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Area of special - image processing

International Journals

1. **S. Deivalakshmi**, P. Palanisamy, "Removal of High Density Salt and Pepper Noise through Improved Tolerance based Selective Arithmetic Mean Filtering with Wavelet Thresholding", **Elsevier AEU International Journal of Electronics and Communications Engineering**, 70(6), pp.757-776, 2016.
2. **S. Deivalakshmi**, P. Palanisamy and X. Z. Gao, "Balanced GHM Multiwavelet Transform based Contrast Enhancement Technology for Dark Images using Dynamic Stochastic Resonance", **Taylor and Francis journal on Intelligent Automation And Soft Computing**, 2017, Vol. XX, no. X, 1–5.
3. **S. Deivalakshmi**, P. Palanisamy, Gireesh Kumar, "Contrast Enhancement Technique for Dark Images using Dynamic Stochastic Resonance and Complex Daubechies Wavelet Transform" 3rd **IEEE** international conference on Electronics and Communication Systems(ICECS 16) held at Coimbatore, 2016.
4. **S. Deivalakshmi**, P. Palanisamy, "Undecimated Double Density Wavelet Transform based Contrast Enhancement Technique using Dynamic Stochastic Resonance" **IEEE** 2nd International Conference on Signal and Image Processing (ICSIP) held at **Singapore**, during Aug 04-06, 2017, pp 95-100.
5. **S. Deivalakshmi**, Arnab Saha, "Raised Cosine Adaptive Gamma Correction for Efficient Image and Video Contrast Enhancement", Proc. of the 2017 **IEEE Region 10 Conference (TENCON)**, held at **Penang, Malaysia**, during Nov 05-08, 2017, pp.2363-2368.
6. **S. Deivalakshmi**, "Performance Study of Despeckling Algorithm for Different Wavelet Transforms", **IEEE** International Conference on Inventive Computing and Informatics (ICICI 2017), pp. 93-98.
7. **S. Deivalakshmi**, "Removal of Border Noise, Show through and Shadow Correction in Irregularly Illuminated Scanned Document Images", **IEEE** International Conference on Inventive Computing and Informatics (ICICI 2017), pp. 57-60.
8. **S. Deivalakshmi**, "A Simple System for Table Extraction Irrespective of Boundary Thickness and Removal of Detected Spurious Lines", **IEEE** International Conference on Inventive Computing and Informatics (ICICI 2017), pp. 69-75.

9. R. Samson Daniel, R. Pandeewari and S. Deivalakshmi, CPW-fed dual band antenna based on metamaterial inspired split ring structure, **IEEE** 2nd International Conference on Signal and Image Processing (ICSIP) held at **Singapore**, during Aug 04-06, 2017, DOI: 10.1109/SIPROCESS.2017.8124579, pp.437-440.
10. R. Pandeewari, R. Samson Daniel, **S. Deivalakshmi** and S. Raghavan, Non-Bianisotropic Split Ring Resonator Based CPW-Fed Dual Band Antenna, **IEEE** Region 10 TENCON 2017 held at **Penang, Malaysia**, during Nov 05-08, 2017, DOI: 10.1109/TENCON.2017.8228114, pp. 1606-1609.