

价值工程

2018年1月下旬刊(总第479期/第37卷)
1982年创刊 2018年1月28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
中国高等教育学会价值工程分会
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

名誉总编:郜明信
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
投稿邮箱:vezzsbjb@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

国内统一连续出版物号:CN 13-1085/N
国际标准连续出版物号:ISSN 1006-4311
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:石家庄市槐安西路88号卓达
物业楼A501室
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 *

- 建设项目决(结)算阶段财政评审存在问题浅析与建议
..... 张建设 等(1)
- 5S管理法在项目施工合同文书管理中的应用 凌云(3)
- 大型油气田工程项目结算滞后问题分析及对策研究 李渡 等(5)
- 市政道路施工质量影响因素及控制方法研究 王东生 等(7)
- 基于聚类分析的城市轨道交通与地区经济发展关系研究
..... 徐伟 等(10)
- 济南市科技创新国际化发展现状与对策建议 刘倩(12)
- 基于均方差决策法的关中地区城市绿色发展市域差异分析
..... 刘倩 等(14)
- 建设项目实施阶段的造价控制 肖慧芸 等(17)
- 城市综合地下管线测量的质量控制与方法探讨 刘守业(19)
- 新会计准则所得税会计处理的变化及对企业的影
响 周永斌 等(21)
- 简析建筑安全标准化管理模式 王楠(23)
- 基础设施特许经营合约再谈判外生因素分析 何茜 等(25)
- BIM技术在建筑施工安全管理中应用的思考 李童(27)
- 浅析青浦区朱家角居住区设计管理中问题
和对策解析 翁灵(29)
- 多项目管理冲突问题的分析与解决 孙磊 等(31)
- 电子政务项目在PPP模式下的投资模式研究
..... 周妍汝(32)
- 通过提高列车出站速度压缩高速铁路列车发
车追踪间隔时间 张婷(34)
- 浅析添柏岚(Timberland)的绿色营销
..... 董力维(36)
- 企业质量管理中的问题及对策研究 桑丹 等(40)
- 融资融券对我国证券市场的影响 李晶博(42)
- 上市公司内部控制缺陷的认定标准及其披
露的研究 王丹丹 等(44)
- 基于“云计算”的财务数据管理研究
..... 曾璐(46)
- 某独立学院后勤服务质量评价与改善
..... 赵曼 等(49)
- 苏南地区绿色建筑能效提升的路径研究
..... 周优 等(51)
- 基于SPSS的中学食堂学生满意度测评与
统计分析 刘昕冉 等(54)
- 对公路桥梁施工中质量控制与管理的研究
..... 吕学军(57)
- 基于熵权法-GRA的房地产上市公司成长
性评价研究 李娇(59)
- 小高层建筑物共振现象的检测及治理实例
..... 杨选(63)
- 基于绿波交通信号控制的城市快速通道节
能减排应用研究 杨欣 等(66)
- 养老地产PPP项目政府激励机制研究
..... 李婧(68)
- 学生参与图书馆文化建设的案例分析
..... 周建成(71)
- 基于GRA-TOPSIS的地铁应急预案评
选 赵金先 等(75)
- P2P网络借贷监管博弈分析 黄聪艳 等(78)
- 合同能源管理模式下既有公共建筑节能改
造项目风险分析与控制研究
..... 何敏(81)
- 浅谈如何根据人们的活动行为塑造社区公
园功能空间 赫菲 等(83)
- 面向生态产品创新的广东模具产业集群发
展思路研究 张沙清 等(86)
- 刍议公路桥梁施工中存在的不足与应对措
施 黄福文(88)
- 地方高职院校新校区基建采用TOT模式
的财务评价模型探讨 黄程远 等(90)
- 最低价中标在物资采购应用中的解析与建
议 程超(93)

产业融合视角下陕西煤炭产业优化升级的路径 杨米会(95)
建设项目施工总平面布置图的设计及管理 范晓琰(98)
生态补偿标准确定方法研究 胡海川等(100)
国内外城市综合管廊发展现状、问题及对策研究
..... 宁勇等(103)

*** 价值链·供应链 ***

基于报童模型的供应链管理中利润与风险平衡研究
..... 张旺等(106)
基于 FAHP 的某物流园区综合评价 徐伟(110)

*** 功能载体创新 ***

预装式变电站接地系统设计研究 王琨等(112)
铁路预制梁场箱梁制梁工艺研究 李红丽(116)
试论预制小箱梁钢筋施工技术 陈应龙(118)
路桥施工中预应力技术的作用分析 贾刚龙(120)
小型水库防渗体加固方案比选 张小军(122)
深槽精铣加工的振动分析与解决 仝九雨等(123)
煤矿深部开采热害防治技术的应用与研究 马坡(125)
旋挖钻在泥加石地层桩基施工中的问题及处理
..... 魏义全(127)
隧道洞渣联合生产碎石、机制砂工艺研究 陈浩(128)
基于统计试验设计优化对齿轮噪音的改善
..... 靳少辉等(131)
瞬变电磁法在超前探测水害防治中的应用
..... 邓天鹏等(133)
乘用车驱动桥壳有限元分析 朱文艳等(136)
大型“偏心轴”自由锻造技术 贾黎明(139)
地下管线受厚硬岩层盾构隧道施工的影响分析
..... 徐伟等(141)

*** 价值应用 ***

面向双创型人才培养的“五位一体”实践教育体系的构建
..... 金燕(143)
GPS KLOBUCHAR 模型改正精度异常现象分析
..... 鲁强(146)
基于数据驱动的专业工程认证持续改进决策方法
..... 刘孝保等(151)
基于 LM-BP 算法的轨道交通客流短时预测
..... 王立政等(154)
SPC 烟叶复烤加工过程在烟碱含量测定中的应用
..... 张志成等(156)
锂离子动力电池充放电热响应实验研究 张亚徽等(160)
网络课程的设计与评价 肖红等(162)
林业院校非测绘专业测量学体系构建 陈爱梅等(164)
互联网+信息化技术促进建筑业转型升级
..... 张爱琳等(167)
求解二维粒子输运方程的 CGS 算法 张慧慧(169)
试论园林绿化工程施工质量控制途径及思路
..... 何丽昆(172)
建筑工程施工技术在高层建筑中的应用 刘扬(174)
BIM 技术在建筑设计及施工过程中的应用
..... 罗淑平等(176)
高校图书馆阅读推广实践与探索 马骥(178)
职业院校学历教育与职业培训沟通机制研究
..... 王学艳(180)

沈阳市皇姑区七二四明渠景观改造设计 程正奎等(182)
石平川钼多金属矿区构造特征浅析 吕豫辉等(184)
关于排球运动员运动创伤的特点和防治措施研究
..... 肖建波(186)
大数据视阈下应用本科院校教学平台建设研究 白鹤(188)
电信 800M 与移动联通 4G 网络测试对比分析
..... 张占丰(190)
基于二阶自相关过程残差控制图的改进 魏兴龙等(192)
亲水凝胶型控释药物膨胀率检查方法进展
..... 鲁正熹等(195)
分析填列法下的现金流量表的编制操作解析
..... 陈钰华等(198)
基于职业胜任力的财经类工程管理专业培养保障机制
..... 汪振双(201)
浅谈绿化设计在室内空间中的运用 孙若玮(203)
区间映射规则下的时间序列相似形态搜索算法
..... 董肖凯等(205)
车辆保险市场的成长预测 赵恩有等(208)
物探数据的三维地质建模及其在水利水电工程中的应用
..... 韩松等(211)
转型高校应用型人才培养模式创新研究与实践
..... 王骏飞等(213)
职业院校网络学习平台的设计 张待娣等(216)
攀枝花新型城镇化进程中美丽乡村建设研究
..... 王超等(218)
高职学分制协同管理的应用研究 沈艳东(220)
天河城购物中心内部公共步行空间研究 曾彦春(222)
房屋建筑设计中的节能环保问题探讨 刘莉萍(224)
从研究方法的角度浅析 MVRDV 的建筑探索 郭焱楠(226)
人事档案整理装订的改革探讨 孙艺丹(228)

*** 工业工程 ***

手电钻装配单一品种流水线的平衡设计 贾舒媛等(230)
基于延迟策略的某汽车配件公司生产优化模型研究
..... 孙俊杰(232)

*** 理论综述 ***

关于媒体舆论监督对公司反腐败治理影响的文献综述
..... 胡丽丽(234)
“全面二孩”政策下职业女性工作生活平衡对策研究
..... 樊晓军等(236)
美国、英国、德国三国职业技能标准研究对我国职业技能标准
研究的启示 黄立君等(239)
大学生恋爱受挫问题调查与分析 张善红等(241)
慕课对工科专业的影响与实践探讨 张益波等(243)

*** 综合 ***

高职院校试行现代学徒制的探索 李厥瑾(246)
高职校课堂新媒体技术应用现状分析 宋小萍(248)
平改立工程小件供应工作之我见 王建君(250)
工程管理专业校外内外双平台培养模式的研究与实践
..... 师丽等(252)
“卓越”背景下专业英语课程柔性化课程设计的研究
..... 赵俊茹等(254)
递进式《传感器原理及应用》课程项目化改革与实践
..... 郭亮等(256)
“新工科”背景下通信原理的课程优化 曹婷等(258)

Value Engineering

(VE)

Fortnightly Issue

Started in 1982

Vol.37 1.c

(Sum No.479)

Published in Jan. 28, 2018

Inscribed:

Yuan Baohua

Honorary Editor-in-Chief:

Gao Mingxin

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:

Room A501, Zhuoda Property
House, No.88 Huai'an Road

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 Analysis and Suggestion on the Problems in the Financial Evaluation of Construction Project ZHANG Jian-she, *et al.*
3 Application of 5S Management Method in Document Management of Project Construction Contract LING Yun
5 Problem Analysis and Countermeasure Study on the Settlement Lag of Large Oil and Gas Field Projects LI Du, *et al.*
7 A Study on Influencing Factors and Controlling Methods of Construction Quality of Municipal Road
..... WANG Dong-sheng, *et al.*
10 Research on the Relationship between Urban Rail Transit and Regional Economic Development Based on Cluster Analysis
..... XU Wei, *et al.*
12 Development Status and Countermeasures of Technology Innovation Internationalization in Jinan LIU Qian
14 Analysis on the Differences of Urban Green Development among Cities in Guanzhong Region Based on MSE Decision Method
..... LIU Qian, *et al.*
17 Cost Control of Construction Project in the Implementation Stage XIAO Hui-yun, *et al.*
19 Quality Control and Methods of Urban Integrated Underground Pipeline Measurement LIU Shou-ye
21 Changes in the Accounting Treatment of Income Taxes of New Accounting Standards and the Impact on Enterprises
..... ZHOU Yong-bin, *et al.*
23 Brief Analysis of Safety Standardized Management Mode of Construction Industry WANG Nan
25 Renegotiation of Infrastructure Concession Contracts: an Exogenous Factor Analysis HE Xi, *et al.*
27 Application of BIM Technology in Construction Safety Management LI Tong
29 Analysis on Problems and Countermeasures in Design Management of Residential Community in Zhujiyajiao, Qingpu District
..... WENG Ling
31 Analysis and Solution of Multiproject Management Conflicts SUN Lei, *et al.*
32 Research on the Investment Model of E-government Project in PPP Mode ZHOU Yan-ru
34 Compress the Tracing Interval of High-speed Railway Trains by Increasing Train Outbound Speed ZHANG Ting
36 The Green Marketing of Timberland DONG Li-wei
40 Research on Problems and Countermeasures in Enterprise Quality Management SANG Dan, *et al.*
42 The Impact of Margin Trading on China's Securities Market LI Jing-bo
44 Identified Standards of Listed Company's Internal Control Deficiencies and Disclosure Research WANG Dan-dan, *et al.*
46 Research on Financial Data Management Based on "Cloud Computing" ZENG Lu
49 Evaluation and Improvement of Logistics Service Quality in an Independent College ZHAO Man, *et al.*
51 Study on the Path of Energy Efficiency Enhancement of Green Building in South of Jiangsu ZHOU You, *et al.*
54 Statistical Analysis and Evaluation of Student Satisfaction of High School Canteen Based on SPSS LIU Xin-ran, *et al.*
57 Research on Quality Control and Management in Highway Bridge Construction LV Xue-jun
59 An Evaluation Research on the Growth of the Listed Real Estate Companies Based on Entropy Weight and Grey Relational Analysis
..... LI Jiao
63 Detection and Treatment of Resonance Phenomenon of Small High-rise Buildings YANG Xuan

| | | |
|-----|--|---------------------------------|
| 66 | The Research on Energy-saving and Emission-reduction of Urban Fast Track Based on Green Wave Traffic Signal Control | YANG Xin , <i>et al.</i> |
| 68 | Research on Government Incentive Mechanism of PPP Project in Pension Real Estate | LI Jing |
| 71 | A Case Study of Students' Participation in Library Cultural Construction | ZHOU Jian-cheng |
| 75 | Evaluation of Metro Emergency Plan Based on GRA-TOPSIS | ZHAO Jin-xian, <i>et al.</i> |
| 78 | The Game Analysis of Regulations of P2P Network Lending | HUANG Cong-yan, <i>et al.</i> |
| 81 | Study on Risk Analysis and Control of Existing Public Building Energy-saving Rehabilitation Projects under Contractual Energy Management | HE Min |
| 83 | On How to Shape the Function Space of Community Parks according to People's Activities | HE Fei, <i>et al.</i> |
| 86 | Research on the Development Thinking of Guangdong Mold Industrial Clusters for Eco-product Innovation | ZHANG Sha-qing, <i>et al.</i> |
| 88 | Opinion on the Shortcomings and Countermeasures of the Construction of Highway Bridges | HUANG Fu-wen |
| 90 | Discussion on Financial Evaluation Model for New Campus Infrastructure of Local Higher Vocational Colleges by TOT Mode | HUANG Cheng-yuan, <i>et al.</i> |
| 93 | Analysis and Suggestion on Application of the Lowest Bidding Method in Material Procurement | CHENG Chao |
| 95 | The Upgrading Path for Shaanxi Coal Industry Based on the Industrial Convergence | YANG Mi-hui |
| 98 | Design and Management of General Construction Layout Drawing of Construction Project | FAN Xiao-yan |
| 100 | Research on the Method of Determining Ecological Compensation Standard | HU Hai-chuan, <i>et al.</i> |
| 103 | Research on the Current Situation, Problems and Countermeasures of Urban Utility Tunnel Development in China and Abroad | NING Yong, <i>et al.</i> |

VALUE CHAIN·SUPPLY CHAIN

| | | |
|-----|--|---------------------------|
| 106 | Profit and the Balance of Risks in Supply Chain Management Research Based on the Newsboy Model | ZHANG Wang, <i>et al.</i> |
| 110 | Comprehensive Evaluation of a Logistics Park Based on FAHP | XU Wei |

FUNCTION CARRIER INNOVATION

| | | |
|-----|--|-------------------------------|
| 112 | Design and Research on Grounding System of Pre-assembled Substation | WANG Kun, <i>et al.</i> |
| 116 | Research on the Technology of Prefabricated Box Girder | LI Hong-li |
| 118 | Discussion on Prefabricated Small Box Girder Steel Bar Construction Technology | CHEN Ying-long |
| 120 | Role Analysis of Prestressing Technology in Road and Bridge Construction | JIA Gang-long |
| 122 | Comparison and Selection of Anti-seepage Body Reinforcement Schemes for Small Reservoirs | ZHANG Xiao-jun |
| 123 | Vibration Analysis and Solution of Deep Groove Finishing Milling | TONG Jiu-yu, <i>et al.</i> |
| 125 | Application and Research of Prevention and Control Technique of Thermal Damage in Deep Mining of Coal Mine | MA Po |
| 127 | Problem and Treatment of Rotary Drilling in Construction of Mud-Stone Pile Foundation | WEI Yi-quan |
| 128 | Research on the Aggregate and Machine-made Sand Co-production Technology from Tunnel Cinder | CHEN Hao |
| 131 | Research of Transmission Noise Improvement Based on Gear Micro Main-effect Parameter Optimization | JIN Shao-hui, <i>et al.</i> |
| 133 | Application of Transient Electromagnetic Method in Advanced Detection Water Prevention and Control Work | DENG Tian-peng, <i>et al.</i> |
| 136 | Finite Element Analysis of Passenger Car Driving Axle Housing | ZHU Wen-yan, <i>et al.</i> |
| 139 | Large "Eccentric Shaft" Free Forging Technology | JIA Li-ming |
| 141 | Analysis on Influence on Underground Pipeline by Shield Tunnel Construction in Thick and Hard Formation | XU Wei, <i>et al.</i> |

VALUE APPLICATION

| | | |
|-----|---|--------------------------------|
| 143 | Construction of "Five in One" Practical Education System Oriented to Cultivating Creative and Entrepreneurial Talents | JIN Yan |
| 146 | Analysis of the Accuracy Anomaly of GPS KLOBUCHAR Model | LU Qiang |
| 151 | Decision-making Method of Continuous Improvement of Professional Engineering Certification Based on Data-driven | LIU Xiao-bao, <i>et al.</i> |
| 154 | Short-term Prediction Research on Urban Rail Transit Passenger Flow Based on LM-BP Algorithm | WANG Li-zheng, <i>et al.</i> |
| 156 | Application of SPC in Determination of Nicotine Content | ZHANG Zhi-cheng, <i>et al.</i> |
| 160 | Research on Heat Production of the Charge/Discharge Processes in Li-ion Power Battery | ZHANG Ya-hui, <i>et al.</i> |
| 162 | Design and Evaluation of Network Course | XIAO Hong, <i>et al.</i> |
| 164 | Construction of Surveying System for Non-surveying Specialty in Forestry Colleges | CHEN Ai-mei, <i>et al.</i> |
| 167 | To Promote Transformation and Upgrading of Construction Industry by Internet + Informatization Technology | ZHANG Ai-lin, <i>et al.</i> |

| | | |
|-----|---|--------------------------------|
| 169 | CGS Algorithm for Solving 2D Particle Transport Equation | ZHANG Hui-hui |
| 172 | On Ways and Thoughts of Construction Quality Control in Landscape Engineering | HE Li-kun |
| 174 | Application of Construction Engineering in High-rise Building | LIU Yang |
| 176 | Application of BIM Technology in Architectural Design and Construction | LUO Shu-ping, <i>et al.</i> |
| 178 | Practice and Exploration of Reading Promotion of University's Library | MA Hua |
| 180 | Study on the Communication Mechanism between Qualifications Education and Vocational Training in Vocational Colleges | WANG Xue-yan |
| 182 | Renovation of No.724 Open Channel Landscape in Huanggu District of Shenyang City | CHENG Zheng-kui, <i>et al.</i> |
| 184 | Structural Features of Shipingchuan Molybdenum Polymetallic Ore | LV Yu-hui, <i>et al.</i> |
| 186 | Study on Characteristics and Prevention and Cure Measures of Volleyball Players' Traumatic Injury | XIAO Jian-bo |
| 188 | Study on the Construction of Teaching Platform for Application-oriented Undergraduates from the Perspective of Big Data | BAI He |
| 190 | Comparison and Analysis of Telecom 800M and Mobile & Unicom 4G Network Tests | ZHANG Zhan-feng |
| 192 | Improvement of Residual Control Chart Based on Second Order Autoregressive Processes | WEI Xing-long, <i>et al.</i> |
| 195 | Advances in the Study of Swelling Behavior of Hydrophilic Gel Matrix in Diffusing Controlled Released Tablets | LU Zheng-xi, <i>et al.</i> |
| 198 | Operation Analysis of the Cash Flow Statement in the Column Method | CHEN Yu-hua, <i>et al.</i> |
| 201 | The Training Guarantee Mechanism of Finance and Economics Engineering Management Specialty Based on Professional Competence | WANG Zhen-shuang |
| 203 | On the Application of Green Design in Interior Space | SUN Ruo-wei |
| 205 | Time Series Similar Morphology Search Algorithm under Interval Mapping Rules | DONG Xiao-kai, <i>et al.</i> |
| 208 | Vehicle Insurance Market Growth Forecast | ZHAO En-you, <i>et al.</i> |
| 211 | 3D Geological Modeling of Geophysical Data and Its Application in Water Conservancy and Hydropower Engineering | HAN Song, <i>et al.</i> |
| 213 | Innovation Research and Practice of Applied Talents Cultivation Mode in Transitional Universities | WANG Jun-fei, <i>et al.</i> |
| 216 | Design of Web-based Learning Platform in Vocational Colleges | ZHANG Dai-di, <i>et al.</i> |
| 218 | Study on the Beautiful Countryside Construction in the Process of Panzhuhua's New Urbanization | WANG Chao, <i>et al.</i> |
| 220 | Research on the Application of Credit Management System in Higher Vocational Colleges | SHEN Yan-dong |
| 222 | Research on the Internal Public Walking Space in Teem Mall | ZENG Yan-chun |
| 224 | Discussion on Energy Conservation and Environmental Protection in Building Design | LIU Li-ping |
| 226 | Analysis on MVRDV Architecture Exploration from the Perspective of Research Methods | GUO Yao-nan |
| 228 | Reform of Personnel Files Arrangement and Binding | SUN Yi-dan |

IE

| | | |
|-----|--|-----------------------------|
| 230 | The Balanced Design of Single-variety Line of Hand Electric Drill Assembly Workshop | JIA Shu-yuan, <i>et al.</i> |
| 232 | Research on Production Optimization Model of An Automotive Parts Company Based on Delay Strategy | SUN Jun-jie |

THEORETICAL REVIEW

| | | |
|-----|--|--------------------------------|
| 234 | A Literature Review on the Impact of Media Public Opinion Supervision on Corporate Anti-corruption | HU Li-li |
| 236 | A Study on the Countermeasures of Career Women's Work-life Balance under the Policy of "Two Children" | FAN Xiao-jun, <i>et al.</i> |
| 239 | Enlightenment of the Study of Occupational Skill Standard in the United States, Britain and Germany on the Study of Occupational Skill Standard in China | HUANG Li-jun, <i>et al.</i> |
| 241 | Investigation and Analysis on the Love Frustration of College Students | ZHANG Shan-hong, <i>et al.</i> |
| 243 | Discussion on Effects and Practice of MOOCs to Engineering Teaching | ZHANG Yi-bo, <i>et al.</i> |

COMPREHENSION

| | | |
|-----|---|----------------------------|
| 246 | Exploration of Pilot Modern Apprenticeship System in Higher Vocational Colleges | LI Jue-jin |
| 248 | Analysis of the Application of New Media Technology in Class in Higher Vocational Colleges | SONG Xiao-ping |
| 250 | On the Work of Supplying Small Pieces for Leveling Project | WANG Jian-jun |
| 252 | Research and Practice on the Practice Teaching Method of the Intramural and External Campus Training Platform of the Engineering Management Specialty | SHI Li, <i>et al.</i> |
| 254 | Research on Flexible Curriculum Design of Professional English Courses in the Background of Excellent Engineer Education | ZHAO Jun-ru, <i>et al.</i> |
| 256 | Progressive Reform and Practice of "Principle and Application of Sensors" | GUO Liang, <i>et al.</i> |
| 258 | Curriculum Optimization of Communication Principles in the Context of "New Engineering" | CAO Ting, <i>et al.</i> |