Genetic Algorithm for Eternity 2 puzzle

Local Data **Set** **Pool** **Tabu Search** **Solutions**

1 Instantiate Set and load puzzle

2 Instantiate Pool

loop [20]

3 Instantiate random solution and add to pool

loop [5000]

4 Select random parents

5 Perform crossover

6 Select best child and instantiate solution

7 Mutate the child

8 Evaluate child

9 Add mutated child to new pool

10 Instantiate tabu search

11 solve search for current child

12 update child

13 Update gene pool with mutated children

14 Output score history

15 Output the best solution for evaluation

16 Output the best solution for visualisation using processing

Local Data **Set** **Pool** **Tabu Search** **Solutions**