costs

Best Path Cost
Mean Cost

Diversity

diversity Indicator
diversity mean

k values

k_selection
k_elimination

Mutation and crossover probabilit

meamMutation
meamCrossover

populationsize = 200
#selection & elimination
init_k_selection = 5
k_selection = 3
init_k_elimination = 5
k_selection = 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:246968.1031335321 bestObjective:217329.8229302815 diff:29638.280203250615
diversityIndicator:0.3829589999999997

mean_mutation:0.10000000001843101 mean_crossover0.700000001285236
min_mutation:0.1 min_crossover:0.7

select_diversity:False elim_diveristy:True percentageCostSharing:1

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

reDiversificationScheme:False
RandomHardMutationThenLso:True percentHardMutation = 0.2

TIME: selectTime: 0.27074889024098714=>18.0419460374921
TIME: LsoTime: 1.942316691080729e-06=>0.00012943053209565376
TIME: elimTime: 0.9174093834559123=>61.133586091038296
TIME: AssesQualityTime:0.3120388666788737=>20.793394163904015
TIME: ReDiversityTime:1.5513102213541667e-06=>0.0001033749585313896
TIME: ReportTime: 0.0004521433512369792=>0.03012956373327173
TIME: Total iterTime: 1.5006634521484374=>100
TOTAL TIME:225.17019987106323