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Implementation of an XSL block cipher with MDS-matrix linear transformation on NVIDIA CUDA.  (Russian. English summary)  [Zbl 07397135]  

Summary: In this article we consider NVIDIA GPU implementation aspects of an XSL block cipher over the finite field with MDS-matrix linear transformation. We compare obtained results with some other block ciphers. 

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CUDA; GPU; AES; GOST; KASUMI; block cipher; fast implementation 

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