عنوان مقاله:

A novel hybrid firefly algorithm using differential evolution algorithms

نویسندگان:

Marziyeh Nabizadeh - *Department of Computer Engineering, Mashhad Branch, Islamic Azad University, Mashhad, Iran*

Gelareh Veisi - *Department of Electrical Engineering, Mashhad Branch, Islamic Azad University, Mashhad, Iran*

Seyyed Javad Seyyed Mahdavi - *Department of Electrical Engineering, Mashhad Branch, Islamic Azad University, Mashhad, Iran*

خلاصه مقاله:

The Firefly algorithm is a meta- heuristic algorithm inspired by thelight connection between the firefly worms and is mainly used incontinuous optimization problems. In order to provide optimal resultsby solving different classes of problems, this algorithm has beensubject to several changes, modifications and combinations. Fireflyalgorithm due to its characteristics, for example, a more rapidconvergence of multiple criteria, can be used as an exploration of themain issues for fusion and combination with other solvers used. In thispaper, attempts have been made to improve the search for the fireflyalgorithm to optimize part of this algorithm in order to enhance theexploration and exploitation parameters. This is done by combiningthe algorithm and the use of the local search for differential evolution,the algorithm s search power (exploitation) is added. The results ontraining and testing data provide a good performance of the proposedmethod.

کلمات کلیدی:

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