Image steganography is a method of keeping the data in another image that will be recognized only by the recipient who will be receiving this data. No one is able to treasure the original data, only recipient can. Here, an improved version of X-box mapping for an image using steganography technique is presented[1]. Steganography is the way of keeping data or information in an image which cannot be seen by naked eyes. Only the recipient knows where
the data is. Least Significant-Bit (LSB) is most famous technique used in steganography techniques as it is easy and has large covering capacity. X-Box technique is only used for inserting different values. In this mapping method, X-Box will give safety of values and these values will be stored in random manner and that cannot be detected.

References

- Bassam Jamil Mohd., Saed Abed and Thaier Al-Hayajneh, Sahel Alouneh, &quot;FPGA Hardware of the LSB Steganography Method&quot;, 978-1-4673-1550-0/12/$31.00 ©2012 IEEE.

Index Terms

Computer Science  Image Processing

Keywords

Steganography Technique  X-box Mapping Method  Stego Image  Lsb Technique  Information Hiding.
Improved FPGA based X-Box Mapping of an Image using Steganography Technique