

Abstract

In order to make secret message just can be read or understood by certain people, needed a methode can be used to hide it. Steganography can be used to hide message in other medium, for example : image, audio and video. In this final project, explained and implementation about image steganography. .

Image is a kind of medium that can be used to hide a message. But, in image processing, like compression, rotation, etc, the secret message can be destroyed or loss. A right methode of steganography needed in order to hide secret message in image, so the message keep exist in image cover and the hiding message can be retrieval. In this final project, used masking – filtering methode of steganography.

Masking – filtering methode is categorized in spatial domain, done by modification luminance value from image. It is implemented in image 24 bit color or grayscale image. Masking is used to mark luminance value. Filtering, pass the value that is chosen . The result is stego image that more integrate with cover image and more robust, if it is compared with the other methode which is categorized in spatial domain like Least Significant Bit.

Keywords: steganography, image, masking – filtering, luminance, stego image