MODIFIED EFFICIENT ROUTE IDENTIFICATION ALGORITHM IN NETWORKS

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ABSTRACT

The route identification in today's networks becoming more difficult. If route was not chosen properly, the performance of the network decreases. If enough measures are not taken, this will lead to severe problems in future generation networks. Many parameters are involved in increasing the efficiency of the network. The proposed algorithm identifies the shortest route faster than Dijkstra's algorithm. The New algorithm provides efficient route identification from source-to-destination and also provides the alternate path under link failures which leads to much better performance compared to existing method. Ultimately, the outcome of this paper increases the efficiency of the network.

KEYWORDS: Dijkstras Algorithm, Link Failure, Network Efficiency