

ABSTRACT

Eyes is the important sense from five sense in human body. So, treatment and care to healthy of eyes I must be concerning by us, because interference of eyes can make blindness. so, detection of eyes illness, its very important to decrease that risk.

Purpose of paper is to implemented BAM (*Bidirectional Associative memory*) method that diskrit with input pattern is bipolar 1 dan -1 to detection of eyes illness, and to analyzed accurate with diagnosis expert.

This program implemented with *Visual Basic6* and *database Ms Access 2000*.

Accuracy and sensitivity detection of eyes illness achieve 92,5 % for test data.

keyword : BAM, bipolar, accurate *database*, detection