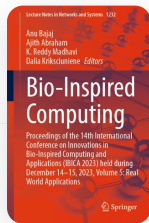


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# Area Efficient Lightweight Cipher System Implementation for Edge Device

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## Bio-Inspired Computing

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## Abstract

The lightweight security systems are essential for IoT and Edge devices because they strike a balance between security and resource constraints. They ensure that these devices can operate efficiently and securely in a wide range of applications while minimizing the risks associated with cyber threats and data breaches. Security in healthcare applications has increasingly become a

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