Abstract

Space optimization is a common problem in packaging, including cargo space optimization. Cargo planning and loading is the most essential factor in transportation like railways, air-lines, trucks and buses. It is the proper arrangement of goods, items or cargo into the available space of container. Due to improper arrangement of cargo and unavailability of proper optimization techniques the space gets wasted and damage of goods occurs in container. The proper arrangement and placement of the cargo is very difficult task today. To utilize the maximum occupancy of the container the optimization algorithms are required to design. So the paper presents the optimization models for different systems and various optimization techniques.

References


**Index Terms**

Computer Science  
Information Sciences

**Keywords**

Operational Research, Cargo Loading, Space Optimization.