

تبارك شاكر صادق

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Key Generation for Data Encryption Using Chaotic Map

Abstract

The proposed approach is designed depending on DNA computing and its operations such as (Encoding, Decoding, Addition, Subtraction, substitution, shifting, permutations and complement). To increase computation complexity, substitution operation for pixel with multi operation in diffusion was used. This algorithm designed depending on numbers standard functions in DNA and block cipher.