

中国核心期刊（遴选）数据库 收录期刊

Value Engineering

中国商界文联 会刊

中国技术经济研究会价值工程专业委员会 会刊
中国高等教育学会价值工程分会 会刊

中国学术期刊综合评价数据库来源期刊
万方数据—数字化期刊群入网期刊
中文科技期刊数据库收录期刊

ISSN 1006-4311

CN13-1085/N

JIAZHI GONGCHENG

2020 8

中旬刊(总第 571 期 / 第 39 卷)

价值工程

ISSN 1006-4311



23>

9 771006 431068

万方数据

价值工程

2020年8月中旬刊(总第571期/第39卷)
1982年创刊 2020年8月18日出版

中国商界文联会刊
中国技术经济研究会价值工程专业委员会会刊
中国高等教育学会价值工程分会会刊
封面刊名题字:袁宝华

主管单位:
河北省科学技术协会

主办单位:
河北省技术经济管理现代化研究会

总顾问:管在源
总 编:高志彪
总编室:师瑞
电 话:0311-87024742

编辑部:马慧霞
刘英禄
电 话:0311-83020178
0311-83036626
传 真:0311-87024742
投稿信箱:vezzsbj@163.com
网 址:www.vezzs.com
责任编辑:高生明
封面设计:王金军
版面设计:韩宇红

国际标准连续出版物号:ISSN 1006-4311
国内统一连续出版物号:CN 13-1085/N
国内邮发代号:18-2
国内订阅:全国各地邮局
国内发行:河北省报刊发行局
国外发行:中国国际图书贸易总公司
印 刷:廊坊市长岭印刷厂

编辑出版单位:价值工程杂志社
社 址:石家庄槐安西路88号
邮 编:050091
国内定价:30.00元人民币
海外定价:30.00美元

目 录

* 价值管理 *

- 基于 DEMATEL-ISM 的建设工程造价 BIM 应用风险研究 郑梦雅等(1)
大数据背景下建筑企业绩效管理研究 刘育奇(4)
工程机械设备智能化管理分析 景祥福(6)
房价分化、劳动成本与制造业集聚 李淼焱(8)
公路工程试验检测工作中的常见问题及优化措施分析 金洪雨(11)
“浙江制造”标准体系下中小企业转型升级的路径研究 章靖毓(13)
新农村建设领域装配式建筑与现浇式建筑成本对比研究 牛童(15)
房建工程施工现场基坑开挖与支护的安全管理要点 向达(17)
浅谈疫情常态化高校图书馆防控举措与发展方向 郑晓晶等(19)
基于高新技术企业研发费用加计扣除核算的探讨 蔡赟等(21)
新医改下的公立医院财务管理问题探究 肖丽芳等(23)
长三角化工业转型升级与技术创新路径研究 焦鹏举等(25)
堤防工程施工管理的相关分析 孙东海(29)
商业银行金融创新的动因及途径探讨 李佳敏(31)
第三次全国国土调查的制约因素与改进建议研究 韩宇(33)
浙江乡镇老龄人群生活状况与养老需求调研分析 楼欣莉等(35)
探析住宅工程质量施工过程管控及行政部门监管 毛肖宁(38)
浅议无人机装备训练管理 尹承督(40)
弹性预算法的应用与改进研究 张婧(44)
新冠疫情对汽车维修企业的影响及人才流失管理 韩二锋(47)
核电项目建设阶段维修人员工程参与实践 刘昇等(49)
公路工程物资采购管理及成本控制措施初探 闫连芝(51)
基于 DEA 的中部六省创新资源优化配置效率分析 杨洁(53)
信息化环境下合肥市会计从业人员能力提升的对策研究 孙竹寒等(57)
中美新冠疫情趋势分析及防控评价 王俊芳等(59)
水利投资偏差的因素分析和应对方法 黄剑(62)

* 价值链·供应链 *

- 银行排队服务系统与火车站售票排队比较 刘成浩等(64)
基于集对分析的航材应急物流储备元选择 俞魁等(66)
“双链”耦合驱动下农村电商“上下并行”的优化路径研究 高兴等(71)
区块链背景下房地产信托基金(REITs)的运营模式研究 张信航等(73)

* 功能载体创新 *

- 城市桥梁工程预应力钢筋混凝土结构梁拆除施工技术研究 胡健康等(75)
不同连接方式下装配式剪力墙抗震性能研究 李贺(77)
刚性袖阀管后退式注浆技术 柯文柱(79)
现场混装乳化炸药井下爆破推广研究与应用 陈胜伦(82)
高速公路路面施工的质量控制探讨 莫智仁(85)
云南个旧南部选矿试验示范园区边坡稳定性研究 李建伟等(87)

| | | | |
|-------------------------------------|------------|-------------------------------------|------------|
| 煤矿综采工作面综合机械化开采技术研究 | 侯相华(90) | 房屋建筑工程中的绿色节能施工技术 | 玄晓燕(186) |
| 基于二值法研究干湿循环后路基土体裂隙发育 | 李志超(92) | 浅谈智慧城市大数据平台的研究与应用 | 吴贺扬 等(188) |
| 钢筋桁架楼承板 C 型钢支撑体系施工技术 | 韦洪刚(94) | 城镇地籍测量中数字化测图技术的运用 | 要红杰(190) |
| 层状地质公路隧道围岩稳定性数值分析 | 罗海燕 等(96) | 疫情下《化学分析》“完全线上”混合式教学的探索与实践 | 彭欢(192) |
| 探讨建筑工程质量检测中的混凝土检测技术 | 林忠富(98) | 铁路四电工程信息化协同系统 | 陈鹏腾(194) |
| 基于 STAAD/Pro 对工程项目中重要结构件的力学分析 | 马爱霞 等(100) | 路桥施工机械设备维修保养常见技术问题分析 | 袁彦军(196) |
| 小净距立体隧道交叉段现场监测分析 | 孟庆一(102) | 基于峰谷电价的多微网协调控制方法研究 | 于文萍 等(198) |
| 水电站大坝基础帷幕灌浆施工分析 | 罗林 等(105) | 建筑结构设计中 BIM 技术的使用 | 唐章颖(200) |
| 市政工程桥梁桩基施工技术的实践分析 | 杨向前(107) | 开挖影响下顺层岩质边坡应力与变形特征的研究与分析 | 蒋小权(202) |
| 基于模糊层次综合评价法的装配式高架桥施工质量控制研究 | 陈烨 等(109) | 科技期刊在垂直细分领域的数字化转型发展探讨 | 余海钊 等(205) |
| 隧道智能建造技术的发展与应用 | 殷付通 等(112) | 浅谈 BIM 技术与价值工程在造价控制中的应用 | 郜占红 等(208) |
| 高性能混凝土在路桥建设中的应用研究 | 李华伟(114) | 浅析杭州地铁施工对树园小区 31 幢及周边房屋影响鉴定 | 王政(210) |
| 杨家村矿软岩巷道支护技术研究 | 李德辉 等(116) | 基于物联网技术的电梯安全监管平台的应用 | 陈建波 等(212) |
| 提高空预器电机运行可靠性的实践 | 郑杰(118) | 莲杆炭对土壤酶活性的影响 | 方舰 等(214) |
| 大跨度连续梁加劲拱顶推施工技术 | 张治国 等(120) | 称重设备远程故障诊断及维护系统研究 | 钟秋(217) |
| 装配式建筑转换层墙体预留钢筋定位施工技术 | 黄晨(123) | 基于 PARAMICS 仿真的城市双向四车道公交专用道设置 | |
| 市政道路排水管道工程设计及施工研究 | 王君晗(125) | 影响研究 | 尚佳奇 等(219) |
| 层状岩体中层理刚度对隧道围岩变形的影响 | 易金舫(127) | BIM 技术当前在国内发展综述 | 何长林 等(222) |
| 跨越既有高速公路箱梁支架法现浇施工技术分析 | 刘青峰(129) | 电气工程自动化技术在电力系统运行中的应用探究 | 张永鹏(225) |
| 锦纶长丝环吹用单体抽吸技术探究 | 侯伯(131) | 基于 BIM 轨道交通建设管理平台建设与分析 | 郭志刚 等(227) |
| 探讨高层建筑基础后浇带施工技术 | 金山(133) | 基于机器视觉的输电线路杆塔编号识别方法研究 | 吴婕萍 等(229) |
| 一种简单快速评估压缩机厂房内噪声的方法 | 唐佳丽 等(135) | 海上低渗气井液相伤害数值模型建立及产能评价 | 樊爱彬 等(231) |
| 工程项目竣工决算财务标准化管理体系的构建及应用探究 | 谭春晓(138) | 紫外线高压汞灯辐照度值测量结果的不确定度评定 | 左方圆(234) |
| 水泥稳定碎石基层全厚度摊铺技术的研究 | 刘建雄(140) | 中小型工厂变电所主接线方案设计与探讨 | 李晶(236) |
| 大型矿用挖掘机挖掘阻力分析及铲斗结构优化 | 王喆 等(143) | 最大理论出片率统计监测与实际出片率提升方法探究 | 孟昭文 等(238) |
| 基于软土地基的桥梁施工技术研究 | 王海铁(149) | 基于改进 AHP 的装备试验鉴定条件变量评估 | 叶康 等(240) |
| 新型锦纶棕丝纺牵联合设备探究 | 邱军先(151) | 一维速度反演模型在成灌线地震预警系统的应用 | 陈加平 等(244) |
| 沥青路面突发性损坏的温度适用性分析 | 曹彩平(155) | 大数据分析方法在机采井评价中的应用 | 刘洋 等(246) |
| 回旋钻机在沉井下沉取土施工中的应用 | 林月妙 等(158) | 水质 TOC 在线分析仪的研究现状 | 陈传政(249) |
| 装配式混凝土叠合梁的现场安装工序研究 | 谌海超(160) | 互联网保险产品创新研究 | 肖雪萍(251) |
| * 价值应用 * | | | |
| 节能新材料、新技术在建筑工程中的应用 | 张海奇(162) | * 理论综述 * | |
| ARIMA 模型与指数平滑法在新冠肺炎疫情传播中的应用 | 卢普庆(164) | 产业竞争力、金融竞争力、经济发展与货币国际化 | 叶恩泽(253) |
| 应用单网卡多地址技术实现 IEC104 多通道校核研究 | 李文伟 等(167) | 活性粉末混凝土研究综述 | 崔天祥(256) |
| 基于群搜索优化算法的微电网控制策略 | 刘亚彬 等(170) | | |
| 农业物联网产销系统的发展研究 | 高一波 等(172) | | |
| 新媒体环境下大学生追星消费动机分析 | 韩超云 等(174) | | |
| 新冠肺炎疫情对人防工程建设的启示 | 李大文(176) | | |
| 基于 CCD 智能小车的解决方案 | 徐莉 等(178) | | |
| 绿色智能建筑对建筑设计的要求运用 | 雷强(180) | | |
| 机械设备安装过程中的质量控制要点 | 姜林(182) | | |
| 信息化技术在工程安全管理中的应用分析 | 吴斌(184) | | |

Value Engineering
(VE)
 Fortnightly Issue
 Started in 1982
 Vol.39 8.b
 (Sum No.571)
 Published in Aug. 18, 2020

Inscribed:
 Yuan Baohua
General Counsel:
 Guan Zaiyuan
Executive Editor-in-chief:
 Gao Zhibiao
Manager:
 Hebei Association for
 Science and Technology
Sponsor:
 Hebei Institute of Technology
 Economy and Modern Management

Chief Editor's Department:
 Shi Rui
Editor:
 Editorial Team of VE
Publisher:
 Magazine Publishing House of VE
Address:
 No.88 Huai'an Road, Shijiazhuang
Tel: (0311) 87024742
E-mail:
 vezzsbjb@163.com

Printed by:
 Changling Printing House, Langfang
Distributor:
 Shijiazhuang Post Office
Subscriptions:
 Chinese Local Post Office
Domestic Issue Code: 18-2
Domestic Single Price:
 ¥30.00
Overseas Single Price:
 \$ 30.00
Open Publishing
ISSN 1006-4311
CN 13-1085/N

CONTENTS

VALUE MANAGEMENT

- 1 Research on BIM Application Risk of Construction Engineering Cost Based on DEMATEL-ISM ZHENG Meng-ya,*et al.*
- 4 Research on Performance Management of Construction Enterprises under the Background of Big Data LIU Yu-qi
- 6 Analysis of Intelligent Management of Construction Machinery Equipment JING Xiang-fu
- 8 Housing Price Differentiation, Labor Costs and Manufacturing Agglomeration LI Miao-miao
- 11 Analysis of Common Problems and Optimization Measures in Highway Engineering Test and Inspection Work JIN Hong-yu
- 13 Research on the Path of Transformation and Upgrading of Small and Medium-sized Enterprises under the "Made in Zhejiang" Standard System ZHANG Jing-yu
- 15 Comparative Study on the Cost of Prefabricated and Cast-in-place Buildings in the Field of New Rural Construction NIU Tong
- 17 Essentials of Safety Management for Excavation and Support of Foundation Pit at Construction Site of House Construction XIANG Da
- 19 On the Prevention and Control Measures and Development Direction of University Libraries under the Normalization of COVID-19 Epidemic ZHENG Xiao-jing,*et al.*
- 21 Discussion on the Additional Deduction Accounting of R&D Expenses of High-tech Enterprises CAI Yun,*et al.*
- 23 Research on Financial Management of Public Hospitals under the New Medical Reform XIAO Li-fang,*et al.*
- 25 Research on the Transformation and Upgrading of Chemical Industry and Technological Innovation in the Yangtze River Delta JIAO Peng-ju,*et al.*
- 29 Relevant Analysis of Construction Management of Embankment Engineering SUN Dong-hai
- 31 Discussion on the Motivation and Path of Commercial Bank Financial Innovation LI Jia-min
- 33 Research on the Restrictive Factors and Improvement Suggestions of the Third National Land Survey HAN Yu
- 35 An Investigation for Elderly People's Living Conditions and Demand of Pension in Zhejiang Towns LOU Xin-li,*et al.*
- 38 Analysis on the Construction Process Management and Control of Residential Project Quality and the Supervision of Administrative Departments MAO Xiao-ning
- 40 Discussion on UAV Equipment Training Management YIN Cheng-du
- 44 Application and Improvement of Flexible Budgeting Method ZHANG Jing
- 47 The Impact of the COVID-19 Epidemic on Auto Maintenance Companies and Management of Brain Drain HAN Er-feng

| | | |
|---|-------|------------------------------|
| 49 Maintenance Personnel Project Participation in Nuclear Power Plant Construction Period | ..... | LIU Sheng, <i>et al.</i> |
| 51 Preliminary Study on Highway Engineering Material Purchase Management and Cost Control Measures | ..... | YAN Lian-zhi |
| 53 Efficiency Analysis of Optimal Allocation of Innovation Resources in Six Central Provinces Based on DEA | ..... | YANG Jie |
| 57 Research on the Countermeasures to Improve the Ability of Accounting Practitioners in Hefei City under the Informatization Environment | ..... | SUN Zhu-han, <i>et al.</i> |
| 59 Evaluation of Prevention and Control Based on Coronavirus Trend Analysis Model between China and the United States | ..... | WANG Jun-fang, <i>et al.</i> |
| 62 Factor Analysis and Countermeasures of Water Conservancy Investment Deviation | ..... | HUANG Jian |

VALUE CHAIN•SUPPLY CHAIN

| | | |
|--|-------|-------------------------------|
| 64 Comparison of Bank Queuing Service System and Train Ticket Queuing | ..... | LIU Cheng-hao, <i>et al.</i> |
| 66 Selection of Emergency Logistics Reserve Element for Aviation Materials Based on Set Pair Analysis | ..... | YU Kui, <i>et al.</i> |
| 71 Research on the Optimal Path of Rural E-commerce "Up and Down Parallel" Driven by "Double Chain" Coupling | ..... | GAO Xing, <i>et al.</i> |
| 73 Research on the Operation Mode of REITs under the Background of Blockchain | ..... | ZHANG Xin-hang, <i>et al.</i> |

FUNCTION CARRIER INNOVATION

| | | |
|--|-------|-----------------------------|
| 75 Research on Construction Technology for Dismantling Prestressed Reinforced Concrete Structure Beams of Urban Bridge | ..... | HU Jian-kang, <i>et al.</i> |
| 77 Research on Seismic Performance of Assembled Shear Wall under Different Connection Methods | ..... | LI He |
| 79 Rigid Sleeve Valve Tube Backward Grouting Technology | ..... | KE Wen-zhu |
| 82 Research and Application of Downhole Blasting of On-site Mixed Emulsified Dynamite | ..... | CHEN Sheng-lun |
| 85 Discussion on Quality Control of Expressway Pavement Construction | ..... | MO Zhi-ren |
| 87 Study on the Slope Stability of Gejiu Southern Mineral Processing Experimental Demonstration Park | ..... | LI Jian-wei, <i>et al.</i> |
| 90 Research on Comprehensive Mechanized Mining Technology of Fully Mechanized Coal Face | ..... | HOU Xiang-hua |
| 92 Research on the Development of Cracks in Subgrade Soil after Dry-Wet Cycle Based on Binary Method | ..... | LI Zhi-chao |
| 94 Construction Technology of C-shaped Steel Supporting System for Bearing Plate of Reinforced Truss Floor | ..... | WEI Hong-gang |
| 96 Numerical Analysis on Stability of Surrounding Rock of Highway Tunnel in Stratified Geology | ..... | LUO Hai-yan, <i>et al.</i> |
| 98 Discussion on Concrete Inspection Technology in Construction Engineering Quality Inspection | ..... | LIN Zhong-fu |
| 100 Mechanical Analysis of Important Structural Parts in Engineering Projects Based on STAAD/Pro | ..... | MA Ai-xia, <i>et al.</i> |
| 102 On-site Monitoring and Analysis of the Surrounding Rock of the Small Spacing Overlapped Tunnel | ..... | MENG Qing-yi |
| 105 Construction Analysis of Dam Foundation Curtain Grouting of Hydropower Station | ..... | LUO Lin, <i>et al.</i> |
| 107 Practical Analysis of Construction Technology of Bridge Pile Foundation in Municipal Engineering | ..... | YANG Xiang-qian |
| 109 Research on Construction Quality Control of Prefabricated Viaduct Based on FAHP | ..... | CHEN Ye, <i>et al.</i> |
| 112 The Development and Application of Intelligent Tunnel Construction Technology | ..... | YIN Fu-tong, <i>et al.</i> |
| 114 Research on Application of High Performance Concrete in Road and Bridge Construction | ..... | LI Hua-wei |
| 116 Study on Support Technology of Soft Rock Roadway in Yangjiacun Mine | ..... | LI De-hui, <i>et al.</i> |
| 118 Practice of Improving the Operation Reliability of Air Preheater Motor | ..... | ZHENG Jie |

| | |
|--|------------------------------|
| 120 Construction Technology of Large-span Continuous Beam Stiffened Arch Push | ZHANG Zhi-guo, <i>et al.</i> |
| 123 Construction Technology of Reserved Steel Bar Positioning for Fabricated Building Transfer Layer Wall | HUANG Chen |
| 125 Research on Design and Construction of Municipal Road Drainage Pipeline Engineering | WANG Jun-han |
| 127 Influence of Bedding Stiffness in Layered Rock Mass on Deformation of Tunnel Surrounding Rock | YI Jin-fang |
| 129 Analysis of the Cast-in-Situ Construction Technology of Box Girder Support Method across Existing Expressway | LIU Qing-feng |
| 131 Research on Monomer Suction Technology for Ring Blowing of Nylon Filament | HOU Bo |
| 133 Discussion on Construction Technology of Post-pouring Zone of High-rise Building Foundation | JIN Shan |
| 135 A Simple and Quick Evaluation Method for Noise in Compressor Plant | TANG Jia-li, <i>et al.</i> |
| 138 Research on the Construction and Application of Financial Standardization Management System for Final Accounts of Engineering Projects | TAN Chun-xiao |
| 140 Research on the Full-thickness Paving Technology of Cement Stabilized Gravel Stratum | LIU Jian-xiong |
| 143 Analysis of Excavation Resistance of Large Mining Excavator and Optimization of Bucket Structure | WANG Zhe, <i>et al.</i> |
| 149 Research on Bridge Construction Technology Based on Soft Soil Foundation | WANG Hai-tie |
| 151 Research on New Type Nylon Coir Fiber Spinning and Drawing Combined Equipment | QIU Jun-xian |
| 155 Analysis of Temperature Suitability for Sudden Damage of Asphalt Pavement | CAO Cai-ping |
| 158 Application of Drilling Rig in the Excavation of Open Caisson Construction | LIN Yue-miao, <i>et al.</i> |
| 160 Research on Field Installation Process of Assembled Concrete Composite Beam | CHEN Hai-chao |

VALUE APPLICATION

| | |
|--|-----------------------------|
| 162 Application of New Energy-saving Materials and Technologies in Construction Engineering | ZHANG Hai-qi |
| 164 Application of ARIMA Model and Exponential Smoothing Method in COVID-19 | LU Pu-qing |
| 167 Application of Single Network Card and Multi-address Technology to Realize IEC104 Multi-channel Verification | LI Wen-wei, <i>et al.</i> |
| 170 Microgrid Control Strategy Based on Group Search Optimization Algorithm | LIU Ya-bin, <i>et al.</i> |
| 172 Research on the Development of Agricultural Internet of Things Production and Marketing System | GAO Yi-bo, <i>et al.</i> |
| 174 An Analysis of College Students' Consumption Motivation of Star-chasing in the New Media Environment | HAN Chao-yun, <i>et al.</i> |
| 176 The Enlightenment of the COVID-19 Epidemic to the Construction of Civil Air Defence Works | LI Da-wen |
| 178 A Solution Based on CCD Intelligent Vehicle | XU Li, <i>et al.</i> |
| 180 Application of Green Intelligent Building to Architecture Design Requirements | LEI Qiang |
| 182 Key Points of Quality Control in the Process of Mechanical Equipment Installation | JIANG Lin |
| 184 Application Analysis of Information Technology in Engineering Safety Management | WU Bin |
| 186 Green Energy-saving Construction Technology in Housing Construction | XUAN Xiao-yan |
| 188 Research and Application of Smart City Big Data Platform | WU He-yang, <i>et al.</i> |
| 190 Application of Digital Mapping Technology in Urban Cadastral Survey | YAO Hong-jie |
| 192 Exploration and Practice of "Completely Online" Mixed Teaching of Chemical Analysis under Epidemic Situation | PENG Huan |
| 194 Informatization Coordination System of Railway Four-electric Engineering | CHEN Peng-teng |
| 196 Analysis of Common Technical Problems in Maintenance of Road and Bridge Construction Machinery | YUAN Yan-jun |
| 198 Research on Multi-microgrid Coordinated Control Method Based on Peak-valley Price | YU Wen-ping, <i>et al.</i> |

| | |
|---|------------------------------|
| 200 Application of BIM Technology in Building Structure Design | TANG Zhang-ying |
| 202 Research and Analysis of Stress and Deformation Characteristics of Bedding Rock Slope under the Influence of Excavation | JIANG Xiao-quan |
| 205 The Discussion and Analysis of Digital Transformation and Development on Technical Journal in Vertically Subdivided Fields | YU Hai-zhao, <i>et al.</i> |
| 208 The Application of BIM Technology and Value Engineering in Cost Control | GAO Zhan-hong, <i>et al.</i> |
| 210 Analysis on the Appraisal of the Impact of Hangzhou Metro Construction on the No.31 Building and Surrounding Buildings in Shuyuan Community | WANG Zheng |
| 212 Research on Elevator Security Supervision Platform Based on Internet of Things Technology | CHEN Jian-bo, <i>et al.</i> |
| 214 Effect of Lotus Charcoal on Soil Enzyme Activity | FANG Jian, <i>et al.</i> |
| 217 Research on Remote Fault Diagnosis and Maintenance System of Weighing Equipment | ZHONG Qiu |
| 219 Research on the Influence of Urban Two-way Four-lane Bus Lane Setting Based on PARAMICS Simulation | SHANG Jia-qi, <i>et al.</i> |
| 222 Research Review of BIM Technology Development in China | HE Chang-lin, <i>et al.</i> |
| 225 Research on the Application of Electrical Engineering Automation Technology in Power System Operation | ZHANG Yong-peng |
| 227 Construction and Analysis of Rail Transit Construction Management Platform Based on BIM | GUO Zhi-gang, <i>et al.</i> |
| 229 Research on Identification Method of Transmission Line Tower Number Based on Machine Vision | WU Jie-ping, <i>et al.</i> |
| 231 Establishment of Liquid Phase Damage Numerical Model and Productivity Evaluation for Offshore Low-permeability Gas Wells | FAN Ai-bin, <i>et al.</i> |
| 234 Evaluation of Uncertainty in Measurement of Ultraviolet Irradiance of Ultraviolet High-pressure Mercury Lamp | ZUO Fang-yuan |
| 236 Design and Discussion of Main Wiring Scheme for Substation in Small and Medium-sized Factory | LI Jing |
| 238 Statistical Monitoring of Maximum Strips Yield and the Exploration of the Actual Strips Yield Promotion | MENG Zhao-wen, <i>et al.</i> |
| 240 Evaluation of Equipment Test Qualification Condition Variables Based on Improved AHP | YE Kang, <i>et al.</i> |
| 244 Application of One-dimensional Velocity Inversion Model in Earthquake Early Warning System | CHEN Jia-ping, <i>et al.</i> |
| 246 Application of Big Data Analysis Method in Evaluation of Mechanical Recovery Well | LIU Yang, <i>et al.</i> |
| 249 The Research Status of On-line Total Organic Carbon (TOC) Analyzer | CHEN Chuan-zheng |
| 251 Research on Innovation of Internet Insurance Products | XIAO Xue-ping |

THEORETICAL REVIEW

| | |
|--|----------------|
| 253 The Relationship between Industrial Competitiveness, Financial Competitiveness, Economic Development and Currency Internationalization | YE En-ze |
| 256 Summary of Research on Reactive Powder Concrete | CUI Tian-xiang |

郑重声明

1、本刊所刊载内容未经书面许可，任何部分不得以任何形式翻印、转载、复制，及存储于检索系统，提供给公众或私人使用。

2、来稿在15个工作日内给予回复录用与否，若未收到回复信息，请来信来电咨询稿件进展。来稿正常刊登周期为3个月内，未录用者可自行处理。请勿一稿多投，不涉及保密、署名无争议，请作者自留底稿，恕不退稿。

3、编辑部对来稿文章标题、内容、参考文献等保留删修权，不同意删修的稿件请在来稿中声明。

4、本刊已许可相关期刊网站以数字化方式复制、汇编、发行、信息网络传播本刊全文。本刊支付的稿酬(或稿酬与作品审稿费、与作品样刊费相抵)已包含相关期刊网站著作权使用费，所有署名作者向本刊提交文章发表之行为视为同意上述声明。如有异议，请在投稿时说明，本刊将按作者说明处理。