## عنوان مقاله:
SVC MULTI-OBJECTIVE VAR PLANNING USING SFL

## محل انتشار:
ششمین کنفرانس بین‌المللی مسائل فنی و فیزیکی در مهندسی قدرت (سال: 1389)

تعداد صفحات اصل مقاله: 6

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## خلاصه مقاله:
In this paper, Shuffled frog leaping (SFL) algorithm is used for VAr planning with the Static Var Compensators (SVC) in a large-scale power system. To enhance voltage stability, the planning problem is formulated as a multiobjective optimization problem for maximizing fuzzy performance indices. The multiobjective VAr planning problem is solved by the fuzzy SFL and the results are compared with those obtained by the Particle Swarm Optimization (PSO) and Genetic Algorithm (GA).

## کلمات کلیدی:
Shuffled Frog Leaping, Low-FrequencyOscillations, Stability, PSS