Abstract

In this paper, a steganographic technique for hiding secret data in image file formats is proposed. This technique uses the Quantized DCT coefficients for hiding the secret information. The proposed steganographic method can provide a high information hiding capacity and successfully increase the security.

References

- D. R. Denslin Brabin, Dr. V. Sadasivam, QET Based Steganography Technique for JPEG Images.
- Wei Zheng, Yanchang Liu, "Research in a Fast DCT Algorithm Based on JPEG"; IEEE, 2011, pp. 551-553.
- Image Source: www.1000pictures.com
- LibSVM ToolBox Available: http://www.csie.ntu.edu.tw/~cjlin/libsvm/

**Index Terms**

Computer Science  
Security

**Keywords**

Steganography  
Least Significant Bit Insertion  
Discrete Cosine Transform  
Steganography Algorithms