# Patent Search

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| Invention Title | A SECURE SYSTEM TO PROTECT DIGITAL DATA USING SIGNIFICANT BIT SUBSTITUTION STEGANOGRAPHY |
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**Abstract:**

Steganography method is the full digital data protection technique which is different from the normal cryptography where the user or individual can hidden messages with or without any knowledge. The present invention disclosed herein is a secure system to protect digital data using significant b comprising of: Data message (101); Cover image (102); Embedding algorithm (103); Key (104); Channel (105); Extracting algorithm (106); and Extracte provide high digital data protection with changes in the significant bit changes. The Least Significant Bit (LSB) in the message or in the image is modif to improve high data protection. The Steganography Method for the digital data protection by Least Significant Bit (LSB) is implemented for hiding th the information present. More secured stego image is created to protect the information present in the text or in the image using Matlab. This meth barcode and normal digital image quantitative with Peak Signal-to-Noise Power Ratio (PSNR), Mean (RMS) and Root Mean Square Errors (RMSE) in ea

Complete Specification

Description:FIELD OF INVENTION

The present invention relates to the technical field of Computer Science Engineering.
Particularly, the present invention is related to a secure system to protect digital data using significant bit substitution steganography of the broade in Computer Science Engineering.
More particularly, the present invention is related to a secure system to protect digital data using significant bit substitution steganography used to data protection with changes in the significant bit changes. The Least Significant Bit (LSB) in the message or in the image is modified in the present high data protection.

BACKGROUND & PRIOR ART

Digital Data Security can be achieved by using two major methods namely cryptography and Steganography. In cryptography, information is secure information in indistinguishable manner whereas in Steganography, information is secured by hiding the data with a suitable carrier. The user or a embedded secured messages with or without any knowledge in cryptography. As the coin contains two sides, we can treat steganography and Cry

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| TITLE OF INVENTION | A SECURE SYSTEM TO PROTECT DIGITAL DATA USING SIGNIFICANT BIT SUBSTITUTION STEGANOGRAPHY |
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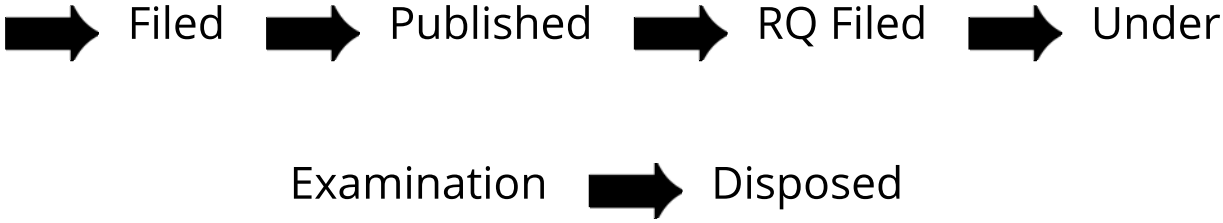


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