

Contents

D.B. Karp, J.L. López

ON A PARTICULAR CLASS OF MEIJER'S G FUNCTIONS
 APPEARING IN FRACTIONAL CALCULUS.....521

M.U. Nsuami, P.J. Witbooi

A STOCHASTIC MODEL FOR HIV EPIDEMIC WITH
 TREATMENT AND INFLOW OF INFECTIVES.....545

D. Mondal, S. Sarkar (Mondal), S. Sen

EFFECT OF AN INFINITE SURFACE BREAKING, INCLINED,
 DIP-SLIP FAULT IN VISCOELASTIC HALF SPACE UNDER
 TECTONIC FORCES ON DISPLACEMENT,
 STRESS AND STRAIN.....569

G.L. Light

THE VECTOR FIELDS ACROSS THE TANGENT
 BUNDLE TO A SPINNING 2-SPHERE 585

M.M. Belavadi, T.A. Mangam

PLATT NUMBER OF TOTAL GRAPHS.....593

G. Omkar, S.V. Kumar

FINITE DIFFERENCE FORMULATION OF LIGHTHILL
 WHITHAM RICHARDS MACROSCOPIC MODEL
 FOR TRAFFIC FLOW PREDICTION 603

A. Qazza, R. Hatamleh

THE EXISTENCE OF A SOLUTION FOR SEMI-LINEAR
 ABSTRACT DIFFERENTIAL EQUATIONS WITH INFINITE
 B -CHAINS OF THE CHARACTERISTIC SHEAF 611

D.S.R. Grace, M.I. Sheela

MULTISPECTRAL MEDICAL IMAGE FUSION FOR
 ALZHEIMER DISEASE USING ADAPTIVE BLOOD
 FLOW WEIGHT BASED FUSION RULE.....621

B. Cheng, L. Cheng

SINGLE MACHINE SLACK DUE-WINDOW SCHEDULING
 WITH LINEAR RESOURCE ALLOCATION AND
 POSITION-DEPENDENT PROCESSING TIMES 637

W. Draid, N. Qatanani

NUMERICAL SCHEMES FOR SOLVING VOLTERRA
 INTEGRAL EQUATIONS WITH CARLEMAN KERNEL 647

R. Leelavathi, G.S. Kumar, M.S.N. Murty

NABLA INTEGRAL FOR FUZZY FUNCTIONS
 ON TIME SCALES.....669

J.K. Sebastian, J.V. Kureethara

PENDANT NUMBER OF GRAPHS.....679
