

زهراء وهاب رزاق

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shortest path in WSNS

Abstract

This project serves as a model for transmitting data in wireless sensor networks, with the data transfer process being done by determining the shortest path from the source node to the destination node. The tool used is the netlogo language, where the distribution of a group of sensor within a given area is simulated, the source and destination are determined, and then the shortest path is determined between to transmit the data, To reach the destination, the shortest path was achieved by searching for the next node located within the current source node's coverage area with the direction of the destination node each time.