

A Novel Hybrid Imperialist Competitive Algorithm For

Multiobjective Program and Hybrid Imperialist Competitive ... (PDF) A Hybrid Hopfield Network-Imperialist Competitive ... A Novel Hybrid Imperialist Competitive A priority list based approach for solving thermal unit ... A new hybrid imperialist competitive algorithm on data ... A Novel Approach for Blast-Induced Flyrock Prediction ... A novel imperialist competitive algorithm for generalized ... Hybrid Machine Learning Models for Crop Yield Prediction A Hybrid Imperialist Competitive Algorithm for the ... A Novel Imperialist Competitive Algorithm for ... A Hybrid Imperialist Competitive Algorithm for the ... An improved imperialist competitive algorithm for hybrid ... A Novel Hybrid ICA-FA Algorithm for Multiperiod Uncertain ... A Novel Hybrid Imperialist Competitive Algorithm For A novel hybrid algorithm of imperialist competitive ... Bing: A Novel Hybrid Imperialist Competitive Novel Hybrid Evolutionary Algorithms for Spatial ... [PDF] GAKREM: A novel hybrid clustering algorithm ... Hybrid 2-stage Imperialist Competitive Algorithm with Ant ... A novel hybrid approach for predicting wind farm power ...

Multiobjective Program and Hybrid Imperialist Competitive ...

The objective of the current study is to propose novel crop yield prediction models based on hybrid machine learning methods. In this study, the performance of the artificial neural...

(PDF) A Hybrid Hopfield Network-Imperialist Competitive ...

This paper proposes a novel hybrid imperialist competitive algorithm with simulated annealing (HICASA) for solving the FJSP. HICASA explores the search space by using imperial competitive algorithm (ICA) and use a simulated annealing (SA) algorithm for exploitation in the search space.

A Novel Hybrid Imperialist Competitive

A novel imperialist competitive algorithm for bi-criteria scheduling of the assembly flowshop problem. ... A hybrid imperialist competitive algorithm for the flexible job shop problem. In: Australasian conference on artificial life and computational intelligence, ...

A priority list based approach for solving thermal unit ...

Access Free A Novel Hybrid Imperialist Competitive Algorithm For

Adaptive neuro-fuzzy inference system (ANFIS) includes two novel GIS-based ensemble artificial intelligence approaches called imperialistic competitive algorithm (ICA) and firefly algorithm (FA).

A new hybrid imperialist competitive algorithm on data ...

In the present research, a hybrid method combining the imperialist competitive algorithm (ICA) and BFGS algorithm is presented to solve the CDLP. The proposed hybrid method integrates the ICA and the BFGS algorithm, providing a highly near-optimal solution.

A Novel Approach for Blast-Induced Flyrock Prediction ...

This paper proposed a novel imperialist competitive algorithm to solve the generalized traveling salesman problem. This algorithm employed a new encoding scheme, new crossing method and new improvement mechanism called imperialist development plans.

A novel imperialist competitive algorithm for generalized ...

We introduce a novel clustering algorithm named GAKREM (Genetic Algorithm K-means Logarithmic Regression Expectation Maximization) that combines the best characteristics of the K-means and EM algorithms but avoids their weaknesses such as the need to specify a priori the number of clusters, termination in local optima, and lengthy computations. To achieve these goals, genetic algorithms for ...

Hybrid Machine Learning Models for Crop Yield Prediction

For the proposed solution, we first apply a weighted max-min fuzzy goal programming approach to convert the proposed multiobjective programming model into a single-objective one. After that, we design a novel hybrid of an imperialist competitive algorithm (ICA) and a firefly algorithm (FA), termed ICA-FA, to solve it.

A Hybrid Imperialist Competitive Algorithm for the ...

A novel hybrid algorithm of imperialist competitive algorithm and teaching learning algorithm for optimal power flow problem with non-smooth cost functions. Author links open overlay panel. MojtabaGhasemia SahandGhavidela ShimaRahmanib AlirezaRoostaa HasanFalahc. <https://doi.org/10.1016/j.engappai.2013.11.003> Get rights and content.

A Novel Imperialist Competitive Algorithm for ...

A novel hybrid algorithm of imperialist competitive ... A hybrid modified imperialist competitive algorithm and teaching learning-based optimization is applied to find a near-optimum solution of mixed integer nonlinear programming in large-sized problems. A hybrid imperialist competitive algorithm for solving ...

A Hybrid Imperialist Competitive Algorithm for the ...

Two objectives are simultaneously to be optimized, one is to minimize the combination of the weighted line efficiency and the weighted smoothness index, and the other is to minimize the weighted total relevant costs per unit of a product. A novel multiobjective hybrid imperialist competitive algorithm (MOHICA) is proposed to solve this problem.

An improved imperialist competitive algorithm for hybrid ...

This paper has proposed a novel Hybrid modified Genetic - Imperialist Competitive Algorithm (HGICA) for solving thermal Unit Commitment Problem (UCP). The UCP is a mixed integer problem with many equality and inequality constraints like the minimum down and minimum up time, spinning reserve, and ramp rate so need to a complex optimization process.

A Novel Hybrid ICA-FA Algorithm for Multiperiod Uncertain ...

A novel hybrid approach for predicting wind farm power production based on wavelet transform, hybrid neural networks and imperialist competitive algorithm Author links open overlay panel Afshin Aghajani Rasool Kazemzadeh Afshin Ebrahimi

A Novel Hybrid Imperialist Competitive Algorithm For

paper explores the use of a combination of two stand-alone metaheuristics to tackle the MDVRP. The main contribution of this paper is the novel hybrid 2-stage Imperialist Competitive Algorithm (ICA) with Ant Colony Optimization (ACO) called ACO-ICA as an improvement of its algorithm counterparts for solving the MDVRP.

A novel hybrid algorithm of imperialist competitive ...

A new hybrid imperialist competitive algorithm on data clustering²⁹⁵ moving toward their relevant imperialist country. This movement is a simple model of assimilation policy that was perused by some imperialist states.

Bing: A Novel Hybrid Imperialist Competitive

The scope of this study is to predict flyrock induced by blasting through a novel approach based on the combination of imperialist competitive algorithm (ICA) and artificial neural network (ANN). For this purpose, the parameters of 113 blasting operations were accurately recorded and flyrock distances were measured for each operation.

Novel Hybrid Evolutionary Algorithms for Spatial ...

Imperialist Competitive Algorithm (ICA) is a novel optimization algorithm that inspired by socio-political process of imperialistic competition. ICA shown its excellent capability in diverse ...

[PDF] GAKREM: A novel hybrid clustering algorithm ...

a novel hybrid imperialist competitive algorithm with simulated annealing (HICASA) for solving the FJSP. HICASA explores the search space by using imperial competitive algorithm (ICA) and use a simulated annealing (SA) algorithm for exploitation in the search space. In order to obtain reliable results

Hybrid 2-stage Imperialist Competitive Algorithm with Ant ...

A Novel Imperialist Competitive Algorithm for Multithreshold Image Segmentation ICA is a population-based metaheuristic. Each individual of population represents a country and some best countries are selected as imperialists in the initialization. Its main process is described as follows:

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