

Ensuring the operational reliability of substation relay protection systems through rapid defect diagnosis and state assessment is crucial for ...

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

Aiming at the problems existing in the fault diagnosis of power equipment by the traditional methods, this paper proposes a fault diagnosis method for the secondary circuit of substation relay ...

Relay fault diagnosis techniques and troubleshooting play a vital role in ensuring the reliability and safety of electrical power systems. By promptly diagnosing and resolving relay faults, ...

This article proposes a relay protection fault diagnosis method based on deep learning, which improves the accuracy and efficiency of fault recognition by constructing a model combining convolutional ...

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

Abstract: The healthy operation of China's new electric power system is highly dependent on the relay protection equipment as the first line of defense, and the self-checking alarm of the relay protection ...

This article can promote the development of power grid fault diagnosis and protection technology, which is conducive to providing new ideas and methods for power system fault diagnosis ...

Ensuring the operational reliability of substation relay protection systems through rapid defect diagnosis and state assessment is crucial for maintaining power system stability.

The experimental results show that this method can effectively analyze the operation characteristics of power system relay protection, and can accurately check whether the relay ...

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 ...

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