

This study focuses on the fault diagnosis of an intelligent substation relay protection system based on Transformer architecture and migration training model.

For intelligent substations, according to the DL/T860 engineering implementation standard, the network topology of relay protection system intelligent substations is divided into three layers, ...

According to different types of requirements, different fault diagnosis models can be established to carry out on-line monitoring and fault diagnosis positioning of relay protection in intelligent substation from ...

Based on the SCD file analysis results of the substation relay protection secondary circuit, the improved D-S evidence theory is selected to carry out the fault diagnosis of the substation relay ...

In this paper, the main electric wiring mode of 110kV substation is selected, the structure of substation is determined, and then the main wiring diagram is drawn. According to the design and load of the ...

This study suggests a method for diagnosing defects and evaluating the relay protection system in light of the aforementioned concerns. The method ...

This guide outlines some of the principles used in modern ...

Comprehensive overview of substation relay protection targets: from generator stator faults to HV motor loss-of-sync and capacitor overvoltage.

This study suggests a method for diagnosing defects and evaluating the relay protection system in light of the aforementioned concerns. The method is founded on the K-means clustering ...

This guide outlines some of the principles used in modern substation automation protection systems, as well as some of the underlying theory.

Schemes for the relay protection of the line vary according to the significance of the line in the system, the characteristics of faults on the line, the speed at which a line fault has to be cleared, and the ...

This paper introduces KG-FLoc, a knowledge graph-enhanced framework for secondary circuit fault localization in intelligent substations that establishes a knowledge-aware paradigm for ...

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