Abstract

Many applications are built in broadcast communication and thus efficient routing methods are critical. In this paper, DADCQ protocol is addressed. The advantage of this protocol is that it uses distance method to select the forwarding nodes in order to forward the data packets. This method depends completely on the decision threshold. In order to calculate decision threshold, node density, spatial distribution pattern and wireless channel quality is used. Broadcast protocols should be adaptive to all the changes in the network. They should also be adaptive to the all variations in the parameters. The proposed paper facilitates the impact analysis of distance dependent DSRC fading channel.

References

- M. J. Slavik and I. Mahgoub, "Designing Statistical Multi-Hop Wireless Broadcast
Performance Improvement of Channel Quality Adaptive Protocol for Effective Routing in VANET


Index Terms

Computer Science
Networks
Keywords
DADCQ  distance method  Rician fading factor  distance threshold