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Designation : Associate professor

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RESEARCH INTERESTS

IMAGE RECONSTRUCTION

.Academic Qualifications

Ph.D.(Mathematics),Utkal University,India

M.Phil,(Mathematics),Utkal University,India.

M.Sc,(Mathematics),Utkal University,India.

M.B.A.,IGNOU,India.

PUBLICATIONS

Research Publications

Journals

1. M. Dash and S. Pattanayak.On Convergence of Weighted Random Trigonometric Interpolation Polynomials Associate with Stable Process.Bulletin of the Allahabad Mathematical Society, Vol. 26, Part I, pp. 183-188, 2011.
2. M. Dash and S. Pattanayak.On Convergence in the Mean of Random Trigonometric Interpolation Polynomials.Journal of Orissa Mathematical Society, Vol. 30, No.1, pp.108-110, 2011.
3. M. Dash and S. Pattanayak.On almost sure convergence of random trigonometric interpolation polynomials.Indian Journal of Mathematics, Vol. 54, No.1, pp. 47-56, 2012.

4. M. Dash and S. Pattanayak. Reconstruction of the functions on the cylindrical objects from scattered data with noise-an application to tomography. Int. Journal of Computational Science and Mathematics, Vol. 4, No. 3, pp. 209-213, 2012.
5. M. Dash, J. Sahoo and S. Pattanayak. Almost sure convergence of Random Fourier Stieltjes series. Int Journal of Computational & Applied Mathematics, Vol. 7, No. 4, pp. 497-501, 2012.
6. M. Dash and S. Pattanayak. Behaviour of a reconstituted image disturbed by simulated noise-an application to tomography. Journal of Orissa Mathematical Society, Vol.31, No.2, pp. 17-23, 2012.
7. A. Subudhi, U.R. Acharya, M. Dash, S. Jena and S. Sabut. Automated approach for detection of ischemic stroke using Delaunay Triangulation in brain MRI images. Computers in Biology and Medicine 103, pp. 116-129, 2018. ELSEVIER.

Conferences (paper presentation)

1. M. Dash and S. Pattanayak. Random Fourier series and electrical circuits with Noise. International Conference CAMIST, NIT, Rourkela, 2010.
 2. M. Dash and S. Pattanayak. Reconstruction of functions on the cylinder from scattered data with noise. International Congress of Mathematics, Satellite Conference, Sambalpur University, Odisha, 2010.
 3. M. Dash and S. Pattanayak. On convergence in the mean of random trigonometric interpolation polynomials. National Conference of Mathematics, SOA University, Odisha, 2011.
 4. M. Dash and S. Pattanayak. Reconstruction of functions on the cylinder from scattered data with noise. 99th Indian Science Congress, KIIT University, Odisha, 2012.
 5. M. Dash and S. Pattanayak. Behaviour of a reconstituted image disturbed by simulated noise. National Conference of Mathematics, VIVTECH, Odisha, 2012.
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