

In this paper, we propose a new version of Adaptive Link Adjustment Evolutionary Algorithm (ALA-EA) for the network optimization problems, and apply it to the multiple container packing problem (MCP). ...

Model-based bundle adjustment is yet another robust technique, in which prior information about the surface under reconstruction is used to aid in the adjustment [7]. [29] proposes a bundle adjustment ...

This paper focuses on the problem of determining the stacking positions of the containers transported to the stacking yard of an automated container terminal (ACT). Determination ...

Both heuristic algorithms and hyper-heuristic algorithms are employed to optimize the container storage plan, and their applicability in storage optimization is compared.

As container terminals become more intelligent, the scheduling of their handling equipment becomes more complex. Therefore, a faster and more efficient scheduling algorithm has ...

The research goal of the "Solar Cell Surface Defect Detection" project is to detect three types of defects on the surface of solar cell images and to accurately classify and locate the different defects within ...

The 3DYAPT is challenging and proved to be strongly NP-hard since it requires dynamically adjusting the shape of the allocated area when placing containers from the same request. We formulate the ...

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To achieve the desired stability needed for safety during sailing, any remaining stability issues after the container adjustment stage need to be resolved by adjusting the amount of ballast in tanks onboard ...

The active or passive modes of the solar still system, which can be adjusted depending on climatic or atmospheric conditions, design parameters, and operating parameters, respectively, ...

The 3DYAPT is challenging and proved to be strongly NP-hard since it requires dynamically adjusting the shape of the allocated area when placing containers from the same ...

Which companies are currently leading the mobile solar container market, and what differentiates them? The mobile solar container market is dominated by innovative players such as ...

This paper presents a novel approach using Deep Deterministic Policy Gradient (DDPG) algorithm for



Solar container adjustment algorithm

controlling a solar PV-integrated Doubly Fed Induction Generator (DFIG) wind ...

Three optimisation algorithms have been proposed for evaluation which are the BHO, the JOA, and finally, the SFO. These were employed based on adaptive control tuning methods to ...

In today's dynamic energy landscape, harnessing sustainable power sources has become more critical than ever. Among the innovative solutions paving the way forward, solar energy ...

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