Abstract

With the advance in technology, different types of machines are used to acquire the images. These sensors acquire information and make it in the form of images. Sometime these images are affected by some distortion like barrel and pincushion. This is because theses sensors have a mark focus on either centre or edge. As it focuses on one point so it cannot be removed but can be corrected after acquiring samples. A number of methods have been used to correct this type of distortion. The previous work which we took under consideration was to collect information by extracting some texture features using that feature to classify the image which will provide the correct information at some sort of point. So, there is still need to improve the results because texture feature. But also edge feature and key point information using different algorithms. Then collect information by classifying them using neural classifier which achieves 93% accuracy.
Distortion Correction using Enhanced Feature Extraction and Classification


Index Terms

Computer Science Information Sciences

Keywords
Barrel, Pincushion, Neural, Features.