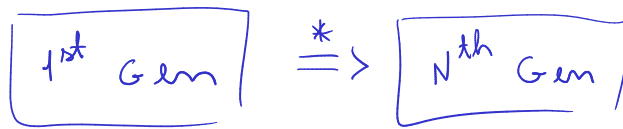


Basic Setup:



stop
conditions

- 2nd repetition
- 5 generations on a row with fitness decrease
- 5 generations on a row with fitness positive variation below 1%.

Variations:

- ① 2 points crossover
Random reproduction
mutation
- ② 2 points crossover
weighted randomness reproduction
mutation
- ③ 2 points crossover
Pair reproduction + weighted reproduction
mutation
- ④ 2 points crossover
Pair reproduction + weighted reproduction + selection
mutation

⑤ Uniform crossover
Random reproduction
Mutation

⑥ Uniform crossover
weighted randomness reproduction
mutation

⑦ Uniform crossover
Pair reproduction + weighted reproduction
Mutation

⑧ Uniform crossover
Pair reproduction + weighted reproduction + selection
Mutation