Abstract

The warehouse is one of the major links in the supply chain; it plays a vital role in improving corporate profitability. Indeed, the performance management of logistics platforms depends on the optimal organization of different areas and flows there existing. In this context, the following paper proposes a method of warehouse spatial planning taking into account various constraints. The proposed method treats on one hand the optimal organization of different areas of the warehouse, on another hand, the allocation of products to storage areas.

References

Dynamic Allocation of Products to Storage Areas in the Warehouse

- Michel Roux : Tout ce qu&apos;il faut savoir pour concevoir une unité de stockage, 4e édition, Groupe Eyrolles,2008.
- H. Bakkali, A. Azmani and A. Fennan. 2013. Identification of the parameters considered in the warehouse management and modeling its physical flow of goods, in proceeding of the 6th International Symposium LOGISTIQUA.
- Yves Pimor Michel Fender. , LOGISTIQUE : Production Distribution Soutien, 5e édition, Dunod, 2008.

Index Terms

Computer Science

Artificial Intelligence
Keywords

Warehouse    Dynamic Storage    Constraints    Optimization.