Secured image encryption by elliptic curve cryptographic technique 🛒

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Graphical Images including specific messages are constantly attacked. Frequently images like scanned debit and credit cards, identity cards contain secured information which are easily viewed by attackers. Numerous images are copied and reused by unauthorized people. Hence it is required to keep the graphical files secret by encrypting them and exposing the same to authoritative personnel only. Secured Image Encryption by ECC Technique proposes Image Encryption by using algorithms like Slicing, Shuffling, Merging and then Enciphering the image using Elliptic Curve Cryptography. Elliptic Curve Cryptography is popular algorithm that belong to Public Key Cryptography and is most suitable technique to provide same security level in lesser count of bits as compared to other PKC algorithms. The analysis and results reveal that the images that contain secure data and related to data privacy are secluded and are concealed to unauthorized person but are securely opened by authorized person.

Topics

Cryptography, **Data management**

REFERENCES

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