

MODIFIED ENCRYPTION SCHEMES BASED ON N - BASED CANNONICAL NUMBER SYSTEM

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Abstract

Cryptography is the study of mathematical techniques related to aspects of information security such as confidentiality, data integrity, entity authentication and data origin authentication. The sender sends the encrypted message that cannot be decrypted easily without the proper and apt key. Thus successfully avoiding an intruder. We encrypt the data using suitable algorithms. The concept of double base number system has shown some advantages in implementing any encryption scheme. In this paper a modified encryption schemes based on N -based canonical number system using public key cryptographic schemes is proposed.

Key Words : N -Based number system, Radix, Cryptography.

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