Improved of Elliptic Curves Cryptography over a Ring

Authors : Abdelhakim Chillali, Abdelhamid Tadmori, Muhammed Ziane

Abstract : In this article we will study the elliptic curve defined over the ring An and we define the mathematical operations of ECC, which provides a high security and advantage for wireless applications compared to other asymmetric key cryptosystem. **Keywords :** elliptic curves, finite ring, cryptography, study

Conference Title : ICSRD 2020 : International Conference on Scientific Research and Development

Conference Location : Chicago, United States

Conference Dates : December 12-13, 2020

1