 梅,何华贵(1)
南水北调中线工程核心水源区土地利用空间格局动态变化研究
…… 刘 克,甘宇航,张 涛,等(4)
遥感影像水体追踪识别提取算法及应用
…… 戴激光,杨 梅,桑学锋(9)
智能位置服务工作机理及发展趋势研究
…… 汶 博,齐晓飞,吴长枝,等(12)
基于权重散射特征的FSVM算法在极化SAR影像分类中的应用
…… 柯宏霞,刘国栋,龚正娟(17)

基金项目专栏

应用卫星重力数据监测维多利亚湖流域水储量变化 …… 万祥禹,范东明,王陈燕(21)
总体最小二乘法在坐标转换中的应用
…… 卢 儒,张 俊,袁 强,等(25)
1980—2013年湖北省地表太阳辐射时空特征及其驱动因子分析
…… 夏 丽,林爱文,覃文敏,等(29)
三维虚拟仿真的学生校园活动监控系统
…… 陈 旭,邹 滨,谢 静(34)
基于ArcGIS的房地产区位价值研究
…… 耿文轩(38)
使用卫星立体像对提取城市容积率的研究
…… 孙金珂,景海涛,曹 丹,等(41)
省级基础地理信息快速更新方法研究
…… 刘善磊,张大骞,孙长奎,等(45)
杭州市城市建筑区夏季地表温度特征分析
…… 顾春墚,唐 伟,桑玉田(48)
基于低空摄影测量的机载LiDAR点云修复方法
…… 李冬森,王永志,陈建忠(52)
基于BIM的高速铁路监测数据可视化研究
…… 张宇昕,张献州,邱颖新,等(55)
一种基于复合金字塔模型的三维模型数据组织方法 …… 王金地,霍 亮,慕 旭,等(58)
Trimble MX7移动测量系统精度影响因素分析
…… 马月巧,徐辛超,郑真真(62)
SURF与归一化互相关测度相结合的SAR影像匹配方法研究
…… 薛国超,程春泉,卢文青(66)

3S 技术与应用

东莞市建设用地批后监管信息系统设计与实现
…… 江雪盈,李国洋,曹永超(70)
ArcGIS软件在第二次全国地名普查中的应用
…… 陈景平,刘满贤,桂 新(74)
约束条件下GPS伪距定位精度分析
…… 李 旺,乔灵娜(76)
基于Sentinel-1和D-InSAR的地表沉降地理国情监测技术研究 …… 雷宇斌,曹 诚,董胜光(79)
基于WebGIS的农村集体土地确权登记发证系统设计与实现 …… 陈柳阳,季 民,刘 江(83)
论测绘地理信息工作的标准化
…… 王宝山,张利平,张志强(86)
基于Cesium的WebGIS倾斜三维平台的实现
…… 王逸凯,徐 萌,罗建松,等(88)
基于Landsat遥感数据武汉地区植被覆盖度动态变化监测分析 …… 韩富圆,王天明,孙 阳(90)
辽宁省海岸带开发利用监测关键技术研究
…… 顾 蕾,崔胜涛(93)
MapGIS支持下辽宁省地质专题地图制作研究
…… 张 卓,王崇倡(96)
面向对象的高分一号铁尾矿遥感信息提取与分析
…… 曹兰杰,吴 兵,汪金花,等(98)

期刊基本参数: CN23-1520/P * 1978 * M * A4 * 224 * zh * P * ¥28.00 * * 66 * 2019-04

万方数据

基于干涉测量的宽刈幅测高技术及其应用研究 …… 赖元友(102)
基于图像融合的高分全色遥感影像变化检测 …… 云红全,章启恒,田振坡,等(105)
基于Sentinel-1B SAR数据的洪水提取和监测 …… 吴文会,王丽欣,马　卓(110)
大比例尺地理信息数据服务模式的研究 …… 穆增光,刘慧慧(112)
湿地资源调查更新若干问题探讨 …… 方爱玲,宋立明,刘　军,等(115)
基于差值PCA的高分辨率影像变化检测 …… 路轩轩,关明宇(119)
辽宁省基础地理信息数据库系统关键模块的优化 …… 刘珊珊(121)
林业自然保护区信息管理系统设计与实现 …… 邱胜荣(124)
国产卫星影像处理技术探讨 …… 仇　瑛(127)
基础性地理省情监测数据采集的研究与探索 …… 刘　军(129)
面向信息化测绘的网络化测图系统研究与应用 …… 周勇兵,答　星(133)
基于边界保留的点云精简算法研究 …… 常俊飞,任思红,姚　涛(136)

测绘工程

基于面片裁切技术的点云轮廓线生成算法 …… 甄宗坤,蔡东健(141)
SeaBeam 3012深水多波束测深系统标定方法 …… 张　登,朱永灵,张　涛,等(144)
地质雷达探测精度的分析与研究 …… 杨红伟,薛晓轩(150)
基于灰色神经网络模型修正矿区地表变形数据 …… 刘维康(153)
变权组合模型在工程变形预测中的研究 …… 郑　干(157)
以用户为中心的地图分析研究 …… 陈　辉,郭　健,李爱光,等(162)
Photoshop软件在影像数据接边中的应用 …… 杨晓英,熊永合,蔡延斌,等(166)
黑龙江省耕地及后备资源利用战略研究 …… 关国锋,郑　浩,狄　春,等(169)
基于PS-InSAR技术的地表沉降分析 …… 孔令淑,陈　梦,吴　昊(172)
基于旋翼无人机倾斜摄影测量的城市三维实景建模研究 …… 韩　宇(175)
陀螺全站仪在地下工程贯通测量中的应用 …… 孙树芳,许云燕(179)
《新疆维吾尔自治区丝路开放态势地图集》的设计与编制 …… 孟　玲(181)
Inpho地理建模在河道断面测量中的应用研究 …… 孙　畅,马庆帅,王　闯(184)
陀螺全站仪在隧道测量中的应用研究 …… 孙　鹏(188)
利用后方交会测量水底点高程的新方法研究 …… 彭　鑫,王　海,欧阳亚(191)
中纬全站仪GSI数据生成CASS9.1绘图坐标文件编程设计 …… 李海灵(194)
洪水风险图编制技术研究 …… 杨爱玲,朱岩隆,周　泉,等(197)
浅析地籍测量中数字测量的应用 …… 汪星汉,吴冰河,王　宁(200)
“一村一镇一地图”快速化制图软件研究与实现 …… 胡平昌,王润哲,熊鹏波,等(203)
基于庞卡莱代数边界理论的三维地籍TEN模型 …… 杨秀德(206)
河池机场边坡高挡墙的变形监测方法 …… 许文学,杨　辉,李　锋,等(210)
倾斜航空摄影数据获取之实践研究 …… 王子臣(213)
无像控无人机倾斜摄影测量在农村地籍测量中的应用 …… 郭　岚,王春涛,赵元务(216)
无人机航测在第三次全国土地调查甘肃试点中的应用研究 …… 汪永红,张阳阳,门林杰,等(219)
无人机技术在日常地籍测绘中的应用 …… 张　蕊,孟灵飞,王冬梅(222)

万方数据

CONTENTS

Apr. 2019 Vol.42 No.4（Serial No.240）

Doctor Column

User Oriented Business Application Spatio-temporal Cloud Platform of Smart Guangzhou
…… ZHANG Pengcheng, YANG Mei, HE Huagui(1)
Study on Land Use Change in the Water Supplying Core Area of Middle Route of South-to-North Water Transfer Project
…… LIU Ke, GAN Yuhang, ZHANG Tao, etc.(4)
Extraction Algorithm and Application of Remote Sensing Image Water Tracking and Recognition
…… DAI Jiguang, YANG Mei, SANG Xuefeng(9)
Research on Working Mechanism and Development Trend of Intelligent Location Service
…… WEN Bo, QI Xiaofei, WU Changzhi, etc.(12)
Classification of Full Polarimetric SAR Data Based on the FSVM Algorithm Considering Weighted Scattering Features
…… KE Hongxia, LIU Guodong, GONG Zhengjuan(17)

Fund Projects Column

Water Storage Change of Lake Victoria Basin from GRACE Gravity Measurements
…… WAN Xiangyu, FAN Dongming, WANG Chenyan(21)
Application of Total Square in Coordinate Transformation
…… LU Ru, ZHANG Jun, YUAN Qiang, etc.(25)
Spatio-temporal Characteristics of Solar Radiation and Its Driving Factors in Hubei Province During 1980—2013
…… XIA Li, LIN Aiwen, QIN Wenmin, etc.(29)
Monitoring System of Student Activities on Campus Based on 3D Virtual Simulation
…… CHEN Xu, ZOU Bin, XIE Jing(34)
Research on Real Estate Location Value Based on ArcGIS
…… GENG Wenxuan(38)
Using Satellite Stereo Image Extract Urban Plot Ratio
…… SUN Jinke, JING Haitao, CAO Dan, etc.(41)
Research on Fast Updating of Province-level Fundamental Geographic Information
…… LIU Shanlei, ZHANG Daqian, SUN Changkui, etc.(45)
Analysis of the Summer Surface Temperature Characteristics of Residential Buildings in Hangzhou
…… GU Chunliang, TANG Wei, SANG Yutian(48)
Aircraft Boarded LiDAR Point Cloud Repairing Method Based on the Low Altitude Photogrammetry
…… LI Dongsen, WANG Yongzhi, CHEN Jianzhong(52)
Research on Visualization of Monitoring Data of High Speed Railway Based on BIM
…… ZHANG Yuxin, ZHANG Xianzhou, QIU Yingxin, etc.(55)
A 3D Model Data Organization Method Based on Compound Pyramid Model
…… WANG Jindi, HUO Liang, MU Xu, etc.(58)
Analysis of Trimble MX7 Mobile Measurement System Accuracy Influencing Factors
…… MA Yueqiao, XU Xinchao, ZHENG Zhenzhen(62)
Research on SAR Image Matching Method Based on SURF and Normalized Cross-correlation Measures
…… XUE Guochao, CHENG Chunquan, LU Wenqing(66)

3S Technology and Its Application

Design and Realization of Post-supervision Information System of Construction Land in Dongguan City
…… JIANG Xueying, LI Guoyang, CAO Yongchao(70)
Application of ArcGIS Software in the Second National Survey of Geographical Names
…… CHEN Jingping, LIU Manxian, GUI Xin(74)
Accuracy Analysis of GPS Pseudo-range Positioning under Constraint Conditions …… LI Wang, QIAO Lingna(76)
Study on National Geoinformation Settlement Monitoring Based on Sentinel-1 and D-InSAR Technology
…… LEI Yubin, CAO Cheng, DONG Shengguang(79)
Design and Implementation of Rural Collective Land Confirmation Registration and Certification System Based on WebGIS
…… CHEN Liuyang, JI Min, LIU Jiang(83)
On Standardization of Surveying and Mapping Geographic Information Work
…… WANG Baoshan, ZHANG Liping, ZHANG Zhiqiang(86)
Implement of WebGIS System Based on Cesium
…… WANG Yikai, XU Meng, LUO Jiansong, etc.(88)
Monitoring and Analyzing Dynamic Change of Vegetation Coverage in Wuhan Area Based on Landsat Remote Sensing Data
…… HAN Fuyuan, WANG Tianming, SUN Yang(90)
Research on Key Technologies of Coastal Zone Development and Utilization Monitoring in Liaoning
…… GU Lei, CUI Shengtao(93)
Research on Thematic Map Making of Liaoning Province Supported by MapGIS
…… ZHANG Zhuo, WANG Chongchang(96)
Object-oriented Information Extraction and Analysis of the Iron Tailings with GF-1 Remote Sensing Image
…… CAO Lanjie, WU Bing, WANG Jinhua, etc.(98)

万方数据

A Interferometric Measurement Technology of Spaceborne Wide Swath Radar Altimeter and Its Applications
…… LAI Yuanyou(102)
Change Detection for High Resolution Panchromatic Image Based on Image Fusion
… YUN Hongquan, ZHANG Qiheng, TIAN Zhenpo, etc.(105)
Flood Extraction and Monitoring Based on Sentinel-1B SAR Data …… WU Wenhui, WANG Lixin, MA Zhuo(110)
Study on the Model of Large Scale Geographical Information Data Services
…… MU Zengguang, LIU Huihui(112)
Study on Technology to Wetland Investigation and Update
…… FANG Ailing, SONG Liming, LIU Jun, etc.(115)
Change Detection of High-resolution Remote Sensing Image Based on Differencing Image PCA
…… LU Xuanxuan, GUAN Mingyu(119)
Optimization of Key Modules in Liaoning Fundamental Geographic Information Database System
…… LIU Shanshan(121)
Design and Implementation of Information Management System for Forestry Nature Reserve
…… QIU Shengrong(124)
Discussion on Domestic Satellite Image Processing Technology
…… QIU Ying(127)
Research and Exploration of Data Collection for Basic Geography Provincial Situation Monitoring
…… LIU Jun(129)
Research and Application of Network Mapping System for Information Surveying and Mapping
…… ZHOU Yongbing, DA Xing(133)
Research on Point Cloud Reduction Algorithm Based on Boundary Reservation
…… CHANG Junfei, REN Sihong, YAO Tao(136)

S/M Engineering

Contour Generation Algorithm of Point Clouds Based on Patch Cutting Technology
…… ZHEN Zongkun, CAI Dongjian(141)
Research on Calibration Method of SeaBeam 3012 Multibeam Bathymetry System
…… ZHANG Deng, ZHU Yongling, ZHANG Tao, etc.(144)
Analysis and Research of Geological Radar Detection Accuracy …… YANG Hongwei, XUE Xiaoxuan(150)
Correcting Mine Surface Deformation Data Based on Gray Neural Network Model …… LIU Weikang(153)
Research on Variable Weight Combination Model in Engineering Deformation Prediction …… ZHENG Gan(157)
Analysis Research on User-Centric Map
…… CHEN Hui, GUO Jian, LI Aiguang, etc.(162)
Application of Photoshop Software in Image Data Edge
…… YANG Xiaoying, XIONG Yonghe, CAI Yanbin, etc.(166)
Study on the Strategy of Utilizing Cultivated Land and Reserve Resources in Heilongjiang
…… GUAN Guofeng, ZHENG Hao, DI Chun, etc.(169)
Surface Subsidence Analysis Based on PS-InSAR
…… KONG Lingshu, CHEN Meng, WU Hao(172)
Research of 3D City Modeling Based on Unmanned Gyroplane's Oblique Photogrammetry …… HAN Yu(175)
Application of Gyro Total Station in Holing Through Survey of Underground Engineering
…… SUN Shufang, XU Yunyan(179)
Design and Compilation of *The Atlas of Silk Road Open Situation in Xinjiang Uygur Autonomous Region*
…… MENG Ling(181)
Application and Research of Inpho Geographic Modeling on Measurement for River Section
…… SUN Chang, MA Qingshuai, WANG Chuang(184)
Research on Application of Gyro Total Station in Tunnel Survey …… SUN Peng(188)
New Method of Height Surveying of Points under Water by Resection
…… PENG Xin, WANG Hai, OUYANG Ya(191)
Programming for GSI Data of Geomax Electronic Total Station Generating Drawing Coordinate File of CASS9.1
…… LI Hailing(194)
Research on Flood Risk Map Compilation Technology
…… YANG Ailing, ZHU Yanlong, ZHOU Quan, etc.(197)
Analysis of the Application of Digital Measurement in Cadastral Surveying
…… WANG Xinghan, WU Binghe, WANG Ning(200)
Research and Implementation of "One Village One Town One Map" Rapid Mapping Software
… HU Pingchang, WANG Runzhe, XIONG Pengbo, etc.(203)
Data Three-dimensional Cadastral TEN Model Based on the Boundary Theory of Poincare Algebra
…… YANG Xiude(206)
Deformation Monitoring Method of Slope High Retaining in Hechi Airport
…… XU Wenxue, YANG Hui, LI Feng, etc.(210)
Practical Research on the Acquisition of Tilted Aerial Photography Data …… WANG Zichen(213)
Application of Image-controlled UAV Tilt Photogrammetry in Rural Cadastral Surveying
…… GUO Lan, WANG Chuntao, ZHAO Yuanwu(216)
UAV Survey in the Third National Land Survey Application of Pilot Project in Gansu
… WANG Yonghong, ZHANG Yangyang, MEN Linjie, etc.(219)
Application of UVA Technology in Daily Cadastral Surveying and Mapping
…… ZHANG Rui, MENG Lingfei, WANG Dongmei(222)

万方数据