GÖKSU GÜZ 150180715

REPORT

The maximum capacity path algorithms are used to solve some problems like path optimization problem (genetic algorithm) and in finding the best path possible on a road (particle swarm optimization). (1)

The first step takes O(n) time, second step takes O(1) time, third step takes O(n) time, fourth step takes O((n+m) logn) time. When finding time complexity, the range that takes the longest time is selected. Thus, the total time complexity is O((n+m)logn). (1)

RESOURCES

(1) A Modified Dijkstra's Algorithm for Solving the Problem of Finding the Maximum Load Path