عنوان مقاله:

Flexible Approach for Optimization of Distance and Overcurrent Protection Coordination

محل انتشار:

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خلاصه مقاله:

In this paper, a new approach is presented to solve the optimization problem of coordination of overcurrent and distance relays using genetic algorithm. Because the existing objective function of overcurrent relays can not be directly applied to combined overcurrent and distance relay coordination, the OF is improved. Various overcurrent relays characteristics are considered within the approach to select the best of them by GA to fulfill optimal coordination. The proposed method is applied to an interconnected power system networks. From the results, it has been revealed that the new approach is the successful one.

کلمات کلیدی:

Distance Protection, Optimal Coordination, Overcurrent Protection y, Relay Modeling

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