

Abstract

Each human being body created by God uniquely by various combination of Infinite structure DNA and at all differ. Even the twin people even also have difference of character and other difference. Technology biometric exploit this unique to ensure that its only one who enlisted in system which enable enter system. One of type from type of technique biometric detection of iris. Iris is internal organ from eye. This membrane is in form of ring encircling pupil and give colour pattern of eye, There no one even also the same iris structure, even iris left eye and the somebody right even also differ. Random pattern slice to represent structure which remain to during life so that Iris to earn made passport or password life which not disturb to be brought or remembered.

At this final duty in making an application which can identify somebody of through pattern iris. Image processing started with process of segmentation and normalization, hereinafter of segmentation and normalization. Used of wavelet method transformation as extract distinguish and mahalanobis distance for the pattern recognition from iris. Eye image database is from Chinese Academy Of Sciences - Institute Of Automation(CASIA).

Keyword : Iris , biometrik, wavelet, mahalanobis distance, CASIA.