Abstract

This study presents the modification of the Least Significant Digit (LSD) Digital Watermark Technique based on optimizing the selection pixels in cover image. Specific pixel’s value in cover image will modified in not randomly way. Random selection of pixel's value will not achieve the accurate reliability. Optimizing selection reduces the number of pixel's value which will modified. In this study the Least Significant Digit (LSD) Digital Watermark Technique and The process of optimizing selection are applied. The digital watermark and digital cover image is in gray scale. The processing domain is in spatial domain.

References


Index Terms

Computer Science

Image Processing

Keywords

Watermarking, Steganography, Embedding, Extracting, Pixels