

Optimal Touring

KitKat Addicts

Pre-processing

Partitioning the individuals into different sets according to the groups in which they fall.

Initially, all elements belong to different sets. After working on the given relations, we select a member as a representative. There can be many ways to select a representative, a simple one is to select with the biggest index

This gives us our minimum spanning trees.

Heuristic Algorithm

The Lin-Kernighan algorithm does a clever search for k-opts and can get within a few percent of the optimal.

Improve path till it can be improved no more.