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IoT based mobile medical application for smart insulin regulation

B Sargunam - 2019 IEEE International Conference on ..., 2019 - ieeexplore.ieee.org

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Error Detection Schemes for Finite Field Multipliers

B Sargunam, R Dhanasekaran - American Journal of Applied ..., 2014 - Science Publications

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Area effective and speed optimized fused Add-Multiply unit

S Srinitha, **B Sargunam** - 2015 International Conference on ..., 2015 - ieeexplore.ieee.org

Multipliers are the obligatory component in most of the Digital Signal Processing applications. Designing high speed and low area multipliers are of substantial research interest. For attaining high speed, the Wallace high-speed multiplier utilizing Wallace tree ...

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High speed bit-parallel systolic multiplier over GF (2^m) for cryptographic application

B Sargunam, SA Mozhi... - 2012 IEEE International ..., 2012 - ieeexplore.ieee.org

A bit parallel systolic multiplier in the finite field GF (2^m) over the polynomial basis where irreducible polynomial generate the field GF (2^m) is presented. The complexity of the proposed multiplier is compared in terms of area, latency and speed with the existing ...

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Knowledge and practices regarding self-directed learning among undergraduates from a medical college in Kerala

SJ Yesubakthan, BS Sargunam, J Rajendran, BI Bhasy - International Journal of ..., 2019

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Wireless Patient Monitoring System with electronic Notice Board

..., S Priyadharshini, A Swethapushpa, **B Sargunam** - ijtet.com

Generally a notice board is used to promote some important information to a large number of people. Manual notice boards require enough time and man power to update information. As advancement, Electronic Notice Board (ENB) is used for immediate update of ...

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Certain investigations on finite field multipliers and their error detection methods

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Oven rack

TB Freese, GB Jackovin, IP Sargunam... - US Patent 7,347,198, 2008 - Google Patents

An oven rack for supporting food items to be cooked in a oven cavity of an appliance includes a frame portion and a support platform defined by a plurality of support members that establish a food item support zone and a food item access zone. The plurality of support ...

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Duplication based Error Detection for Montgomery Multiplier over Galois field

B Sargunam, R Dhanasekaran - 2014 IEEE International ..., 2014 - ieeexplore.ieee.org

Finite field multipliers found extensive use in the part of cryptography for the purpose of scalar multiplication. The output of those multipliers may have faults, which will lead the cryptosystem to malfunction. This paper introduces a Fault Tolerant technique, which should ...

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Area Efficient Sorting Unit Using Scalable Digital CMOS Comparator

B Sargunam, S Srinitha



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