

Computational Optimization - MSc AIDA UoM

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The goal of the fourth programming assignment involves the implementation of an improvement heuristic for calculating an improved solution (given an initial solution), for some of the following -indicatively- problems (as well as various variations of them). You can store the solution you construct in a new output file.

- Traveling Salesman Problem (TSP)
- Vehicle Routing Problem (VRP)
- P-location (p-median, p-center, etc.) problem
- Minimum Labelling Spanning Tree Problem
- Constrained Shortest Path Problems
- Location Problems (p-median, p-center, etc.)
- Job Shop Scheduling Problems
- Knapsack problems