On the performance of one perspective LSX-based block cipher. (English) [Zbl 1475.94095]

Summary: We consider certain performance issues related to one block cipher scheme that is based on LSX transformations. A number of software implementation tweaks that manage to improve total speed characteristics are presented, helping to understand general performance properties of the proposed scheme.

MSC:
94A60 Cryptography

Keywords:
block ciphers; LSX ciphers; fast implementations of cryptographic algorithms

Software:
OpenSSL; OpenCL; CUDA

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