

CONTENTS

Giuseppina Anatriello and Giovanni Vincenzi On H-Jacobsthal and H-Jacobsthal-Lucas sequences, and related quaternions	5
Dorin Andrica and Ovidiu Bagdasar A new formula for the coefficients of Gaussian polynomials	25
Igoris Belovas An inequality for the Selberg zeta-function, associated to the compact Riemann surface	37
S. Bilal, O. Carja, T. Donchev, N. Javaid, A. I. Lazu Relaxation of nonlocal m-dissipative differential inclusions	45
D. Deepthy and Joseph Varghese Kureethara On $L(2; 1)$ -Edge coloring number of regular grids	65
Ylmaz Durgun and Ayse Cobankaya Proper classes generated by closed submodules	83
Shyamal Kumar Hui, Daniel Breaz and Pradip Mandal f-biharmonic and bi-f-harmonic submanifolds of generalized ($k; -$)-space-forms	97
Zahid Iqbal and Muhammad Ishaq, Depth and Stanley depth of the edge ideals of the powers of paths and cycles	113
Erdal Karapinar, Ravi P. Agarwal Interpolative Rus-Reich-Ciric type contractions via simulation functions	137
Duangkamon Kitkuan, Poom Kumam, Vasile Berinde and Anantachai Padcharoen Adaptive algorithm for solving the SCFPP of demicontractive operators without a priori knowledge of operator norms	153

Bartłomiej Kluczynski	
On the existence and uniqueness of solution to Volterra equation on a time scale	177
Donal O'Regan	
Leray-Schauder alternatives for maps satisfying countable compactness conditions	195
Fazlollah Soleymani, Ali Akgul , Esra Karatas Akgul	
On an improved computational solution for the 3D HCIR PDE in finance	207
Venkatesh Usha, Dumitru Baleanu and Mani Mallika Arjunan	
Existence results for an impulsive neutral integro-differential equations in Banach spaces	231
Juntao Wang, Yanhong She, Ting Qian	
Study of MV-algebras via derivations	259