

Contents

M. Gupta, B.S. Komal	
NUMERICAL RANGES OF WEIGHTED COMPOSITION OPERATORS ON $\ell^2(\mathbb{N}) - II$	637
G.L. Light	
REMARKS ON THE STANDARD MODEL	651
M. Farhloul, A.S. Mounim, A. Zine	
ON A STABILIZED FINITE ELEMENT METHOD WITH MESH ADAPTIVE PROCEDURE FOR CONVECTION-DIFFUSION PROBLEMS	667
J.C. Aguilar	
APPROXIMATION OF THE FREE BOUNDARY OF AN AMERICAN CALL OPTION BY FINITE DIFFERENCES ON PARALLELOGRAMS	691
M.K. Md Akhir, J. Sulaiman	
THE SOLUTION OF TRIANGLE ELEMENT APPROXIMATION FOR 2D HELMHOLTZ EQUATIONS USING QSGS METHOD	703
E.M.S. Ribeiro, G.A. Pratavia	
MODELING EMPIRICAL DISTRIBUTIONS OF FIRM SIZE WITH q -DISTRIBUTIONS	715
B. Fisher, F. El-Sirehy	
RESULTS ON THE DILOGARITHM INTEGRAL	727
S. Ndeuzoumbet, B. Mampassi	
ON RATIONAL AND ADAPTIVE SPECTRAL METHODS	739
J.S. Azevedo, S.P. Oliveira, F. Wisniewski	
WEIGHTED GAUSSIAN QUADRATURES FOR ORTHOGONAL WAVELET FUNCTIONS IN THE INTERVAL	757
Y.A.S. Wellot, C.S. Ngamouyih-Moussata, H. Nkounkou, T. Djaokamla	
AN ASYMPTOTIC APPROACH FOR DESCRIBING SILTING OF RIVERS	779
M.S.L.R. Mallika, S.A. Kumar, G. Sudheer	
INFLUENCE OF THE INTERFACIAL STIFFNESS CONSTANTS ON LAMB WAVE PROPAGATION IN A BI-LAYER	789
T. Lata, V. Tyagi	
NEW CONSTRUCTION TECHNIQUE FOR q -ARY HAMMING CODES FOR $r = 2, q \geq 3$	799
