IMAGE ENCRYPTION USING CHAOTIC MAPPING

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ABSTRACT

The requirements of information security within an organization have undergone tremendous changes; Advances in networking and communication technology bring the business organizations worldwide working together as one entity. The common method of protecting the digital documents is to scramble the content so that the true message of the documents is unknown. There are various techniques to achieve this; For example, digital watermarking, steganography and cryptography. Based on chaotic mapping, implementation of image encryption is done.

The goal of security management is to provide authentication to users, and integrity, accuracy and safety of, an image-based data which requires more effort during encryption and decryption.