Abstract

Feature Extraction is a process of extracting the point from the image such that the image can be compared and recognized easily and quickly. Since various feature extraction techniques are implemented so that it can be used for variety of applications such as face recognition. The existing technique implemented for the extraction of features such as SIFT, SURF are efficient in terms of accuracy of number of features extraction but can’t extracted all features from different types of images. Hence an efficient technique is implemented here for the efficient features extracted from images using combinatorial method of optimizing SIFT features extraction technique so that more number of features can be extracted.

References

A New Approach of Feature Extraction using Genetic Algorithm and SIFT

- Ales Prochazka and Jaromir Kukal, "Wavelet Transform Use for Feature Extraction and EEG Signal Segments Classification.

Index Terms

Computer Science

Algorithms

Keywords

SIFT Genetic Algorithm SURF HFE SVM.