Table of contents

Several characterizations of the 4–valued modal algebras Aldo Victorio Figallo and Paolo Landini	154
Congruence relations on pseudo BE–algebras A. Rezaei, A. Borumand Saeid, A. Radfar and R. A. Borzooei	166
Strongly nonlinear variational parabolic initial-boundary value problems Youssef Akdim, Abdelmoujib Benkirane, Mostafa El Moumni and Aziz Fri	177
Solving nonlinear fractional differential equations using multi-step homotopy analysis method Hassan Al-Zou'bi and Mohammad Zurigat	190
Growth of certain combinations of entire solutions of higher order linear differential equations $Zinel \hat{a} abidine\ Latreuch\ and\ Benharrat\ Bela\"idi$	200
On fuzzy real valued asymptotically equivalent sequences and lacunary ideal convergence $Bipan\ Hazarika\ and\ Ayhan\ Esi$	209
Generalized Hermite-Hadamard type integral inequalities for s -convex functions via fractional integrals $Mehmet\ Zeki\ Sarikaya\ and\ Fatma\ Ertugral$	226
Sinc-Legendre collocation method for the non-linear Burgers' fractional equation $Kamel\ Al\text{-}Khaled$	234
Survey on distributed approaches to swarm intelligence for graph search problems $Sorin\ Ilie$	251
Socket extensions for esoteric languages Radu Dragoş and Diana Haliţă	271
Hilbert-Pach patte-type inequality due to fractional differential inequalities Josip Pečarić and Predrag Vuković	280
Nonlinear analysis on elliptic curves subspaces with cryptographic applications $Oana\ Adriana\ Ticleanu$	292