Abstract

WAVE is a Wireless Access in Vehicular Environment. At National highway, when we transfer a safety messages from one vehicle to another it reduces the messaging frequency, when there is a heavy contention in the channel, there may be a chances of message collision and because of this collision of messages, Basic Safety Messages (BSM) can not be transfer in WAVE environment and due to this, Message loss is occurred, So here we proposed a Network Coded Repetition scheme to recover that message loss in WAVE system. This method combines the packets from closed-by neighbour's and repeats that packet instead of that original packet, therefore creating the possibility of an increased number of packets recovery. It is used
to improve packet delivery in congested vehicular networks.

References


Index Terms
Collision Control of Safety Messages in Wave

Keywords
Basic Safety Message (bsm)  Dsrc  ieee 802.11p  Vanet  Wave