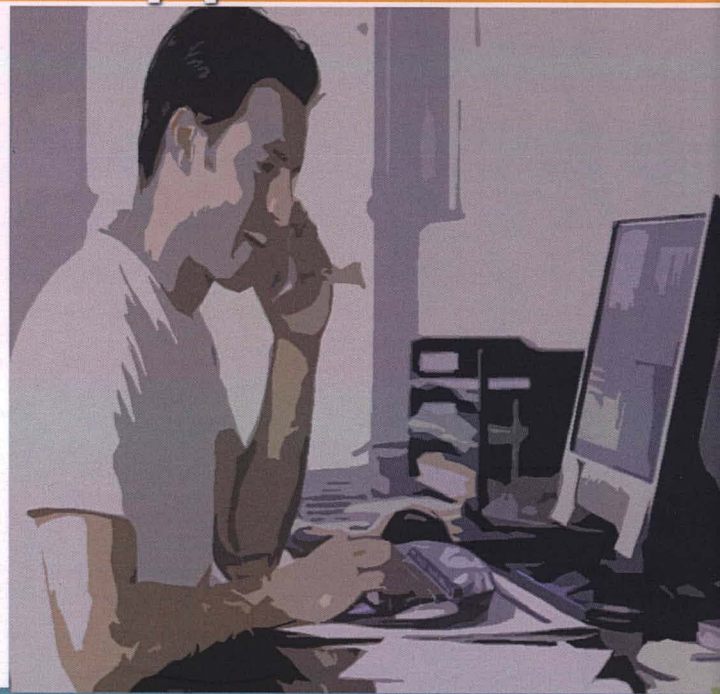


Computer Applications

Theories and Applications

Imad Fakhri Taha Al Shaikhli
Akram M. Zeki
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**Imad Fakhri Taha Al-Shaikhli, Mohammad A. Ahmad, Sondos
Alhussainan, Asadullah Shah**

ABSTRACT

Steganography is a technique used to hide a secret message inside some kind of media like video, audio, or image. A hash function is a transformation that takes an input values and returns a fixed-size string, which is called the hash value. This paper discusses the definitions of Least Significant Bit replacement “LSB replacement” as an example of steganography and Message Digest 5 “MD5” as an example of a hash function. The two protection mechanisms used together will increase the security of systems.

INTRODUCTION

Steganography is a technique used to hide a secret message inside some kind of media like video, audio, or image. A hash function is a transformation that takes an input values and returns a fixed-size string, which is called the hash value.