

عنوان مقاله:

(Optimization OF Imperialist Competitive Algorithm (ICA

محل انتشار:

کنفرانس ملی فناوری های نوین در مهندسی برق و کامپیوتر (سال: 1396)

تعداد صفحات اصل مقاله: 7

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خلاصه مقاله:

The optimization algorithms from nature as the intelligent methods of optimization along with the classical methods have proven to be remarkable. One of these methods can be genetic algorithms (inspired by the biological evolution of humans and other organisms), optimization of ant colony (based on the optimal movement of ants) and simulated annealing method (with inspiration The process of solving many optimization problems in different areas, such as determining the optimal path of automatic agents, optimal design of controllers for industrial processes, solving major engineering problems of industries, such as design Optimal layout for industrial units, queuing problems, and intelligent agent design. The proposed optimization algorithms are mainly inspired by natural processes and have not paid attention to the other manifestations of human evolution in the presentation of these algorithms. In this article, we examine a state of colonial competition algorithm in which step The algorithm has evolved and, due to these changes, we will increase the convergence rate of the algorithm

کلمات کلیدی:

Colonial competition, optimization, attraction, revolution, intra-group competition, outsourcing competition, parameter zita

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