

Comparison of the Scalable Economic Benefits of Micronesian Foldable Containers

Results show that with the introduction of foldable containers, depending on the growth rate of container cargo shipping demand, the total management costs of empty container repositioning can be reduced.

Therefore, to analyze whether foldable containers can be advantageous in empty container repositioning from an economic perspective, we compared the management costs of empty ...

This study seeks to explore the effectiveness of employing foldable containers (FLDs) in liner shipping to reduce relocation and the empty containers and bunker costs (BCs) associated with ship operations.

In this study, we conducted an analysis of the effects of using foldable containers in various circumstances, with particular emphasis on addressing the issue of container imbalances. Foldable ...

Through intensive computational experiments, we analyze the effect of the imbalance in demand and the decreases in the purchasing cost and the handling cost of foldable containers on the potential ...

A cost-benefit and sensitivity analysis is conducted for operating regular and foldable containers over their respective lifespans.

The costs and benefits of using foldable containers in these logistic concepts are calculated and compared with the situation in which standard containers are used.

Konings [7] analyzed the economic and logistical viability of introducing foldable containers through a cost-benefit analysis, showing that the use of foldable containers could lead to substantial net ...

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