Abstract

There are many researchers who have worked and are working on creating and developing many techniques in intelligent transportation systems with advanced driving assistances system which are able to ensure the safety in the roads and congested traffic conditions. The road accidents are the main causes for the sudden death in this world. Even though we have many good and advanced techniques in this world, we are left over with something to make it better than before. In this paper, a new technique for lane detection using fuzzy c means clustering and ant colony optimization has been devised. The algorithm performs very efficiently in case of the curved roads.

References

- Rotaru, C., Th Graf, and J. Zhang. "Special Cases of Lane Detection in
Improved Ant Colony based Optimization based Lane Colorization for Curved Lane Images


**Index Terms**

Computer Science  
Fuzzy Systems

**Keywords**

Lane Detection  
ACO  
Fuzzy C Means Clustering