

## List of Publications in International Journals since 2004: 113

2004

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2. Reddy, T.S., Jinaga B.C., Varadarajan. S, “Wavelet based algorithm for precipitation studies”, *AIP Conference Proceedings* Volume 923, 2007, Pages 138-142 (UGC Approved Journal no :48438)

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3. S.Siva Naga Raju, S.Varadarajan, 'Parameter Estimation of Flexible Space craft Using Least Square Estimation", *International Journal of Signal System Control and Engineering Application*, vol.1, No.2, pp:125-129, 2008
4. Mr.PolaiahBojja, Dr.S.Vardarajan, Dr.M.N.Giri Prasad, “Image Fusion Technique using Fuzzy Inference System and Neuro Fuzzy Inference Network and Applications”, *Technology Spectrum JNTU Hyd*, Vol.2, No.3, PP: 46-50, [ISSN:0974-6854] , Nov 2008

2009

5. T.Sreenivasulu Reddy, Dr G.Ramachandra Reddy, and Dr S.Varadarajan, “MST Radar signal processing using Wavelet based denoising”, *IEEE Geoscience and Remote Sensing Letters*, Volume: 6, No.4, pp 752-756, October 2009. [ISSN 1545-598X] Impact factor:1.2 (UGC Approved Journal No: 29840)
6. J.L Mazher Iqbal, S. Varadarajan, Memory Based and Memory Less Computation for Low-complexity Reconfigurable Digital FIR filter, Article in press, *WSEAS Transactions on Systems*, Manuscript ID: 306, Print ISSN: 1109-2777, E-ISSN: 2224-2678, Indexed in **ELSEVIER**, **SCOPUS**, ACM - Association for Computing Machinery, Zentralblatt MATH, EBSCO, SWETS, EMBASE, CAS - American Chemical Society, EI Compendex, Engineering Village, CiteSeerx, Cabell Publishing, Electronic Journals Library, EconLit - American Economic Association, SAO/NASA Astrophysics Data System, CSA - Cambridge Scientific Abstracts, Compendex®, GEOBASE, Biobase, TIB|UB - German National Library of Science and Technology, American Mathematical Society (AMS), Inspec - The IET, Ulrich's International Periodicals Director, SCIRUS
7. S.Siva Naga Raju, S.Varadarajan, E Anant Shankar, "LTI System Identification Using Wavelets", *Journal of Theoretical and Applied Information Technology*, Vol.10, No.1, pp.1-8, 2009. (UGC Approved Journal no: 11368) **SCOPUS**

8. Mr.PolaiahBojja, Dr.S.Vardarajan, Dr.M.N.Giri Prasad, "Evaluation and Self-Tuning Of Robust PID Controller Using Neural Network & Fuzzy Logic Controller For Non-Linear System - Simulation Study", *International Journal of Electronics and Electrical Engineering*, Vol. 6, No.9, ISSN: 0974-2042, Sep-Nov, 2009, pp. 12-19.

## 2010

9. J.L Mazher Iqbal, S. Varadarajan, "High Performance Reconfigurable Balanced Shared Memory Architecture For Embedded DSP", *International Journal of Computer Science and Information Security, IJCSIS, USA*, Vol. 8, No. 4, pp:198-206, July 2010, ISSN 1947 5500, Indexed in Google Scholar, SCIRUS, DBLP, Scientific Commons, DOAJ, .docstoc, CiteSeer, Scribd, Cornell University Library, Bielefeld Academic Search Engine (BASE), Microsoft Academic Search. <http://www.doaj.org/doaj?func=abstract&id=580163>
10. Mr.PolaiahBojja, Dr.S.Vardarajan, Dr.M.N.Giri Prasad, "Neural Network Based Self-Tuning Of PID Controllers Which Uses Pattern Recognition Technique For Nonlinear System", *i-manager's Journal on Future Engineering and Tech.*, Vol.5, No.2, PP:25-3[ISSN:0973-2632], Jan-2010. (UGC Approved Journal no :6357) **free journal**
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12. V. Padmanabha Reddy, S. Varadarajan. "An Effective Wavelet-Based Water marking Scheme using Human Visual System for Protecting Copyrights of Digital Images". *International Journal of Computer and Electrical Engineering*, vol. 2, No. 1, Pp. 1793-8163, February, 2010.
13. A.Maheswara Rao,S.Varadarajan M.N.Giriprasad, "A Channel State Based Rate Allocation Scheme In 802.16 Wi Max Networks" , *International Journal Of Emerging Technologies And Applications In Engineering, Technology and Sciences*. ISSN: 0974-3588, July 10 - Dec 10, Volume 3: Issue 2. pp 427-433. [ Impact factor 0.82] (UGC Approved Journal no : 44256)
14. S. Leela Laxmi, S. Varadarajan and V. Rajani Kanth, "On-Line Meteor Detection & Automation for VHF Radars Data Processing", *journal of data engineering and computer science*, vol.2 No.1 Jan-July 2010

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19. Mr.PolaiahBojja, Dr.S.Vardarajan, Dr.M.N.Giri Prasad, "Performance evaluation of PID controller with Fuzzy PID for Non-Linear process plant", *IEEE Journal of PACC2011.ISSN: 1558-884X*, Jul -2011, [Impact Factor: 0.622] (UGC Approved Journal no :64169)
20. N. Padmaja and S.Varadarajan, "Atmospheric Signal Processing using Wavelets and HHT " *Journal of Computations & Modelling*, volume.1, number 1, June 2011, pp.17-30 ISSN: 1792-7625 (print), 1792-8850 (online) International Scientific Press.
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25. J.L Mazher Iqbal, S. Varadarajan, “High Performance Reconfigurable FIR Filter Architecture Using Optimized Multipliers”, *Circuits, System, and Signal Processing*, **Springer Journal** No.34, DOI 10.1007/s00034-012-9473-3, August 2012, 2011 [Impact Factor 0.817], ISSN0278-081X(print), ISSN1531-5878 (electronic), Indexed in Science Citation Index Expanded (SciSearch), **SCOPUS**, INSPEC, Zentralblatt Math, Google Scholar, EBSCO, Academic OneFile, ACM Computing Reviews, ACM Digital Library, Current Contents Collections/Electronics & Telecommunications Collection, Current Contents/Engineering, Computing and Technology, Current Index to Statistics, EI-Compendex, Gale, International Bibliography of Book Reviews (IBR), International Bibliography of Periodical Literature (IBZ), Journal Citation Reports/Science Edition, Mathematical Reviews, OCLC, SCImago, STMA-Z, Summon by Serial Solutions, VINITI - Russian Academy of Science. (UGC Approved Journal no: 18639) **SCOPUS**
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