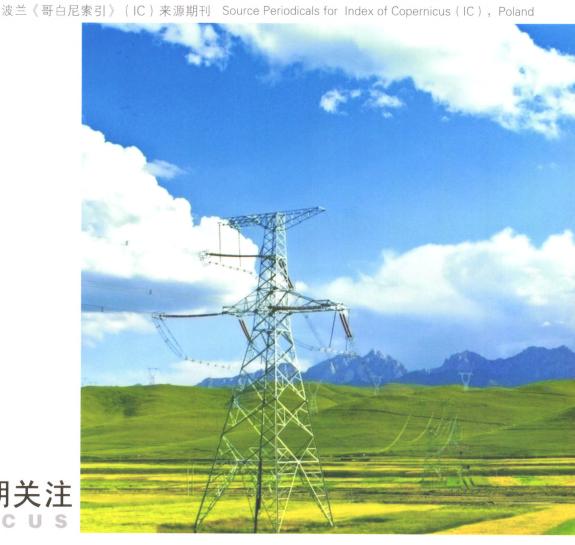
2015年第2期・第31卷・总第187期・月刊 2015 Vol.31 No. 2 (Ser.187) Monthly



中国科技核心期刊 China's Core Sci-Tech Journals

美国《乌利希期刊指南》收录期刊 Indexed by Ulrich's Periodicals Directory, United States



本期关注 FOCUS

□ 基于模糊神经网络模型的中国电力装备 制造产业安全评价研究

Safety Evaluation of China's Power Equipment Manufacturing Industrybased on Fuzzy Neural Network Model

ISSN 1674-3814

主管单位 主办单位

Authorities in Charge Sponsor 国家电网公司 陕西省电力公司 西安理工大学水电土木工程建筑研究设计院 State Grid Corporation of China Shaanxi Electric Power Corporation Design Academy of Water Conservancy Hydroelectric Civil Engin&ARCH of Xi'an University of Technology

2015

《电网与清洁能源》 2015年第2期·第31卷·总第187期·2月

智能电网

- 01 基于模糊神经网络模型的中国电力装备制造产业安全评价研究 / 杨林, 白玉慧, 全凤鸣, 王菲, 陈晓征
- 09 基于自适应反交错算法的大规模电力遥视系统的设计与开发/周强,汪宁渤,冉亮,沈琛云, 赵龙,沈荟云
- 16 基于小波分析改进的神经网络模型电力系统负荷预测/王玉龙,崔玉,李鹏,李锐
- 21 新旧杆塔技术规定对刚性法兰设计对比研究 / 陈怡甸,邓洪洲
- 28 基于自适应预处理的改进CPF-GMRES算法 / 郑浩,赵晋泉,门锟,尹建华,洪潮
- 33 舟山多端柔性直流输电工程综述/高强,林烨,黄立超,罗伟
- 39 省地县三级AVC系统协调控制及实现 / 杨晓雷, 金山红, 唐昕, 钱伟杰
- 43 220 kV变电站自动化系统直流高阻接地问题分析与处理 / 彭崑,王志华
- 48 两起补偿电容组谐波事件的原因分析/陈子辉,吴智影,刘勇浩,廖浩泉
- 52 配调一体配网自动化系统的设计与实现/张震
- 56 保护装置中小电流接地选线功能的分析 / 潘庆庆
- 59 矩方法在输电塔可靠度分析中的应用 / 王松涛, 吴海洋, 杨景胜, 冯衡
- 67 双回路单侧电缆T接直线杆引下方法的研究 / 于永洋, 赵晖, 谢涛
- 71 一种基于全闭环实时数字物理仿真的次同步振荡阻尼控制 / 卓华, 黄立, 侯小平
- 78 针对多分布式电源的孤网继电保护/许健,赵春雷,乔峰,周金辉,张雪松,吴恒
- 83 一种基于广义量测横向关联的统一建模方法 / 许爱东,李鹏,郭晓斌,陈波,蒋愈勇,周淑雄,徐延明,徐雪荣
- 87 基于高效能感应取电技术的无源视频监测系统的研究及应用/岳灵平,张浩,姜文东,张鹏
- 91 基于CYMDIST的配电网运行优化技术及算例分析 / 周鑫, 田兵, 许爱东, 张斌, 黄伟, 魏文潇, 于力, 董旭柱
- 98 基于功率平衡算法的NPC三电平变换器中点电压控制/肖鹏,赵宇,刘刚,孙健,张建

清洁能源

- 104 基于随机响应面法考虑随机变量相关性的概率潮流计算/郭小璇,龚仁喜,鲍海波
- 112 基于Excel的风机塔筒筒体展开计算/袁带英
- 116 含分布式小水电负荷建模/毛志祥,顾丹珍,潘艳红,钟宁,谭斌
- 121 新疆和田河关键节点目标下泄水量探析/秦胜英,黄领梅,蒋春宇
- 126 风电场接地变及其中性点接地电阻的改进方案分析/林峰,张兰英,吕庭钦,相里碧玉,江岳文
- 131 关于大中型水库移民后期扶持政策实施监测评估的思考 / 李红,肖翔
- 135 水轮机导叶关闭过程的探讨研究 / 徐晓燕,张晓宏,李建斌

本刊送阅:

国务院、国家能源局、各省(区)政府电力、能源主管领导

国家电网、能源企业主要负责人

中国科学院、中国工程院院士

电力、能源相关学会、协会

中国国家图书馆、中国版本图书馆、各省(区)图书馆

Contents

Power System and Clean Energy 2015 Vol.31 No.2 (Ser.187) Monthly

Smart Grid

01	Safety Evaluation of China's Power Equipment Manufacturing Industry Based on Fuzzy Neural Network Model / YANG Lin, BAI Yuhui, TONG Fengming, WANG Fei, CHEN Xiaozheng
09	Designand Development of Large-Scale Power Video Surveillance System Based on Self-Adaptive De-Interlacing Algorithm / ZHOU Qiang, WANG Ningbo, RAN Liang, SHEN Chenyun, ZHAO Long, SHEN Huiyun
16	Load Forecasting of Power System Based on Wavelet Analysis Improved Neural Network Model / WANG Yulong, CUI Yu, LI Peng, LI Rui
21	Comparison of Rigid Flanges Designed by New and Old Transmission Line Regulation / CHEN Yidian, DENG Hongzhou
28	Improved CPF-GMRES Algorithm Based on an Adaptive Preconditioner / ZHENG Hao, ZHAO Jinquan, MEN Kun, YIN Jianhua, HONG Chao
33	An Overview of Zhoushan VSC-MTDC Transmission Project / GAO Qiang, LIN Ye, HUANG Lichao, LUO Wei
39	Province-Prefecture-County AVC System Coordination Control and Its Realization / YANG Xiaolei, JIN Shanhong, TANG Xin, QIAN Weijie
43	DC High-Impedance Grounding in the Automation System of the 220 kV Substation / $PENG\ Kun$, $WANG\ Zhihua$
48	Cause Analysis of Two Compensation Capacitor Group Harmonic Events / CHEN Zihui, WU Zhiying, LIU Yonghao, LIAO Haoquan
52	Design and Implementation of the Distribution Automation System with Distribution and Dispatching Integrated / ZHANG Zhen
56	Analysis on the Line Selection Function of the Small Current Grounding in the Protection Device / PAN Qingqing
59	Application of Moment Method in the Reliability Analysis of Power Transmission Towers / WANG Songtao, WU Haiyang, YANG Jingsheng, FENG Heng
67	Study on the Down-leading at "T" Connection Straight Line Pole for the One-Side Cable in the Double-Circuit / YU Yongyang, ZHAO Hui, XIE Tao
71	Reducing Sub-Synchronous Oscillation Based on RTDS / ZHUO Hua, HUANG Li, HOU Xiaoping
78	Solitary Network Relay Protection for Multi-Distributed Generation / XU Jian, ZHAO Chunlei, QIAO Feng, ZHOU Jinhui, ZHANG Xuesong, WU Heng
83	A Method of Unified Modeling Based on Generalized Measurement and Horizontal Correlation / XUAidong, LIPeng, GUO Xiaobin, CHEN Bo, JIANG Yuyong, ZHOU Shuxiong, XUY anming, XUX uerong
87	Research and Application of the Passive Video Monitoring System Based on High-Efficient Induced Electricity / YUE Lingping, ZHANG Hao, JIANG Wendong, ZHANG Peng
91	Operation Optimization of Distribution Network Based on CYMDIST and Case Analysis/ZHOUXin TIAN Bing, XU Aidong, ZHANG Bin, HUANG Wei, WEI Wenxiao, YU Li, DONG Xuzhu
98	Neutral Point Voltage Balancing Control of NPC Converter Based on Power Balance Algorithm / XIAO Peng, ZHAO Yu, LIU Gang, SUN Jian, ZHANG Jian
	Clean Energy
104	Probabilistic Load Flow Calculation Considering Correlative Random Variable Based on Stochastic Response Surface Method / GUO Xiaoxuan, GONG Renxi, BAO Haibo
112	Unfolded Computation of the Wind Turbine Tower Cylinder Based on Excel / YUAN Daiying
116	Load Modeling of Distributed Small Hydropower / MAO Zhixiang, GU Danzhen, PAN Yanhong, ZHONG Ning, TAN Bin
121	Research of the Target Flow at the Key Nodes of the Hotan River in Xinjiang / QIN Shengying, HUANG Lingmei, JIANG Chunyu
126	Analysis of The Improved Scheme for Grounding Transformer and It's Neutral Point Grounding Resistance in the Wind Farm / LIN Feng, ZHANG Lanying, LÜ Tingqin, XIANGLI Biyu, JIANG Yuewen
131	Considerations on the Monitoring and Evaluation of the Implementation of the Support Policies in the Later Stage for Emigrants Resettlement of Large and Medium-Sized Reservoirs / LI Hong, XIAO Xiang
135	Study on the Closing Process of Hydro Guide Vanes / XU Xiaoyan, ZHANG Xiaohong, LI Jianbin

