

An Arrangement of Goods According to Holding Capacity of Freight Trains

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Abstract:

The ideal modes of transport which has a large load carrying capacity is freight railway transportation. Accepting changes and adapting to dynamic market conditions is the key to the freight segments sustainable expansion. Rail transportation is more affordable than road transportation for long distances due to capacity these freights can handle. Despite being one of the most cost effective and sustainable mode of transport, freight railways have been globally losing market values. In India the availability of rakes also poses a great challenge. In this work a model is proposed for management in freight train's holding capacity and their better utilization for different commodities. An integer programming problem model is formulated for an arrangement of goods according to holding capacity of freight trains.