

TABLE OF CONTENTS

目 录

Research about Thermal Fatigue Characteristic of IGBT Module in Considering of Electro-Thermal-Mechanism Coupling and Crack (基于电-热-力耦合模型功率器件焊料层失效下的热力特性分析)	
X. Y. CHEN, Q. Y. LI, W. Z. LI, F. YANG, T. T. HE.....	443
Concealment Defects of Composite Insulators and Their Detection Methods (复合绝缘子隐蔽性缺陷及检测方法)	
J. XIN, Q. J. ZHU, X. Y. FAN, H. WANG, X. F. DONG, J. X. REN.....	452
An Improved Droop Control Strategy for Micro-Grid Inverter (微电网逆变器的改进型下垂控制策略)	
S. W. LIU, H. Y. WANG, X. P. YAO, H. N. ZHANG, Y. N. ZHANG.....	459
Research and Development of Multi-Dimensional Support Knowledge Management System for Smart Grid Project (智能电网项目的多维度支撑知识管理系统研究与开发)	
Z. M. KANG, Y. WANG, W. J. LI, B. LIN.....	473
Reactive Power Optimization Model for Distribution Networks with Renewable Energy Based on Primal-Dual Interior Point Algorithm (基于原对偶内点法的新能源配电网无功优化模型)	
W. Z. ZENG, J. K. WU, Y. N. WANG, Q. Y. GUO.....	479
Chance Constrained Second-Order Cone Programming Model for Multi-Objective Optimization of Coordinative Operation of Power Sources and Loads in Distribution Networks (配电网中分布式源-荷协同运行多目标优化的机会约束二阶锥规划模型)	
X. M. LIAO, J. K. WU, Y. N. WANG, Q. Y. GUO.....	487
Dynamic Equivalence of Electric Power System Based on RTDS (基于 RTDS 的电力系统动态等值研究)	
S. T. TIAN, X. F. GU, Y. M. WANG, X. ZHANG.....	498
Research on the Insulation Diagnosis Technology Based on the On-Line Monitoring Data of Electronic Transformers (基于电子式互感器在线监测数据的绝缘诊断技术研究)	
X. ZHENG, J. LI, M. LEI, L. Q. YAN.....	507
Research on the Solution to Communication Traffic for Energy Internet (能源互联网通信业务及解决方案研究)	
Z. J. LIU, Y. WANG, W. J. LI.....	514