Abstract

In this paper, the proposed system is Iris authentication using SIFT with SVM. This method provides best, accurate matching between two set of Iris. Iris authentication is one of the developing research fields in the biometrics. The features of the Iris image is extracted using SIFT algorithm. The features are perfectly extracted from eye image using this algorithm. Then the extracted features are given to the SVM classifier. The support vector machine is used as a
classifier, it accurately matches the two set of iris features quickly.

References

- CASIA-Iris INTERVAL. [online], available: http://www.cbsr.ia.ac.in.
- Web resource www.csie.ntu.edu.tw/~cj/in

Index Terms

Computer Science

Pattern Recognition
Keywords
Sift  Iris Authentication  Support Vector Machine (svm)