

Travelling Thief Problem

Evolutionary Computation

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Exercise 2

This exercise focuses on modifying only the packing of the knapsack - the TSP tour is supplied in a text file that is read-in using the *linkern tour* method provided in the *Optimisation* class. Since this problem revolves around solving the traditional knapsack problem, research into solutions suggested a purely evolutionary approach may yield good results in the appropriate time-frame, however there was little guarantee it would obtain the optimal result. As such, the following solution is evolved from a purely linear approach which I have labelled - Obsessive Packing.