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Department of Mathematics, National Institute of Technology Jamshedpur, India

List of Accepted Papers

1. Title: Higher Order c-Differentials.

Authors: Aaron Geary, Marco Calderini, Constanza Riera, and Pantelimon Stănică

2. **Title:** First-Order Side-Channel Leakage Analysis of Masked but Asynchronous AES.

Authors: Antoine Bouvet, Sylvain Guilley, and Lukas Vlasak

3. **Title:** Side-Channel Analysis of CRYSTALS-Kyber and A Novel Low-Cost Countermeasure.

Authors: Meziane Hamoudi, Amina Bel Korchi, Sylvain Guilley, Sofiane Takarabt, Khaled Karray, and Youssef Souissi

4. Title: A Suitable Proposal of S-Boxes (Inverse-Like) for the AES, Their Analysis and Performances.

Authors: Said Eddahmani and Sihem Mesnager

5. **Title:** A Method of Integer Factorization.

Authors: Zhizhong Pan and Xiao Li

6. **Title:** Towards a Black-Box Security Evaluation Framework.

Authors: Mosabbah Mushir Ahmed, Youssef Souissi, Oualid Trabelsi, Sylvain Guilley, Antoine Bouvet, and Sofiane Takarabt

7. Title: Multi-source Fault Injection Detection Using Machine Learning and Sensor Fusion.

Authors: Ritu-Ranjan Shrivastwa, Sylvain Guilley, and Jean-Luc Danger

8. Title: Secure Multi-Party Computation Using Pre-distributed Information from an Initializer.

Authors: Amirreza Hamidi and Hossein Ghodosixii

9. **Title:** Evolving Secret Sharing in Almost Semi-honest Model.

Authors: Jyotirmoy Pramanik and Avishek Adhikari

10. Title: Traceable and Verifier-Local Revocable Attribute-Based Signature with Constant Length.

Authors: Syed Taqi Ali