

عنوان مقاله:

A Bio-inspired Evolutionary Algorithm for Combined Heat and Power Economic Dispatch Problems

محل انتشار:

دومین کنگره مشترک سیستمهای فازی و هوشمند ایران (سال: 1387)

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خلاصه مقاله:

In this paper, an improved genetic algorithm is proposed to solve the Economic Dispatch (ED) problem for co-generation systems. The proposed algorithm is a novel Bio-inspired Genetic Algorithm. This algorithm seems to be efficient in finding global optimum in the economic dispatch problem. Furthermore, it provides a suitable framework for future extension to other optimization algorithms.

کلمات کلیدی:

Combined Heat and Power (CHP), Economic Dispatch, Evolutionary Algorithm

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