

Contents

I. Dimovski, M. Spiridonova

EXACT SOLUTIONS OF BOUNDARY-VALUE PROBLEMS 307

O.G. Novozhenova

SOVIET PIONEERS OF FRACTIONAL CALCULUS
AND ITS APPLICATIONS:

II. MOSES ROZOVSKIY 325

A.A. Hamoud, K.P. Ghadle, M.Sh.B. Issa, Giniswamy

EXISTENCE AND UNIQUENESS THEOREMS
FOR FRACTIONAL VOLTERRA-FREDHOLM
INTEGRO-DIFFERENTIAL EQUATIONS 333

A.M. Musayev

ON SATURATION ORDER OF FUNCTIONS OF
SOME VARIABLES BY SINGULAR INTEGRALS 349

G.L. Light

ON THE MEAN OF SAMPLE-STANDARD-DEVIATION 359

P. Dheena, B. Elavarasan, K. Porselvi

IDEALS IN SEMIRING WITH INVOLUTION 371

C.A.P. Martinez, D.B. Costa, A.L.M. Martinez

CONVOLUTION THEOREM AND AN ALTERNATIVE TO
THE OCTONIONIC FOURIER TRANSFORM DEFINITION 379

M. Gashi

ON THE SYMMETRIC BLOCK DESIGN WITH PARAMETERS
(231,70,21) ADMITTING A GROUP OF ORDER 23 391

M. Aslam

($2n - 1$)-POINT NONLINEAR TERNARY
INTERPOLATING SUBDIVISION SCHEMES 413

H. Honda

LOCAL-IN-TIME SOLVABILITY OF TARGET DETECTION
MODEL IN MOLECULAR COMMUNICATION NETWORK 427

O.S. Obabiyi, A.A. Onifade

GLOBAL STABILITY ANALYSIS FOR LASSA
FEVER TRANSMISSION DYNAMICS WITH
OPTIMAL CONTROL APPLICATION 457
