

An algorithm for the shortest distance path for a graph

H.El-zohny- Afaf Abd El kadr- Z. Mohammed*

Abstract:

In this article we determine the shortest distance path algorithm between any two distinct vertices for a given directed or undirected graph based on the binary search for the minimum weights for such paths and compute the time complexity for this algorithm and compare it with the previous algorithms for the same purpose.

*Al-Azhar university.