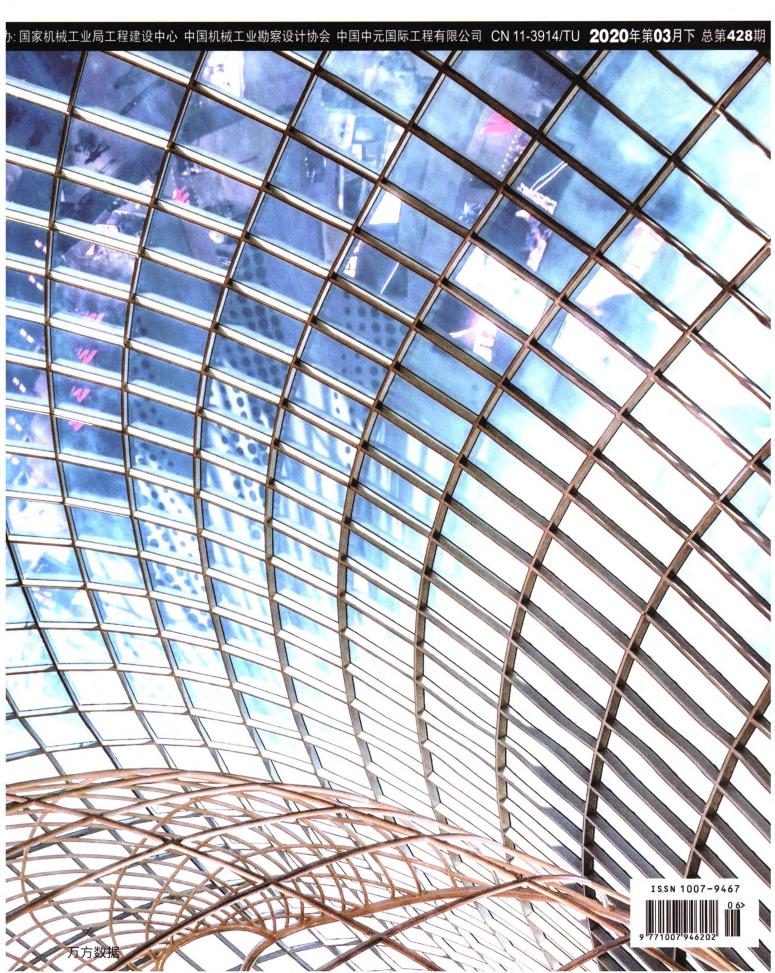




工程建设与设计



2020 / 03 / 目次

建筑与结构设计

C

- 1 试析框剪结构高层住宅楼板裂缝的原因及防治(肖亚栋)
- **3** 基于一维自由场分析对洞桩法车站进行反应位移法及时程分析法抗 震计算(韩涛)
- 5 房屋建筑结构优化设计研究(张瑞)
- 7 地铁车站建筑设计中的防火安全问题(白云霄)
- 9 高烈度地震区超大跨度连续刚构线型控制技术(李贵阳)
- 11 老厂区建筑改造设计导则初探(谢旭峰)
- 13 工业遗产改造与更新要点(任向鹏,何鑫)
- 15 广东园林住宅室内热环境改善设计的普适性原理探讨(李学思)
- 17 绿色建筑设计的原则与目标初探(林碧瀛)
- 19 建筑机械防排烟设计施工疑难点解析(王彦斌)
- 22 传统村落景观空间的活化设计研究(何力)

基础工程设计

- 24 静力触探技术在工程地质勘察中的应用(顾平,张程程,曹风旭)
- 26 深基坑工程岩土勘察的重点探究(孔涛)
- 28 岩十工程施工技术中的难点与对策研究(刘兆成)
- 30 如何加强地质灾害治理施工的质量控制(张广鲁)
- 32 地质灾害治理工程质量及安全管理措施解读(薛保华,孟祥科)
- 34 岩土工程施工中的深基坑支护问题(杨颖)
- **36** CFG桩复合地基承载力试验施设位置分析(姚利兵)
- 38 哈萨克斯坦阿特劳地区勘探开发分析(韩东升)
- 40 工程地质勘察中水文地质问题的危害探讨(张程程,顾平,曹风旭)
- **42** 建筑工程桩端旋喷扩大截面法补强提高单桩承载力 (瞿杨,王彦文,徐锋,强洪庆)
- 45 深基坑支护及开挖(周博)

公用工程设计

- 47 室外照明控制技术研究(梁双)
- 49 生物质燃料锅炉供暖系统(陈锐,施宇红,康莉,陈瑞志)
- 51 暖通设计中绿色节能技术的应用分析(杜瑞环)
- **53** 热源厂5×116MW燃气锅炉燃气供气系统的设计探讨(杨连杰)
- 55 人防审查电气专业规范的选用(史吉慰)

市政·交通·水利工程设计

- 57 城市道路设计中的新型雨洪控制利用技术(孙煜)
- 59 综合管廊对排水管网建设的影响(梁亚东)

- 61 公路工程路基路面病害及防治措施(张文川,朱莉亚)
- 63 埃塞俄比亚德赛旧路改造工程项目路基边坡处理技术研究(张建春)
- 65 道路边坡快速复绿技术方法(叶宇)
- **67** 探讨整体性分析思维在城市道路设计中的运用 (蔡伟红)
- 69 高速铁路客运专线路基填筑连续压实控制技术分析(吴新春)
- 71 公路改建工程的技术探讨(宗秀双)
- 73 公路路线选线原则及设计要点分析(宋家绅)
- **75** 集通高速公路特长五女峰隧道LED特殊景观带细化设计及设备选型 (王军静)
- 77 绿色理念在公路桥梁施工过程中的应用分析(唐静思)
- 79 城市地铁长枕式无砟轨道直铺法施工工艺 (张文军, 史炳峰, 陈建, 张学超)
- 82 中承式提篮拱桥体系转换加固技术研究(李刚,韩东)
- 84 我国铁路信号工程技术施工管理(白照锋)
- 86 大跨径桥梁工程主梁浇筑施工监控方案研究(都海伦,马雪林)
- 88 地铁牵引供电系统的可靠性(陈哲)
- 90 桥梁现浇盖梁抱箍模板体系设计与施工浅析(刘成彬)
- 92 黄土隧道施工过程中的沉降变形控制(李智)
- 94 绝对位移测量在隧道监控量测中的应用(蒋晖光)
- 98 高墩连续梁0#块新型托架设计及运用(王奎)
- 100 高速公路改扩建工程路基搭接技术研究(王月臣,刘伟)
- 102 探地雷达检测高速公路隐伏空洞方法研究(仲丛明,薛永军)
- 105 高速公路桥梁养护管理对策分析(孟宪坤)
- 107 公路边坡防护与治理措施简析(王龙)
- 109 地铁盾构管片加工质量控制与检验探索(车智伟)
- **111** BIM、物联网、云计算在地铁机电设备运维管理中的应用 (张春杰,张硕桐)
- 113 混凝土收缩徐变对钢混组合梁桥的影响(侯帆)
- 116 山区铁路弃渣场选址及生态恢复研究(李伟立)
- 118 等截面连续梁桥动力特性解析计算方法研究(郑玉平)
- 120 新时期道路交通经济发展的重要途径(田立向)
- 122 引水隧洞施工中遇不良地质段的处理措施分析(孟令滨)
- 124 普速铁路电气化改造接触网悬挂技术研究(裴双飞)
- 126 水利工程水土保持中生态修复技术的应用研究(何丽霞)
- 128 水利工程中小型水库除险加固设计的相关研究(杨建华)
- 130 丰乐灌区北干渠灌溉工程管理(吴华斌)
- 132 昌吉市三工镇饮水安全巩固提升工程建设的必要性分析(张成)

2020 03 目次

工业工程设计

- 134 石油化工行业自动化仪表故障处理分析(侯晓风)
- 136 出口哈萨克斯坦油田注汽锅炉对流管板加工工艺研究(白云冰)
- 138 机械设计制造的数字化与智能化发展研究(白金建)
- **140** 焊接机器人在侧架支撑座焊接中的应用分析 (吴传利,郝君,李强,朱相磊)
- 142 一种基于PC预制生产线的焊接主机开发(徐鑫, 裴娟苗, 许富青)
- 144 潮湿路表条件下轮胎噪声的模拟方法(潘杰)
- 146 探析承压容器焊接接头残余应力测试(董强)
- 148 电梯限速器常见问题及校验技术创新(谭凯,徐义)

工程施工技术

- 150 道路桥梁过渡段的施工技术应用解析(周伟谦)
- 152 建筑工程施工中软土地基处理的相关研究(李萍,王龙)
- 154 冷冻法联络通道施工风险因素探究(赵恩旺)
- 156 谈高层住宅外墙保温施工常见问题及对策(史敬博)
- **158** DDC法成孔工艺灰土挤密桩及施工质量控制重点研究(尹竹祥)
- 161 市政工程深基坑施工工艺及质量控制研究(荆瑞珍)
- 163 公路下穿铁路顶进桥施工技术要点(王术森)
- 165 电力送电线路架设工程施工技术的相关研究(郑文)
- 167 建筑工程混凝土施工处理关键技术分析(郝甲森,霍文涛,韩荣林)
- 169 我国道路桥梁施工技术现状及发展趋势(马世瑞)
- 171 市政道路桥梁施工中现场施工技术的应用分析(冯国良)
- 173 卵石层区域承台混凝土围堰施工关键技术及应用(周川)
- 175 地铁车站围护结构施工中的钻孔灌注桩施工技术(胥斌)
- 177 非洲喀麦隆KM工程项目钢-混叠合梁施工质量控制措施(王振杰)
- 179 顶管施工技术在市政给排水施工中的应用探究(曲伟鹏)
- 181 预应力混凝土竹节桩设计及承载力性能研究(刘克昭)
- 183 净水厂施工建设问题及对应处理分析(孟健)
- 185 隧道盾构施工技术发展趋势和应用研究(张德君)
- 187 高速公路路基沉降及施工技术分析(梁玮玮)
- 189 盾构掘进施工始发及接收过程中安全风险及控制措施分析(唐勇)
- 191 试析现浇箱梁暨预制箱梁施工关键技术(谢强)
- 193 粘贴钢板加固桥梁的施工特点分析(李乐)
- 195 挂篮悬浇施工标准化、精益化及信息化管理(王贺)
- 198 挂篮悬臂浇筑拱桥拱圈节段施工工艺研究(杨林)
- 200 沥青路面平整度车载式颠簸累积检测法及施工控制措施(郝利锁)
- 202 刍议公路施工养护技术管理及防治措施(鲁春峰)
- 204 市政沥青路面施工技术及常见问题分析(侯伟辉)

- 206 预应力混凝土耐久性的影响因素及优化措施(解嵩)
- 208 地道工程关键施工技术研究(马朋朋)
- 210 市政路桥施工技术与质量控制措施探析(陈鹏)
- 212 跨既有线桥梁转体施工控制要点分析(何宁)

工程项目管理

- 214 代建制下的项目前期管理模式探讨(罗杰,朱飞强)
- 216 建设工程项目合同管理及风险防范研究(陈升荣)
- 218 无锡会展中心一期厚钢板焊接质量控制(佘远健)
- 221 现代化水利工程施工管理对策分析(刘宝亮)
- 223 新时代水利管理人才队伍建设(毕健全)
- 225 成本管理在铁路信息专业中的应用(马宇航)
- 227 REITs在基础设施PPP项目中的应用初探(宋程)
- 229 桥梁施工组织设计及其施工管控策略分析(王坤)
- 231 建筑工程管理及工程施工质量的有效控制探究(陈壮壮)
- 233 地铁工程施工的安全管控方法及措施研究(贾小龙)
- 235 大学生宿舍建设工程造价管理探析(李军)
- 237 全过程工程造价管理在工程经济管理中应用(宋娜娜)
- 239 土建施工管理中存在的问题与对策(吕文彬)
- 241 市政工程施工现场管理存在的问题与对策(赵文辉)
- 243 工程项目投标报价影响因素与相关策略分析(鲁斌)
- 245 提高市政道路工程质量的措施(马海军)
- 247 "一带一路"倡议下海外项目管理面临的挑战及建议(宋冰)
- 249 水利工程管理及养护问题探讨(付伟)
- 251 工程造价的动态管理与控制分析(白永莉)

智能与信息化

- 254 试析无人机倾斜摄影技术支持下的三维实景建模(汪本荣)
- 256 高速公路工程建设中对BIM技术的应用实践(佘君)
- 259 智能建筑中电气工程及其自动化技术的应用研究(王勇)
- 261 大数据在国土空间规划领域的应用分析(窦志云)
- **263** BIM 技术在国内建设项目中的应用研究和分析(史少英, 王伟君)
- 267 摄影测量与遥感技术在工程测量中的应用(杨磊)
- 269 无人机测绘数据处理关键技术及应用的相关分析(王璟)
- 271 倾斜摄影测量技术在不动产测绘中的应用策略(游芳)
- 273 智能化技术在市政交通工程自动化控制中的应用(吴良骏)
- **275** 基于BIM技术的建筑施工安全管理探索(任禹州)
- 277 智能技术在电力自动化中的应用研究(刘爽)
- 279 BIM技术在道路设计中的应用分析(张渝)

2020 / 03 / CONTENTS

Architectural and Structural Design

- 1 Analysis of the Causes and Prevention of Floor Cracks in High-Rise Residential Buildings with Frame-Shear Structure(XIAO Ya-dong)
- 3 Seismic Calculation of Tunnel Pile Station by the Method of Reaction Displacement and Time History Analysis Based on One-Dimensional Free Field Analysis(HAN Tao)
- 5 Research on Optimization Design of Building Structure(ZHANG Rui)
- 7 Fire Safety Problems in the Architectural Design of Metro Station (BAI Yun-xiao)
- 9 Linear Control Technology of Large Span Continuous Rigid Frame in High Intensity Seismic Area(LI Gui-yang)
- 11 Discussion on the Design Guidelines for the Reconstruction of Old Factory Buildings(XIE Xu-feng)
- 13 Key Points of Transformation and Renewal of Industrial Heritage (REN Xiang-peng, HE Xin)
- 15 Discussion on the Universality Principle of Indoor Thermal Environment Improvement Design in Guangdong Garden Residences(LI Xue-si)
- 17 Preliminary Study on the Principles and Objectives of Green Building Design (LIN Bi-ying)
- 19 Analysis of the Design and Construction Difficult Points of Building Machinery Smoke Prevention(WANG Yan-bin)
- 22 Research on the Activation Design of Traditional Village Landscape Space (HE Li)

Engineering Design of the Ground

- 24 The Application of Static Contact Technique in Engineering Geological Prospecting(GU Ping, ZHANG Cheng-cheng, CAO Feng-xu)
- 26 Key Research of Geotechnical Investigation of Deep Foundation Pit Engineering(KONG Tao)
- 28 Research on Difficulties and Countermeasures of Geotechnical Engineering Construction Technology(LIU Zhao-cheng)
- 30 How to Strengthen the Quality Control of Geological Hazard Control Construction(ZHANG Guang-lu)
- 32 Interpretation of Quality and Safety Management Measures for Geological Hazard Control Project(XUE Bao-hua, MENG Xiang-ke)
- 34 Problems of Deep Foundation Pit Support in Geotechnical Engineering Construction(YANG Ying)
- **36** Discussion on the Location of Loading Test of CFG Pile Composite Foundation(YAO Li-bing)
- 38 Analysis of the Exploration and Development in the Atyrau Region of Kazakhsta(HAN Dong-sheng)
- 40 Discussion on the Harm of Hydrogeological Problems in Engineering Geological Prospecting(ZHANG Cheng-cheng, GU Ping, CAO Feng-xu)
- 42 Using Pile-End Rotary Jet Expanded Section Method to Improve the Bearing Capacity of Construction Single Pile (QU Yang, WANG Yan-wen, XU Feng, QIANG Hong-qing)
- 45 Deep Foundation Pit Support and Excavation(ZHOU Bo)

Public Utilities Design

- 47 Research on Outdoor Lighting Control Technology(LIANG Shuang)
- 49 Heating System of Biomass Fuel Boiler(CHEN Rui, SHI Yu-hong, KANG Li, CHEN Rui-zhi)
- 51 Application Analysis of Green Energy-Saving Technology in HVAC Design (DU Rui-huan)
- 53 Discussion on Design of Gas Supply System for 5 x 116MW Gas Boiler in a Heat Source Plant(YANG Lian-jie)
- 55 The Selection of Professional Codes for Civil Air Defense Review(SHI Ji-wei)

Municipal · Traffic · Water Resources Engineering Design

- 57 New Technology of Flood Control and Utilization in Urban Road Design(SUN Yu)
- 59 The Influence of Comprehensive Pipe Gallery on the Design of Drainage Pipe Network(LIANG Ya-dong)
- 61 Diseases and Prevention Measures of Subgrade and Pavement of Highway Engineering(ZHANG Wen-chuan, ZHU Li-ya)
- 63 Study on the Treatment Technology of Subgrade Slope of Desai Old Road Reconstruction Project in Ethiopia(ZHANG Jian-chun)
- 65 Technical Method of Rapid Regreening of Road Slopes(YE Yu)
- 67 Discussion on the Application of Integrated Analysis Thinking in Urban Road

- Design(CAI Wei-hong)
- 69 Analysis of Continuous Compaction Control Technology of Subgrade Filling for High-Speed Railway Passenger Dedicated Line(WU Xin-chun)
- 71 Technical Discussion on Highway Reconstruction Project(ZONG Xiu-shuang)
- 73 Analysis on the Principle of Route Selection and Key Points of Highway Design(SONG Jia-shen)
- 75 LED Special Landscape Strip Refinement Design and Equipment Selection of Wunvfeng Extra-Long Tunnel of JiTong Expressway(WANG Jun-jing)
- 77 Application Analysis of Highway Bridge Construction Technology Based on Green Concept(TANG Jing-si)
- 79 Construction Technology of Direct Laying Method for Long Sleeper Ballastless Track of Urban Subway(ZHANG Wen-jun, SHI Bing-feng, CHEN Jian, ZHANG Xue-chao)
- 82 Study on the Technology of the Transformation and Strengthening of Middle-Bearing Type Basket Arch Bridge System(LI Gang, HAN Dong)
- 84 Construction Management of Railway Signal Engineering Technology in China (BAI Zhao-feng)
- 86 Study on Construction Monitoring Scheme of Main Girder Pouring of Long-Span Bridge Project(DU Hai-lun, MA Xue-lin)
- 88 Reliability of Traction Power Supply System of Subway(CHEN Zhe)
- 90 Analysis of the Design and Construction of the Hold Hoop Formwork System for Cast-in-Place Capping Beam of Bridges(LIU Cheng-bin)
- 92 Controlling the Settlement and Deformation During the Construction of Loess Tunnels(LI Zhi)
- 94 The Application of Absolute Displacement Measurement in Tunnel Monitoring and Measurement(JIANG Hui-guang)
- 98 The Design and Application of New Bracket for High Pier Continuous Beam No.0 Block(WANG Kui)
- 100 Study on the Subgrade Overlap Technology of Highway Reconstruction and Expansion Project(WANG Yue-chen, LIU Wei)
- 102 Study on the Method of Detecting the Hidden Hole of the Expressway by Ground Penetrating Radar(ZHONG Cong-ming, XUE Yong-jun)
- 105 Analysis of Countermeasures for Highway Bridge Maintenance Management(MENG Xian-kun)
- 107 Brief Analysis of Highway Slope Protection and Treatment Measures (WANG Long)
- 109 Exploration on the Processing Quality Control and Inspection of Metro Shield Segment(CHE Zhi-wei)
- 111 The Application of BIM, Internet of Things and Cloud Computing in the Operation and Maintenance Management of Subway Electromechanical Equipment(ZHANG Chun-jie, ZHANG Shuo-tong)
- 113 The Effect of Concrete Shrinkage Creep on Steel Concrete Composite Girder Bridge(HOU Fan)
- 116 Study on Site Selection of Railway Waste Site in Mountainou Areas and the Ecological Restoration(LI Wei-li)
- 118 Analytic Calculating Methods of Dynamic Characteristics for Continuous Beam Bridge with Uniform Section(ZHENG Yu-ping)
- 120 An Important Approach to the Economic Development of Road Traffic in the New Period(TIAN Li-xiang)
- 122 Analysis on Treatment Measures of Bad Geological Section in the Construction of Diversion Tunnel(MENG Ling-bin)
- 124 Study on the Technology of Catenary Suspension in Electrification and Transformation of General Speed Railway(PEl Shuang-fei)
- 126 Research on the Application of Ecological Restoration Technology in Soil and Water Conservation in Water Conservancy Projects(HE Li-xia)
- 128 Study on Reinforcement Design of Small and Medium-Sized Reservoirs in Water Conservancy Project(YANG Jian-hua)
- 130 Irrigation Project Management of the North Main Canal in Fengle Irrigation District(WU Hua-bin)
- 132 Analysis on the Necessity of the Construction of Water Safety Consolidation and Upgrading Project in Sangong Town of Changji City(ZHANG Cheng)

Industrial Engineering Design

- 134 Fault Treatment and Analysis of Automation Instrument in Petrochemical Industry(HOU Xiao-feng)
- 136 Study on the Processing Technology of Convective Tube Plate for Steam Injection Boiler Exported to Kazakhstan(BAI Yun-bing)
- 138 Research on Digitalization and Intelligentization of Mechanical Design and

2020 103 1 CONTENTS

- Manufacturing(BAI Jin-jian)
- 140 Application Analysis of Welding Robot in the Welding of Side Frame Support Seat(WU Chuan-li, HAO Jun, Ll Qiang, ZHU Xiang-lei)
- 142 Development of a Welding Host Based on PC Prefabricated Production Line (XU Xin, PEI Juan-miao, XU Fu-qing)
- 144 The Simulation Method of Tire Noise Under Wet Road Condition(PAN Jie)
- 146 Analysis on the Residual Stress Test of Welded Joint of Pressure–Bearing Container(DONG Qiang)
- 148 The Common Problems of Elevator Speed Limiter and Calibration Technology Innovation(TAN Kai, XU Yi)

Construction Technology

- 150 Application Analysis of Construction Technology of Transition Section of Road and Bridge(ZHOU Wei-qian)
- 152 Research on Soft Soil Foundation Treatment in Construction Engineering (LI Ping, WANG Long)
- 154 Study on the Risk Factors of Connection Channel by Freezing Construction Method(ZHAO En-wang)
- 156 Discussion on the Common Problems and Countermeasures of Exterior Wall Thermal Insulation Construction of High–Rise Residential Buildings(SHI Jing–bo)
- 158 Research on Key Points of Construction Quality Control of Lime-Soil Compaction Pile with DDC Hole Forming Process(YIN Zhu-xiang)
- 161 Study on the Construction Technology and Quality Control of Deep Foundation Pit of Municipal Engineering(JING Rui-zhen)
- 163 Construction Technology Key Points of Highway Undercrossing Railway Jacking Bridge(WANG Shu-sen)
- 165 Research on the Construction Technology of Power Transmission Line Erection Project(ZHENG Wen)
- 167 Discussion on Key Technology of Concrete Construction Treatment in Construction Engineering(HAO Jia-sen, HUO Wen-tao, HAN Rong-lin)
- 169 Current Situation and Development Trend of Construction Technology of Road and Bridge in China(MA Shi-rui)
- 171 The Application Analysis of Field Construction Technology in Municipal Road and Bridge Construction(FENG Guo-Jiang)
- 173 Key Construction Technology of Concrete Cofferdam Construction of Platform in Pebble Layer Area and Its Application(ZHOU Chuan)
- 175 Construction Technology of Bored Pile in the Construction of Enclosure Structure of Subway Station(XU Bin)
- 177 Construction Quality Control Measures for Steel-Concrete Composite Beams of Cameroon KM Project in Africa(WANG Zhen-jie)
- 179 Application Research of Pipe Jacking Technology in Municipal Water Supply and Drainage Construction(QU Wei-peng)
- 181 Study on the Design and Carrying Capacity of Prestressed Concrete Bamboo Piles (LIU Ke-zhao)
- 183 Analysis of Construction Problems of Water Purification Plant and the Corresponding Treatment(MENG Jian)
- 185 Research on the Development Trend and Application of Tunnel Shield Construction Technology(ZHANG De-jun)
- 187 Analysis of the Settlement and Construction Technology of Expressway Subgrade(LIANG Wei-wei)
- 189 Analysis of Safety Risk and Control Measures in the Starting and Receiving Process of Shield Driving(TANG Yong)
- 191 Analysis on the Key Technology of Cast-in-Place Box Girder and Prefabricated Box Girder Construction(XIE Qiang)
- 193 Analysis of the Construction Characteristics of the Reinforced Bridge of the Pasting Steel Plate(LLLe)
- 195 The Standardization, Lean and Information Management of the Hanging and Pouring Construction of the Hanging Basket(WANG He)
- 198 Study on the Construction Technology of the Arch Ring Segment of the Cantilever Pouring Arch Bridge(YANG Lin)
- 200 Vehicular Bump Accumulation Test for Flatness of Asphalt Pavemen and the Construction Control Measures(HAO Li-suo)
- 202 Discussion on the Technical Management and Control Measures of Highway Construction and Maintenance(LU Chun-feng)
- 204 Construction Technology of Municipal Asphalt Pavement and the Common Problems Analysis(HOU Wei-hui)
- 206 The Influence Factors and Optimization Measures of the Durability of Prestressed

- Concrete(XIE Song)
- 208 Research on Key Construction Technology of Tunnel Engineering (MA Peng-peng)
- 210 Discussion on the Construction Technology and Quality Control Measures of Municipal Roads and Bridges(CHEN Peng)
- 212 Analysis of the Rotating Construction Key Points of Bridge Crossing Existing Railway(HE Ning)

Project Management

- 214 Discussion on Pre-Project Management Mode Under Agent Construction System(LUO Jie, ZHU Fei-qiang)
- 216 Study on Contract Management and Risk Prevention of Construction Project (CHEN Sheng-rong)
- 218 Welding Quality Control of Thick Steel Plate of the First Phase of Wuxi Convention and Exhibition Center(SHE Yuan-jian)
- 221 Analysis on Countermeasures of Construction Management of Modern Water Conservancy Project(LIU Bao-liang)
- 223 Construction of Water Management Talents Team in New Era(BI Jian-quan)
- 225 The Application of Cost Management in Railway Information Specialty (MA Yu-hang)
- 227 Preliminary Study on the Application of REITs in PPP Project of Infrastructure (SONG Cheng)
- 229 Analysis of Construction Organization Design and Construction Control Strategy of Bridge(WANG Kun)
- 231 Research on the Effective Control of Construction Quality and Construction Management(CHEN Zhuang-zhuang)
- 233 Study on the Safety Control Methods and Measures of Subway Construction (JIA Xiao-long)
- 235 Analysis of the Construction Cost Management of College Students' Dormitory(LI Jun)
- 237 Discussion on the Application of Whole Process Engineering Cost

 Management in the Engineering Economic Management(SONG Na-na)
- 239 Problems and Countermeasures in Civil Construction Management(LV Wen-bin)
- 241 Problems and Countermeasures of Site Management of Municipal Engineering Construction(ZHAO Wen-hui)
- 243 Analysis on Influencing Factors and Related Strategies of Engineering Project Bidding Quotation(LU Bin)
- 245 Measures to Improve the Quality of Municipal Road Engineering(MA Hai-jun)
- 247 Challenges and Recommendations for Overseas Project Management Under the Belt and Road Initiative(SONG Bing)
- 249 Discussion on the Hydraulic Engineering Management and Maintenance(FU Wei)
- 251 Dynamic Management and Control Analysis of Project Cost(BAI Yong-li)

Intelligentialize and Informatization

- 254 Analysis of 3D Real-World Modeling Supported by UAV Tilting Photography Technology(WANG Ben-rong)
- 256 Application Practice of BIM Technology in Expressway Construction (SHE Jun)
- 259 Application Research of Electrical Engineering and Automation Technology in Intelligent Building(WANG Yong)
- 261 Application Analysis of Big Data in the Field of Territorial Space Planning (DOU Zhi-vun)
- 263 Research and Analysis of the Application of BIM Technology in the Domestic Construction Projects(SHI Shao-ying, WANG Wei-jun)
- 267 The Application of Photogrammetry and Remote Sensing Technology in Engineering Surveying(YANG Lei)
- 269 Analysis of Key Technologies of UAV Data Processing and Its Application (WANG Jing)
- 271 Application Strategy of Tilting Photogrammetry Technology in Real Estate Surveying and Mapping(YOU Fang)
- 273 The Application of Intelligent Technology in Automatic Control of Municipal Traffic Engineering(WU Liang-jun)
- 275 Exploration of Building Construction Safety Management Based on BIM Technology(REN Yu-zhou)
- 277 Research on the Application of Intelligent Technology in Power Automation (LIU Shuang)
- 279 Application Analysis of BIM Technology in Road Design(ZHANG Yu)

