



科技点亮视界 视界昭曜科技

# 科技视界

Science & Technology Vision

2018 05  
总第227期

□国际标准连续出版物号：ISSN 2095 - 2457 □国内统一连续出版物号：CN 31 - 2065/N □邮发代号：4 - 873



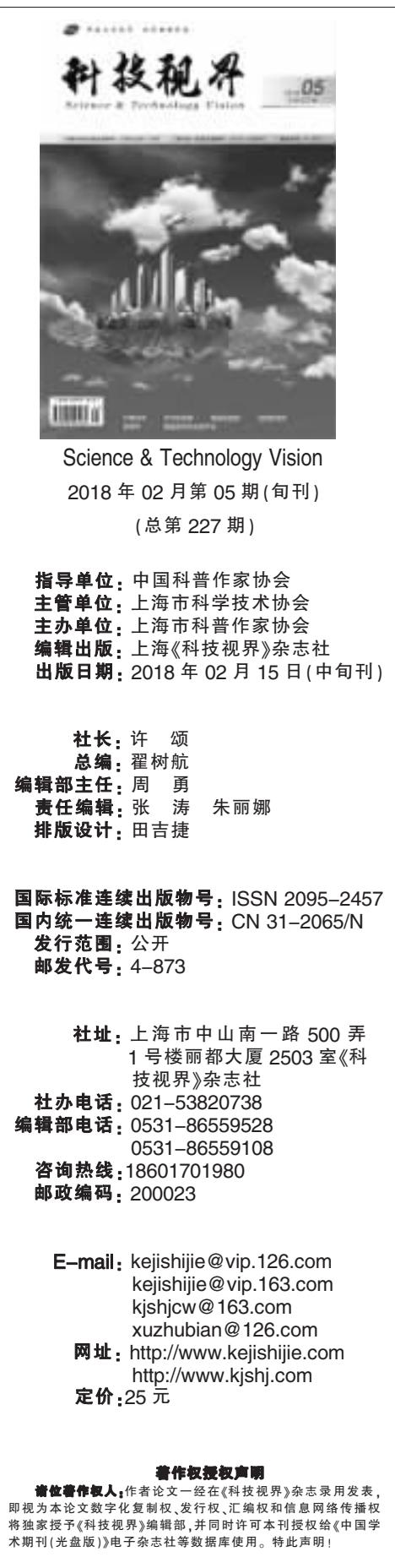
ISSN 2095-2457



05>

9 772095 245161 万方数据

- ◆ 中国知网 ◆ 万方数据库 ◆ 维普数据库 ◆ 龙源期刊网
- ◆ 博看网 ◆ 超星期刊域出版平台



# C<sub>ontents</sub> 目 次

## ■■■本刊视点

- 大型停车场停车导航系统关键技术研究 ..... 秦松 甘道川 韩鹏 贺晓霞 贾小林(1~3)  
严重事故条件下堆腔注水系统沸腾换热计算模型研讨 ..... 张健 盛天佑(4~6)  
某核电厂燃料传输通道屏蔽计算与实施 ..... 朱敖正(7~9)  
电子感应加速器单粒子跟踪模拟计算 ..... 郑朔宇(10~11)  
物质点方法与有限元方法在二维接触问题中的对比 ..... 卢嘉铮 姚星宇(12~83)  
ACP1000 核电厂稳压器安全阀提供低温超压保护的安全分析研究 ..... 李健 王克成 罗亮 张倬(15~52)

## ■■■项目与课题

国际标准连续出版物号: ISSN 2095-2457  
国内统一连续出版物号: CN 31-2065/N  
发行范围: 公开  
邮发代号: 4-873

社址: 上海市中山南一路 500 弄  
1 号楼丽都大厦 2503 室《科  
技视界》杂志社  
社办电话: 021-53820738  
编辑部电话: 0531-86559528  
0531-86559108  
咨询热线: 18601701980  
邮政编码: 200023

E-mail: kejishijie@vip.126.com  
kejishijie@vip.163.com  
kjshjcw@163.com  
xuzhubian@126.com  
网址: http://www.kejishijie.com  
http://www.kjshj.com  
定价: 25 元

## 著作权授权声明

著位著作权人: 作者论文一经在《科技视界》杂志录用发表, 即视为本论文数字化复制权、发行权、汇编权和信息网络传播权将独家授予《科技视界》编辑部, 并同时许可本刊授权给《中国学术期刊(光盘版)》电子杂志社等数据库使用。特此声明!

## ■■■机械与电子

- 基于 ActiveMQ 的任务集成管理系统设计与实现 ..... 冯云姣 吴斌 曾辉 卢嘉川 郑丹晨 韩飞  
张婷(39~41)

- 简析钢结构产生焊接裂纹的原因及其处理方法 ..... 贾全仓 杨淑霞(42~33)
- 乘用车换挡拉索热伤害性能试验与分析 ..... 李亚飞 刘志刚 谭火南 郑威 陈振文(43~44)
- 低温下航空燃油中水的存在形式和特性研究 ..... 尉元元(45~46)
- 基于 OPNET 的数据链 BIT 数据回传的仿真分析 ..... 范永欣(47~48)
- 基于持续集成的缺陷管理系统 ..... 敖海洋 余明珠 吕恬(49~57)
- 超临界水反应堆传热分析 ..... 舒曦(51~52)
- 某电厂 350MW 机组循环水系统特性研究 ..... 邓先洪(53~54)
- 自动再循环阀在核电的应用及低流量故障分析 ..... 阮杭浙(55~57)
- 池式快堆中间热交换器气体夹带现象研究现状 ..... 薛轶 杜开文(58~59)
- 基于模糊评价的电动汽车多性能研究 ..... 刘佳瑜 赵伟 莫志遥(60~61)
- 35kV 变电站主变主保护动作及故障原因分析和解决对策 ..... 田富波(62~63)
- 断裂力学分析铸造缺陷的滑轮 ..... 高翔(64~65)
- 浅谈互动电视技术及常见故障处理方法 ..... 李川(66~67)
- 典型车刀的手动刃磨工艺与实践 ..... 马俊 丁伟超 王志成 朱涛 赵秋涵(68~69)
- LT31、FD12P 能见度传感器在民航空管系统中的应用 ..... 姜莉洋 江鹏飞(70~71)
- 基于无源无线 SAW 的开关柜温度检测系统的研究 ..... 程林中 张文烨 龙城 李坚 窦阿林(72~73)
- 全站仪大比例尺数字化测图精度分析和探讨 ..... 汪辉(74~75)
- 用悬链线法解门式取料机刮板张紧力 ..... 高翔 姚欣(76~65)
- 10Gb/s 0.18μm CMOS 工艺电流型 VCSEL 驱动器的设计 ..... 王津飞 居水荣 刘锡锋(77~75)
- A Tensor-based Enhancement Algorithm for Depth Video ..... YAO MENG-qí ZHANG WEI-zhong(79~81)
- 高校科技
- 基于 HTML5 的数字化移动课堂学习系统设计 ..... 钟卫铭 杨元峰 许丽娟 潘婷婷(82~83)

- GIS 专业学科竞赛背景下体验式学习活动设计 ..... 夏慧琼 樊丽芳 梅新(84~85)
- 附着量子点的 TiO<sub>2</sub> 纳米管的制备 ..... 欧阳慧君 夏思源 江楚天 王超(86~87)
- 《防火防爆技术》课程设计教学改革与实践 ..... 胡广霞 赵文慧 秦汉圣(88~89)
- 高校教师教学能力与科研能力协调发展研究 ..... 孙晓雅 徐鑫(90~92)
- 基于 SPOC 理念的翻转课堂教学评价新方法 ——以安徽建筑大学《线性代数》教学为例 ..... 王菊香(93~94)
- 移动学习环境下高校教师角色的变化与应对策略 ..... 任建(95~96)
- 浅谈现代多媒体技术在“互联网+教学”中的应用 ——以《工程力学》课程为例 ..... 李健 王海明 李凤娟 席宣宣 周岭(97~98)
- 网络与新媒体专业人才培养模式改革与创新研究 ——以池州学院为例 ..... 刘纯丽 高祥华(99~101)
- “Visual FoxPro 程序设计”网络教学平台的研究与开发实践 ..... 黎虹 胡小强(102~21)
- 新媒体环境下高校形象传播的策略 ..... 修思琦 董章程 王冠乔 李靖雯(104~105)
- 光电信息专业本科培养方案比较分析 ..... 向春燕(106~108)
- 针对民族高校生态学课程的优化对策 ..... 袁子健 张小红 乌云娜 霍光伟 秦雷云(109~110)
- 建筑工程技术(工程质量检测方向)专业人才需求调研与分析 ——以广西交通职业技术学院为例 ..... 田小风 张健(111~112)
- 药物的探索和发现历程在大学药理学教学中的应用 ..... 徐权毅(113~114)
- 大青叶抗菌海藻纤维的制备及性能研究 ..... 张广丽 赵昔慧(115~116)
- 应用简单方程法求 Cahn–Allen 方程的精确解 ..... 杨娟 冯庆江(117)
- TEC 校本课程 ..... 邱晓嵩(118~119)

- 高职高专《药物制剂综合实训》教学模式创新探讨 ..... 李剑惠 倪文娟 孙平飞 戴勇波(120~121)
- 职教科技**
- 运用微课在口腔修复工艺专业学生中进行职业认知教育的实践探索 ..... 黄莉婷(122~127)
- 浅谈如何提高数控铣床的加工精度 ..... 郭 浩(124~125)
- K-对角占优矩阵的性质 ..... 田素霞(126~108)
- 创新创业教育与专业教育融合的思考  
——以艺术设计专业为例 ..... 方 瑛 徐一舟(127~128)
- Android 环境下航海图书资料查阅系统设计的思考 ..... 边宏升 賽繼明 杨太金(129~130)
- 汽车发动机机械系统检修课程考核方式的改革与探讨 ..... 马 勇 闫寒乙 付 宽(131~132)
- 《现代施肥原理与技术》教学实践探索 ..... 陈延玲 刘树堂(133~134)
- PBL 模式在药物制剂实用技术教学中的应用 ..... 倪文娟 李剑惠 计竹娃 刘福和(135~116)
- 建筑工程**
- 浅谈高压注浆截渗墙在堤防防渗工程中的应用 ..... 于 普 马艳丽(136~138)
- 基于 SWOT 分析法的超高速公路发展研究 ..... 陈芬菲 徐 鵬(139~140)
- 重力坝渗漏量监测分析模型及工程应用 ..... 郭 浩(141~142)
- 浅谈公路路面养护与维修 ..... 程 飞(143~144)
- 管理科技**
- 仿真变电站的互动式培训应用与方法 ... 高永强(145~148)
- 船舶二冲程柴油机 SCR 系统温度控制的几点见解 ..... 杨 耀(147~148)
- 室内空间设计对于传统书店转变的意义 ..... 张 慧(149~151)
- 浅谈核安全文化与核安全监管 ..... 沈 炜(152~153)
- 企业商业模式设计理论框架研究 ..... 姜爱萍 刘永杰(154~156)
- 浅谈西双版纳分公司宽带互联网业务及故障分析 ..... 李 川(157~158)
- 提升我校护理学本科毕业生就业质量的途径和方法 ..... 贾 晶 缪希松(159~160)

- 葡萄酒的自然酿造的加工工艺研究 ..... 郑 健(161~3)
- 艺术类实验中心安全管理与实践 ..... 高树清(162~163)
- 浅谈江苏空管网络信息安全 ..... 钟刘军(164~165)
- The impact of particle size on the cumulative process of street dust migration ..... JIANG QIAN ( 166~167 )
- 电力系统中继电保护的自动化策略 ..... 王盛阳(168~169)
- 红薯的营养价值与保健功能 ..... 郑 健(170~158)
- 科技创新**
- 薄板拼板焊接工艺研究 ..... 唐 鑫 陈宪刚(171~73)
- 关于智能饮料机的创新开发探讨 ..... 曾小梅(173~174)
- 浅析植物景观在室内设计中的应用 ..... 陈婉君 杨国利(175~176)
- 儿童地图设计 ..... 岳 竹(177~178)
- 基于物联网技术的智慧超市系统设计 ... 李 锔(179~142)
- 一种基于非成像光学的校园 LED 节能路灯设计 ..... 周 锔 刘 晋 杨 朋 张顺如(181~184)
- 智能云火灾预警监控系统的设计与实现 ..... 孙钟书 朱杰锋 洪琳子 康理扬(185~186)
- 基于 VR 技术的铁路乘务应急演练实训系统的构建研究 ..... 苏 培 杜卫芳 杨 威(187~188)
- 福州地铁 1 号线导向标识系统优化研究 ..... 蒋思成(189~184)
- 基于 STM32 的核电厂温度控制器设计 ..... 肖习鹏 兰晓龙 尹小龙 龚建军 何 力(193~41)
- 基于微结构填充与仿生学的头盔设计 ..... 余 行 杨 亮 张 鵬(196~176)
- 基于颜色和边缘信息的车牌定位方法研究 ..... 郭海富 帅鹏举 王 霞(198~205)
- 一种核电站控制棒驱动机构套管轴制造工艺研究 ..... 杨大才 黄 山(200~125)
- 棒控系统电源柜 PLC 电源模块故障分析 ..... 秦洪超(202~203)
- 浅谈利用无穷小量计算极限 ..... 李 倩(204~205)
- 北斗导航实训室建设探讨 ..... 李 赞(206~207)
- 技术标准和设计规范融入土木工程专业本科教学中的实践  
——以《工程荷载与可靠度设计原理》课程为例 ..... 李红豫 张 研(208~209)
- 核电安全性分析 ..... 王 佳 卢 冲(210~212)
- 音乐可视化研究特征选择及表达方式综述 ..... 黄宗珊 饶志双(211~212)
- 原油非线性优化调合方法研究 ..... 叶彦斐 胡云云 陆琳娜 羊 康 陈 恒(213~214)

## ■■■Our Point of View

Research on Key Technologies of Parking Lot Navigation System  
in Large Parking Lots

... QIN Song GAN Dao-chuan HAN Peng HE Xiao-xia  
JIA Xiao-lin(1~3)

Study of the Model of Boiling Heat Transfer in the Cavity  
Injection System under Severe Accident conditions

..... ZHANG Jian SHENG Tian-you(4~6)

Calculation and Implementation of Fuel Transmission Channel  
Shielding for a Nuclear Power Plant ... ZHU Ao-zheng(7~9)

Tracking Simulation Calculation of Single Particle in Betatron  
..... ZHENG Shuo-yu(10~11)

Comparision Between Finite Element Method and Material Point  
Method Over 2D Contact Problem

..... LU Jia-zheng YAO Xing-yu( 12~83 )

The Safety Analysis Research of Pressurizer Safety -valve to  
Provide Low-temperature Overpressure Protection in ACP1000  
Nuclear Power Plant

..... LI Jian WANG Ke-cheng LUO Liang  
ZHANG Zhuo(15~52)

## ■■■Project and Project

Study on Preparation and Properties of Expandable Graphite-  
Magnesium Hydroxide -Straw Fiber -Polyurethane Rigid Foam  
Composite Insulation Material

..... GAI Guang-qing ZHANG Bing(18~46)

Preparation of a Porous Geopolymer Material and Characterization of  
Its Properties ..... ZHOU Shu-nian HUANG Lian-jin  
WANG Qiang(20~21)

The Evaluation of Science and Technology Innovation Ability of  
Chinese Universities and Its Improvement Countermeasures

—Take Chongqing as an example

..... JIANG Song ZENG Li(22~24)

The basic principle of molecular dynamics simulation and its  
application

..... LI Huang LU Hong-quan CHEN Qin-huang  
ZHANG Hong-wei ZHOU Ye-qi TONG Xiao-bao(25~26)

Application of Clustering Method Based on KNN Kernel  
Function in Medical Index Classification Diagnosis

..... SHAN Chun-yu XU Mei(27~29)

The Attempt of Goal-Oriented Teaching Method in the General  
Course of Remote Sensing Technology

..... CHEN Dong-mei ZHANG Jing-cheng SHANG Ping  
FAN Shan-hui CHEN Feng-nong WU Kai-hua(30~31)

Reflections on the Teaching of Engineering Professional Theory  
and Design Course in Applied Universities

..... HUANG Tao DUAN Min(32~33)

Research on the Interactive Relationship between Postgraduate  
Training and Regional Economic Development

..... FAN Dan(34~35)

Legislative Defects and Perfection of Aviation Accident  
Investigation in China

..... YANG Yu-qian ZHOU Wen-hui ZHAO Xin  
ZHANG Xue-wei(36~38)

## ■■■Machinery and Electronics

Design and Implementation of Task Integration Management  
System based on ActiveMQ

..... FENG Yun-jiao WU Bin ZENG Hui LU Jia-chuan  
ZHENG Dan-chen HAN Fei ZHANG Ting(39~41)

Analysis of Causes of Welding Cracks in Steel Structures and  
Their Treatment

..... JIA Quan-cang YANG Shu-xia(42~33)

|  |   |
|--|---|
| Test and Analysis of Hot Damage Performance of Shift Cables for Passenger Cars   | The Manual Grinding Process and Practice of The Typical Lathe Tool ..... MA Jun DING Wei-chao WANG Zhi-cheng ZHU Tao ZHAO Qiu-han(68~69)                          |
| ... LI Ya-fei LIU Zhi-gang TAN Huo-nan ZHENG Wei CHEN Zhen-wen(43~44)  |   |
| Study on the Existence Form and Characteristics of Water in Aviation Fuel at Low Temperature ... QU Yuan-yuan(45~46)               | LT31 and FD12P visibility sensors are used in civil aviation air traffic control system ..... JIANG Li-yang JIANG Peng-fei ( 70~71 )                              |
| Simulation Analysis of Data Chain BIT Data Return Based on OPNET ..... FAN Yong-xin(47~48)   | Study on the Temperature Detection System of Switch Cabinet based on Passive Wireless SAW ..... CHENG Lin-zhong ZHANG Wen-ye LONG cheng Il jian DOU A-lin(72~73)  |
| Defect management system based on continuous integration ..... AO Hai-yang YU Ming-zhu LV Tian(49~57)                              |   |
| Supercritical Water Reactor Heat Transfer Analysis ..... SHU Xi ( 51~52 )  | Analysis and Discussion on Accuracy of Large Scale Digital Mapping in Total Station ..... WANG Hui(74~75)   |
| Research on Characteristics of Circulating Water System of a 350MW Unit in a Power Plant ... DENG Xian-hong(53~54)                 | Method of Catenary Squeegee Tension Using Catenary Method ..... GAO Xiang YAO Xin(76~65)  |
| Application of Automatic Recirculation Valves in Nuclear Power and Analysis of Low Flow Failures ..... RUAN Hang-zhe(55~57)        | Design of 10Gb/s 0.18 $\mu$ m CMOS Current-mode VCSEL Driver ..... WANG Jin-fei JU Shui-rong LIU Xi-feng(77~75)   |
| Research Status of Gas Entrainment in Intermediate Heat Exchanger of Pool Type Fast Reactor ..... XUE Yu DU Kai-wen(58~59)         | A Tensor-based Enhancement Algorithm for Depth Video ..... YAO MENG-qi ZHANG WEI-zhong(79~81)   |
| Research on Multi-Performance of Electric Vehicle Based on Fuzzy Evaluation ..... LIU Jia-yu ZHAO Wei MO Zhi-yao(60~61)            | <b>■■■University Science and Technology</b>   |
| Main Protection Action and Fault Cause Analysis and Countermeasures of Main Transformer in 35kV Substation ..... TIAN Fu-bo(62~63) | Design of Digital Mobile Classroom Learning System based on HTML5 ..... ZHONG Wei-ming YANG Yuan-feng XU Li-juan PAN Ting-ting(82~83)                             |
| Fracture mechanics analysis of casting defects pulley ..... GAO Xiang ( 64~65 )  | The Design of Experiential Learning Activities under the Background of GIS Specialty Competition ..... XIA Hui-qiong FAN Li-fang MEI Xin(84~85)                   |
| Discussion on interactive TV technology and common fault treatment methods ..... LI Chuan(66~67)                                   | Synthesis of TiO <sub>2</sub> Nanotube -arrays and Semiconductor QDs-based Composite Structures ..... Ouyang Hui-jun XIAO Si-yuan JIANG Chu-tian WANG Chao(86~87) |

Teaching Reform and Practice for Course Design of Fire and Explosion Prevention Technology

..... HU Guang-xia ZHAO Wen-hui  
QIN Han-sheng (88~89)

College Teachers' Teaching Ability and Scientific Research Ability Coordinated Development Research

..... SUN Xiao-ya XU Xin(90~92)

A Novel Method of Evaluating the Flipping Classroom Teaching Based on SPOC ..... WANG Ju-xiang(93~94)

The Changes of College Teachers' Roles and Strategies in the Context of Mobile Learning ..... REN Jian (95~96)

Talking about the Application of Modern Multimedia Technology in "Internet + Teaching"

—— Take Engineering Mechanics as an example

..... LI Jian WANG Hai-ming LI Feng-juan  
XI Xuan-xuan ZHOU Ling(97~98)

Research on the reform and innovation of talent-training pattern of network and new media major

——Taking chizhou college as an example

..... LIU Chun-li GAO Xiang-hua(99~101)

Research and Development Practice of "Visual FoxPro Program Design" Network Teaching Platform

..... LI Hong HU Xiao-qiang(102~21)

The strategy of the communication of the image of the University under the new media environment

..... XIU Si-qi DONG Cheng-cheng WANG Guan-qiao  
LI Jing-wen(104~105)

Comparative Analysis of Undergraduate Training Program for Photoelectric Information Specialty

..... XIANG Chun-yan(106~108)

Aiming at the Optimization of Ecological Courses in Universities

and Colleges for Nationalities

..... YUAN Zi-jian ZHANG Xiao-hong WU Yun-na  
HUO Guang-wei QIN Lei-yun(109~110)

Construction engineering technology (engineering quality inspection direction) professional talent demand survey and analysis

——Take guangxi transportation vocational and technical college as an example

..... TIAN Xiao-feng ZHANG Jian(111~112)

Application of Drug Discovery and Discovery in College Pharmacology Teaching ..... XU Quan-yi(113~114)

Preparation and performance of folium isatidis sodium alginate natural antibacterial fiber

..... ZHANG Guang-li ZHAO XI-HUI ( 115 ~ 116 )

Exact solutions for the Cahn-Allen equations by using modified simple equation method

..... YANG Juan FENG Qing-jiang(117)  
TEC school-based curriculum ..... QIU Xiao-yu(118~119)

Discussion on Innovation of Teaching Mode of "Comprehensive Practical Training of Pharmaceutical Preparations" in Higher Vocational Colleges

..... LI Jian-hui NI Wen-juan SUN Ping-fei  
DAI Yong-bo(120~121)

### ■ ■ ■ Vocational Education Science and Technology

Practical Exploration of Occupation Cognition Education for Students Majoring in Oral Rehabilitation Using Micro Lessons

..... HUANG Li-ting(122~67)

Talking about How to Improve the Machining Accuracy of CNC Milling Machine ..... GUO Hao(124~125)

Some properties on the K-Diagonally Dominant Matrices ..... TIAN Su-xia(126~108)

Thoughts on the Integration of Innovation, Entrepreneurship Education and Professional Education

——Taking Art Design as an Example ..... FANG Ying XU Yi-zhou (127~128)

Thinking on the Design of Nautical Publications in Android Environment

..... BIAN Hong-sheng ZANG Ji-ming  
YANG Tai-jin(129~130)

Reform and Discussion on Examination Methods of Maintenance Course for Automobile Engine Mechanical System

..... MA Yong YAN Han-yi FU Kuan(131~132)

Exploration of Teaching Practice of "Modern Fertilization Principle and Technology"

..... CHEN Yan-ling LIU Shu-tang(133~134)

The Application of PBL Mode in the Teaching of Practical Techniques for Pharmaceutical Preparations

..... NI Wen-juan LI Jian-hui JI Zhu-wa  
LIU Fu-he(135~116)

Talking about the Application of High Pressure Fixed Spray Cutoff Wall in Anti-seepage Engineering of Dyke

..... YU Pu MA Yan-li(136~138)

Research on Developing Superhighway Based on SWOT

Analysis ..... CHEN Fen-fei XU Peng(139~140)

Gravity Dam Leakage Monitoring Analysis Model and Engineering Application ..... GUO Hao(141~142)

Discussion on Highway Maintenance and Maintenance ..... CHENG Fei ( 143 ~ 144 )

## ■■■Manage Technology

Interactive training application and method of simulation substation ..... GAO Yong-qiang(145~148)

Several Views on Temperature Control of the SCR System of Ship's Two-stroke Diesel Engine ..... YANG Yao ( 147 ~ 148 )

The Significance of Interior Space Design for Traditional Bookstore Transformation ..... ZHANG Hui(149~151)

On nuclear safety culture and nuclear safety supervision ..... Shen Hui(152~153)

Research on Design Framework of Enterprise Business Model ..... JIANG Ai-ping LIU Yong-jie(154~156)

Brief introduction of broadband Internet service and fault analysis in Xishuangbanna branch ..... LI Chuan(157~158)

Ways and Methods of Improving the Quality of Employment of Nursing Undergraduates in Our College

..... JIA Jing MIAO Xi-song(159~160)

Study on the processing technology of natural brewing of wine ..... ZHENG Jian ( 161 ~ 3 )

Art Experiment Center Safety Management and Practice ..... GAO Shu-qing ( 162 ~ 163 )

Talking about Jiangsu Air Traffic Network Information Security ..... ZHONG Liu-jun ( 164 ~ 165 )

The impact of particle size on the cumulative process of street dust migration ..... JIANG QIAN ( 166 ~ 167 )

- Automation Strategy of Power Relay Protection ..... WANG Sheng-yang(168~169)
- Nutritional value and health care function of sweet potato ..... ZHENG Jian(170~158)
- Scientific and Technological Innovation**
- Research on Welding Technology of Thin Plate Binding ..... TANG Xin CHEN Xian-gang(171~73)
- Study on innovation and development of intelligent beverage machine ..... ZENG Xiao-mei(173~174)
- Analysis of the application of plant landscape in interior design ..... CHEN Wan-jun YANG Guo-li(175~176)
- Children map design ..... YUE Zhu(177~178)
- Smart Supermarket System Design Based on Internet of Things Technology ..... LI Tao(179~142)
- Design of Campus LED Energy Saving Street Lamp Based on the Non-imaging Optics ..... ZHUO Tao LIU Jin YANG Peng ZHANG Shun-ru(181~184)
- Design and Implementation of Intelligent Cloud Fire Alarm Monitoring System ..... SUN Zhong-shu ZHU Jie-feng HONG Lin-zhi KANG Li-yang (185~186)
- Research on the Construction of Train Crew Emergency Practice Training System Based on VR Technology ..... SU Pei DU Wei-fang YANG Wei(187~188)
- Research on Optimization of Guiding System of Fuzhou Metro Line 1 ..... JIANG Si-cheng(189~184)

- Design of Temperature Controller for NPP Based on STM32 ..... XIAO Xi-peng LAN Xiao-long YIN Xiao-long GONG Jian-jun HE Li(193~41)
- Helmet design based on microstructure filling and bionics ..... YU Xing YANG Liang ZHANG Peng(196~176)
- Research on License Plate Location Method Based on Color and Edge Information ..... GUO Hai-fu SHUAI Peng-ju WANG Xia(198~205)
- A Manufacturing Technology Research on the Conduit Shaft of Model One Kind Control Rod Drive Mechanism ..... YANG Da-cai HUANG Shan(200~125)
- Failure Analysis of PLC Power Supply Module in Power Supply Cabinet ..... QIN Hong-chao ( 202 ~ 203 )
- Talking about Using Limitless Computing Limits ..... LI Qian(204~205)
- Beidou Navigation Training Room Construction ..... LI Zan(206~207)
- The practice of technical standard and design specification in the civil engineering specialized courses —Taking the Principle of Engineering Load and Reliability as an example ..... LI Hong-yu ZHANG Yan(208~209)
- Nuclear power safety analysis ..... WANG Jia LU chong(210~212)
- A Review of Feature Selection and Expression of Music Visualization Research ..... HUANG Zong-shan RAO Zhi-shuang(211~212)
- Study on Nonlinear Optimization of Crude Oil Blending Method ..... YE Yan-fei HU Yun-yun LU Lin-na YANG Kang CHEN Heng(213~214)