

Contents

M.D.I. Khan, M.A.R. Khan

MOMENTS OF GENERALIZED ORDER STATISTICS FROM
NEW WEIBULL-PARETO DISTRIBUTION AND
ITS CHARACTERIZATION 641

P.L. Antonelli, C.G. Leandro, S.F. Rutz

STOCHASTIC CANALIZATION OF PHENOTYPIC
DEFORMATIONS DURING ONTOGENESIS 655

A. Malek, M. Asadollahi

L^2 AND L^1 CONTROL THEORETIC SMOOTHING SPLINES 673

K. Trimèche

THE POSITIVITY OF THE HYPERGEOMETRIC
TRANSLATION OPERATORS ASSOCIATED TO
THE CHEREDNIK OPERATORS AND
THE HECKMAN-OPDAM THEORY ATTACHED
TO THE ROOT SYSTEM OF TYPE BC_2 687

C.A.P. Martinez, A.L.M. Martinez

ALTERNATIVE TO THE HYPERCOMPLEX
FOURIER TRANSFORM DEFINITION 717

V. Ambethkar, M. Kumar, M.K. Srivastava

NUMERICAL SOLUTIONS OF 2-D UNSTEADY
INCOMPRESSIBLE FLOW IN A DRIVEN SQUARE CAVITY
USING STREAMFUNCTION-VORTICITY FORMULATION 727

F.P.B. Pola, I.R.V. Pola

QUALITATIVE ANALYSIS OF MESH REFINEMENT
METHODS ON NON-CONVEX DOMAINS 759

M. Singh, A. Patel, R. Bajargaan

STUDY OF A ONE-DIMENSIONAL UNSTEADY
GAS DYNAMIC PROBLEM BY ADOMIAN
DECOMPOSITION METHOD 775
