Result

Genetic Algorithm

Genetic algorithm is an algorithm which excels at finding solutions at relatively shorter times compared to other algorithms, but due to the simplicity of the problem at hand it falls a bit short of the other algorithms.

Cultural Algorithm

The cultural algorithm which is an extension to the genetic algorithm takes more time than genetic algorithm to converge to a solution but that was not an issue for the problem at hand.

Particle Swarm Optimization

PSO is particularly good at handling a larger number of variables, so it performed well with the given problem.

Ant Colony Optimization

ACO fell behind PSO since ACO is more suited to solve problems like the travelling salesman problem while PSO is forte is parameter tuning.