



目次

科技专栏 · 新型基础测绘

- 对新型基础测绘的再认识 俞肇元, 周良辰, 袁林旺, 罗文, 闫国年(1)
- 三调椭球面积计算工具设计与实现 闫海洋, 汤玲, 王刚(5)
- 倾斜摄影和激光雷达技术在新型基础测绘建设中的应用——以上海张江试验区地形图升级项目为例 李涛, 袁毅, 黄万胜(9)

理论研究

- 基于 PEIV 模型的矿区坐标框架转换参数估计方法研究
..... 靳文举, 徐强国, 吕建河, 韩先楠, 丁锐(13)
- 高层建筑物沉降监测成果可视化方法研究 郭树森, 黄新民, 邓建林, 胡伍生(19)
- 应急测绘轻量级成果发布平台研究 蒋莹, 张光伟, 赵建崇(23)
- 基于“互联网+”的智慧测绘综合业务管理平台建设研究
..... 叶金富, 郭云嫣, 冉慧敏(26)
- 基于 DEM 的珠江三角洲地区水文特征模拟与分析
..... 刘凤梅, 黎义勇, 肖攀, 曾敏(31)
- 超高层复杂环境下 BDS/GPS 数据质量评估 晏南(35)

应用技术

- 一种面向基础地理信息资源数据库的框架实体索引方法
..... 宋玉兵, 黄健, 顾芒, 王冬升, 陆藩藩(39)
- 地铁隧道自由设站变形监测基准网稳定性检验 李益斌, 陈健(44)
- 大比例尺地形图在 1:10 000 DLG 数学精度检测中的应用
..... 纪冬华, 付超, 牛海鹏(47)
- 校车需求实时反馈的微信小程序设计与实现 章文慧, 王玉燕, 吴俊男, 曹敏(50)
- 基于 Xamarin 的智慧城市跨平台移动终端的设计与实现
..... 邱月, 郭佳, 黄俊(55)
- 二三维一体化不动产管理平台设计与实现 袁静, 周雨晨, 王楠溢(60)

现代测绘

Modern Surveying and Mapping

1978年创刊



2021

双月刊

CONTENTS

Vol44 No.1

Recognition of New Basic Surveying and Mapping	
... YU Zhao-yuan, ZHOU Liang-chen, YUAN Lin-wang, LUO Wen, LV Guo-nian(1)	
Design and Implementation of the Ellipsoid Area Calculate Tool for The Third Na- tionwide Land Survey	LV Hai-yang, TANG-Ling, WANG-Gang(5)
Application of Oblique Photography and Lidar Technology in New Basic Surveying and Mapping Construction——Taking the Topographic Map Upgrading Project Of Zhangjiang Experimental Area in Shanghai as an Example LI Tao, YUAN Yi, HUANG Wan-sheng(9)
Parameter Estimation of Mining Area Coordinate Frame Transformation Based on PEIV	JIN Wen-ju, XU Qiang-guo, LV Jian-he, HAN Xian-nan, DING Rui (13)
Research on Visualization Method of Settlement Monitoring Results of High-rise Buildings	GUO Shu-sen, HUANG Xin-min, DENG Jian-lin, HU Wu-sheng (19)
Research on Lightweight Results Publishing Platform of Emergency Surveying and Mapping	JIANG Ying, ZHANG Guang-wei, ZHAO Jian-chong (23)
Construction of Intelligent Surveying and Mapping Management Platform Based on the Latest Internet Technology	YE Jin-fu, GUO Yun-yan, RAN Hui-min (26)
Simulation and Analysis of Hydrological Characteristics of the Pearl River Delta Based on DEM	LIU Feng-mei, LI Yi-yong, XIAO Pan, ZENG Min (31)
Quality Evaluation of BDS / GPS Data in Super High-level Complex Environment	YAN Nan (35)
A Framework Entity Index Method for Basic Geographic Information Resource Da- tabase
... SONG Yu-bing, HUANG Jian, GU Man, WANG Dong-sheng, LU Fan-fan (39)	
Stability Detection in Deformation Monitoring Reference Network of Free Station for Subway Tunnel	LI Yi-bin, CHEN Jian (44)
Application of Large Scale Topographic Map in the Mathematical Precision Detec- tion of 1 :10 000 DLG	JI Dong-hua, FU Chao, NIU Hai-peng (47)
Design and Implementation of School Bus Demand Real-time Feedback Wechat Applet	ZHANG Wen-hui, WANG Yu-yan, WU Jun-nan, CAO Min (50)
Design and Implementation of Smart City Cross-platform Mobile Application Based on Xamarin	QIU Yue, GUO Jia, HUANG Jun (55)
Design and Implementation of 2D-3D Integrated Real Estate Management Platform	YUAN Jing, ZHOU Yu-chen, WANG Nan-yi (60)