



```

populationsize = 200
#selection & elimination
init_k_selection = 5
k_selection = 3
init_k_elimination = 5
k_elimination = 3
#mutation
init_mutation_proba = 0.9
percentageOfSwitches = 0.2
numberOfSwitchies = 50
#crossover
init_crossover_proba = 1

iterations = 500
genForConvergence = 5
stoppingConvergenceSlope = 0.0001
numberOfCities = 250

#diversity
sigma = 12
alpha = 3
sharedCost_percentageOfSearchSpace = 0.05
I: 160 meanObjective:210533.86244500044 bestObjective:184200.64049157768 diff:26333.221953422762
diversityIndicator:0.21733740000000007

mean_mutation:0.10000000000000007 mean_crossover0.7000000844279013
min_mutation:0.1 min_crossover:0.7

select_diversity:False elim_diveristy:True

LsoInit:False
LsoToParents:False LsoToWorstOnes:False LsoToRandomSubset:False
percentOfPopuLso:0.25

reDiversificationScheme:False
RandomHardMutationThenLso:True percentHardMutation = 0.2

TIME: selectTime: 0.2819681420922279=>16.791011201027207
TIME: LsoTime: 2.771615982055664e-06=>0.0001650478477970063
TIME: elimTime: 1.0497066870331764=>62.5093197018056
TIME: AssesQualityTime:0.3470591798424721=>20.667138255101804
TIME: ReDiversityTime:1.7389655113220215e-06=>0.00010355421418231523
TIME: ReportTime: 0.0005306825041770935=>0.031601782406014425
TIME: Total iterTime: 1.6792802929878234=>100
TOTAL TIME:270.32908153533936

```