

Abstract

In use analyze wavelet there are a lot of important application can be found in so many area start from remote censoring until biomedical imaging. Studies which have been done intensively during last some years show that wavelet function appropriate function transformation to analyze texture at one particular picture. Texture classification represents one of piquancy for implementation to analyze wavelet. Giving some parameter at knowable texture hence how effectiveness from the analysis wavelet.

In this Final project "Comparison Study Analyze and Classification Texture Method on Wavelet" will test two decomposition method, nine wavelet filter transforms, and six classification method so that amount to one hundred eight method combination which tried with ten texture parameters to know influence every texture parameters from time and percentage mistake that happened.

From obtained result time classification process compare diametrical with method complexity and compare inversed to size measure parameter, rotation and brightness. Otherwise for percentage mistake on the contrary. And in general progressively a little more optimal amount sub band however storey level of higher classification mistake.

Keywords: wavelet, texture, classification, decomposition, filter, parameters.