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Authors:

Anupam Mondal

Sudipta Sahana

Sainik Kumar Mahata

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Abstract

The growth of high speed communication networks and that of the Internet, in particular, has increased the ease of Information Communication. Steganography is the art and science of writing hidden messages in such a way that no one apart from the sender and intended recipient even realizes there is a hidden message. Steganography is mainly used to embed important information within images for encryption. This approach is better than cryptography in

secure data Transfer. Original message is being hidden within a carrier like images or video in such a way that the change in image or video is not observable. So the hidden message is difficult to detect without retrieval. In today's world, with the advancement of science and technology, we have plenty of security tools which are developed to protect the transmission of multimedia objects. But the development of security approaches for text messages are comparatively less. For hiding secret information in images, there exists a large variety of steganography techniques some are more complex than others and all of them have respective strong and weak points. In this paper, a secure pictorial block steganography based encryption and decryption algorithm is proposed to impose the concept of secrecy over privacy for transferring text messages.

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Index Terms

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Keywords

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