

Abstract

Distribution process is an important thing done by the manufacturer to meet the needs of its customers. Given this process, the goods can be marketed to the hands of consumers. But still there is the problem that caused the distribution of goods slightly delayed. Setting the optimal goods vans is one process that can be done to maximize the distribution of goods.

This research using tree search algorithm to the building block approach. Which the boxes will be inserted into the container first incorporated according to the criteria of the identity of each boxes, and occupy the empty space whose shape changes over charging and search final results. The case falls into the three dimensional container loading problem (3D-CLP).

Key words : Three Search Algorithm, Block Building, 3D-CLP