HARDWARE ORIENTATION TESTS FOR ESTABLISHING SHORTEST RELIABLE PATH IN COMPUTER NETWORKS

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Abstract

This research paper is about shortest path algorithms of routing in transportation networks. Efficient management of networks requires that the shortest route from one node to another is known. It is often necessary to be able to determine alternative routes through the network, in case any part of the shortest path is damaged or busy which the computation of shortest paths is one of the most fundamental problems. The paper also focuses in finding the shortest reliable path.