Abstract

This paper presents an Ant Colony Optimization (ACO) approach used to find the optimal solutions in the routing problem; it is one of the swarm intelligent applications. The proposed method is used to determine the optimal path from source to destination for any size of networks. Optimal Path means the less cost path. The packets are sent from source node to destination node through all nodes from one to another, which are traveling through the computer network. ACO algorithm can successfully find the optimal path and reduce the time.

References

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Index Terms

Computer Science

Artificial Intelligence

Keywords

Ant Colony Optimization (ACO), Swarm Intelligent, Networks Routing, Optimal Path