Vehicle Number Plate Detection and Recognition of Characters by Image Processing

International Journal of Computer Applications
Foundation of Computer Science (FCS), NY, USA

Volume 179
Number 37
Year of Publication: 2018

Authors:
Siddharth Sircar, Shivam Alok, Pratima Sarkar

10.5120/ijca2018916846

Abstract

This paper presents the development of a vehicle number plate detection system that is capable of detecting a number plate and extracting the characters from the number plate. The approach is to build a predictive system to predict the position of number plate in an image, and hence, extract the characters from the number plate. The aim here is to predict the position of number plate efficiently in an image and extract characters form the number plate in minimum time.

References

Vehicle Number Plate Detection and Recognition of Characters by Image Processing


5. Xiaojun Zhai, Faycal Bensaali, “Standard Definition ANPR System on FPGA and an Approach to Extend it to HD” in IEEE GCC Conference and exhibition, November 17-20, Doha, Qatar, 2013


Index Terms

Computer Science

Image Processing

Keywords

Image processing, number plate detection, extraction of characters