A STUDY ON STOCHASTIC METHOD BASED POWER FLOW COMPUTATION

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ABSTRACT

This paper describes determination of steady state operation of power system, using genetic algorithm. The achievement of many power flow studies is required by most functions performed in power system. Power flow is an electrical engineering known problem, which determines the power system operation point in the steady-state. This paper presents genetic algorithm based power flow computation, which is a stochastic method.

KEYWORDS: Power Optimization, Genetic Algorithm, Adaptive Convergence