



```

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 = 2
alpha = 3
sharedCost_percentageOfSearchSpace = 0.01
I: 151 meanObjective:237057.82449896456 bestObjective:208507.78766403664 diff:28550.036834927916
diversityIndicator:0.2246572

mean_mutation:0.10000000000000007 mean_crossover0.7000000000000008
min_mutation:0.1 min_crossover:0.7

select_diversity:False elim_diveristy:True

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

reDiversificationScheme:False
RandomHardMutationThenLso:True percentHardMutation = 0.2

TIME: selectTime: 0.2675416516941904=>14.999555850815433
TIME: LsoTime: 0.15831701013426117=>8.875944439325329
TIME: elimTime: 1.0222863061538596=>57.31384420922146
TIME: AssesQualityTime:0.33499299295690677=>18.781173232915545
TIME: ReDiversityTime:1.5220894718801738e-06=>8.533499699516356e-05
TIME: ReportTime: 0.0005116320603730663=>0.028684332387263287
TIME: Total iterTime: 1.7836638254835115=>100
TOTAL TIME:271.29893732070923

```