

A New Heuristic Algorithm To Assign Priorities And

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A new heuristic algorithm to assign priorities and ...

3 The heuristic algorithm We propose a new off-line heuristic algorithm to allocate and to assign priorities to a set of tasks in a set of resources in the framework explained before The aim of the algorithm is a simple heuristics that looks for schedulability while harnessing the maximal capability of resources The whole algorithm follows the

A new heuristic algorithm for the planar minimum covering ...

A new heuristic algorithm for the planar minimum covering circle problem Hasan Hosseini Nasab*, Mahdi Tavana and Mohsen Yousefi Industrial Engineering Department , Faculty of ...

A new heuristic algorithm for the

A new heuristic algorithm for the Vehicle Routing Problem Aussois, January 2004 Roberto De Franceschi, DEI, University of Padua Matteo Fischetti, DEI, University of Padua Paolo Toth, DEIS, University of Bologna 2 A method for the TSP (Sarvanov and Doroshko, 1981) The ASSIGN neighborhood 1 consider a given tour as a sequence of nodes 2 fix the nodes in odd position, and ...

A new heuristic algorithm to improve the design of a ...

we propose a new heuristic algorithm to improve the design of an automated vertical storage system Given a list of items to be stored and their characteristics, the aim of the algorithm is to set out the best combination of stock keeping for the VLM system The algorithm is a combination of well-known Bin Packing Problem (BPP)

A new meta-heuristic algorithm for continuous engineering ...

A new meta-heuristic algorithm for continuous engineering optimization: harmony search theory and practice Kang Seok Lee a,*,1, Zong Woo Geem b
 a Materials and Construction Research Division, Building and Fire Research Laboratory, National Institute of Standards and Technology,
 Gaithersburg, MD 20899-8611, USA

A New Linear-time Heuristic Algorithm for Computing the ...

A New Linear-time Heuristic Algorithm for Computing the Parsimony Score of Phylogenetic Networks: Theoretical Bounds and Empirical
 Performance? Guohua Jin 1, Luay Nakhleh , Sagi Snir2, and Tamir Tuller3 1 Department of Computer Science, Rice University, Houston, TX 77005,
 USA, {jin,nakhleh}@csriceedu

A New Job Shop Heuristic Algorithm for Machine Scheduling ...

A new heuristic algorithm is presented in this paper for optimally scheduling JSP This method is the result of combining different dispatching rules,
 so, its implementation is justly straightforward It is also worth to mention that tardi-ness is the difference between the completion time of each job
 (or operation) and the job's related due date (or relative due date); in other words, the

A New Heuristic Synchronizing Algorithm - arXiv

A New Heuristic Synchronizing Algorithm 3 the algorithm depends linearly on cso it is easy to set a desirable trade-off Also it works fast when it finds
 a short word, and this is the case for random automata A trie is used to skip sets already stored in it, keeping insertion time in $O(n)$ Theorem 1

A New Bottom-Left-Fill Heuristic Algorithm for the Two ...

heuristic set new benchmarks for the shapes1, shapes2, shirts,andtrousersdatasetsOnlytheSHAPES0dataset is not improved upon; the ...

New Heuristic Algorithms for the Windy Rural Postman Problem

23 Algorithm H1 This new constructive heuristic is a modification of algorithm WRPP1 As in the Modified Mixed Algorithm for the MCPP [19], the
 idea of the new algorithm is to try to anticipate during the first steps what will happen in the last phases of the algorithm First, the algorithm
 connects the components of GR by adding the edges of a

PAPER OPEN ACCESS New heuristic algorithm for traveling ...

Heuristic methods like cutting planes and branch and bound [5], can only optimally solve small problems whereas the heuristic methods, such as 2-
 opt, 3-opt [6], simulated annealing [7], tabu search, etc are good for large problems [8] But many of these methods are di cult to apply In this
 research, we proposed new simple heuristic algorithm

A NEW HEURISTIC ALGORITHM TO DETERMINE MORE THAN ONE ...

when compared with any other heuristic RA heuristic is a close runner with a make span of 96 units The make span deviation for the better solution
 is $(103-96)/96 = 72\%$, which is significant 5 CONCLUSION In this paper, a new heuristic algorithm is proposed based on harmonic triangle to
 process the

A New HeuristicAlgorithm for the 3D Bin Packing Problem

A New Heuristic Algorithm for the 3D Bin Packing Problem Wissam F Maarouf, Aziz M Barbar, Michel J Owayjan American University of Science and
 Technology, Beirut, Lebanon

What is a heuristic? - SFU.ca

with this broader account of 'heuristic' in hand, researchers can benefit more fully from the insights of others, even if those insights are couched in a

somewhat alien vocabulary Key words: heuristic, rule of thumb, algorithm, problem solving, artificial intelligence, ...

Gene-Machine, a new search heuristic algorithm

Gene-Machine, a new search heuristic algorithm Alfredo Garcia Woods 2013 ABSTRACT This paper introduces Gene-Machine, an efficient and new search heuristic algorithm, based in the building-block hypothesis [1] [2] It is inspired by natural evolution, but does not use some of the concepts

NEW META -HEURISTIC OPTIMIZATI ON ALGORITHM USING ...

NEW META -HEURISTIC OPTIMIZATI ON ALGORITHM USING NEURONAL COMMUNICATI ON S Asil Gharebaghi*, and M Ardalan Asl Department of Civil Engineering, K N Toosi University of Technology, Tehran, Iran ABSTRACT A new meta-heuristic method, based on Neuronal Communication (NC), is introduced in this article The neuronal communication illustrates

A Heuristic Algorithm for Function Optimization

In this paper we propose a heuristic algorithm based on local search optimization Results obtained by our algorithm are comparable with results from literature In [8] authors present some sampling methods that are used in a process to get new solution x_{new} : only over any of the variables or over the all variables of x_{old} We introduce a

A New Heuristic Method Improvement for Ring Topology ...

A New Heuristic Method Improvement for Ring Topology Optimization: Proposal Algorithm Syamsul Qamar, Sigit Haryadi, and Nana R Syambas School of Electrical Engineering and Informatics, Institut Teknologi Bandung (ITB)