

Abstract

Secret Data can be hidden in digital media, like image, audio and video, this method is called steganography. Digital steganography using digital media as cover that is called cover-object. Secret message can be used for embedding are image, audio, text or video. Media that contained a secret message are called stego-object. Generally, cover-object and stego-object are indistinguishable, we are not realizing that the existence of secret message in digital data is unknown. So, we need a way to monitor data digital, whether contained secret message or not.

Steganalysis is a method to find out whether in an object contained secret message or not. In this final project is implements steganalysis Macroscopic Quantity to detection steganografi OutGuess with using DCT transform. 5% up to 100% secret message were inserted in image digital that used 24-bit BMP and JPEG.

From conducted examination, we get that steganalysis error value up to 0%, or length of estimation secret message is 100%.

Keywords : *steganalysis, steganography, DCT, cover-object, stego-object.*