

Dr. P.Palanisamy,

Professor

Electronics and Communication Engineering,

NIT Tiruchirappalli -620015

palan@nitt.edu

Area of Interest:

Adaptive Noise Cancellation, Array Processing For Bearing Estimation

International Journals

1. Hariharan.P.M., Anju Thomas, Nisha.J.S., Varun.P.Gopi, Palanisamy.P, "Pixel matching search algorithm for counting moving vehicle in highway traffic videos", Multimedia Tools and Applications, <https://doi.org/10.1007/s11042-020-09666-z>
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4. Gowri, K., Palanisamy, P. & Amiri, I.S., "Improved Method of Direction Finding for Non Circular Signals with Wavelet Denoising Using Three Parallel Uniform Linear Arrays", Wireless Pers Commun (2020). <https://doi.org/10.1007/s11277-020-07571-0>
5. S Gayathri, AK Krishna, VP Gopi, P Palanisamy, "Automated Binary and Multiclass Classification of Diabetic Retinopathy Using Haralick and Multiresolution Features", IEEE Access, Vol.8, 2020 (DOI: 10.1109/ACCESS.2020.2979753)
6. P.Gopinath, N.B.Shankar, P.Palanisamy and Varun P Gopi, "A hybrid feature preservation technique based on luminosity and edge based contrast enhancement in color fundus images" Biocybernetics and Biomedical Engineering (Elsevier), Vol. 40(2), pp.752-763 (2020)
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10. S.Deivalakshmi, Palanisamy.P and X.Gao, "Balanced GHM Mutiwavelet Transform based Contrast Enhancement Technique for Dark Images using Dynamic Stochastic Resonance, *Journal of Intelligent Automation and Soft Computing*, Vol. 25, no. 3, pp.459–471 (DOI: 10.31209/2018.1000000001).
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12. Srinivasarao Chintagunta and PALANISAMY P, "Spatial and Polarization Angle Estimation of Mixed-Targetsin MIMO Radar", *Progress In Electromagnetics Research M*, Vol.82, pp.49-59, 2019 .
13. Vikas R. Phate, R. Malmathanraj, P. PALANISAMY, "Clustered ANFIS weighing models for sweet lime (Citruslimetta) using computer vision system", *Journal of Food process Engineering (Wiley)*, 2019 DOI: 10.1111/jfpe.1316.
14. Yogeswararao Gurubelli, Malmathanraj Ramanathan, Palanisamy Ponnusamy, "Fractional fuzzy 2DLDA approach for pomegranate fruit grade classification" *Elsevier Journal of Journal Computers and Electronics in Agriculture*,162 (2019), pp-95-105. (<https://doi.org/10.1016/j.compag.2019.03.036>)
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56. H. Bitra and P. Palanisamy, "Closed form Capacity expression of Spatial modulation using Hypergeometric series," 2020 International Conference on Computation, Automation and Knowledge Management (ICCAKM), Dubai, United Arab Emirates, January 2020, pp. 527-530. (10.1109/ICCAKM46823.2020.9051504)
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