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Area of Interest: VLSI Design, Communication

List of Publications

1. J.Nayanadhara devi, Dr.M.Revathi, Dr.A.Kaleel Rahuman "Concurrent Error Detectable Multiplier with observing point insertion" in International journal "SEYBOLD Report Journal" Volume 15, Issue 9, September-2020. (Scopus Indexed).

2. V.Kousalya devi, Dr.A.Kaleel Rahuman, Dr.M.Revathi, "Complex wavelet-UWB Doppler radar system for motion system" in International journal "SEYBOLD Report Journal" Volume 15, Issue 9, September-2020. (Scopus Indexed)

3. M.Revathy,PN.Sundararajan and M.Kasthuri,"Error detection and correction method for timing errors in registers",Indian journal of natural Sciences,Vol.10,Issue 27,Dec 2019(WOS)

4. M.Revathy,A.Kavitha and N.Ashokkumar,"Automatic identification of maritime alert system using GPS",International Journal of Engineering and Technology,Vol.3,Issue 1,July 2018(Scopus)

5. M.Revathy and A.Gokilavani, "An improved secure IC design using tunable delay gate", International Journal of Pure and Applied Mathematics,Vol.118.Issue 20,2018(Scopus)

6. M.Revathy and T.Evangeline Santhia,"An efficient error detection and correction method for timing errors, Journal of Advances in Chemistry,Vol.12,Issue 21,Dec 2016(Scopus)

7. M. Revathy and S. Sudha," Design and Analysis of Area & Energy Efficient Approximate Multiplier", Asian Journal of Research in Social Sciences and Humanities ,Vol. 6, No. 10,October 2016, pp. 260-275. ISSN 2249-7315.(Scopus)

8. M. Revathy and R. Saravanan," A Low-Complexity Euclidean Orthogonal LDPC Architecture for Low Power Applications", The Scientific World Journal, 2015, Article ID 327357, 8 pages(SCI)

9. M.Revathy and R. Saravanan, " Hybrid LDPC Decoder For High Error Detection and Correction Applications" International Journal of Applied Engineering Research, Vol. 10 No. 9(2015) pp. 24201-24214.(Scopus)

10. M.Revathy and R. Saravanan, " LDPC Decoder Based on Superimposing of Bit Streams For Low Power Applications" International Journal of Applied Engineering Research, Vol. 10 No. 9(2015) pp. 24215-24225.(Scopus)