

目次

2011年第1期(总第34卷第147期)

博士园地

- “数字管道”技术研究与概述
..... 王瑞萍 谭志强 刘虎(1)
- 空间实体关联规则提取技术研究
..... 王海涛 刘海砚(5)
- 基于 ArcGIS Engine 的交通规划信息支持系统的设计与实现
..... 王超 王伟 王鹏等(10)
- 测量学实验教学模式的分析与探讨
..... 刘尚国 王健 姜岩(15)
- 基于工作流的协同专题制图
..... 刘涛 程耀东 杨树文等(18)

基金项目专栏

- “质量工程”背景下地图学精品课程建设的思考
和实践 王文福 马俊海(22)
- 基于 Web Service 的地理数据服务架构研究
..... 王军 梁延寿(26)
- GIS 与 GPS 管道特征定位应用
..... 韩小明 王颖 冯庆善等(29)
- 城市地理信息集成应用技术研究
..... 曲林 王金梁 殷福忠(33)
- 海河流域水土流失微地貌测量与分析
..... 凌峰 张博 齐建怀等(37)
- 蓝牙通信技术在电子测量仪器数据传输上的应用
..... 王宝山 杨春全 徐丽丽(41)
- 露天矿卡车调度系统关键技术研究
..... 董红娟(43)
- 带约束折线的平面散点集 Delaunay 三角剖分
..... 王中辉 闫浩文(46)
- 基于 Skyline 的海量 3 维实体模型管理与显示
..... 黄丽 曹新平(48)
- 基于 OSC 的火星形貌 3 维建模与绘制
..... 梁雅港 周杨 张勇等(53)
- 基于不同拟合方法的圆曲线综合不确定性模型
..... 樊俊屹 董小华(57)
- 多元线性回归算法在井下三角高程测量中的应用研究
..... 王帅 高井祥 胡洪等(63)

3S 技术与应用

- 3 维实景地理信息网络平台关键技术研究
..... 艾驰 徐邦岁 华亮春(67)
- 利用克里格法对 GPS 高程拟合的实践
..... 黄欣 杜国明(72)
- 应用 GPS RTK 技术的城市工程测量方法研究
..... 付青松(75)
- 深圳连续运行参考站(SZCORS)的观测数据质量检测与分析
..... 罗和平 吴巍 邱蕾等(78)
- 丽水市户外广告管理地理信息系统的建设
..... 江丽钧 陈再辉 王红霞等(81)
- 山西邢汾高速(榆社-和顺康佳楼)定测工作的几点思考 黄静新 咎秀红 王棋(84)
- 关于无人机应用安全问题的一点探讨
..... 王宪伦(87)
- 测量监理信息管理系统设计与实现
..... 王昌洪(89)
- 基于数字城市中地上与地下 3 维一体化漫游展示的研究 段文生 武少丰(92)
- 基于 3S 技术的数字城市规划监察系统构建
..... 陈世宏 王雷 陈庆华等(95)
- 基于 Google SketchUp 与 Google Earth 的校园 3 维实现 黄皖毅 林紫峰 章皖秋等(100)
- GIS 在油气长输管道完整性管理中的应用
..... 耿作孝 林渊 李晓宁(105)
- 浅谈数字正摄影像的制作技巧与心得
..... 林跃春 王睿(109)
- 基于水文模型与 DEM 3 维可视化在洪水淹没中的模拟研究 王克刚(112)
- 基于 MapGIS 境界信息管理系统的设计和开发
..... 杨帆 梁发宏 刘佳等(115)
- 3D 地理信息系统技术在地籍信息系统中的应用探讨 李全宝 黄绍伟(118)
- DGPS 差分定位系统应用于低空摄影测量无人机气动参数计算 廖永生 周宏霞(121)
- 浅析城市参考站网络建设通讯方案
..... 甄鑫强 李兆华(124)
- 基于 GIS 技术的环保信息系统设计
..... 李岫军 徐效波(128)

期刊基本参数: CN23-1520/P * 1978 * b * A4 * 224 * zh * P * ¥28.00 * * 81 * 2011-02

遥感影像结合 RTK 绘制中大比例尺地形图的应用研究

..... 何存见 李云涛 武伟 等(132)

基于 MapGIS 编制城镇土地利用现状图的研究

..... 唐秋祥(136)

如何利用 DEM 在 ArcGIS 中制作坡度分级图

..... 刘建华(139)

基于 GIS 的城镇土地估价空间决策支持系统的设计研究

..... 曲哲 张程光 冯仁德(142)

机载 LiDAR 技术原理及其几点应用分析

..... 靳克强 龚志辉 汤志强 等(144)

基于移动测量数据的公路路况调查软件设计与实现

..... 李元博 王卫安 丁美 等(147)

基于神经网络的变形预报方法研究

..... 李井春 张文朗 夏立福(151)

3 维仿真城市的建设方法

..... 杜连艳 张琼 金明一(154)

基于云计算的 GIS 研究

..... 陈维崧 陈庆秋(157)

CommunityViz 软件的 Build-Out 分析在城市规划中的应用

..... 周杰 吴健平 王全(159)

基于遥感影像的大郑东新区景观格局现状分析

..... 冯峰 马蓓蓓 杨燕丽 等(162)

县级土地利用数据库整理方法简介

..... 黄卫玲(166)

GIS 技术在地质灾害研究中的应用

..... 占辽芳 廖野翔 彭颖霞 等(168)

基于模拟数据的航天线阵 CCD 传感器定标研究

..... 汤志强 范大昭 靳克强 等(171)

基于 RS、GIS 的杜蒙县土地利用结构变化研究

..... 李昀 杨凤海 史志凤(174)

基于 ETM+ 遥感影像水体信息提取方法探讨

..... 陈婧 邓一兵(177)

基于两种遥感影像的郟庐断裂带构造解译浅析

..... 吴哲(181)

测绘工程

房产测绘有关问题探讨 王强(183)

精密三角高程测量在公路测量中的应用

..... 咎峰(186)

测绘新技术、新工艺在晋江市 1:500 航测成图

工程中的应用 连镇华(188)

关于应用第二次土地调查成果联合开展农村

宅基地权属调查及规范农民建房摸底调查的

全新工作方法 李洁园(192)

基于 VirtuoZo 的地形图符号的设计与创建

..... 王向前 马廷柏 白冰 等(195)

城镇土地利用与潜力评价数据获取方法及分析

探讨 曹爱民(198)

对测绘发展战略研究工作的几点思考

..... 阮于洲(202)

地图标注和地图注记的探讨

..... 乔占明 闫浩文(205)

基于 IOWA 算子的组合预测模型研究及应用

..... 夏立福 李井春 王洪海(208)

DEM 的粗差探测与生产质量控制方法

..... 王贵满 王东华(210)

MapInfo 数据的坐标转换方法研究

..... 侯东阳 张书毕(213)

基于验后方差估计原理导出的选权迭代法剔除

粗差 孙同贺(215)

多波束测量海底反射图判读方法的研究

..... 赖高望(218)

深基坑开挖对周围建筑物影响的监测

..... 孟凡冬 魏宝安 张梁 等(221)

浅谈沉降监测曲线图绘制的两种方法

..... 桂小梅(225)

浅谈 JX-4C DPW 与 VirtuoZo 在立体测图中的

优缺点对比 秦杨 任亚茹 孙阳(227)

地图设计中的美学研究

..... 曹一冰 付洪贝 潘志超(231)

航测数据处理中的空间插值方法比较

..... 王颖 祝民强 乔康宁(234)

基于 AI 环境下专题地图的编辑与制作

..... 严薇 张佩英 阙映红(238)

基于 Voronoi 的海洋底质区域划分方法研究

..... 王涛 陈惠荣 王少帅 等(242)

双树乡 1:1 000 地形图测量技术设计

..... 李清华 姜赟(244)

测绘管理与质量

福州市勘测档案信息化建设研究

..... 方雅申(247)

测绘资料档案信息管理与应用分析

..... 李瑞芳(250)

测绘业务 workflows 的应用实践

..... 刘桂生 李明(253)

浅谈 ISO 9001 质量管理体系在房产测绘中的应用

..... 肖淑红 周晖东 喻贵才(255)

网络化的测绘生产 亢峰 任晓蕾(258)

测绘教育与科普

高等职业院校工程测量技术专业《控制测量学》

教学改革研究 胡川(261)

浅议地理教材中地图的编制原则

..... 王建军(264)

Doctor Column

- Technique Research and Development Summarization of "Digital Pipeline" WANG Rui-ping, TAN Zhi-qiang, LIU Hu(1)
- Study of Spatial Entity Association Rules Extraction Technology WANG Hai-tao, LIU Hai-yan(5)
- Design and Implementation of Transportation Planning and Information Supporting System Based on ArcGIS Engine WANG Chao, WANG Wei, WANG Peng, etc.(10)
- Analysis and Discussion of Experimental Teaching Mode for Surveying LIU Shang-guo, WANG Jian, JIANG Yan(15)
- Cooperative Thematic Mapping Based on Workflow Model LIU Tao, CHENG Yao-dong, YANG Shu-wen, etc.(18)

Fund Projects Column

- Thinking and Practice of Cartography Course Construction Based on "Quality Project" WANG Wen-fu, MA Jun-hai(22)
- Research on Geo-Data Services Architecture Based on Web Service WANG Jun, LIANG Yan-shou(26)
- Application of GIS and GPS Technique in Pipeline Features Location HAN Xiao-ming, WANG Ying, FENG Qing-shan, etc.(29)
- Technique Research on Integration Application of City Geomatics QU Lin, WANG Jin-liang, YIN Fu-zhong(33)
- Detailed Relief Surveying and Analysis for Soil Erosion in Haihe River Basin LING Feng, ZHANG Bo, QI Jian-huai, etc.(37)
- The Application of Bluetooth Communication Technology in Electronic Surveying Instruments WANG Bao-shan, YANG Chun-quan, XU Li-li(41)
- Analysis the Key Technologies of the Truck Dispatching System at Open-Pit Mines DONG Hong-juan(43)
- Delaunay Triangulation of 2D Scattered Point Set with Constrained Polyline WANG Zhong-hui, YAN Hao-wen(46)
- Management and Display of Massive 3D Entity Model Based on Skyline HUANG Li, CAO Xin-ping(48)
- 3D Modeling and Rendering of Mars Topography Based on OSC LIANG Ya-gang, ZHOU Yang, ZHANG Yong, etc.(53)
- A Comprehensive Circular Curve Error Model Based on Three Fitting Methods FAN Jun-yi, TONG Xiao-hua(57)
- Applied Research of the Algorithm of Linear and Multiple Regression in Underground Trigonometric Leveling WANG Shuai, GAO Jing-xiang, HU Hong, etc.(63)

3S Technology and Its Application

- Study on the Key Technologies of Real 3D Geographic Information Network Platform AI Chi, XU Bang-sui, HUA Liang-chun(67)
- GPS Height Anomaly Fitting Based on Kriging Technology in

- Small Area HUANG Xin, DU Guo-ming(72)
- Research on Urban Engineering Survey Method Based on GPS RTK Technology FU Qing-song(75)
- Quality Test and Analysis on Observation Data of SZCORS data LUO He-ping, WU Wei, QIU Lei, etc.(78)
- The Construction of Outdoor Advertising Management Geographic Information System for Lishui City JIANG Li-jun, CHEN Zai-hui, WANG Hong-xia, etc.(81)
- Several Ideas about Construction Setting Out in Shanxi Xing-Fen Highway(Yushe-Heshun Kangjialou) HUANG Jing-xin, ZAN Xiu-hong, WANG Qi(84)
- Discussion on Security Issues of UAV Application WANG Xian-lun(87)
- Design and Development of Surveying Supervision Information Management System WANG Chang-hong(89)
- Research on 3D Visualization Technology Based on the Integration of Above and Underground Data of Digital City DUAN Wen-sheng, WU Shao-feng(92)
- Establishment of 3S Technologies-based System for Digital City Planning Supervision CHEN Shi-hong, WANG Lei, CHEN Qing-hua, etc.(95)
- Realization of 3D Virtual Campus Based on Google SketchUp and Google Earth HUANG Wan-yi, LIN Zi-feng, ZHANG Wan-qiu, etc.(100)
- Application of GIS in the Oil and Gas Pipeline Integrity Management GENG Zuo-xiao, LIN Yuan, LI Xiao-ning(105)
- Discussion on the Skills and Experiences of DOM Production LIN Yue-chun, WANG Rui(109)
- Visualization in Flood Submerge Simulation Based on Hydrological Model and DEM WANG Ke-gang(112)
- Design and Development of Information Management System for Boundaries with MapGIS YANG Fan, LIANG Fa-hong, LIU Jia, etc.(115)
- Discussing the Application of Three-Dimensional GIS Technology in CIS LI Quan-bao, HUANG Shao-wei(118)
- Aerodynamic Parameters Calculation of UAV of Low Altitude Photogrammetry Using DGPS Differential Positioning System LIAO Yong-sheng, ZHOU Hong-xia(121)
- Discussion on the Communication Plan of Urban Reference Station Network Construction ZHEN Xin-qiang, LI Zhao-hua(124)
- GIS-based Environmental Information System Design LI Xiu-jun, XU Xiao-bo(128)
- Research on Application of Medium and Large Scale Topographic Map in the Technique of Remote Sensing Images Combined with RTK HE Cun-jian, LI Yun-tao, WU Wei, etc.(132)
- Research on Compiling Land Utilization Status Drawings of Town Based on MapGIS TANG Qiu-xiang(136)

Discussion on the Method of Making Slope Classification Map with DEM in ArcGIS LIU Jian-hua(139)

Research on the Urban Land Appraisal Spatial Decision Support System Based on GIS QU Zhe,ZHANG Chen-guan,FENG Ren-de(142)

Key Principles and Its Applications of Airborne LiDAR JIN Ke-qiang,GONG Zhi-hui,TANG Zhi-qiang,etc.(144)

Design and Implementation of Road Quality Investigation Software Based on Mobile Mapping Data LI Yuan-bo,WANG Wei-an,DING Mei,etc.(147)

Research on the Method of Deformation Prediction Based on Neural Network LI Jing-chun,ZHANG Wen-lang,XIA Li-fu(151)

Construction Method of Three Dimensional Simulation City DU Lian-yan,ZHANG Qiong,JIN Ming-yi(154)

A Research of GIS Base on Cloud Computing CHEN Wei-song,CHEN Qing-qiu(157)

Application of CommunityViz's Build-Out Analysis in Urban Planning ZHOU Jie,WU Jian-ping,WANG Quan(159)

A Landscape Pattern Analysis of ZhengDong New Area under the Information of Remote Sensing FENG Feng,MA Bei-bei,YANG Yan-li,etc.(162)

Introduction for the Arrangement Way of Land Use Database at the Country Level HUANG Wei-ling(166)

Research on Application of GIS Technology in Geological Hazard ZHAN Liao-fang,LIAO Ye-xiang,PENG Ying-xia,etc.(168)

The Research on Space Line-Array CCD Sensor Calibration Based on Simulant Data TANG Zhi-qiang,FAN Da-zhao,JIN Ke-qiang, etc.(171)

Study on the Structure Change of Land Use in DuMeng County Based on RS and GIS LI Yun,YANG Feng-hai,SHI Zhi-feng(174)

Study on Method of Extracting Water Information from ETM+ Remote Sensing Images CHEN Jing,DENG Yi-bing(177)

The Structural Interpretation of Tanlu Fault Basing on Two Sensing Images WU Zhe(181)

S/M Engineering

Discussion on the Issues of Real Estate Surveying and Mapping WANG Qiang(183)

Application of Precious Triangular Elevation Measurement in Road Surveying ZAN Feng(186)

The Application of the New Technology and Industrial Art of Surveying and Mapping in 1:500 Photogrammetric Mapping of Jinjiang City LIAN Zhen-hua(188)

Research on a New Method of Investigating the Rural Residential Land Ownership and the Status of Residential Construction by Farmers by Using the Results of Second National Land Surveying LI Jie-yuan(192)

Design and Creation of Topographic Symbols Library Based on VirtuoZo WANG Xiang-qian,MA Ting-bo,BAI Bing,etc.(195)

A Methods of Data Acquire in Urban Cadastral Survey for Land Potential Analyzing CAO Ai-min(198)

Thoughts on Strategic Research of Surveying and Mapping RUAN Yu-zhou(202)

Discussion on Map Labeling and Map Annotation QIAO Zhan-ming,YAN Hao-wen(205)

Research and Application on the Method of Deformation Prediction Based on IOWA Operator XIA Li-fu,LI Jing-chun,WANG Hong-hai(208)

Quality Control and Error Detection of DEM WANG Gui-man,WANG Dong-hua(210)

Research the Coordinate Transformation Method about MapInfo Data HOU Dong-yang,ZHANG Shu-bi(213)

Gross Error Elimination Based on the Weight Iteration of Posterior Variance Estimation SUN Tong-he(215)

Study on Audiogram Interpretation of Multi-beam Surveying LAI Gao-wang(218)

Monitoring of Influence on the Surrounding Buildings in Deep Foundation Pit Excavation MENG Fan-dong,WEI Bao-an,ZHANG Liang,etc.(221)

Discussion on Two Methods of Drawing Settlement Observation Curve GUI Xiao-mei(225)

Comparison of the Advantages and Disadvantages in Three-Dimensional Mapping between JX-4C DPW and VirtuoZo QIN Yang,REN Ya-ru,SUN Yang(227)

Aesthetic Analysis in the Map Design CAO Yi-bing,FU Hong-bei,PAN Zhi-chao(231)

Spatial Interpolation Methods in Aerial Survey Data Processing WANG Ying,ZHU Min-qiang,QIAO Kang-ning(234)

The Editing and Production of Thematic Maps Based on AI Environment YAN Wei,ZHANG Pei-ying,KAN Ying-hong(238)

Method of Seabed Material Delimitation Based on Voronoi Diagram WANG Tao,CHEN Hui-rong,WANG Shao-shuai,etc.(242)

1:1 000 Topographic Survey Technology Design of Shuangshu Rural Area LI Qing-hua,JIANG Yun(244)

S/M Management and Quality

Research on the Informationization Construction of Archives in Fuzhou Investigation and Surveying FANG Ya-shen(247)

Surveying and Mapping Archives Information Management and Application Analysis LI Rui-fang(250)

Practical Application in the Working Flow of Surveying and Mapping LIU Gui-sheng,LI Ming(253)

Discussion on the Application of ISO 9001 Quality Management System in Real Estate Surveying XIAO Shu-hong,ZHOU Hui-dong,YU Gui-cai(255)

Network-Based Surveying and Mapping Production KANG Feng,REN Xiao-lei(258)

S/M Education and Science Popularization

Study on the Reform for "Control Survey" Teaching in Engineering Surveying Technology of Higher Vocational Institutions HU Chuan(261)

Discussion on the Principles of Map Compilation in Geography Teaching Materials WANG Jian-jun(264)