



```

populationsize = 200
#selection & elimination
init_k_selection = 5
k_selection = 4
init_k_elimination = 5
k_elimination = 3
#mutation
init_mutation_proba = 0.9
percentageOfSwitches = 0.2
numberOfSwitchies = 50
#crossover
init_crossover_proba = 1

iterations = 1000
genForConvergence = 5
stoppingConvergenceSlope = 0.0001
numberOfCities = 250

#diversity
sigma = 25
alpha = 3
sharedCost_percentageOfSearchSpace = 0.1
I: 419 meanObjective:131615.8271146095 bestObjective:125292.59569871385 diff:6323.231415895658

diversityIndicator:0.085594250000000004

k_selection:4 k_elimination:4

mean_mutation:0.100000000000000007 mean_crossover0.700000000000000008

select_diversity:True elim_diversity:False

LsoInit:{False}

LsoToParents:False LsoToWorstOnes:False LsoToRandomSubset:True

percentOfPopuLso:0.25
reDiversificationScheme:False
RandomHardMutationThenLso:True percentHardMutation = 0.2

TIME: selectTime: 0.25872114165586046=>40.16527863934903
TIME: LsoTime: 0.03803585423490028=>5.904893097845636
TIME: elimTime: 0.0722426053732278=>11.21533538340623
TIME: AssesQualityTime:0.2747361768117099=>42.65153989089099
TIME: ReDiversityTime:1.738350260513779e-06=>0.0002698709588998111
TIME: ReportTime: 0.00039223327272547173=>0.060892428774134914
TIME: Total iterTime: 0.6441412842643573=>100
TOTAL TIME:270.645143032074

```