CSE/ECE 478 Digital Image Processing Project

METHODS IN DIGITAL STEGANOGRAPHY

By

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PROJECT DETAILS

Project Id	13	
Title	Methods in digital steganography	
Team Members	Kiruthika Kannan	2018702001
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Github Link	https://github.com/kiruthika-kannan/Steganography.git	

MAIN GOALS OF THE PROJECT
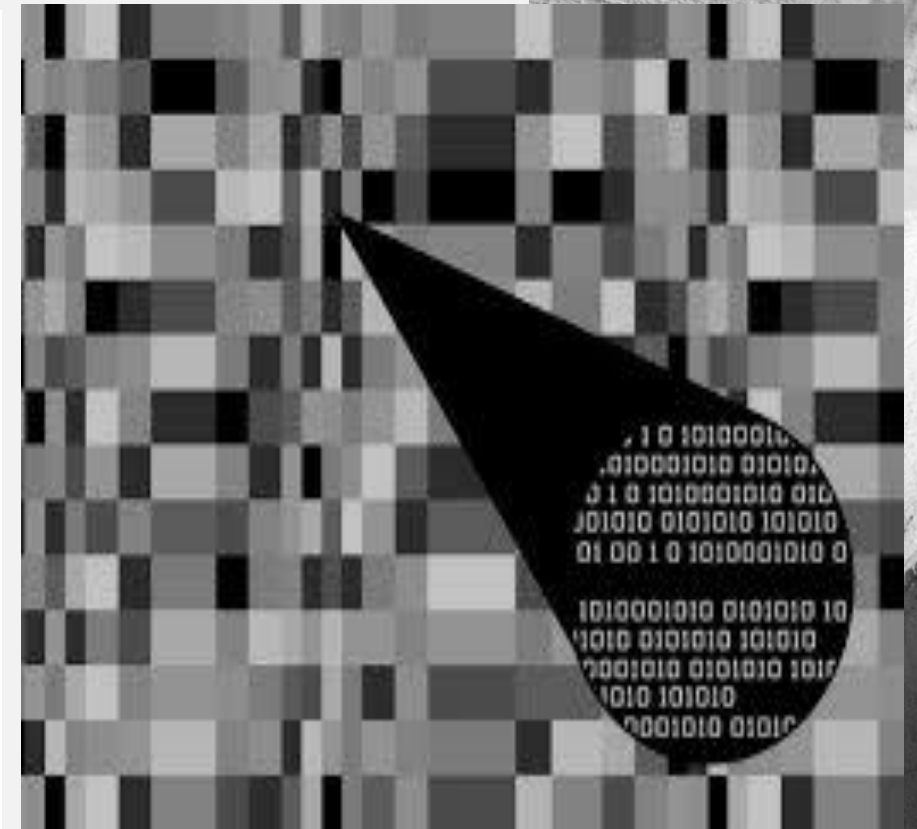
➤ Exploring

➤ Implementing

➤ Comparing

    different methods of digital image steganography:

- Spatial-domain steganography
- Frequency-domain steganography
- Adaptive steganography

PROBLEM DEFINITION

To efficiently conceal data in an image such that the hidden data (payload) in the stego-image is imperceptible to human vision system and the embedding is robust with respect to compression, cropping and image processing.

RESULTS OF THE PROJECT

- Stego-image output using different method of steganography for image in image embedding.

- Comparison of the different methods.

Cover Image

Image to Merge

Merged Image

Unmerged Image

TASKS

Ritu

- Steganography in image spatial domain
- Steganography in image frequency domain

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Kiruthika

- Methods in Adaptive Steganography

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PROJECT TIMELINE