

Travelling Salesperson Problem

April 29, 2006

In the travelling salesperson problem, there are N cities that are connected to each other. Each pair of cities is assigned a weight w , where $1 \leq w \leq N$, which is the cost associated to travel between them. A satisfying assignment involves choosing the order in which the N cities are visited so that the sum of the weights associated with each adjacent pairs of cities that are visited is less than a given weight W .

This benchmark (tsp.tar) contains both sat and unsat instances of the TSP problem where $N = 11$ and $W = 25$.