

四川理工学院学报

自然科学版

1988 年创刊 · 双月刊 · 2016 年 8 月 20 日出版 · 第 29 卷第 4 期 · 总第 134 期

目 次

· 化学、生物及材料科学 ·

- α,β,β-氟代苯乙烯类单体合成技术研究进展 杨义,蔡俊杰,蒋燕,刘应乐,刘晓强(1)

- 改性累托石对废水中 NO_3^- 的吸附性能研究 徐贵钰,殷海青,赵延辉(7)

· 电子及计算机科学 ·

- 钢轨表面裂纹扩展路径的数值模拟 杨鸿达,张言库,李孝滔,李煦,江晓禹(12)

- 温度对介电弹性体材料致动器动态性能的影响 盛俊杰,张玉庆,李树勇,陈花铃(16)

- 弹性力学状态变量体系下各向异性层合板的稳定问题 李俊永,吕和祥(21)

- 镍钛形状记忆合金管接头有限元分析 徐祥,阚前华,康国政(26)

· 工程力学 ·

(栏目主持人:唐克伦博士)

- 磁钢充磁方式对内转子永磁电机的电磁性能影响分析 王晨,曹光华,曾剑(31)

- 基于 Ansoft 的内置式“一”型永磁同步电机的优化设计 何晶,范宏宇,王晨(35)

- 融合 SURF 特征的压缩追踪算法 方露,韩超(39)

- 美国《化学文摘》(CA) 收录期刊
 - 波兰《哥白尼索引》(IC) 收录期刊
 - 美国《乌利希期刊指南》(UPD) 收录期刊
 - 《中国核心期刊(遴选)数据库》收录期刊
 - 四川省高校优秀科技期刊
 - 四川省高校特色科技期刊
-

二值图像逻辑与运算 CNN 模板的稳定性设计

李硕, 魏小亭, 李国东(44)

基于立体视觉系统的手势分割算法研究

房稳, 孙新柱, 范县成, 刘梦悦(49)

· 工程质量、安全与防灾减灾 ·

(栏目主持人:吴佳晔博士)

中空锚杆无损检测方法的研究及应用

李国斌(55)

隧道周边共线径向双裂纹的应力强度因子数值分析

付杨成, 朱哲明, 刘凯, 范勇(59)

压应力下混凝土结构碳化试验研究

梁俊勇, 黄琪英, 王东, 毛亮(64)

大跨径曲线连续刚构桥静载试验及承载力研究

王伟, 薛国胜, 奉龙成, 张玉平(69)

· 数理基础科学 ·

一种求解 Bose-Hubbard 模型的简单方法

张丹伟(74)

分担值与正规族

吕凤姣, 蒋红敬(78)

一类级数部分和不等式及其应用

罗静(81)

n 个同型部件和 k 个修理设备的并联可修系统的可靠度探究

梁丽丹(88)

部分测量数据和无溢出二次模型修正问题的可解条件

罗海林, 张二喜(94)

高阶系统时滞反馈的部分极点配置问题

解婷婷, 郎英(97)

Journal of Sichuan University of Science & Engineering

(Natural Science Edition)

Started in 1988 / Bimonthly / No. 4 (Sum. No. 134) Vol. 29 / Published on Aug. 2016

CONTENTS

Recent Advances of the Synthetic Methods of α, β, β -Trifluorostyrenes

..... YANG Yi, CAI Junjie, JIANG Yan, LIU Yingling, LIU Xiaoqiang(1)

Studies on the Adsorption Performance for Nitrate Ion in Waste Water by Modified Rectorite

..... XU Guiyu, YIN Haiqing, ZHAO Yanhui(7)

Numerical Simulation of Crack Propagation Path of Rail Surface

..... YANG Hongda, ZHANG Yanku, LI Xiaotao, LI Xu, JIANG Xiaoyu(12)

Effect of Temperature on the Dynamic Performance of a Dielectric Elastomer Actuator

..... SHENG Junjie, ZHANG Yuqing, LI Shuyong, CHEN Hualing(16)

Stability Problems of Anisotropic Laminated Plates Based on Exact Elasticity Theory in State Space LI Junyong, LV Hexiang(21)

Finite Element Analysis of NiTi Shape Memory Alloy Pipe Coupling XU Xiang, KAN Qianhua, KANG Guozheng(26)

Analysis of the Effect on the Electromagnetic Properties of the Inner Rotor Permanent Magnet Synchronous Motor by

Magnetic Steel Magnetizing Method WANG Chen, CAO Guanghua, ZENG Jian(31)

Optimization Design of Interior “—” Type Permanent Magnet Synchronous Motor Based on Ansoft

..... HE Jing, FAN Hongyu, WANG Chen(35)

Compressive Tracking Algorithm Based on SURF Feature Fusion FANG Lu, HAN Chao(39)

The Stability Design of Binary Image Logic and CNN Template LI Shuo, WEI Xiaoting, LI Guodong(44)

Research of Hand Gesture Segmentation Algorithm Based on the Stereo Vision System

..... FANG Wen, SUN Xinzhu, FAN Xiancheng, LIU Mengyue(49)

Research and Application on the NDT Method of Hollow Anchor Rod LI Guobin(55)

The Stress Intensity Factor for Two Collinear Cracks Emanated From Tunnel by Using Numerical Analysis

..... FU Yangcheng, ZHU Zheming, LIU kai, FAN yong(59)

Monitoring the Carbonation Depth of Concrete Structure Under Stress

..... LIANG Junyong, HUANG Qiying, MAO Liang, WANG Dong(64)

Study on Static Load Test and Bearing Capacity of Large-span Curved Continuous Rigid Frame Bridge

..... WANG Wei, JIN Guosheng, FENG Longcheng, ZHANG Yuping(69)

A Simple Method to Solve the Bose-Hubbard Model ZHANG Danwei(74)

Shared Values and Normal Families LV Fengjiao, JIANG Hongjing(78)

A Kind of Series Part and Inequality and Its Application LUO Jing(81)

Study on Reliability of Paralleled Redundant Repairable System with n Identity Units and k Repair Facilities LIANG Lidan(88)

Solvability of Quadratic Model Updating Problems with Solvability of Quadratic Model Updating Problems with No Spillover

and Partially Measured Data LUO Hailin, ZHANG Erxi(94)

Partial Pole Assignment Problem for High Order Systems with Time Delay XIE Tingting, LANG Ying(97)