Abstract

This paper introduces recursively hiding patient’s information using XOR based Recursive Visual Cryptography. The XOR based Visual Cryptography Scheme (VCS) encodes a secret image of data into several shares which are not understood by intruders individually. Here (2, 2) VCS is considered for paper. Its pixel expansion has more columns then original and same number of rows but the image quality is good when it is decoded than traditional VCS. The proposed method is using concept of stereography as many information can be hidden in an image using recursive Visual Cryptography.

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Index Terms

Computer Science                Security

Keywords

Visual Cryptography, Image decomposition, superimpose, Pixel Expansion