

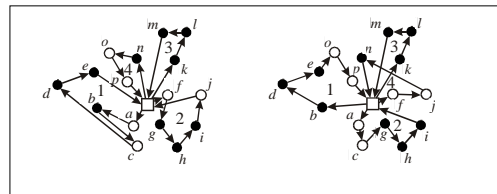
MSc Proposal : Multi-depot location routing problem

The Multi-Depot Location Routing Problem (MDLRP) combines depot location and vehicle routing decisions, in order to determine the locations of depots and find the optimal set of vehicle schedules and routes.

The purpose of this thesis is to use metaheuristic algorithm approach to find the optimal solution for multi product multi depot location routing problem.

The following steps should be done:

- A Survey about the heuristics algorithms and techniques
- Constructing the algorithm and method framework

**MSc Proposal : Vendor Managed Inventory (VMI)**

In the area of product transportations, the Vendor managed resupply is able to easily solve many transportation problems and greatly improve transporting efficiency and reduce the transportation costs. VMI is essentially an integrated approach whereby the inventory at the distributor/retailer (downstream) is monitored and managed by the manufacturer/vendor (upstream)

This Thesis is a survey of heuristics for the Vendor Managed Inventory. The following steps should be done:

- A Survey about the heuristics algorithms and techniques
- Constructing the algorithm and method framework

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