

A SURVEY ON APPLICATION OF AUTOMATIC BRAKING AND PEDESTRIAN SAFETY IN INTELLIGENT TRANSPORT SYSTEM

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ABSTRACT: Pedestrian Safety is one of the most typical problems meet in many situations. The main aim is to create an empowerment not only for pedestrian safety but to keep in mind to make the driving safer especially in specific scenarios. This logic robust to, special focus on the area of pedestrian in traffic to avoidance accident using devices fitted onboard vehicles and also to enhance vehicles safety. The innovative service is the important of timely identifying the pedestrians in traffic and alerts the vehicle which is closer for Automatic Braking and also to the entire successor vehicles for reducing the consequence of crashes. So, there is a need of through study on pedestrian safety and automatic braking in Intelligence Transport System (ITS). In this paper, a detailed survey has been collected to study the importance of the problem. This survey mainly focuses on the application of evolutionary based algorithms for the pedestrian safety in ITS. At end, formulated a problem along with few directions for further research.

Key words: Intelligence transport system, pedestrian safety, automatic breaking, evolutionary algorithms, genetic algorithm

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