

Abstract

The audio document as a cover in hiding other documents by inserting using steganography techniques is something that is already quite commonly found to protect the confidentiality of a person's message. In its readings and its detection required a technique to identify whether there is a message in an audio document, this is called steganalysis. Steganalysis involves searching for the existence of a message in a particular medium to know the contents of a message inserted in another medium.

In this research, a software that can detect the existence of a hidden message of text in a file with WAVE format. The method used to detect that is with discrete wavelet transform with mengkalsifikasikan with support vector machine classifier.

The results of this steganalysis can determine the accuracation system 90%. This study is expected to be used again for interested parties and has a need for confidential information and messages such as the police.

Keywords: Steganalysis, Steganography, Discrete Wavelet Transform, Support Vector Machine, WAVE.