

Abstract

Steganography, a word derived from Greek meaning “covered writing” ,is the hiding of a secret message inside another message so that no one can detect or decode the secret message. One of media that could be used is image.

Steganographic system that is being implemented with F5 algorithm uses matrix encoding to improve the efficiency of embedding. Thus it reduces the number of necessary changes. F5 employs permutative straddling to uniformly spreadout the changes over the whole stego image.

Stego image that is produced from this implementation will have big embedding capacity, good image quality either subjectively and objectively, and resistance againts statistical attack.

Key words: Steganography – data hiding, image, F5.