# FAST BLOCK CIPHERS BASED ON SWITCHABLE SUBSTITUTION-PERMUTATION NETWORKS

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## TÓM TẮT:

There are designed 64 bit and 128-bit block ciphers using switchable substitution permutation networkt . Due to the switchablitity of the used networks it is provided possibility to perform direct or inverse cryptographic transformation cost. There are investigated the statistic properties of the constructed ciphers and their security against diferential analysis.