

2018年 / 5
第12卷 / 总第71期

IB 智能建筑 电气技术

Electrical Technology of Intelligent Buildings

主管：中国建设科技有限公司 主办：亚太建设科技信息研究院有限公司

湖北省勘察设计协会
中信建筑设计研究总院有限公司
湖北省勘察设计协会建筑电气设计分会

专刊

IBE 智能建筑电气技术

湖北省勘察设计协会建筑电气设计分会专刊

2018年05期 第12卷 总第71期



ISSN 1729-1275 CN 11-5589/TU



10



万方数据

湖北省勘察设计协会建筑电气设计分会 专刊

[1]	序 Preface	
[3]	作者简介 Authors Bio	
供 配 电		Power Supply and Distribution
[6]	第七届世界军运会主场馆电气设计关键技术探讨 Overview on the Key Technology of Electrical Design for the Seventh Military World Games Stadium	李蔚 冯晓良
[13]	多业态大型商业综合体高压供电方案探讨 Discussion on High-voltage Power Supply Scheme of Multi-industry Commercial Complex Building	张宽 刘敏 周东
[18]	低压交流断路器分断能力的选择 Selection of Breaking Capacity for Low Voltage AC Circuit Breakers	张元
[20]	几内亚西芒杜矿山铁路供电方案设计 Design of electric power supply scheme of Guinea Simandou Iron Ore Railway	刘彬彬
[24]	初谈柔性直流输电技术的原理与应用 Discussion on the Principle and Application of Flexible DC Transmission Technology	郑梦迪 夏梦
[27]	国标图集中排水泵控制电路的改进措施 Improvement Measures of Centralized Drainage Pump Control Circuit in GB Chart	胡克成
[31]	铁路站房改扩建过渡阶段电气设计要点 Key Points of Electrical Design During the Transitional Stage of Railway Station Reconstruction	杨智
照明系统		Lighting System
[35]	城市道路照明及户外用电设施安全风险分析及防范 Safety Risk Analysis and Prevention of Urban Road Lighting and Outdoor Power Facilities	刘志华 罗新
[40]	历史文化街区夜景照明规划与实施 Planning and Implementation of Nightscape Lighting in Historical and Cultural Blocks	刘闵 喻辉 王潘波 赵凌
[46]	基于物联网技术的地下车库智能照明系统设计与应用 Design and Application of Underground Garage Intelligent Lighting Control System Based on Internet of Things Technology	铁静 李蔚
防雷与接地		Lightning Protection and Earthing
[51]	建筑物防雷设计中的防侧击问题探讨 Discussion on Anti Side Attack in Building Lightning Protection Design	陈车 常菲
[55]	三角形或梯形屋顶平面建筑物防雷等效面积计算 Equivalent Area Calculation of Lightning Protection for Plane Buildings with Triangular or Trapezoidal Roof	雷鸣 张志山

HUBEI PROVINCIAL SURVEY AND DESIGN ASSOCIATION BUILDING ELECTRICAL

Electric Energy Saving

电气节能

- 胡峻 电气节能设计应重视中性线过流问题 [57]
Problem of Neutral Line Overflow of Electrical Energy Saving Design
- 刘德祥 袁天 LED 照明谐波分析及其对配电设计的影响 [62]
Harmonic Analysis of LED Lighting and Its Influence on Power Distribution Design
- 冯涛 李蔚 白建光 能效管控一体化系统在大型铁路站房中的设计与应用 [65]
Design and Application of Energy Efficiency Management and Control Integrated System in Large Railway Station Building

Electrical Fire Fighting

电气消防

- 沈丹 李军 某航站楼火灾自动报警系统设计与施工小结 [71]
Summary of Design and Construction of Automatic Fire Alarm System for an Air Terminal
- 邹智慧 超高层建筑消防给水系统联动控制设计探讨 [77]
Fire Water-supply System Linkage Control Discussion of Super high-rise Building
- 李东旭 倪可乐 火灾自动报警系统中环形与树形总线形式优缺点探讨 [81]
Discussion on Advantages and Disadvantages of Ring Bus and Tree Bus in Automatic Fire Alarm System
- 朝新 刘杰 消防水泵工频巡检的一种设计思路 [85]
Design of Power Frequency Inspection for Fire Pumps

Intelligent System

智能化系统

- 赵剑明 李波 信息化系统在工业生产中的应用 [89]
Application of Information System in Industrial Production
- 蔡雄飞 喻辉 南超 特大型体育馆斗屏显示系统设计探讨 [92]
Discussion on Design of Center-hung Scoreboard System for Large Arena
- 熊慧 浅谈 B 级数据中心供电系统设计 [99]
Introduction of B-level Data Center Power Supply and Distribution system Design
- 王耀午 高速铁路车站设备综合监控系统研究 [104]
Study on Integrated Monitoring System for Equipment in High-speed Railway Station
- 熊光 刘子毅 大型会展中心无线 WiFi 覆盖系统设计探讨 [108]
Discussion on the Design of Wireless WiFi System in Conference and Exhibition Center
- 孙巍巍 王宁 基于数字化技术的智慧配电系统及其设计应用 [113]
Intelligent Power Distribution System and its Design Application based on Digital Technology

Index to Manufacturers

广告索引

[116]

Knowledge Corner

知识角

[116]