Abstract

Detecting the vehicles and having a detailed behavior analysis of the vehicles and their behavior in a traffic surveillance system is an emerging area of research. Vehicle detection would be the first step to be addressed in this process. Various classes of vehicles are to be detected from the surveillance video and then they need to be classified based on various feature points. This paper brings out the different methods used for the vehicle detection from a video. An overview of the edge detection methodology is also given here, which is one of the methodologies used in vehicle detection.

References

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Application of Edge Detection for Vehicle Detection in Traffic Surveillance System

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**Index Terms**

Computer Science

Image Processing

**Keywords**

Intelligent Transport System  Background subtraction  optical flow  frame differencing  edge detection