Abstract

The main goal of this article is to offer various insights in the domain of lane detection system of ITS. More specifically, we provide an overview of various lane detection techniques by establishing several ways of categorization in tabular form. Finally, we spot the left over gaps both in research and in system level evaluation and propose research directions for bridging these gaps. A procedure of lane detection has also been discussed in this paper. Moreover analysis of accidents for last decade has been discussed.

References

2. MUFORS; (2011). "Malaysia Sees Increased Road Fatalities."
18. M. Aly, “Real time Detection of Lane Markers in Urban Streets”, In IEEE Intelligent Vehicles Symposium, pp. 7 - 12, 2008.

Index Terms

Computer Science       Pattern Recognition

Keywords

ITS, Lane Detection, Accident