Table of contents

Existence and stability results for fixed points of multivalued F contractions and application to Volterra type non homogeneous integral equation of second kind
Binayak S. Choudhury, Nikhilesh Metiya, T. Som, and Sunirmal Kundu 1

$k-$fractional Ostrowski type inequalities via $(s,r)-$convex
Ali Hassan and Asif R. Khan 16

Varying bandwidth parameter method on Kernel Gini index estimation
Komi Agbokou and Yaogan Mensah 29

Common fixed point result for multivalued mappings with applications to systems of integral and functional equations
Binayak S. Choudhury, N. Metiya, S. Kundu, and A. Kundu 42

Some fixed point results with integral type $(H,\psi)_F$-contraction
Özlem Acar 53

Equivalence of "generalized" solutions for nonlinear parabolic equations with variable exponents and diffuse measure data
Mohammed Abdellaoui and Hicham Redwane 60

On convex functions and related inequalities
Parvaneh Vaziri, Hadi Khodabakhshian, and Rahim Safshekan 91

A study on strong $\mathcal{A}^{\mathcal{I}}$-statistical convergence of sequences in probabilistic metric spaces
Prasanta Malik and Samiran Das 99

Continuous frames in n-Hilbert spaces and their tensor products
Prasenjit Ghosh and T. K. Samanta 116

A novel computational method for solving the fractional SIS epidemic model of two different fractional operators
Ali Khalouta 136

Edge resolving number of pentagonal circular ladder
Sunny Kumar Sharma, Vijay Kumar Bhat, and Sohal Lal 152

Periodic Gabor frames on positive half line
Owais Ahmad 171

α- Schurer Durrmeyer operators and their approximation properties
Mohd Raiz, Ruchi Singh Rajawat, and Vishnu Narayan Mishra 189

C_{12}-modules via left exact preradicals
Figen Takil Mutlu and Adnan Tercan 205

Some inequalities for sums involving the distance in metric spaces
Silvestru Sever Dragomir 213

A note on a algorithm studying the uniform controllability of a class of semidiscrete hyperbolic problems
Ionel Rovenţa and Mihai-Adrian Tudor 224

Large radial solutions of an overdetermined eigenvalue problems for the polyharmonic operator
Sami Baraket, Wafa Mtaouaa, and Ibrahim Zouhir 239

Local dynamics and bifurcation for a two-dimensional cubic Lotka-Volterra system (I)
Raluca Efrem and Mihaela Sterpu 247