



```

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 = 0.1
numberOfSwitchies = 100
#crossover
init_crossover_proba = 1

iterations = 500
genForConvergence = 5
stoppingConvergenceSlope = 0.0001
numberOfCities = 1000

#diversity
sigma = 100
alpha = 1
sharedCost_percentageOfSearchSpace = 0.1
I: 65 meanObjective:5881438.859269837 bestObjective:5656537.766220799 diff:224901.0930490382
diversityIndicator:0.4806674499999998

mean_mutation:0.10000000000000007 mean_crossover0.8000000000000006
min_mutation:0.1 min_crossover:0.8

select_diversity:False elim_diversity:True percentageCostSharing:0.7 k_elimDiversity:100

LsoInit:False
LsoToParents:False LsoToWorstOnes:True LsoToRandomSubset:True
percentOfPopuLso:0.1

reDiversificationScheme:False
RandomHardMutationThenLso:True percentHardMutation = 0.1

TIME: selectTime: 2.6087172178121714=>63.37117638979556
TIME: LsoTime: 0.2804630866417518=>6.813032709350811
TIME: elimTime: 0.8026947718400221=>19.499128393878387
TIME: AssesQualityTime:0.4238491095029391=>10.296177944305821
TIME: ReDiversityTime:1.6065744253305289e-06=>3.9027040031705636e-05
TIME: ReportTime: 0.000829781018770658=>0.02015710976505147
TIME: Total iterTime: 4.11656744663532=>100
TOTAL TIME:271.61802434921265

```