

Contents

M.H. Koulaei DIAGONAL MATRIX SCALING AND H-MATRICES	467
A.S. Sewalkar, S.A. Meshram TRANSIENT THERMOELASTIC PROBLEM FOR TWO REGION CONCENTRIC CYLINDER WITH PERFECT THERMAL CONTACT AT THE INTERFACE	477
Q. Liu, C. Deng ANALYSIS OF DYNAMICAL BEHAVIORS FOR A DELAYED SIS EPIDEMIC MODEL WITH INCUBATION PERIOD	495
Z. Erjavec ON A CERTAIN CLASS OF WEINGARTEN SURFACES IN <i>SOL</i> SPACE	507
O. González-Gaxiola, J.R. de Chávez SOLVING THE IVANCEVIC OPTION PRICING MODEL USING THE ELSAKI-ADOMIAN DECOMPOSITION METHOD	515
O.A. Daman, S. Sani AN $M/G/2$ QUEUE WITH A FINITE BUFFER UNDER DUAL CONTROL: STATIONARY LOST AND COST ANALYSIS	527
G.L. Light ELECTROMAGNETISM IN THE STANDARD MODEL	541
F.S. Salazar, M.A.P. Higuera A NOTE ON THE EXISTENCE OF SOLITARY WAVES TO THE REGULARIZED BENJAMIN-ONO ZAKHAROV-KUZNETSOV (rBO-ZK) EQUATION	557
M.S. El Khannoussi, A. Zertiti POSITIVE SOLUTIONS FOR SOME NONLINEAR DELAY INTEGRAL EQUATIONS	567
Sh. Najafzadeh, A. Ebadian, E. Amini UNIVALENT FUNCTIONS WITH NEGATIVE COEFFICIENTS BASED ON ORDER OF CONVOLUTION CONSISTENCE	579
I. Martinjak A FAMILY OF THE ZECKENDORF THEOREM RELATED IDENTITIES	593
F.P.B. Pola, I.R.V. Pola NUMERICAL SIMULATION OF NAVIER-STOKES EQUATIONS USING MAC METHOD IN CONFINED INCOMPRESSIBLE FLOWS	605
L. Ngartera, S. Diagne, Y. Gningue OPTIMIZATION AND ANALYSIS OF THE INDEX OF AIR QUALITY IN DAKAR BY THE PROCESS AUTO REGRESSIVE MOVING AVERAGE ARMA(2,1)	621
