A New Steganography Method for Gray Level Images using Parity Checker

Abstract

In the present study, we present a new steganography technique for hiding data in images using parity checker. This method uses the concept of odd and even parity for insertion and retrieval of message. This method is an improvement over earlier methods like least significant bit method and 6th, 7th bit method [1] for hiding information in images. Our method retains the advantages of above methods but discards the disadvantages of above methods and provides us the optimal results.

Reference

- Parvinder, Sudhir Batra and H R Sharma, “Evaluating the Performance of Message Hidden in First and Second Bit Plane, W SEAS Transaction on Information Science and
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Index Terms

Computer Science
Information Security

Key words

Parity Checker
Even Parity
Odd Parity
Pseudo

Random Number Generator

Steganalysis