

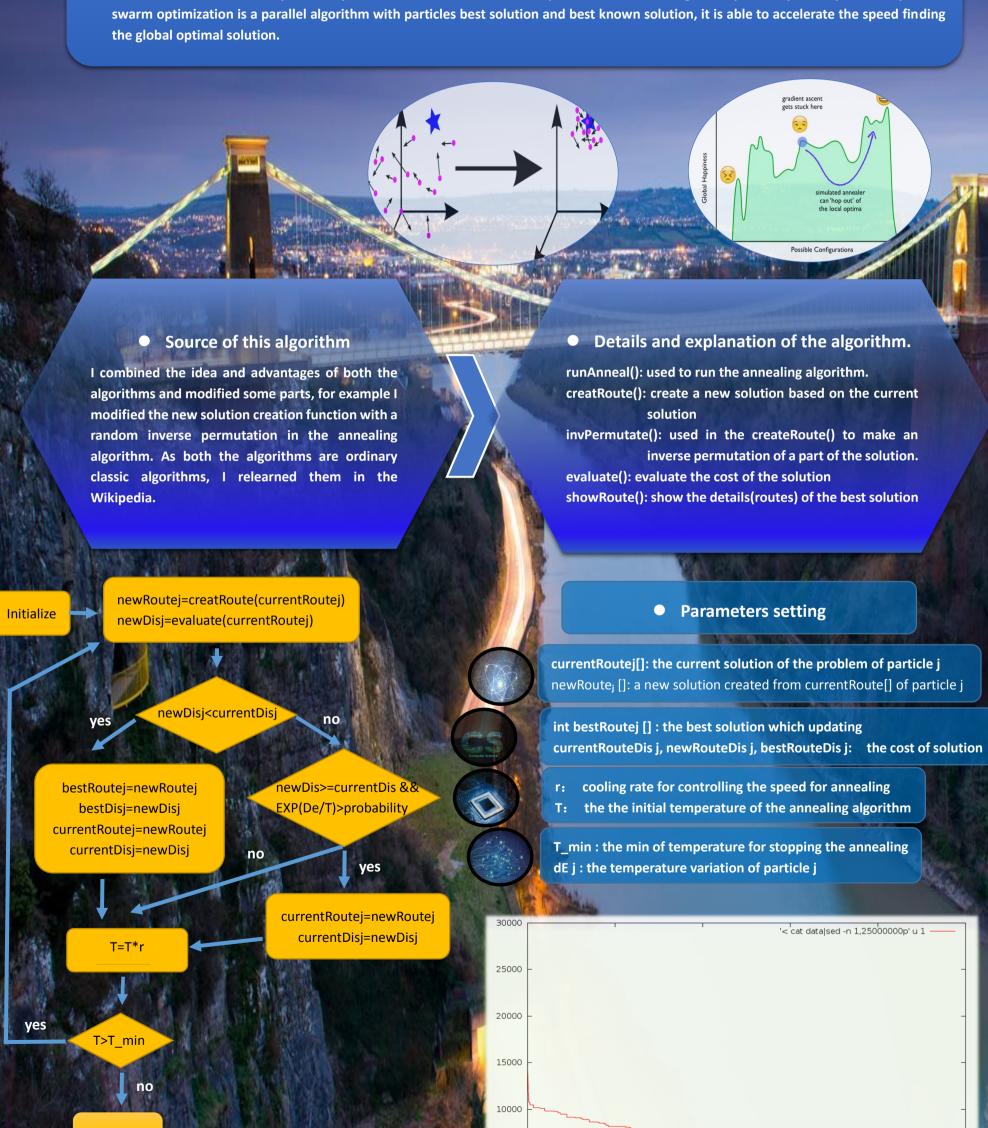
stop

## **CVRP Solution**

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Reason for simulated annealing algorithm and Particle Swarm Optimization

First, the structure of these two algorithms are easy to understand with a simple logic. Second, simulated annealing algorithm accepts a worse solution based on a probability, which is able to avoid a local optimum and obtain a global optimum probably. Third, particle swarm optimization is a parallel algorithm with particles best solution and best known solution, it is able to accelerate the speed finding the global optimal solution.



5000

5e+06

1e+07

le+07

1.5e+07

1.5e+07

2e+07

2e+07

2.5e+0