Vehicle License Plate Detection and Recognition System

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Abstract

This is a survey paper on the Vehicle License Plate Detection and Recognition System. This system works in five phases. The first phase is the input given to the system which is an image of the vehicle with clearly visible license plate. The second phase is the localization of the license plate from the image. The third phase is the segmentation of the characters in the localized license plate. In the fourth phase the segmented characters are recognized using Artificial Neural Networks. In the fifth and final phase these recognized characters are stored in a database for further reference.

References

2. Fajas F, Farhan Yousuf, Remya P.R. “Automatic Number Plate Recognition for Indian
Vehicle License Plate Detection and Recognition System


Index Terms

Computer Science Pattern Recognition

Keywords

Artificial Neural Networks, database, histogram, region splitting, Vehicle License Plate Detection and Recognition System