Abstract

In world, insecurity increases day by day, so there is a need for authentication which is more essential and challenging. Iris Recognition is one of the ways to secure authentication because of uniqueness and robustness. Human iris is one of the parts in the human body, which develops a unique pattern before birth, have produced very high rates of perception. But, still there are some challenges in iris authentication like Countering the effect of light reflection on images, if a person is suffering from light reflections on eye images affects the iris detection so that original information of this part of the image has been lost and also there is an observable difference in intensity values between this ‘light affected region’ and it’s surrounding darker region. There is effect on iris which creates problem in accurate detection, In order to avoid light reflection affecting the iris detection, a morphological operator is used. Localization of the iris borders in a watch image will be thought of as a significant step within the iris recognition method. There exist several algorithms to phase the iris. one amongst the segmentation ways, that's employed in several industrial iris biometric systems is associate rule called a Daugman's rule. The aim of this paper is to implement this rule victimization MATLAB programming
atmosphere.

References

1. Prof. Bharti L. Dhote1, Mr. Abhijit Kedari2, Miss. Shashanki Deshmane, Miss. Anuradha Gaikwad “Iris Recognition System for Secure Authentication”, IJETST-Volume||01||Issue||03||Pages 264-267||May||ISSN 2348-9480 2014.

2. Nathan D. Kalka, Jinyu Zuo, Natalia A. Schmid, Bojan Cukic Lane, “Image quality assessment for iris”, Department of Computer Science and Electrical Engineering, West Virginia University, Morgantown, WV 26506, USA.


12. Sachin Gupta Assistant Professor, Karnal, Haryana Ashish Gagneja Associate Professor,”Proposed Iris Recognition Algorithm through Image Acquisition technique” © 2014, IJARCSSE All Rights Reserved.

Index Terms

Computer Science Security
Keywords

Iris recognition, Daugman’s Model, morphological operator