Abstract

Nowadays, as the technology has developed, methods need to be found out that not only hide the information but also hide the existence of that information. The art of hiding information is known as steganography. Till now many algorithms have been proposed for steganography but they suffer few or more drawbacks. This paper uses F5 algorithm for information hiding. F5 offers huge capacity for steganography. F5 is based on matrix encoding. The proposed system is evaluated on the basis of its ability to hide and retrieve the information correctly. In recent days video steganography is considered as a boon for secure and secret transmission of data. The main aim of this paper is to provide new ways of improving the existing methodologies to hide information. In continuation with this, we start by first describing the previously used algorithms and then enhancing them by describing the use of F5.
Secure Video Transmission


Index Terms

Computer Science
Security

Keywords
Steganography
Cryptography
F5 algorithm.