

عنوان مقاله:

(A New method for Routing Optimization in Vehicular Ad Hoc Networks (VANETs

محل انتشار:

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خلاصه مقاله:

VANETs are a subset of MANETs in which vehicles are considered as network nodes. These networks have been created to communicate between vehicle and traffic control on the roads. VANETs have similar features to MANETs, and their main special property is the high-speed node mobility which makes a quick-change topology in the network. The rapid change of network topology is a major challenge in routing. One of the well-known routing protocols in VANETs is the AODV routing protocol. In this inquiry, nature-inspired algorithms such as GOA and GA are used to improve routing in VANETs to search the optimal configuration of the AODV routing protocol, and its impact on network evaluation criteria has been investigated. The rating measures applied in this research are the packet .delivery ratio, end-to-end delays, and normalized routing load

کلمات کلیدی:

VANETs, AODV routing protocol, nature-inspired algorithms

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