ABSTRACT

Nowadays people can publish his work in the form of digital data easily and cheaply, and certainly accessible to many people over the internet. But the problem arises when someone else is claiming the job was his or convert part of the job. This leads to the need for copyright protection, one with the watermarking method.

The application of digital watermarking techniques in a particular image data, said to be good if the data entered is not visible to the naked eye and the image carrier are not decreased and the quality of the data inserted should be resistant to a variety of signal processing. In this final project will be implemented on video watermarking using Inverse Pyramid Decomposition Differences with Complex Hadamard Transform (IDP-CHT), which is expected to be obtained with video watermarking with good performance.

The insertion of watermarks is obtained through a method that changes the size of the logo is inserted will cause changes in the value of MSE and PSNR with a logo of 128 x 128 MSE and PSNR values are better than the 320 x 240. Video watermark is resistant to interference from additive Gaussian noise.

Key words: *watermarking, video, Inverse Difference Pyramid decomposition, Complex Hadamard Transform*