

Abstract Details

Title: A Genetic Improved Routing Approach to Optimize Mobile Communication

Author: Kritika and Ajay Kumar Jaiswal

Abstract: Routing in Mobile network is one of the critical challenge because of adhoc and open network features. QoS is the important criteria to optimize the routing in these networks. In this present work, an improved genetic approach is defined to optimize the route selection in mobile network. The optimization is here defined under the parameteric specification. These parameters considered in this work are distance, energy and hop count vector. The presented work will try to identify the effective route that will cover the minimum hop along with distance and energy optimization. In this paper, the complete framework for genetic improved routing approach is defined. The obtained results shows the effective generation of route over the mobile network.

Keywords: Mobile Network, Flat Routing, Routing Challenges.