Abstract

In a very less time internet has got heights. In every organization internet is the main employee without which the organization will doom. Most of the work is done, saved, edited online. With this such well-developed backbone, one important issue arises, and that is cybercrime. If communication is done online, that means data is being transferred, and security of that data is important. For this Cryptography and steganography plays a very important role. Number of algorithms are working to maintain the security one of which is steganography using image. The major problem with it is that on hiding large amount of data the image get distorted, to solve this issue we propose the idea of finding the data in the image rather than hiding it. In this paper an algorithm has been proposed to increase the capacity of data to be hidden. The proposed algorithm works on the bit level and is specifically text in image steganography. The main part of the algorithm is the key generated after searching text in image. The key will be position matrix where the text will be hidden. This algorithm will help to increase the size of data to be hidden.
A Proposed Algorithm for Text in Image Steganography based on Character Pairing and Positioning


Index Terms

Computer Science Security

Keywords

Text information, Image, character pairing, position matrix.