

María Florencia Acosta, Hugo Aimar, Ivana Gómez, Federico Morana
 On the structure of the diffusion distance induced
 by the fractional dyadic Laplacian 157

Alberto Cabada, Nikolay D. Dimitrov, and Jagan Mohan Jonnalagadda
 Green's functions and existence of solutions of
 nonlinear fractional implicit difference equations
 with Dirichlet boundary conditions 167

Hermenegildo Borges de Oliveira
 Parabolic turbulence k -epsilon model with applications in fluid flows
 through permeable media 197

Michael Gil'
 An inequality for imaginary parts of eigenvalues of non-compact operators
 with Hilbert–Schmidt Hermitian components 241

Purbita Jana
 Anisotropic p -Laplace equations on long cylindrical domain 249

Gabriela Szajnowska and Mirosława Zima
 Positive solutions to a third order nonlocal boundary value problem
 with a parameter 267

Lutz Volkmann
 Weak signed Roman k -domination in digraphs 285

Instructions for authors 297