

## Contents

SR. ARWORN, K. DENECKE: Left-edge solid varieties of differential groupoids . . . . .	1-11
A. A. MEHEMED: A theorem describing the structure of set mappings between measure algebras . . . . .	13-20
B. JUNDONG, H. YONGZHEN: Oscillatory behaviour of the second-order nonlinear neutral differential equations with distributed delay . . . . .	21-30
Y. ZHOU, Y. YU, B. FENG: On the distance between adjacent zeroes of solutions of first order neutral differential equations . . . . .	31-40
M. LUPU: The Dirichlet problem for biharmonic equation in case of the half plane . . . . .	41-53
L. SKÓRA: Theorems on impulsive parabolic differential-functional inequalities . . . . .	55-66
P. MANNUCCI, D. A. TARZIA: The supercooled one-phase Stefan problem in spherical symmetry . . . . .	67-76
NGUYEN THANH LONG, ALAIN PHAM NGOC DINH, DUONG THI THANH BINH: Mixed problem for some semilinear wave equation involving Bessel's operator . . . . .	77-94
JIAN-GUO SI, XIN-PING WANG: Analytic solutions of a polynomial-like iterative functional equation . . . . .	95-103
D. JARUSZEWSKA-WALCZAK: One-step difference methods for mixed type differential-functional equations . . . . .	105-116
S. S. DRAGOMIR: A variational characterization of the best approximation element . . . . .	117-128
T. TRIF: Positive solutions of a nonlinear integral equation from biomathematics . . . . .	129-138
H. K. PATHAK, V. V. S. N. LAKSHMI, K. TAŞ, B. FISHER: A fixed point theorem in Banach spaces over topological semifields and an application . . . . .	139-143
MURSALEEN, M. A. KHAN, QAMARUDDIN: Difference sequence spaces defined by Orlicz functions . . . . .	145-150
H. ORYSZCZYSZYN: Inversive closure of metric affine space and its automorphisms . . . . .	151-155
V. POPA: Some fixed point theorems for compatible mappings satisfying an implicit relation . . . . .	157-163
J. MATKOWSKI, J. RÄTZ: A characterization of $L^p$ -norm with the aid of equality condition in the Hölder inequality . . . . .	165-170
A. K. GAUR: Irreducible $*$ -representations on Banach $*$ -algebras . . . . .	171-176
Y. MARTINEZ-MAURE: Geometric inequalities for plane hedgehogs . . . . .	177-183
K. ARSLAN, R. DESZCZ, C. MURATHAN, C. ÖZGÜR: Recurrent immersions . . . . .	185-193
A. PLUCIŃSKA: Some properties of polynomial-normal distributions associated with Hermite polynomials . . . . .	195-206
M. A. KŁOPOTEK: Partial dependency separation – a new concept for expressing dependence-independence relations in causal networks . . . . .	207-226