

ICAIPA-2022 Paper presentation Schedule

Program Day-1 (18-07-2022) (Monday)

Paper Presentations (Parallel Session -1)

Session Chair: Durga Prasad Challa		
	Name	Title of the paper
16:15 – 16:30	D. Anjuna	Determination of a spatial load in a damped kirchhoff plate equation
16:30 – 16:45	Mohit Kumar	Recurrent Fractal Functions for α -Stable Noisy Data
16:45 – 17:00	Pratibha Verma	Existence and uniqueness of nonlinear integro-differential equations with variable order
17:00 – 17:15	Lavina Sahijwani	Approximate Controllability of Higher Order Riemann-Liouville Fractional Differential Systems with Non-instantaneous Impulses
17:15 – 17:30	Sarathkumar N S	Banach Spaces of GLT Sequences and Function Spaces

Paper Presentations (Parallel Session -2)

Session Chair: E. Shinelal		
	Name	Title of the paper
16:15 – 16:30	Pallavi Mahale	Convergence analysis of simplified Gauss-Newton method under heuristic rule
16:30 – 16:45	Pradeep Kumar	Well-posedness of an inverse problem for two and three dimensional convective Brinkman-Forchheimer equations with the final overdetermination
16:45 – 17:00	Krishnendu R	Lavrentiev Regularization Method with a New Source Condition and A Priori Parameter Choice Strategy
17:00 – 17:15	Suresh Babu Gopalkrishna	Inverse heat conduction with Tikhonov Regularization to Estimate the Unknown Heat Flux in Quenching Metals
17:15 – 17:30	Shubham R. Bais	Boundedness criterion for a class of integral operators on the Fock space

Program Day-2 (19-07-2022) (Tuesday)

Paper Presentations (Parallel Session -1)

Session Chair: Ajoy Jana		
	Name	Title of the paper
16:15 – 16:30	G. Divya	Reconstruction of the mass density by injecting small scaled/ high density cavities
16:30 – 16:45	Athira Babu	Numerical Solution of Fredholm Integral Equation with Green's type Kernel using B-spline Collocation
16:45 – 17:00	Prashant K Pandey	Variational approximation for fractional Sturm-Liouville problem
17:00 – 17:15	Sudipta Sarkar	Multiplication generated duals of a frame
17:15 – 17:30	Ankush Kumar	Simplified Gauss-Newton Methods for Nonlinear Ill-Posed Operator Equations in Hilbert Scales
17:30 – 17:45	Akshay S Rane	Zabreiko's Lemma in 2-Normed Spaces and it's Applications

Paper Presentations (Parallel Session -2)

Session Chair: K.P. Deepesh		
	Name	Title of the paper
16:15 – 16:30	Shanola Smitha Sequeira	Structure of hyponormal operators in the closure of AN-operators
16:30 – 16:45	Md Hasan Ali Biswas	Principal shift invariant spaces associated with special affine fourier transform
16:45 – 17:00	Ritu Nigam	Approximation of Weakly Singular Non-linear Volterra-Urysohn Integral Equations by Piecewise Polynomial Projection Methods based on Graded Mesh
17:00 – 17:15	Shivam Bajpeyi	Approximation by a Family of Exponential Sampling Type Operators
17:15 – 17:30	Repana Devendra	Mapping Cone of k-Entanglement Breaking Maps