

## عنوان مقاله:

Determination of Topology Based Control Actions to Improve Power System Stability

## محل انتشار:

نهمین کنفرانس بین المللی برق (سال: 1373)

تعداد صفحات اصل مقاله: 12

## نویسنده:

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## خلاصه مقاله:

Damping of power oscillations can be affected by different countermeasures which are seen as controllable excitations located suitably in power system. Depending on the injected signal by a countermeasure, the best type of excitation and its location in the system should be determined. The paper discusses a new universally valid method to identify the best type and location of controllable excitations regarding the damping improvement. Considered are common damping countermeasures like power system stabiliser, static var compensator, high voltage DC and superconducting magnetic energy storage. The proposed method is applied to a multi-machine study system and the results are discussed.

## کلمات کلیدی:

Interconnected power systems, stability improvement, countermeasures, allocation

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/35607>

