SATURNIN: a suite of lightweight symmetric algorithms for post-quantum security

Changes from Version 1 (March 29, 2019) to Version 1.1 (September 27, 2019)

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Changes with Respect to Version 1

- Page 7 in "Security claim for Saturnin block cipher": changed " $\mathcal{T}/p < 2^{112}$ " to " $\mathcal{T}^2/p < 2^{224}$ " (the new claim is stronger and matches the probability of success of Grover's algorithm with a reduced number of iterations)
- Page 8 in "Hash function": added $\mathcal{M}_q > 0$ (a quantum adversary uses at least one qubit)
- Correction of typos