

价值工程

2018年2月下旬刊 (总第482期 / 第37卷)
1982年创刊 2018年2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

名誉总编：邵明吉

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 *

- 人民币汇率影响因素分析 邵明吉等(1)
航空行业管理咨询公司的发展战略研究 王彤等(4)
浅谈路桥施工管理的问题与对策 李艳(7)
深圳市职工医保个人账户家庭共享的成效及启示 陈小雪等(9)
物流企业转型升级能力评价研究 赵理爽(12)
基建账户在高校事业账与基建账日常往来中的影响研究 王芳镜(14)
基于模糊层次综合评价的加油站安全现状研究 张旭等(16)
基于微信公众号的高校图书馆自习室管理案例探析 李旺等(19)
EPC模式下总承包商工程价款竣工结算的策略研究 赵轲等(21)
浅谈新时期纪念馆讲解员的管理工作 刘利伟(25)
城乡建设用地置换中的冲突分析及化解机制设计 孙俊成(27)
基于AHP的装配式建筑的应用推广障碍分析及解决方案 刘俊娥等(31)
跨境电商经营风险与对策研究 汪志祥(35)
互联网时代企业财务融资探讨 陈佳莹(38)
循环经济模式下的我国绿色物流可持续发展研究 陈婉婷(40)
浅析海洋工程装备制造过程中焊接质量管理 罗江涛(42)
浅究路桥施工过渡段中施工技术问题 赵永彬(44)
分享经济情景下促进互联网金融发展的建议 程玉仙(46)
沙坡尾社区旧城更新规划实施政策与执行研究 景政等(48)
目标管理视角下创新大学生顶岗实习管理方式研究 许正环(50)
基于因子分析法的云南州市经济水平评价研究 王洪富等(54)
企业目标作业成本管理的方法探究 孙滨等(57)
浅谈基于BIM的建设工程造价管理 解凌燕(59)
浅析国有企业固定资产存在的问题和解决方法 吴宇(61)
城市轨道交通项目费用集成化管理研究 王天成(63)
浅析路桥施工的技术及质量控制措施 亓秀菊(65)
论高校科学研究院在产教融合办学模式中的重要性 李金萍(67)
关于整顿市场秩序、提升沈阳大型专业市场国内外声誉的对策建议 孙莹(69)
浅谈企业绩效考核存在的问题及对策 谭舒婷(71)
生活垃圾减量化主体间演化博弈分析 任哲勋等(73)
关于加强卫勤装备保障训练考评管理的措施研究 唐坚等(75)
价值工程与医院医疗设备购置的战略性需求分析方法研究 左云西等(78)
不平衡报价合理幅度及防范措施研究 尹贻林等(82)
财务会计管理会计信息化融合研究 吴敏(85)
农村公路建设质量监督管理中的问题与对策 王洪富等(87)
基于平衡计分卡的珠三角地区高职院校绩效评价研究 刘红霞(89)
浅析酒店筹资管理 蔡丽博(91)
基于客户信用评级系统的银行信贷管理分析 卫伟(93)
中小企业技术创新风险政府补偿机制研究 陈纲(95)
新常态下商业银行信贷风险管理问题研究 郭敏(99)
考虑排污权交易的有限理性竞争博弈模型研究 张骥骥(101)
BIM技术在装配式建筑施工质量管理中的应用研究 肖阳等(104)

* 价值链·供应链 *

- 从供应链视角看唯品会 赵周慧 等(107)
考虑碳排放的农产品冷链车辆路径问题研究 王思静(109)
基于可拓理论的制造业供应链协同企业选择评价 李中全(111)
社区微菜场的选址研究 钟雅洁 等(114)

* 功能载体创新 *

- 薄壁混凝土槽型梁裂缝控制技术研究 方向春(116)
基坑开挖有限元分析中土体本构模型的修正 张端阳 等(119)
焊接机器人的运动学分析与轨迹规划 唐健(122)
PPRC 劲性体在复合地基处理中的有限元分析 李伟 等(125)
上承式拱桥横向连接对结构受力的影响 黄硕(127)
浅谈钻孔灌注桩桩头即时处理技术的研究 杨刚(129)
核电厂 EAS 喷淋系统流量验证试验分析 郭武生 等(131)
铝合金模板在超高层建筑施工中的应用 金剑青(133)
钢桁梁拼装临时支撑设计 陈恩锋(136)
居民建筑的震害分析与设计方法 武琨璐 等(139)
盘式制动器漏油失效模式分析及预防措施 白莎 等(141)
盾构隧道管片上浮原因分析及应对措施 张智勇(143)
闪光焊在地铁特殊段的作业控制 赵洪涛(145)
路基膨胀土掺石灰改良方案论证和施工技术 张仕雨 等(147)
哈大客专宋家屯特大桥零号块施工工艺特点 王志刚(149)
铁路隧道软弱围岩支护及监测技术研究 孟蕾(151)
赵村铺煤矿突水淹井与注浆堵水分析 冯金文(154)
复杂地层中盾构施工渣土改良技术研究 宋立平(156)
球杆仪对数控机床精度检测分析 赵艳妮(158)

* 价值应用 *

- 酸面团中乳酸菌抗真菌活性的研究进展 张薇 等(160)
校园网贷乱象下大学生消费观念 周树云 等(162)
无人机低空摄影在面积量算上的可行性分析 李克 等(164)
一种基于距离的图像加权中值滤波方法研究 柏文豪 等(166)
复变函数与积分变换课堂方法探索 池建成(169)
高新技术园区创新投入周期研究 初睿 等(170)
浅谈亲子乐园景观设计 彭婧(172)
基于翻转课堂的计算机基础课程应用研究 王骏飞 等(174)
基于车载 GPS 定位技术的共享单车定位模式研究 鲍星安(177)
公路养护生产中沥青废弃旧材料的再生利用 王建林(179)
探讨计算机软件测试的相关技术应用 翟燕(181)
基于高职院校大一学生职业生涯规划的方法和路径研究 蒋晓川 等(183)
浅析易班平台对当代大学生班级管理的作用 智瑀(185)
市政道路沥青路面接缝施工技术的应用实践研究 郭建飞(187)
SOHO 式创业:大学生参与文化创意产业的新路径 易巧巧(189)

- 通风除湿系统改造设计在地下工程的应用 刘雄(191)
浅析景观园林绿化施工方案的优化 黄锐(193)
实践中提升高职酒店管理专业学生职业能力的研究 刘翠萍(195)
建筑工程自动化供配电系统的设计及实践 牛美英 等(197)
基于学生能力培养的高职电类专业实践模式构建 张秀华 等(199)
自我提高与外力引导相结合提升高校青年博士教学能力 王维 等(201)
基于因子分析法的 PPP 污水处理项目特许定价影响因素研究 朱海波 等(203)
大数据环境下汽车消费者行为分析研究 周逊 等(205)
1215 易切削钢钢中显微夹杂物特征研究 马艳杰 等(207)
转型期民办高校竞争力提升策略分析 孙晓梅(209)
BIM 技术的发展现状与前景展望 张梦琪 等(212)
北欧高校图书馆环艺设计理念分析研究 杨帅(214)
华润温州航道及港池维护疏浚工程台风期浮泥层厚度分析 寿泽毅 等(216)
硫化氢控制措施在隧道施工中的应用 彭万平(218)
电气仪表安装问题探讨 孟丽 等(220)
浅说应用项目训练来提高读图能力 吴桂洪(221)
深化初级预选士官实战化训练的探索与实践 叶文 等(223)
独立学院校内数学建模竞赛研究 邢刚 等(225)
以法社会学视角探究电商平台规则在运行中的变异 张慧(227)
矿井复杂水情区域掘进防治水技术探讨与应用 张玉松 等(228)

* 工业工程 *

- 基于工业工程的食堂就餐流程优化研究 陈坤 等(230)

* 理论综述 *

- 非营利组织的发展困境与突围 代昕(232)
美联储缩表对中国经济的可能性影响分析 陈益群 等(234)
新疆双语基础教育阶段课程资源的现状和对策研究 仇岗 等(236)
新生代农民工工作家庭冲突对工作满意度的影响 范涓涓(239)
网络舆情传播影响因素研究综述 杨伊帆(242)
日本竞争情报对我国企业的借鉴 王梨英(244)

* 综合 *

- 构建“应用型”城乡规划专业设计类课程体系 吉燕宁 等(246)
浅谈做好中职班主任班级管理方法 赵丹(249)
“教学做”一体化模式在《工程训练》中的探索应用 宋英超 等(250)
结合产教融合的“水分析化学”课程建设研究 董茹 等(252)
案例分析在工程硕士课程清洁生产中的探索 张承龙 等(253)
浅谈传统工业企业文化落地的开展形式 何晓东(255)
产教融合模式下化工设备类课程建设研究 王战辉 等(257)
专业认证背景下《制药设备与车间设计》课程改革 梁旭华 等(258)

Value Engineering
(VE)
Fortnightly Issue
Started in 1982
Vol.37 2.c (Sum No.482)
Published in Feb. 28, 2018

Inscribed: Yuan Baohua
Honorary Editor-in-Chief: Gao Mingxin
Executive Editor-in-chief: Gao Zhibiao
Manager: Hebei Association for Science and Technology
Sponser: Hebei Institute of Technology Economy and Modern Management

Chief Edior'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: vezzsbjh@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 of the Influencing Factors of RMB Exchange Rate SHAO Ming-ji, et al.
 4 Research on the Development Strategy of Aviation Industry Management Consulting Company WANG Tong, et al.
 7 Problems and Countermeasures of Road and Bridge Construction Management LI Yan
 9 Achievements and Implications of Family Sharing of Basic Medical Insurance Individual Account of Urban Employees in Shenzhen CHEN Xiao-xue, et al.
 12 Research on Evaluation of Logistics Enterprise Transition and Upgrading Capability ZHAO Li-shuang
 14 Research on the Impact of Capital Accounts on the Merging of Business Accounting Book and Capital Accounting Book in Colleges and Universities WANG Fang-jing
 16 Study on Safety Conditions of Gas Station with Fuzzy Comprehensive Evaluation Method ZHANG Xu, et al.
 19 Case Study on the Management of Study Rooms in University Library Based on Wechat Official Account LI Wang, et al.
 21 Strategy Research on Completion Settlement of Project Price of General Contractor in EPC Mode ZHAO Ke, et al.
 25 Management of the Instructors in the Memorial Hall in the New Period LIU Li-wei
 27 Analysis and Solution Mechanism Design of Urban and Rural Construction Land Replacement Conflict SUN Jun-cheng
 31 Obstacle Analysis and Solution of Application Popularization Based on AHP in Fabricated Buildings LIU Jun-e, et al.
 35 Research on Management Risk and Countermeasures of Cross-border E-commerce WANG Zhi-xiang
 38 Discussion on Financing of Enterprises in the Internet Era CHEN Jia-ying
 40 Research on Sustainable Development of Green Logistics in China under Cyclic Economy Model CHEN Wan-ting
 42 Analysis of Welding Quality Management in Marine Engineering Equipment Manufacturing LUO Jiang-tao
 44 Discussion on Construction Technology in Transition Section of Road and Bridge Construction ZHAO Yong-bin
 46 Suggestions for Promoting the Development of Internet Finance in the Context of Sharing Economy CHENG Yu-xian
 48 Study on the Implementation Policy and Implementation of Old City Renewal Planning in Shapowei Community JING Zheng, et al.
 50 The Research on the Management of Post Practice of College Students under the Management by Objectives Theory XU Zheng-huan
 54 Research on Economic level Evaluation of Counties (Cities) in Yunnan Province Based on Factor Analysis WANG Hong-fu, et al.
 57 Research on the Method of Target-Activity Cost Management in Enterprises SUN Bin, et al.
 59 Discussion on the Construction Project Cost Management Based on BIM XIE Ling-yan
 61 On the Problems and Solutions of Fixed Assets Management of State-owned Enterprises WU Yu
 63 Study on Integrated Management of Urban Rail Transit Project Expenses WANG Tian-cheng
 65 Analysis on Technology and Quality Control Measures of Road and Bridge Construction QI Xiu-ju
 67 On the Importance of Scientific Research in the Production-Teaching Combined School Mode LI Jin-ping
 69 Suggestions on Reorganizing the Market Order and Enhancing the Reputation at Home and Abroad of the Large Specialized Market in Shenyang SUN Ying
 71 Introduction to the Problems and Countermeasures of Enterprise Performance Assessment TAN Shu-ting

73 Evolutionary Game Analysis of the Reduction of Domestic Waste	REN Zhe-xu, <i>et al.</i>
75 Research on the Measures to Strengthen the Evaluation and Management of Medical Equipment Support Training	TANG Jian, <i>et al.</i>
78 Research on Value Engineering and Strategic Requirements Analysis Method for Hospital Medical Equipment Purchase	ZUO Yun-xi, <i>et al.</i>
82 Research on the Reasonable Range of Unbalanced Price Quotations and the Prevention Measures	YIN Yi-lin, <i>et al.</i>
85 Informationalization Integration Research of Financial Accounting and Management Accounting	WU Min
87 Problems and Countermeasures in the Quality Supervision and Management of Rural Highway Construction	WANG Hong-fu, <i>et al.</i>
89 Performance Evaluation of Higher Vocational Colleges in Pearl River Delta Based on Balanced Scorecard	LIU Hong-xia
91 Analysis of Hotel Financing Management	CAI Li-bo
93 Bank Credit Management Analysis Based on Customer Credit Rating System	WEI Wei
95 Research on Government Compensation Mechanism for SME Technological Innovation Risk	CHEN Gang
99 Research on Credit Risk Management of Commercial Banks in the New Normal	GUO Min
101 Study on Competitive Game Model with Bounded Rationality Enterprise of Emissions Trading	ZHANG Ji-xiang
104 Application of BIM Technology in the Construction Quality Management of Prefabricated Construction	XIAO Yang, <i>et al.</i>

VALUE CHAIN•SUPPLY CHAIN

107 Looking at Vipshop from the Perspective of Supply Chain	ZHAO Zhou-hui, <i>et al.</i>
109 Study on Cold Chain Vehicle Routing Problem of Agricultural Products Considering Carbon Emission	WANG Si-jing
111 Supply Chain Collaborative Enterprise Selection Evaluation of Manufacturing Enterprises Based on Extension Theory	LI Zhong-quan
114 Study on Community Micro Vegetable Market Location	ZHONG Ya-jie, <i>et al.</i>

FUNCTION CARRIER INNOVATION

116 Crack Control Technology of Thin-wall Concrete Channel Girder	FANG Xiang-chun
119 Modification of Soil Constitutive Model in Finite Element Analysis of Foundation Pit Excavation	ZHANG Duan-yang, <i>et al.</i>
122 Kinematics Analysis and Trajectory Planning of Welding Robot	TANG Jian
125 Finite Element Analysis of Precast Pipe-pile of Reinforced Concrete in Composite Ground Treatment	LI Wei, <i>et al.</i>
127 Influence of Deck Arch Bridge Transverse Connection on Mechanical Performance of Structure	HUANG Shuo, <i>et al.</i>
129 On the Instant Treatment Technology of Bored Pile Head	YANG Gang
131 Experimental Verification of EAS Sprinkler System Flow Rate in Nuclear Power Plant	GUO Wu-sheng, <i>et al.</i>
133 Application of Aluminum Alloy Template in Super High-rise Building Construction	JIN Jian-qing
136 Design of Steel Truss Beam Assembly Temporary Support	CHEN En-feng
139 Seismic Damage Analysis and Design Method of Residential Buildings	WU Kun-lu, <i>et al.</i>
141 Analysis and Solution to Causes of Oil Leakage Failure Mode in Disc Brake	BAI Sha, <i>et al.</i>
143 Cause Analysis and Countermeasures of Shield Tunnel Pipe Float-up	ZHANG Zhi-yong
145 Operation Control of Flash Welding in Special Section of Subway	ZHAO Hong-tao
147 Demonstration and Construction Technology for Improvement Scheme of Roadbed Expansive Soil with Lime	ZHANG Shi-yu, <i>et al.</i>
149 Construction Technology of 0# Block of Songjiatun Large-span Bridge in Harbin-Dalian Passenger Dedicated Railway	WANG Zhi-gang
151 Support and Monitoring Technique of Weak Rock Stratum	MENG Lei
154 Analysis of Mine-flooding Accident Caused by Water-burst and Grouting for Stopping up Water in Zhaojunpu Coal Mine	FENG Jin-wen
156 Study on Muck Improvement Technology of Shielding Construction in Complicated Stratum	SONG Li-ping
158 Precision Detection and Analysis of CNC Machine Tools with Renishaw Ballbar	ZHAO Yan-ni

VALUE APPLICATION

160 Research Progress on Antifungal Activity of Lactic Acid Bacteria in Sourdough	ZHANG Wei, <i>et al.</i>
162 Consumption Concept of College Students under the Campus Net Loan Chaos	ZHOU Shu-yun, <i>et al.</i>
164 Feasibility Analysis of UAV Low-altitude Photogrammetry in Area Calculation	LI Ke, <i>et al.</i>
166 Image Weighted Median Filtering for High-voltage Scene Distance Measurement	BAI Wen-hao, <i>et al.</i>
169 The Research of Course Teaching on the Complex Variable Function and Integral Transformation	CHI Jian-cheng
170 Study on the Period of Innovation Investment in Hi-tech Parks	CHU Rui, <i>et al.</i>
172 On the Landscape Design of Parent-child Paradise	PENG Jing

174 Research on the Application of Flipped Classroom in Computer Basics Course	WANG Jun-fei, <i>et al.</i>
177 Research on the Shared Bicycle Positioning Mode Based on Vehicle GPS Location Technology	BAO Xing-an
179 Recycling of Old Waste Materials Used in Asphalt Pavement Maintenance	WANG Jian-lin
181 On the Application of Related Technology of Computer Software Testing	ZHAI Yan
183 Research on the Method and Path of Career Planning Based on Freshman	JIANG Xiao-chuan, <i>et al.</i>
185 Analysis of the Effect of Yiban Platform on the Class Management of Contemporary College Students	ZHI Yu
187 Study on the Application Practice of Municipal Roads Asphalt Pavement Joints Construction Technology	GUO Jian-fei
189 SOHO-style Entrepreneurship: A New Path for College Students to Participate in Cultural and Creative Industries	YI Qiao-qiao
191 Application of Ventilation and Dehumidification System Reform Design in Underground Engineering	LIU Xiong
193 Analysis of Optimization of Landscaping Construction Scheme	HUANG Rao
195 Study on Improving Vocational Ability of Hotel Management Students in Practice	LIU Cui-ping
197 Design and Practice of Building Automated Power Distribution System	NIU Mei-ying, <i>et al.</i>
199 Construction of Practice Patterns of Higher Vocational Electricity Specialty Based on Students' Ability Development	ZHANG Xiu-hua, <i>et al.</i>
201 Enhancing Young Doctors' Teaching Ability by Self-improvement and External Guidance	WANG Wei, <i>et al.</i>
203 Research on the Influencing Factors of Concession Pricing of PPP Sewage Treatment Project Based on Factor Analysis	ZHU Hai-bo, <i>et al.</i>
205 Research on Automobile Consumer Behavior in Big Data Environment	ZHOU Xun, <i>et al.</i>
207 Study on Micro-inclusions Behavior of 1215 Free-Cutting Steel	MA Yan-jie, <i>et al.</i>
209 Strategy Analysis on Improving Competitiveness of Private Colleges and Universities in the Transitional Period	SUN Xiao-mei
212 Development Status and Prospect of BIM Technology	ZHANG Meng-qi, <i>et al.</i>
214 Analysis and Research on the Concept of Environmental Design in Northern European University Library	YANG Shuai
216 Analysis on the Thickness of Floating Mud in Huarun Wenzhou Channel and Hong Kong Basin Maintenance Dredging Project during Typhoon	SHOU Ze-yi, <i>et al.</i>
218 Application of Hydrogen Sulfide Control Measures in Tunnel Construction	PENG Wan-ping
220 Discussion on Electrical Instrument Installation	MENG Li, <i>et al.</i>
221 On Improvement of Drawing Reading Ability through Project Training	WU Gui-hong
223 Exploration and Practice of Deepening the Actual Combat Training for the Elementary Qualified Officers	YE Wen, <i>et al.</i>
225 Research on Mathematical Modeling Contest in Independent College	XING Gang, <i>et al.</i>
227 Exploring the Variation of Electric Business Platform Rules in Operation from the Perspective of Law Sociology	ZHANG Hui
228 Discussion and Application of Water Prevention and Control Technology in Tunneling with Complex Water Conditions	ZHANG Yu-song, <i>et al.</i>

IE

230 Research on Dining Process Optimization of Canteen Based on Industrial Engineering	CHEN Kun, <i>et al.</i>
--	-------------------------

THEORETICAL REVIEW

232 The Predicament and Breakthrough of Nonprofit Organizations	DAI Xin
234 Analysis on the Possible Impact of FED's Shrinking Table on China's Economy	CHEN Yi-qun, <i>et al.</i>
236 Current Situation and Countermeasures of Curriculum Resources in Bilingual Basic Education in Xinjiang	QIU Gang, <i>et al.</i>
239 The Influence of the New Generation of Migrant Workers' Work-family Conflict on Job Satisfaction	FAN Juan-juan
242 Review of Online Public Opinion Dissemination	YANG Yi-fan
244 The Reference of Japanese Competitive Intelligence to Chinese Enterprises	WANG Li-ying

COMPREHENSION

246 Construction of "Applied" Urban and Rural Planning Professional Design Course System	JI Yan-ning, <i>et al.</i>
249 On Class Management Methods for Secondary Vocational School Head Teacher	ZHAO Dan
250 Exploration and Application of "Teaching-learning-doing" Integration Mode in "Engineering Training"	SONG Ying-chao, <i>et al.</i>
252 Study on the Course Construction of "Water Analytical Chemistry" Combining Production-Teaching Integration	DONG Ru, <i>et al.</i>
253 Case Analysis in Engineering Master's Course of Cleaner Production	ZHANG Cheng-long, <i>et al.</i>
255 On the Developing Form of the Culture-rooted Construction of Traditional Industrial Enterprise	HE Xiao-dong
257 Study on the Construction of Chemical Equipment Course under the Mode of "Combination of Production and Education"	WANG Zhan-hui, <i>et al.</i>
258 Curriculum Reform of "Pharmaceutical Equipment and Workshop Design" under Professional Certification	LIANG Xu-hua, <i>et al.</i>