Contents

Martin Bohner, Bose Rani, Srinivasan Selvarangam, Ethiraju Thandapani
Oscillation of even-order neutral differential equations with retarded and advanced arguments — 831

Alberto Cabada, Om Kalthoum Wanassi
Existence and uniqueness of positive solutions for nonlinear fractional mixed problems — 843

Omar Dzagnidze
Smoothness conditions for functions of two variables — 859

Zhaoyong Huang
Duality pairs induced by Auslander and Bass classes — 867

Nabiullah Khan, Talha Usman, Mohd Aman, Shrideh Al-Omari, Junesang Choi
Integral transforms and probability distributions involving a generalized hypergeometric function — 883

Sergey V. Lapin
Homotopy invariance of the cyclic homology of $A_{\infty}$-algebras under homotopy equivalences of $A_{\infty}$-algebras — 895

Ivan K. Matsak
On the extreme values of $M/M/m$ queueing systems — 917

Feng Qi, Bai-Ni Guo
Some properties of the Hermite polynomials — 925

Mohd Arif Raza, Shakir Ali, Husain Alhazmi
$m$-potent commutators of skew derivations on Lie ideals — 937

Mehmet Ali Sarıgöl, Ravi P. Agarwal
Banach spaces of absolutely $k$-summable series — 945

Yinglei Song
On the induced matching problem in hamiltonian bipartite graphs — 957

Vijay K. Srivastava, Harish Chandra
Hypercyclicity, supercyclicity, and cyclicity of a weighted composition operator on $\ell^p$ spaces — 971

Ilija Tanackov, Ivan Pavkov, Đorđije Dupljanin, Nikola Zivlak
Algebraic approach to univariate polynomial derivation — 981

Francesc Tugores, Laia Tugores
Free interpolation for the Zygmund class — 989