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Survey Report

A Survey on Bit keys in Cryptography

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ABSTRACT

A key in cryptography is defined as a piece of information that determines the functional output of an algorithm or cipher. In the process of Encryption, a key specifies the conversion of a plaintext into cipher text and cipher text into a plaintext during decryption. A *key* is a piece of variable data that is fed as input into a cryptographic algorithm to perform one such operation. Keys are widely used in other cryptographic algorithms, such as digital signature schemes and message authentication codes. Without the usage of keys, a specific algorithm would produce no valid result.

Keywords: Key, Cipher text, Encryption, Decryption.

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