

### 目 次

#### 智能信息工程

- 基于格兰杰因果的效应性连接分析方法综述 ..... 尚志刚, 沈晓阳, 李蒙蒙, 万 红( 1 )  
基于双维度中文语义分析的食品领域知识库问答 ..... 左 敏, 徐泽龙, 张青川, 毕铭文( 8 )  
基于自适应差分演化算法的光伏模型参数提取 ..... 李水佳, 龚文引( 14 )  
MKFCM 算法在遥感影像分类中的应用研究 ..... 张成才, 李 飞, 王艳梅, 罗蔚然( 20 )  
具有双边丢包和混合时延的 Delta 算子系统  $H_{\infty}$  滤波 ..... 张端金, 郭 璐( 26 )  
基于改进核相关滤波的长时目标跟踪算法 ..... 陈丽萍, 王铭羽, 杨文柱, 王思乐, 陈向阳( 32 )

#### 机电工程

- 基于热仿真的动力电池箱结构紧凑化参数优化 ..... 张三川, 苗帅宾( 37 )  
基于 ADAMS 的平底从动件凸轮轮廓曲线设计 ..... 徐一村, 张 磊( 42 )  
GW46-126 高压隔离开关耐温性试验研究 ..... 邱正新, 刘本学, 张赛鹏, 李付永, 敖 明, 冯世涛, 张 任( 47 )  
齿面残余应力对齿轮轮齿弯曲疲劳寿命的影响分析 ..... 刘竹丽, 陈 赞, 王祝新( 53 )  
轴与齿轮过盈配合参数对齿形的影响研究 ..... 周 洋, 徐改姣, 李大磊( 57 )

#### 水利与环境工程

- 基于 WBS-RBS 和 AHP 的港珠澳大桥人工岛建设风险分析 ..... 李宗坤, 王 特, 葛 巍, 宋子元( 62 )  
母岩变形特性差异对堆石料力学性质的影响 ..... 韩华强, 陈生水, 王占军, 郑澄锋, 傅 华( 67 )  
基于拉丁超立方抽样的改进型多链 DRAM 算法求解地下水污染反问题 ..... 张双圣, 强 静, 刘汉湖, 刘喜坤, 孙韶华( 72 )

#### 土木与交通工程

- 含水率及应变速率对冻结粉质黏土强度特性影响 ..... 张雅琴, 杨 平, 江汪洋, 张 婷, 陈 亮( 79 )  
高压变电站构架避雷针结构承载力分析与加固研究 ..... 王朝华, 赵桂峰, 刘 冉, 陈怡文( 85 )  
基于累积前景理论的组合出行交通分配模型 ..... 张雪妍, 贺 锋( 91 )

## CONTENTS

### 【Intelligent Information Engineering】

Review of the Analysis Methods of Effective Connectivity Based on Granger Causality .....	SHANG Zhigang, SHEN Xiaoyang, LI Mengmeng, WAN Hong ( 1 )
A Question Answering Model of Food Domain Knowledge Bases with Two-Dimension Chinese Semantic Analysis .....	ZUO Min, XU Zelong, ZHANG Qingchuan, BI Mingwen ( 8 )
Parameter Extraction of Photovoltaic Models Based on Adaptive Differential Evolution Algorithm .....	LI Shuijia, GONG Wenying ( 14 )
Remote Sensing Image Classification Based on Multi-core Fuzzy C-means Clustering .....	ZHANG Chengcai, LI Fei, WANG Yanmei, LUO Weiran ( 20 )
$H_\infty$ Filtering for Delta Operator Systems with Two-channel Packet Dropouts and Mixed Delays .....	ZHANG Duanjin, GUO Lu ( 26 )
An Improved Kernelized Correlation Filter for Long-term Target Tracking .....	CHEN Liping, WANG Mingyu, YANG Wenzhu, WANG Sile, CHEN Xiangyang ( 32 )

### 【Mechanical and Electrical Engineering】

Compact Design Parameters Optimization of Power Battery Box Structure in Electric Vehicle Based on Thermal Simulation .....	ZHANG Sanchuan, MIAO Shuaibin ( 37 )
Design of Cam Profile Curve of Flat Bottom Follower Based on ADAMS .....	XU Yicun, ZHANG Lei ( 42 )
Experimental Study on Temperature Resistance of GW46-126 High Voltage Isolation Switch .....	QIU Zhengxin, LIU Benxue, ZHANG Saipeng, LI Fuyong, AO Ming, FENG Shitao, ZHANG Ren ( 47 )
The Influence of Residual Stress of Tooth Surface on Bending Fatigue Life of Gear Tooth .....	LIU Zhuli, CHEN Yun, WANG Zhuxin ( 53 )
Research on the Influence of Interference Fit Parameters of Shaft and Gear on Tooth Profile .....	ZHOU Yang, XU Gaijiao, LI Dalei ( 57 )

### 【Water Conservancy Engineering and Environmental Engineering】

Risk Analysis of Artificial Island Construction of Hong Kong-Zhuhai-Macao Bridge Based on WBS-RBS and AHP Methods .....	LI Zongkun, WANG Te, GE Wei, SONG Ziyuan ( 62 )
Influence of Deformation Characteristics of Mother Rock on Mechanical Properties of Rockfill Materials .....	HAN Huaqiang, Chen Shengshui, WANG Zhanjun, ZHENG Chengfeng, FU Hua ( 67 )
Improved Multi-chain DRAM Algorithm Based on Latin Hypercube Sampling for Inverse Problems of Underground Water Pollution .....	ZHANG Shuangsheng, QIANG Jing, LIU Hanhu, LIU Xikun, SUN Shaohua ( 72 )

### 【Civil Engineering and Traffic Engineering】

Effect of Water Content and Strain Rate on the Strength Characteristics of Frozen Silty Clay .....	ZHANG Yaqin, YANG Ping, JIANG Wangyang, ZHANG Ting, CHEN Liang ( 79 )
Bearing Capacity and Reinforcement Analysis of a High Voltage Substation Framework with Lightning Rods .....	WANG Chaohua, ZHAO Guifeng, LIU Ran, CHEN Yiwen ( 85 )
Traffic Assignment Model with Combined Modes Based on Cumulative Prospect Theory .....	ZHANG Xueyan, HE Feng ( 91 )