

عنوان مقاله:

A Study to Estimate Generator Armature Leakage Reactance Using Potier Approximation

محل انتشار:

بیست و سومین کنفرانس بین المللی برق (سال: 1387)

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خلاصه مقاله:

This paper presents a model of the cage induction motor based on modified winding function approach (MWF). Employing the winding function technique is made possible to evaluate the performance of the squirrel cage induction motor in healthy or under, static, dynamic, and mixed eccentricity conditions. The proper modeling of the induction motor to determine the effects of the rotor eccentricity is investigated through experimental data, which is demonstrating the proposed method as an effective tool for investigating the eccentricity symptom in induction motors.

کلمات کلیدی:

Three phase induction machines, simulation and modeling, mixed eccentricity, modified winding function method

لینک ثابت مقاله در پایگاه سیویلیکا:

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