

عنوان مقاله:

Diffie-Hellman key exchange for self-Encryption over points on the Elliptic Curve Cryptography

محل انتشار:

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خلاصه مقاله:

Cryptography is the combination of Mathematics and Computer Science. Cryptography is used for encryption and decryption of data using mathematics. Cryptography transmit the information in an illegible manner such that only intended recipients will be able to decrypt the information. In the recent years, researchers developed several new encryption methods. Among such Diffie–Hellman encryption is the one laid a concealed platform for the researchers in Cryptography. Ever science several mathematical models were applied for encryption/decryption. In this paper, we introduced a Diffie–Hellman encryption, which uses points on the elliptic curve, and as an additional security the Fibonacci Q-matrix is introduced.

کلمات کلیدی:

Diffie-Hellman, Fibonacci sequence, encryption, decryption—

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