Vehicular ad-hoc networks (VANETs) offer a vast number of applications without any support from fixed infrastructure. These applications forward messages in a multi-hop fashion. Designing an efficient routing protocol for all VANET applications is very hard. Hence a survey on routing protocols based on various parameters of VANET is a necessary issue in vehicle-to-
vehicle (V2V) and infrastructure-to-vehicle (IVC) communication. This paper gives a brief overview of different routing algorithms in VANET along with major classifications. The protocols are also compared based on their essential characteristics and tabulated.

**Reference**

- F. Ros, P.M. Ruiz, and I. Stoimenovic, "Reliable and efficient broadcasting in vehicular ad hoc networks", IEEE the 69th Vehicular Technology Conference (VTC’09), Spain, April, 2009.

Index Terms

Computer Science
Wireless
### Key words

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