

Ad-hoc wireless networks and their application in transportation.

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Abstract: This topic focuses on exploring the capability of ad-hoc wireless networks in improving the performance and reliability of transportation systems. The objective is to build a theoretical model to optimize data transmission paths, while conducting experiments through applications in real-world scenarios. The research method combines both theory and experimentation to evaluate the effectiveness of the proposed solution. This topic is not only highly academic but also has broad potential for application in improving modern transportation systems.

Keywords: Ad-hoc wireless networks, urban traffic, data transmission optimization