Abstract

With internet someone can communicate and sharing information with other easily and inexpencive.However the problem appears when someone else can take or get information they should not to know.It cause necessary protection for the secret data, one of the examples is steganography method in digital image.

The application of steganography in digital data especially image, it mention good if inserted data can not be visible in plain view, carrier image does not feel the decreasing of quality. In this final assignment steganography will be implement on digital image with Pixel Values Differencing (PVD) method on color image by expectation in good quality image of steganography result.

Insertion secret data in RGB color image improve hiding capacity than insertion secret data in a grayscale image. Divide into a set of non overlapping block of carrier image give result good quality of stego image than divide into a set of overlapping block, but the hiding capacity is less.

Keywords : *Steganography, Pixel Values Differencing, RGB, grayscale, non overlapping, overlapping*