Abstract

In the area of iris recognition, the most difficult & complex part is iris segmentation. There are several different algorithms proposed & developed in recognition area. Iris recognition becomes more difficult in case of non co-operative environment. Most of the time due to some condition or situation an eye changes with respect to lens of camera, size, shape & iris pattern details will change as well as it is very difficult to match these samples with enrolled images using traditional method. The traditional algorithm can suitable for frontal iris images. In non co-operative environment there is no consistent location of eye in the image. Sometimes, the eye may have closed or blinking without a proper iris pattern or there is no eye in the image. When such situation occurs, the result of traditional iris image recognition method would dramatically decrease. So the real time image processing provides better information as compare to traditional method & it is proper solution as compare to processing a single image.

References

- Biometric history. August 2006.
Index Terms

Computer Science

Image Processing

Keywords

K-Mean  PCA  ICA  Iris  Pattern Matching