

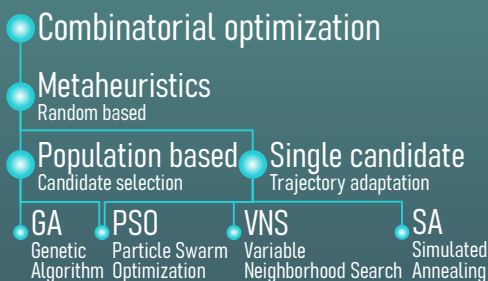
Machine Learning

Metaheuristic algorithms

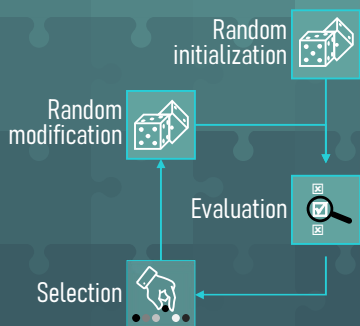
"Combinatorial optimization algorithm using trade-off of randomization and local search to spare time but without guarantee that optimal solutions will be reached"



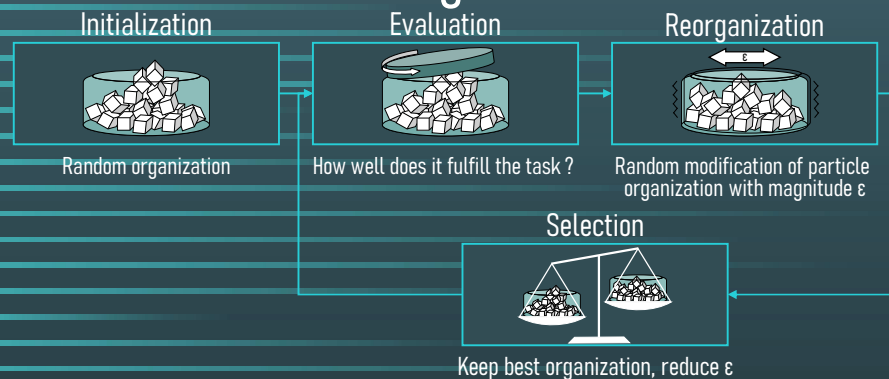
Family tree



General principle

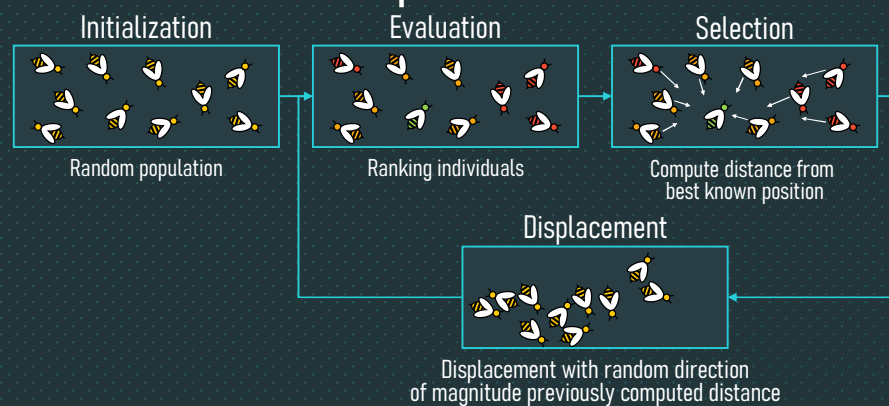


Simulated Annealing



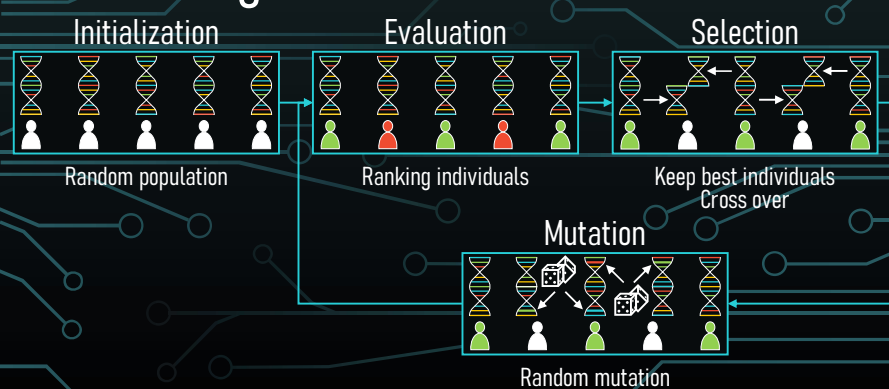
Particle organization represents combination to optimize

Particle Swarm Optimization



Bee spatial position represents combination to optimize

Genetic algorithm



DNA represents combination to optimize