

TABLE OF CONTENTS

目 录

Synthetic Fault Analysis of a Relay Protection Override Trip

(一起主变低后备疑似误动作事件综合分析)

Z. D. GU, X. ZHANG, M. TU.....67

The Electromagnetic Transient Characteristic of an AC/DC Interconnected System with Filter Faults

(交直流互联系统滤波器故障状态下电磁暂态特性研究)

P. L. CHEN, B. ZHANG, F. YANG, H. CUI, C. L. LI.....73

Smart Grids Development Direction and Performance Index System Research

(智能电网发展方向及绩效指标体系探究)

G. Y. CHEN, Y. W. HE, H. X. ZANG.....80

Method for Compressing Recorded Data in Electric Vehicle Charge-Station Monitoring System

(电动汽车充电站监控系统录波数据压缩方法)

Y. X. LIU, X. Z. HOU, Q. ZHOU, L. X. LI, K. ZHENG, H. L. SUN.....88

Analysis the Solution of the Wireless Transmission in the Power Testing System Based on TD-SCDMA

(基于 TD-SCDMA 电力测试系统的无线传输方案分析)

X. Q. ZHANG.....93

Scheduling Strategy and Economic Operation Optimization for Micro-Grids

(微电网系统的调度策略及经济运行优化研究)

X. Y. ZHAO, J. M. DUAN.....99

An Assessment Method for Degree of DoS Attack against SCADA Communication Links in Power System

(一种电力 SCADA 通信链路 DoS 攻击程度的评估方法)

Y. WEI, X. R. WANG.....108

Implementation of Wireless Meter Reading System Based on Zigbee and GPRS

(基于 Zigbee 和 GPRS 的无线抄表系统研究实现)

H. Y. LIU, Y. X. LIU, F. H. HUI.....113

Study and Achievement of the Power Clock System Based on TD Private Network

(TD 专网电力时钟系统的研究与实现)

J. XUE.....118

Fault Line Selection for Resonance Grounding Based on the Combination Algorithm of HHT and TEO
(基于 HHT 与 TEO 融合的谐振接地故障选线)

M. YANG, P. YANG.....125

A Survey of Software Optimization of Elliptic Curve Cryptosystem Algorithm
(ECC 算法软件优化的研究综述)

J. L. WANG, Q. F. QIAN, L. WEI, H. ZHU.....131

Concept and Its Frame of Internet-Based Virtual Computing Environment to Power System
(电力系统虚拟计算环境 iVCE-PS 的概念与构架)

Z. X. HAN, X. S. TIAN.....137

Study on the Interference of 500 kV AC Transmission Lines with Different Structure and DC Transmission Lines and the Co-Existence
(不同结构 500 kV 交直流线路共走廊的干扰与可行性研究)

P. L. CHEN, S. REN, F. YANG, W. HE.....145