



MULTI CLASSIFICATION TECHNIQUE FOR LOGO BASED DOCUMENT VERIFICATION

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ABSTRACT

Features extraction is very important process in image analysis. In this process first pre-process the image like convert the RGB image into grey scale image, resize the image. Then features are extracted by using different methods. Those features are used for document verification and classification. The document verification is very default task by the human being. This paper presents easy way to identify the document with organization wise on the logo based. This paper uses GLCM, SURF and LBP technique. In LBP method images are divided into number of blocks and take centre point of pixel as feature. It is time consuming method as compare to GLCM and Surf. For feature extraction. By using GLCM we have got 95.0% result, SURF gives us 96.0% result, LBP gives us 97.0% result. This paper combines three methods they give us 100% accuracy.

Keywords: Document Images, GLCM, SURF, LBP, ANN.
