

目 次

高吸收率非金属材料对 CO ₂ 激光反射率的试验测定	谢小柱,魏 昕,胡 伟,黄福民(1)
PEGDA/NIPAM 共聚物水凝胶的溶胀性能及体积相变研究	谭炯馨,阮雄杰,宁成云,霍延平,陈 荣,廖景文(5)
新型去屑止痒剂 BDG 对透明香波体系流变性和起泡能力影响研究	郭清泉,黄杰文,吴健秋,孙 雨,陈嘉丽(9)
基于包含型错误矩阵方程的消错规划求解研究	郭开仲,闵惜琳(12)
错误函数的建立	石 佳,郭开仲(16)
延拓矩阵半正定因子的扰动界	文 伟(19)
离散 T-S 模糊控制系统的稳定性研究	刘 俊,金朝永,肖 元(22)
不确定时延网络控制系统的建模与稳定性分析	马伟豪,金朝永(27)
马尔萨斯人口模型在广州市人口预测中的应用	何 春(31)
星图上基于循环置换的任意两点之间的最短路径算法	王 静,郭大昌(35)
战术移动 Ad Hoc 网络的自适应 MIMO-OFDM 系统实现与性能分析	崔 苗,曹英烈(41)
传统优化算法与竞选算法应用于机械优化设计的比较	贺春华,张湘伟,吕文阔(46)
基于多幅图像的有效点扩散函数的高精度测量	王婷婷,苏成悦,王 娴,周 镇(51)
一种用于书写阅读的 LED 照明系统设计与仿真	马 骁,陈 丽,雷 亮,林清华,许焕坤(56)
一种新型 EEG 视觉诱发电位闪光刺激器的设计	彭 杰,杜玉晓,杨其宇,黄晓东(60)
一种新的图像距离在人脸识别中的应用	蔡 正,王福龙,徐爱辉(64)
基于文件系统过滤驱动的透明加解密技术实现	周 峰,凌 捷,黄万民,袁肃蓉(68)
基于小波变换的 EEG 噪声滤除算法设计与实现	冯 燕,杜玉晓,黄风华(72)
分布式供能系统的定义及其内涵	杨晚生,郭开华(76)
未来新能源可燃冰的成因与环境岩土问题分析	刘勇健,李彰明,张丽娟,郭依群(83)
大跨度连续梁桥温度效应分析与实验研究	袁俊桃,王卫锋(88)
沉井施工在城市河涌泵站建设中的运用	邱创兴(93)
· 编读往来 ·	
《管理实验与实验管理学》推介	(50)
全国第 13 届可拓学年会征文启事	(封三)

JOURNAL OF GUANGDONG UNIVERSITY OF TECHNOLOGY

Volume 27 Number 3 September 2010

CONTENTS

- Reflectivity Measurement of Nonmetallic Materials for CO₂ Lasers *Xie Xiao-zhu, Wei Xin, Hu Wei, Huang Fu-min*(1)
- A Study of Swelling Properties and Volume Phase Transition of PEGDA/NIPAM Copolymer Hydrogels
..... *Tan Guo-xin, Ruan Xiong-jie, Ning Cheng-yun, Huo Yan-ping, Chen Rong, Liao Jing-wen*(5)
- A Study of Rheology and Bubbling of Transparent Shampoo Containing Filings Antipruritic BDG
..... *Guo Qing-quan, Huang Jie-wen, Wu Jian-qiu, Sun Yu, Chen Jia-li*(9)
- A Study of Solution to the Error-Eliminating Programming Based on Containing-Type Error Matrix Equation
..... *Guo Kai-zhong, Min Xi-lin*(12)
- The Construction of Error Functions *Shi Jia, Guo Kai-zhong*(16)
- Perturbation Bounds for Positive Semi-definite Factors of Extended Matrix *Wen Wei*(19)
- Stability Analysis of Discrete T-S Fuzzy Control Systems *Liu Jun, Jin Chao-yong, Xiao Yuan*(22)
- Modeling and Control Method of Networked Control System with Uncertain Time-delay *Ma Wei-hao, Jin Chao-yong*(27)
- The Application of Malthus Population Model in the Prediction of Guangzhou Population *He Chun*(31)
- The Shortest Path Algorithm Between Two Arbitrary Nodes Based on Cycle Permutation in the Star Graph
..... *Wang Jing, Guo Da-chang*(35)
- Realization and Performance Analysis of an Adaptive MIMO-OFDM over Tactical Mobile Ad Hoc Networks
..... *Cui Miao, Cao Ying-lie*(41)
- Comparison Between the Traditional and Election-survey Algorithms for Mechanical Optimum Design
..... *He Chun-hua, Zhang Xiang-wei, Lü Wen-ge*(46)
- High Precision Measurement Based on e-PSF of Multi-Image *Wang Ting-ting, Su Cheng-yue, Wang Xian, Zhou Zhen*(51)
- Design and Simulation of One LED Illumination System in Reading and Writing
..... *Ma Xiao, Chen Li, Lei Liang, Lin Qing-hua, Xu Huan-kun*(56)
- Design of a New Type of EEG Visual Evoked Potential Flash Stimulator
..... *Peng Jie, Du Yu-xiao, Yang Qi-yu, Huang Xiao-dong*(60)
- A New Image Distance Applied in Face Recognition *Cai Zheng, Wang Fu-long, Xu Ai-hui*(64)
- Transparent Encryption and Decryption Based on File System Filter Driver
..... *Zhou Feng, Ling Jie, Huang Wan-min, Yuan Su-rong*(68)
- The Design and Implementation of the Noise Suppression Algorithm with Wavelet Transformation for EEG Signals
..... *Feng Yan, Du Yu-xiao, Huang Feng-hua*(72)
- Definition and Connotation for Distributed Energy System *Yang Wan-sheng, Guo Kai-hua*(76)
- Analysis of the Causes of New Energy Flammable Ice and Its Environmental and Geotechnical Problems
..... *Liu Yong-jian, Li Zhang-ming, Zhang Li-juan, Guo Yi-qun*(83)
- The Analysis of Temperature-effect and Study of Long Span Continuous Beam Bridges *Yuan Jun-tao, Wang Wei-feng*(88)
- The Application of Open Caisson Method in the Construction of City Canal Water Pumping Station *Qiu Chuang-xing*(93)