

## عنوان مقاله:

UPFC Control to study in power flow and Oscillation Damping by Particle Swarm Optimization Algorithm

## محل انتشار:

پنجمین کنفرانس بین المللی مهندسی برق و کامپیوتر با تاکید بر دانش بومی (سال: 1396)

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## نویسندگان:

ali solati - [Student]Sobhan Higher Education Institute

ali asghar shojaei - Electrical Department Manager , Islamic Azad University of Neyshabur

Seyed mohammad razavi - Electrical Engineering Department , Neyshabur University

## خلاصه مقاله:

Minimizing power system oscillations and enhancing stability are one the main challenge of designers and operators. So far, various options have been proposed for it. Unified Power Flow Controller (UPFC) is one the most powerful equipment of Flexible AC Transmission Systems (FACTS) which has been used to perform this work. So in this paper, UPFC has been employed to improve dynamic performance of power system. Using PSO algorithm to extract optimal parameters of UPFC is other capability of this paper. Simulation has been performed by MATLAB algorithm and case carried out on a power system

## کلمات کلیدی:

FACTS, UPFC, PSO algorithm, Power system

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/725228>

