



中国核心学术期刊

中国学术期刊综合评价数据库统计源期刊

ISSN 2096-9872

CN 10-1250/TU

CODEN BJDXBP

# 北京建筑大学学报

JOURNAL OF BEIJING UNIVERSITY OF CIVIL ENGINEERING AND ARCHITECTURE

- 豫西层台式锢窑营造特色与保护修缮技术研究
- 多元主体协同视角下的老旧社区微空间改造公众参与机制优化研究
- 明清通州城仓运历史特征及遗产价值认知
- 基于 AHP-物元可拓模型的桥梁健康监测系统项目后评价研究
- 基于体内力无应力状态法的斜拉桥施工阶段调索计算分析
- 灌浆套筒注浆浆料流态及力学性能分析研究

中国·北京  
BEIJING·CHINA

2023年10月

第39卷 第5期

Vol.39/ No.5

5

## 目 次

### 建筑与规划

#### 多元主体协同视角下的老旧社区微空间改造公众参与机制优化研究

..... 吕小勇, 郭成蹊, 李红芳, 罗子博, 赵萌(1)

#### 明清通州城仓运历史特征及遗产价值认知 ..... 张曼, 王鹏辉(11)

#### 豫西层台式锢窑营造特色与保护修缮技术研究

——以巩义市泰茂庄园为例 ..... 韦峰, 宋思佳, 吴泽坤(18)

#### 基于 CityGML 与 IFC 数据标准的建筑模型构建研究 ..... 崔星, 尚云博, 廖钦洪, 黄丽霞(25)

#### 北京二绿地区都市农业多功能评价与发展模式探究 ..... 马金禹, 魏菲宇, 杨子茹(35)

#### 基于多源数据的合肥市老城区街道绿化空间研究 ..... 郑杰, 鲁珊, 郑志元(46)

### 工程与技术

#### 基于 AHP-物元可拓模型的桥梁健康监测系统项目后评价研究 ..... 马世昌, 易冰玉, 瑰英帅(56)

#### 基于体内力无应力状态法的斜拉桥施工阶段调索计算分析 ..... 阴存欣(63)

#### 灌浆套筒注浆浆料流态及力学性能分析研究 ..... 曲秀妹, 马瑛杰, 谢焱南, 任逸生(72)

#### 复杂地质条件下钢筋混凝土结构受力性能数值模拟分析 ..... 谢颖(84)

#### 一种新型限阻器在软弱围岩隧道中的试验研究 ..... 胡健(92)

#### 地铁环线路径选择的统计分析与应用 ..... 金童, 牟唯嫣(100)

#### 基于复小波变换的相角差值电能扰动检测法 ..... 龚静(108)

**JOURNAL OF BEIJING UNIVERSITY OF  
CIVIL ENGINEERING AND ARCHITECTURE**  
**Vol. 39 No. 5 Oct. 2023**

---

---

**CONTENTS**

**Architecture and Planning**

Research on the Public Participation Mechanism Optimization on Micro-Space Renovation in Old Communities under the Perspective of Multi-Stakeholder Collaboration

..... LÜ Xiaoyong, GUO Chengxi, LI Hongfang, LUO Zibo, ZHAO Meng(1)

Study on the Characteristics and Protection and Repair Technology of Bed Type Occluding Kiln in Western Henan: Taking Taimao Manor in Gongyi City as an Example ..... WEI Feng, SONG Sijia, WU Zekun(18)

Research on Building Model Construction Based on CityGML and IFC Data Standards

..... CUI Xing, SHANG Yunbo, LIAO Qinhong, HUANG Lixia(25)

Exploring the Development Model of Beijing's Second Green Region Under the Multifunctional Agricultural Evaluation System ..... MA Jinyu, WEI Feiyu, YANG Ziru(35)

Research on the Greening Space of Old City Streets in Hefei Based on Multi-Source Data

..... ZHENG Jie, LU Shan, ZHENG Zhiyuan(46)

**Engineering and Technology**

Research on the Post-Evaluation of Bridge Health Monitoring System Project Based on AHP-Matter-Element Extension Model ..... MA Shichang, YI Bingyu, JU Yingshuai(56)

Analysis and Computation for Adjustment of Cable Forces of Bridge on Construction Stages by Stress-free State Method Based on Internal Tension Force ..... YIN Cuxin(63)

Analysis and Research on Flow Pattern and Mechanical Properties of Grout Sleeve

..... QU Xiushu, MA Yingjie, XIE Yannan, REN Yisheng(72)

Numerical Simulation Analysis of Mechanical Behavior of Reinforced Concrete Structures Under Complex Geological Conditions ..... XIE Ying(84)

Experimental Study of a New Type of Restrictor in Soft Surrounding Rock Tunnel ..... HU Jian(92)

Statistical Analysis and Application of Subway Loop Route Selection ..... JIN Tong, MU Weiyan(100)

Phase Angle Difference Power Disturbance Detection Based on Complex Wavelet Transform ..... GONG Jing(108)

刊名题字：爱新觉罗·启骧

## 北京建筑大学学报

BEIJING JIANZHU DAXUE XUEBAO

双月刊，1985年创刊

第39卷 第5期

2023年10月25日出版

JOURNAL OF BEIJING UNIVERSITY OF CIVIL ENGINEERING AND ARCHITECTURE

Bimonthly, Started in 1985

Vol.39 No.5

Published on October 25, 2023

主管单位：北京市教育委员会

主办单位：北京建筑大学

主编：张大玉

副主编：高岩

编辑出版：北京建筑大学学报编辑部

地址：北京市西城区展览馆路1号

邮政编码：100044

电 话：86-10-61209296 86-010-68322098

邮 箱：editor@bucea.edu.cn

网 址：<https://bjjz.cbpt.cnki.net>

印刷单位：北京科信印刷有限公司

订 购 处：全国非邮发报刊发行部

**Administered by** Beijing Municipal Commission of Education

**Sponsored by** Beijing University of Civil Engineering and Architecture

**Editor-in-Chief:** ZHANG Da-yu

**Executive Editor-in-Chief:** GAO Yan

**Edited and Published by** Editorial Department of Journal of Beijing University  
of Civil Engineering and Architecture

**Address:** No.1 Zhanlanguan Road, Western District, Beijing 100044, P.R.China

**Telephone:** 86-10-61209296 86-010-68322098

**E-mail:** editor@bucea.edu.cn

**Website:** <https://bjjz.cbpt.cnki.net>

ISSN 2096-9872  
CN 10-1250/TU

国内定价：10.00元

ISSN 2096-9872



1.0>

9 772096 987237