Abstract

Moving vehicle detection is an essential process for Intelligent Transportation system. During the last decade, a large amount of work has been trying to produced output for this challenge; however, performances of most of them still fall far behind human perception. In this paper the object detection problem is studied, analyzing and reviewing the most important and newest techniques. We propose a classification of all these techniques into different categories according to their main principle and features. Moreover, study and point out their proposed methods, weather condition mentioned for the proposed methods and some other conditions like as jamming, shadow effects on the vehicles.

References


**Index Terms**

Computer Science
Automated Systems

**Keywords**

Vehicle detection jamming traffic monitoring