

عنوان مقاله:

Combined pattern search optimization algorithm based on arterial bee colony

محل انتشار:

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خلاصه مقاله:

In recent years, a new field of research called collective intelligence Bhyhaby problems in dynamic environments, is growing, which focuses on the social behavior of insects like ants and bees on the model. Bee colony optimization algorithms are evolutionary optimization algorithms hands, which successfully operate in discrete optimization problems. In this dissertation, a kind of pattern search algorithms Memetics Hook Jyvz by combining artificial bee hive algorithm, is proposed for optimization. Algorithm HABC, an idea attractive to the bees in artificial bees colony and artificial bee colony successfully in the global exploration capability increases. The proposed algorithm consists of two stages, the first stage: exploration are identified by the algorithm of artificial bee hive. And then the operation is completed by a pattern search. Previous studies showed that this algorithm have better results in terms of .convergence rate, solution accuracy and success rate is achieved

کلمات کلیدی:

Memetics algorithms, evolutionary optimization algorithms, bee, collective intelligence

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