Fixed interval GA -> runcase -> problemGen

Generator

Initial random network topology base on binary

Evaluator

Decode – network

Return fitness considered by Pareto multi-objective (decoy path, defense cost, MTTSF)

Observer

None

Terminator

Inspyred.ec.terminators.generation\_termination

Selector

NSGA2 based Tournament\_selection

Variator

Crossover: n-point-crossover

Mutation: bit\_flip\_mutation

Replacer

NSGA2\_nsga\_replacement

Migratory

None- server for multi-population typically for island model

Archiver

NSGA2 based best-archiver