

南京师范大学学报

工程技术版

2021年3月 第21卷第1期(总第81期)

目 录

控制科学与工程

焊道形貌特征的 BP 神经网络建模与预测

..... 黄无云,刘益剑,刘宗熙,杨继全,朱钊伟,谢 非,史建军(1)

计算机科学与技术

基于压缩感知和 DNA 编码的图像加密算法 宫 帅,霍 橙,谢 冬(8)

无人系统多模态视觉感知单元测试与评估方法的研究

..... 王 伟,刘海春,李 扬,郑国强,裴 凌,王立平(15)

多注意力机制的口罩检测网络 余阿祥,李承润,于书仪,李洪均(23)

网站变更监测预警系统的设计与实现 何诗佳,刘晓强,李柏岩,蔡立志,胡 芸(30)

基于 ALBERT 的中文医疗病历命名实体识别

..... 陈 杰,奚雪峰,皮 洲,盛胜利,崔志明(36)

基于深度学习的藏文现代印刷物版面检测技术研究 吴燕如,珠 杰,管美静(44)

基于 3D-CBAM 注意力机制的人体动作识别 王 飞,胡荣林,金 鹰(49)

基于支持向量回归的无参考屏幕内容图像质量评估 童 冰(57)

双目相机和激光雷达的融合 SLAM 研究 刘鸿勋,王 伟(64)

土木工程

秸秆保温砖建筑物的全生命周期能耗特性分析

..... 吴雨青,李金缘,刘予涵,刘怡彤,谢韬晋,黄金活,李昕宇,陈玮玮(72)

测绘科学与技术

基于历史统计数据的洪水动态地图设计与实现

..... 钟琳颖,杜毅贤,徐家鹏,李 杨,沈 婕(78)

江苏省休闲农业旅游的空间分布特征及影响因素分析 孙艺洋,侯国林(85)

【期刊基本参数】CN32-1684/T * 2001 * q * A4 * 92 * zh * P * ¥6.00 * 900 * 13 * 2021-03

JOURNAL OF NANJING NORMAL UNIVERSITY

(ENGINEERING AND TECHNOLOGY EDITION)

Vol. 21 No. 1

Mar, 2021

CONTENTS

Control Science and Engineering

Welded Surface Morphology Modeling and Prediction Based on BP Neural Network

..... Huang Wuyun, Liu Yijian, Liu Zongxi, Yang Jiquan, Zhu Zhaowei, Xie Fei, Shi Jianjun (1)

Computer Science and Technology

Image Encryption Algorithm Based on Compressed Sensing and DNA Coding Gong Shuai, Huo Cheng, Xie Dong (8)

Research on Test and Evaluation Method of Unmanned System Multi-Modal Vision Sensor Unit

..... Wang Wei, Liu Haichun, Li Yang, Zheng Guoqiang, Pei Ling, Wang Liping (15)

Multi-Attention Mechanism of Mask Wearing Detection Network Yu Axiang, Li Chengrun, Yu Shuyi, Li Hongjun (23)

Design and Implementation of Website Change Monitoring and Early Warning System

..... He Shijia, Liu Xiaoqiang, Li Baiyan, Cai Lizhi, Hu Yun (30)

ALBERT-Based Named Entity Recognition of Chinese Medical Records Chen Jie, Xi Xuefeng, Pi Zhou, Victor S Sheng, Cui Zhiming (36)

Research on Layout Inspection Technology of Modern Tibetan Prints Based on Deep Learning Wu Yanru, Zhu Jie, Guan Meijing (44)

Human Action Recognition Based on 3D-CBAM Attention Mechanism Wang Fei, Hu Ronglin, Jin Ying (49)

No Reference Quality Assessment for Screen Content Image Based on SVR Tong Bing (57)

Research on Fusion SLAM of Binocular Camera and Lidar Liu Hongxun, Wang Wei (64)

Civil Engineering

Analysis of Energy Consumption Characteristics of Straw Insulation Brick Buildings in the Full Life Cycle

..... Wu Yuqing, Li Jinyuan, Liu Yuhan, Liu Yitong, Xie Taojin, Huang Jinhua, Li Xinyu, Chen Weiwei (72)

Geomatics Science and Technology

Design and Implementation of Flood Dynamic Map Based on Historical Statistics

..... Zhong Linying, Du Yixian, Xu Jiapeng, Li Yang, Shen Jie (78)

Analysis of Spatial Distribution Characteristics and Influential Factors of Leisure Agricultural Tourism in Jiangsu Province

..... Sun Yiyang, Hou Guolin (85)

Editor-in-Chief: HU Minqiang; **Executive Editor-in-Chief:** MO Xiangyin; **Executive Editor:** YAN Hailin;

Translation Editor: SI Lianhe