Evaluation de Comportement du Dispositif UPFC Connecté au Réseau Electrique pour Contrôler l'Ecoulement de Puissance

M. MEZAACHE

Abstract : This paper presents some structures of the FACTS (series, shunt and hybrid) based on the GTO thyristors. We make an approach on the modelling of the UPFC. First, we present the equivalent diagram of the studied network, then we expose the results of simulation gotten by the software MATLAB/SIMULINK, so their interpretations. Finally, we try to make a comparison between the results, with another proposition of site of the UPFC on the same network.

Keywords : FACTS, GTO, modelling, UPFC