Abstract

Currently, short signature is receiving significant attention since it is particularly useful in low-bandwidth communication environments. In this paper, a short signature scheme is proposed from weil pairing. The proposed scheme is efficient as lesser number of cost effective pairing operations involved. We analyze security and efficiency comparison of the proposed scheme with other short signature schemes.

References

4. SedatAkleyek, Barris Bulent Kirlar,2011, "Omer Sever, and ZalihaY"uce, Short Signature
A New Short Signature Scheme from Weil Pairing


Index Terms

Computer Science Pattern Recognition

Keywords

short signature; elliptic curve cryptosystem; weil pairing