



Visual Cryptography

The emphasis of the research, which is expressed in each one of our projects, is on the development of novel frameworks and theoretical provably secure solutions to problems arising from applications.

Verifiable secret sharing is an important primitive in distributed cryptography. With the growing interest in the deployment of threshold cryptosystems in practice, we propose practical verifiable secret-sharing protocol for asynchronous networks. The protocol creates a discrete logarithm-based sharing and uses visual cryptographic technique for shared information security.



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