

عنوان مقاله:

A hybride metaheuristic algorithm based on ABC and Firefly algorithms

محل انتشار:

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خلاصه مقاله:

In this paper, we introduce ABC algorithm that it combine with some sections of firefly algorithm. Our approach in this method were change of food sources equation in ABC algorithm. we added firefly algorithm equation into employed bee and onlooker bee phases. naturally some new parameters were needed for hybrid algorithm balanced. for example we upgraded exploitation on food sources with defination two new parameters then it tested with sphere, Ackley and griewank cost functions. and results improved like dimensions up. our simulator environment is matlab software. and exam performed more than 111 times

کلمات کلیدی:

ABC algorithm, Firefly algorithm, Employed bee, Onlooker bee

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