

中国科技核心期刊

中国科技论文在线优秀期刊

ISSN 1671-7147

CODEN JDXZB7

Journal of
Jiangnan University
Natural Science Edition

江南大学学报

自然科学版

中国·无锡

Zhongguo Wuxi

Jiangnan Daxue Xuebao

Ziran Kexue-Ban

ISSN 1671-7147



9 771671 714121

2012 Vol.11 No.6

万方数据

江南大学学报(自然科学版)

第 11 卷

第 6 期(总第 64 期)

2012 年 12 月

目 次

· 计算机科学与控制工程 ·

- 交流伺服硬件在回路系统的设计 朱渊渤,白瑞林,吉 峰,王长江(631)
- BP 和概率神经网络预测微生物热稳定性的比较 丁彦蕊,徐星宇,须文波(637)
- 基于 BP 神经网络的居民生活质量影响因素分析 赵向红,李 沛,李朝锋(642)
- 基于 GIS 的福州大学城大型书店布局适宜性评价 李志鹏,阎波杰,陈业滨(647)
- 加速度传感器性能快速测试平台 俞建峰,王安懿,李 辉,田 鹏(653)
- 不确定 T-S 模糊系统的有限时间 H_∞ 控制 张亚婷,闻继伟,彭 力(658)
- 增采样时延估计被动声音定位方法 祝宇虹,刘英翠(664)
- UKF 在视频移动目标跟踪中的应用 任龙飞,刘国栋(670)
- 基于输入估计的机动目标跟踪方法 周星南,张凤宇,刘以安(674)

· 机械工程 ·

- RBF 预测控制运用于柴油车 SCR 系统 冷斌龙,安 伟(678)
- 基于 UG 和 ANSYS 的锯架有限元结构分析 刘加龙,赵永武(682)

· 土木工程 ·

- 高桩码头拱式纵梁结构 陈 达,李 莉,姚鹏飞,廖迎娣(685)
- 矩形钢管空腹桁架人行天桥“TT”型节点受力性能 刘君平,王统宁(690)
- 桥墩局部冲刷对建桥的影响分析 高 晨,郝嘉凌,曹 通(695)
- 卸荷板挡土墙在水电站进场道路中的应用 陈启泰,李 健,聂午龙(698)

· 化学与材料工程 ·

- UF 膜法纳米磷酸铵的合成与催化丙烯酸正丁酯 陈 鑫,孙余凭(703)
- 含有调味品的食用油荧光光谱分析 闫雨桐,张 咏,程 瑶,王俊俊,陈 超,陈国庆(708)
- 石墨烯-双壁碳纳米管/酸性黄 9 修饰电极电化学检测鸟嘌呤和尿酸 许冰冰,王海军(712)

· 数理科学 ·

- 两类双向耦合的混沌系统的广义同步存在性 过榴晓,徐振源,胡爱花,徐训霞(719)
- 甲型流感病毒蛋白质序列的长记忆模型 张 玲,高 洁(727)
- 非平衡光场调节 Haldane 模型相变 王义翔,吴亚敏(731)
- 基于 Mirrlees 和 Holmstrom 委托代理模型的碳基金投资激励机制分析 汪 行,郑垂勇(736)
- 高次多项式微分系统的周期解 潘颖昕,杜 然,张秀菊(742)
- 一类对负顾客进行服务的排队系统主算子的豫解集 王秀玲,邢喜民(747)

江南大学学报(自然科学版)2012 年第 11 卷总目次 (I)

卷 终

英文编辑:宋启军

封面设计:王 俊

期刊基本参数:CN 32-1666/N * 2002 * b * A4 * 128 * zh * P * ¥8.00 * 900 * 24 * 2012 - 12

CONTENTS

Research and Development of AC Servo HIL Simulation System ZHU Yuan-bo, BAI Rui-lin, JI Feng, WANG Chang-jiang(631)

Comparison of the BP and Probabilistic Neural Network Used in Prediction of Microorganism Thermostability
..... DING Yan-rui, XU Xing-yu, XU Wen-bo(637)

Influence Factor Analysis of Quality of Life on the Residents based on BP Neural Network
..... ZHAO Xiang-hong, LI Pei, LI Chao-feng(642)

Research on Suitability Evaluation of Large Bookstores in Fuzhou University Town Based on GIS
..... LI Zhi-peng, YAN Bo-jie, CHEN Ye-bing(647)

Research on Acceleration Sensor Performance Testing System YU Jian-feng, WANG An-yi, LI Hui, TIAN Peng(653)

Finite-Time H_{∞} Control for Uncertain T-S Fuzzy Systems ZHANG Ya-ting, WEN Ji-wei, PENG Li(658)

Research on Time-Difference-of-Arrival Passive Acoustic Localization Algorithm with Up-Sampling Method
..... ZHU Yu-hong, LIU Ying-cui(664)

Application of UKF in Video Mobile Target Tracing REN Long-fei, LIU Guo-dong(670)

Method for Maneuvering Target Tracking Based on Input Estimation ZHOU Xing-nan, ZHANG Feng-yu, LIU Yi-an(674)

Research on Applying Predictive Control Based on RBF Network to SCR System in Diesel Vehicles
..... LENG Bin-long, AN Wei(678)

Finite Element Method Structural Analysis of Saw Frame Based on UG and ANSYS LIU Jia-long, ZHAO Yong-wu(682)

Study of Arched Longitudinal Beam on the High-Piled Wharf CHEN Da, LI Li, YAO Peng-fei, LIAO Ying-di(685)

Mechanical Behavior of Spatial TT-Joints in RHS Steel Tube Vierendeel Truss Footbridge ... LIU Jun-ping, WANG Tong-ning(690)

Influence Analysis of Bridge Pier Local Scour to the Bridge GUO Chen, HAO Jia-ling, CAO Tong(695)

Application Research Unloading-Board Retaining Wall on the Approach Road of the Hydropower Station
..... CHEN Qi-tai, LI Jian, NIE Wu-long(698)

Preparation of Ammonium Phosphotungstic Nanoparticles by UF Membrane Method and Their Catalytic Performance on the Synthesis of Butyl Acrylate CHEN Xin, SUN Yu-ping(703)

Fluorescence Spectra of Edible Oil with Seasoning
..... YAN Yu-tong, ZHANG Yong, CHENG Yao, WANG Jun-jun, CHEN Chao, CHEN Guo-qing(708)

Electroanalytical Determination of Guanine and Uric Acid Using Double-Walled Carbon Nanotube-Graphene Nanosheet Hybrid Film/ Acid Yellow 9 Modified Electrode XU Bing-bing, WANG Hai-jun(712)

Study on the Existence of Two Types Chaotic Generalized Synchronization of Bi-Directionally Coupled Oscillators
..... GUO Liu-xiao, XU Zhen-yuan, HU Ai-hua, XU Xun-xia(719)

Long-Memory Model for Protein Sequences of Influenza A Virus ZHANG Ling, GAO Jie(727)

Study on Non-Equilibrium Optical Field Manipulating the Phase Transition in Haldane Model ... WANG Yi-xiang, WU Ya-min(731)

Study on Incentive of Carbon Funds Investment Based on Principal-Agent Model of Mirrlees and Holmstrom
..... WANG Xing, ZHENG Chui-yong(736)

Periodic Solutions of Higher Order Polynomial Differential System PAN Ying-xin, DU Ran, ZHANG Xiu-ju(742)

Resolvent Set of Queueing Model with Service to Negative Customers WANG Xiu-ling, XING Xi-min(747)

End of Volume