Conditions for Grid-Connected Transactions of Foldable Containers

We use the model to minimize total transportation costs, inventory holding, handling, folding and unfolding, container leasing, and installing facilities that accommodate foldable containers.

Ship type decision considering empty container repositioning and foldable containers Abstract: This paper addresses a problem of ship type decision considering empty container repositioning and ...

In this article, we focus on a novel container drayage transportation problem involving foldable and standard containers simultaneously. Four types of container tasks are required to be scheduled ...

We analyze the effects of foldable containers using a newly developed multi-port and multi-period container planning model. The proposed model is a large-scale optimization problem, for which we ...

We investigated the impacts of foldable containers, street-turn and depot-direct strategies on the container repositioning cost. To test our proposed model, a hypothetical case study has been ...

This study considers the empty container repositioning problem of shipping companies that use standard and 3-in-1 foldable containers with more advanced designs. A mathematical model ...

We comprehensively analyzed numerical experiments to illustrate trade-offs between cost savings and potential risks concerning reliability in supply of empty containers by using a mix of ...

Are foldable containers a solution to empty container repositioning? The paper explores the potential of foldable containers as a solution for the costly issue of empty container repositioning in maritime ...

To address these issues, this study considers the use of foldable containers when utilizing the remaining capacity of vessels for empty container repositioning. A multi-period linear ...

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