

عنوان مقاله:

Considering Security and Dependability problems in Fault Location algorithm used TT-Transform for teed-circuit

محل انتشار:

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نویسندگان:

A. Ahmadimanesh - Student member IEEE, Iran University of Science & Technology

S. M. Shahrtash - Center of Excellence for Power System Automation and Operation Iran University of Science & Technology

خلاصه مقاله:

In this paper, a novel fault location method for three terminal power transmission lines is proposed. This algorithm is based on the TT-transform for extracting the high frequency components of the current signal generated by the fault. By applying this transformation to different modes of current signals at all terminals, the arrival of travelling waves of current signal from the fault point to each terminal is inspected, whereby the fault location and fault section can be estimated. After simulating different fault conditions by ATP/EMTP software, MATLAB is used for processing fault data and calculating fault location. Various conditions and problems that maybe faced with fault location are considered in paper

کلمات کلیدی:

Transmission Lines, Three Terminal Lines, Fault Location, Travelling Waves, TT-Transform

لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/154131>

