Abstract

Holy Qoran is the guid book for the moslem. Inside this book contain important informations. But this informations spread over the qoran by not sorted and not classified. Because of this, so it is very important to classify this infomations for make easy to looking for verses about something or looking for relations between verses each other.

Text classification is a subject which can solve this problem. In text classification, generally contain tree step that is feature identification, dimention reduction, and classification. In this thesis for the dimention reduction will use principal component analysis algorithm and for classification will use backpropagation algorithm.

From the observation and testing. The best result is 68.93 % showing accuracy system to recognized data testing.

Keyword : *text classification, backpropgation, principal component analysis.*