Abstract

Visual cryptography is a special type of encryption technique where visual information (Image, Text etc) gets encrypted in such a way that decryption can be performed by Human Visual System with a computation free decryption process. The beauty of the visual secret sharing scheme is in its decryption process where without any complex cryptographic computation
encrypted data is decrypted using Human Visual System (HVS). But the encryption technique needs cryptographic computation to divide the image into a number of parts let n such that at least a group of k shares out of n shares reveals the secret information, less of it will reveal no information. In this paper we have discussed a technique called random sequence which needs very less computation for k-n secret sharing.

Reference

- Ranjan Parekh, “Principles of Multimedia”, TMH, 2006

Index Terms

Computer Science

Security
Key words

Visual Cryptography   Secret Sharing   Random

Sequence