Modification in first improvement 2-opt local search to speed up

http://tsp-basics.blogspot.com/2017/03/using-dont-look-bits-dlb-2-opt.html

Search references for this method

Chosen instances:

|  |  |  |
| --- | --- | --- |
| Instance name | Instance size | Instance size group |
| pr439.tsp | 439 | small |
| d657.tsp | 657 | small |
| rl1889.tsp | 1889 | medium |
| d2103.tsp | 2103 | medium |
| d15112.tsp | 15112 | large |

First step, record the time taken by each instance to execute 350 iterations of GRASP using the configuration RDSNN + first, alpha = 10.

nohup ./tspProblem alpha\_adjust\_10 RDSNN first 1 folder instances/alpha\_adjustment 0 ql 2 350 10 1>&2 | tee nohup.out &