

- 《万方数据—数字化期刊群》全文收录期刊
- 《中国学术期刊（光盘版）》全文收录期刊
- 《中文科技期刊数据库》收录期刊
- 《中国期刊网》收录期刊
- 河北省优秀期刊

ISSN 1673-7938
CN 13-1378/Z

北华航天工业学院学报

JOURNAL OF NORTH CHINA INSTITUTE
OF AEROSPACE ENGINEERING

第32卷 第5期

Vol. 32 No. 5



ISSN 1673-7938



2022 / 5

1989 年创刊

(总第 144 期)

第 32 卷 第 5 期

(双月刊)

2022 年 10 月 25 日出版

主管单位: 河北省教育厅

主办单位: 北华航天工业学院

编辑出版: 《北华航天工业学院学报》

编辑部

地 址: 河北省廊坊市 (065000)

电 话: (0316)2083881

出版发行: 《北华航天工业学院学报》

编辑部

发行范围: 国内外公开发行

印 刷: 廊坊市旭日源印务有限公司

ISSN 1673-7938

CN 13-1378/Z

国内定价: 6.00 元/本

全年定价: 36.00 元

目 次

·工程技术与应用·

基于 PLC 模糊控制的智能交通系统..... 韩伟娜,任 宽,邵芸松(1)

关于 3N+1 猜想三种简捷证明方法的研究..... 崔 岩,崔朝栋(4)

一种导向滤波优化的暗原色先验去雾算法..... 王慧娟,黄万方(7)

项目驱动的软件测试实验设计..... 杨丽娟,李 瑛,孙红艳(11)

双目相机低温防护设计与试验研究..... 李泽仁,蔡志为(14)

半球动压马达三相源精准驱动技术研究与应用

..... 李万军,申同强,徐睿岐,李 佳(17)

河北省非物质文化遗产空间格局及影响因素研究

..... 赵子辉,冷君泰,段龙方,罗 魏(20)

·财务与经济管理·

乡村振兴战略下村级财务管理工作规范化路径探析

..... 孙永彩,马志远(23)

基于政产学研联动效应的高校科技成果转化路径研究

..... 董梦晨,刘家欣,李梦楠(26)

·教学改革与教学管理·

《电力电子技术》课程思政教学改革探索与实践

..... 闫晓金,刘 倩(29)

《计算机网络原理》中的课程思政

..... 李会民,马桂英,王延仓(33)

新工科视域下数据结构与算法课程中思维创新能力提升方法研究

..... 车冬娟,周建伟,王显闯(36)

在移动教学平台的基础上开展 C 语言课程的教学模式改革与探索

..... 杨芳芳,焦 智,郭云波,王 鑫(39)

对于“电工技术”课程思政的探索

..... 任 鑫,徐利娜,焦 智,毕亚军(42)

大数据背景下河北省红色文化对外话语构建策略研究

..... 杨 洋,麻 蕊,宋 妍(44)

“产出导向法”视阈下英语阅读类课程教学改革与实践研究

..... 侯 静(48)

《英美文学鉴赏》课程思政研究

..... 苏 萌,康巍巍,田庆轩(51)

虚拟仿真在《材料性能学》课程教学中的应用研究

..... 张 程,王艳杰(54)

基于项目化教学的环境设计专业教学研究

..... 李昌浩(57)

·高校管理研究·

高校图书馆消防应急体系研究..... 荀雪莲,夏登友(60)

CONTENTS

Intelligent Traffic System Based on PLC Fuzzy Control Han Weina, Ren Kuan, Shao Yunsong (1)	
On Three Simple Proof Methods of 3N+1 Conjecture Cui Yan, Cui Chaodong (4)	
A Priori Dehazing Algorithm for Dark Primary Colors Based on Guided Filtering Optimization Wang Huijuan, Huang Wanfang (7)	
Project Driven Design of Software Testing Experiment Yang Lijuan, Li Ying, Sun Hongyan (11)	
Design and Experiment on Low Temperature Protection of Binocular Camera Li Zeren, Cai Zhiwei (14)	
Application of Precision Drive Technology of Hemisphere Dynamic Pressure Motor with Three-phase Source Li Wanjun, Shen Tongqiang, Xu Ruiqi, Li Jia (17)	
The Spatial Pattern and Influencing Factors of Intangible Cultural Heritage in Hebei Zhao Zihui, Leng Juntao, Duan Longfang, Luo Wei (20)	
Path of Normalization of Village-Level Financial Management under the Strategy of Rural Revitalization Sun Yongcai, Ma Zhiyuan (23)	
Transformation Path of University Scientific and Technological Achievements Based on the Linkage Effect of Government, Industry, University and Research Dong Mengchen, Liu Jiabin, Li Mengnan (26)	
Teaching Reform on Curriculum Ideology and Politics in Power Electronics Technology Yan Xiaojin, Liu Qian (29)	
Ideological and Political Education in Curriculum of Computer Network Principle Li Huimin, Ma Guiying, Wang Yancang (33)	
Improving Thinking Innovation Ability in the Course of Data Structure and Algorithms from Perspective of New Engineering Che Dongjuan, Zhou Jianwei, Wang Xianchuang (36)	
Teaching Mode Reform and Exploration of C Language Based on Mobile Platform Yang Fangfang, Jiao Zhi, Guo Yunbo, Wang Xin (39)	
Ideological and Political Education in Teaching Electrotechnology Ren Xin, Xu Lina, Jiao Zhi, Bi Yajun (42)	
Strategies of Construction of International Discourse of Hebei Red Culture under the Background of Big Data Yang Yang, Ma Rui, Song Yan (44)	
Teaching Reform and Practice of English Reading Program from the Perspective of POA Hou Jing (48)	
Teaching Mode Reform on Anglo-American Literature Su Meng, Kang Weiwei, Tian Qingxuan (51)	
Application of Virtual Simulation in Teaching Material Properties Zhang Cheng, Wang Yanjie (54)	
Project-based Teaching in Environmental Design Li Changhao (57)	
Fire Emergency Plan for University Library Xun Xuelian, Xia Dengyou (60)	

JOURNAL OF NORTH CHINA

INSTITUTE OF AEROSPACE

ENGINEERING

Started in 1989

(Sum.No.144)

Vol.32 No.5

(Bimonthly, Oct.2022)

Administrated by:

Hebei Education Department

Sponsored by:

North China Institute of Aerospace

Engineering

Edited & Published by:

Editorial Department of Journal of North

China Institute of Aerospace Engineering

Address:

Langfang 065000 Hebei, China

Distributed by:

Editorial Department of Journal of North

China Institute of Aerospace Engineering

Printed by:

Langfang xuriyuan Printing Co, LTD

Distribution:

Home and Abroad