# *ABSTRACT*

*In this era of globalization, transitional information in the world, telecommunications, is the least commonly found. Steganography is the senior and the science of writing hidden messages so that only accept and accept who understand whether or not there are hidden messages. With the development of steganography techniques, increasingly in this science is also growing. For this reason, science is needed that can be used steganography, namely steganalysis. Steganalysis is a science capable of transferring hidden information. Steganalysis has also been widely accepted by many parties because of the benefits for those who have just been deleted.*

*The title of this final project is Detection of Insertion Position with Discrete Wavelet Packet Transform Method on the Video Files that the Audio Is Inserted in a Message by Psychoacoustic. The audio video has been inserted in a psychoacoustic message described with the Discrete Wavelet Packet Transform (DWPT) reviewed from each frame contained in the video file. In this study, a software was made that was able to detect the presence of hidden messages in the form of audio video files that the message inserted psychoacoustic.*

*The results of this steganalysis are able to detect the presence and position of hidden messages in the audio video file inserted by the message psychoacoustic with a system accuracy of 93 % for detection of the presence of messages and 71 % for the detection of position of hidden messages. This research can be used by interested parties such as the police to detect hidden messages so there is no misuse of information exchange.*

***Keywords****: Steganalysis, Discrete Wavelet Packet Transform (DWPT), Psychoacoustic, Video,*