



```

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 = 150
genForConvergence = 5
stoppingConvergenceSlope = 0.0001
numberOfCities = 250

#diversity
sigma = 25
alpha = 3
sharedCost_percentageOfSearchSpace = 0.1
I: 150 meanObjective:199023.80344015954 bestObjective:176658.55919195808 diff:22365.24424820146
diversityIndicator:0.19249839999999993

mean_mutation:0.10000000000000007 mean_crossover0.9280379895066182
min_mutation:0.1 min_crossover:0.7

select_diversity:False elim_diversity:True percentageCostSharing:0.7

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

reDiversificationScheme:False
RandomHardMutationThenLso:False percentHardMutation = 0.2

TIME: selectTime: 0.21669899304707846=>19.214921194623038
TIME: LsoTime: 0.11681258837381998=>10.357891601532533
TIME: elimTime: 0.5316623576482137=>47.14304464782858
TIME: AssesQualityTime:0.26219616413116453=>23.249201855858363
TIME: ReDiversityTime:1.686414082845052e-06=>0.00014953606035598993
TIME: ReportTime: 0.00038106759389241535=>0.03378965302749059
TIME: Total iterTime: 1.1277641518910726=>100
TOTAL TIME:169.2234959602356

```