

TABLE OF CONTENTS, JOURNAL OF COMPUTATIONAL ANALYSIS AND APPLICATIONS, VOL.11, NO.1, 2009

ON RELAXING THE POSITIVITY CONDITION OF LINEAR OPERATORS IN STATISTICAL KOROVKIN-TYPE APPROXIMATIONS, G.ANASTASSIOU, O.DUMAN,.....	7
STATISTICAL WEIGHTED APPROXIMATION TO DERIVATIVES OF FUNCTIONS BY LINEAR OPERATORS,G.ANASTASSIOU,O.DUMAN,.....	20
GAMMA BETA PRODUCTS, S.NADARAJAH,.....	31
A SUMMABILITY FACTOR THEOREM BY USING AN ALMOST INCREASING SEQUENCE, N.OGDUK,.....	45
AN IMPROVED ACTIVE SET FEASIBLE SQP ALGORITHM FOR THE SOLUTION OF INEQUALITY CONSTRAINED OPTIMIZATION PROBLEMS, Q.HU,W.CHEN,Y.XIAO,.....	54
REMARK ON DOUBLE LACUNARY STATISTICAL CONVERGENCE OF FUZZY NUMBERS,E.SAVAS,.....	64
WEIGHTED COMPOSITION OPERATORS FROM MIXED NORM SPACES INTO WEIGHTED BLOCH SPACES,S.STEVIC,.....	70
A NOTE ON THE FOURIER TRANSFORM OF $p$ -ADIC $q$ -INTEGRALS ON $Z_p$ ,T.KIM,.....	81
TWO FIXED POINT THEOREMS ON THREE COMPLETE UNIFORM SPACES,D.TURKOGLU,.....	86
EXISTENCES OF SOLUTIONS TO A CERTAIN CLASS OF FUNCTIONAL OPTIMIZATION PROBLEMS,Z.LUO,K.ZHANG,.....	93
GENERALIZED MONOSPINES AND INEQUALITIES FOR THE REMAINDER TERM OF QUADRATURE FORMULAS,A.ACU,N.BREAZ,.....	106
ON A NEW SYSTEM OF NONLINEAR VARIATIONAL INEQUALITIES AND ALGORITHMS,S.CHANG,H.LEE,C.CHAN,J.KIM,.....	119
ON L-FUZZY NORMED SPACES,H.EFE,.....	131
LIMITS OF ZEROS OF POLYNOMIAL SEQUENCES,X.ZHU,G.GROSSMAN,.....	140
THE FUNCTIONAL INEQUALITIES RELATED TO A DERIVATION AND A GENERALIZED DERIVATION,S.KANG,I.CHANG,.....	159

TABLE OF CONTENTS, JOURNAL OF COMPUTATIONAL ANALYSIS AND APPLICATIONS, VOL.11, NO.2, 2009

CONTROLLABILITY FOR THE IMPULSIVE SEMILINEAR FUZZY INTEGRODIFFERENTIAL EQUATIONS WITH NONLOCAL CONDITIONS AND FORCING TERM WITH MEMORY,Y.KWUN,J.S.PARK,J.H.PARK,.....	183
ITERATIVE APPROXIMATION TO COMMON FIXED POINTS OF A SEQUENCE OF NONEXPANSIVE MAPPINGS IN BANACH SPACES,J.JUNG,.....	196
A NOTE ON THE $p$ -ADIC $q$ -TRANSFORM OPERATOR,L.JANG,T.KIM,S.RIM,.....	210
ON SOME NEW NONLINEAR DISCRETE INEQUALITIES AND THEIR APPLICATIONS,Q.MA,J.PECARIC,...	215
EXISTENCE AND UNIQUENESS RESULTS FOR NONLINEAR CAUCHY PROBLEMS OF THE SECOND ORDER,C.MORTICI,.....	229
A KIND OF STEFFENSEN METHOD AND ITS THIRD-ORDER VARIANT,Q.ZHENG,C.WANG,G.SUN,.....	234
HOLOMORPHIC FUNCTIONS ON THE MIXED NORM SPACES ON THE POLYDISC II,K.AVETISYAN,S.STEVIC,.....	239
CRITERIA FOR FUNCTIONS TO BE WEIGHTED BLOCH,A.AHMED,.....	252
A RELATED FIXED POINT THEOREM ON TWO METRIC SPACES SATISFYING A GENERAL CONTRACTIVE CONDITION OF INTEGRAL TYPE,C.ALACA,.....	263
ON ITERATES OF CHENEY-SHARMA OPERATOR,A.BICA,.....	271
B-SPLINE SOLUTION FOR A SINGULARLY PERTURBED CONVECTION-DOMINATED DIFFUSION EQUATION,H.CAGLAR,N.CAGLAR,M.OZER,.....	274
APPROXIMATION OF FRACTALS GENERATED BY FREDHOLM INTEGRALS EQUATIONS,I.CHITESCU,R.MICULESCU,.....	286
SOME RESULTS FOR EQUILIBRIUM PROBLEMS AND FIXED POINT PROBLEMS IN HILBERT SPACES,Y.CHO,X.QIN,S.KANG,.....	294
WEIGHTED COMPOSITION OPERATORS BETWEEN WEIGHTED BERGMAN SPACES AND WEIGHTED BLOCH TYPE SPACES,E.WOLF,.....	317
THE TTF METHOD FOR THE INVERSE PROBLEM OF FINDING UNKNOWN SOURCE IN A HEAT EQUATION,A.FATULLAYEV,E.CAN,A.HALICI,.....	322
RANDOM FIXED POINT AND RANDOM BEST APPROXIMATION,H.NASHINE,R.SHRIVASTAVA,.....	338
ON BEHAVIOUR OF SOLUTIONS FOR THIRD ORDER NONLINEAR ORDINARY DIFFERENTIAL EQUATIONS WITH DAMPING TERMS,M.SENEL,P.TEMTEK,.....	346

EXTENDED CESARO OPERATORS FROM H-INFINITE TO ZYGMUND TYPE SPACES IN THE UNIT BALL,X.ZHU,.....	356
AN OPTIMAL ORDER ERROR ESTIMATE OF A LINEAR FINITE ELEMENT METHOD FOR SMOOTH SOLUTIONS OF 2D SYSTEMS OF CONSERVATION LAWS, X.JI,.....	364
TABLE OF CONTENTS, JOURNAL OF COMPUTATIONAL ANALYSIS AND APPLICATIONS, VOL.11, NO.3, 2009	
ERROR ESTIMATE ON CRANK-NICOLSON SCHEME FOR STOCHASTIC PARABOLIC PARTIAL DIFFERENTIAL EQUATIONS,X.YANG,Y.DUAN,W.WANG,.....	395
EXTENDED CESARO OPERATORS ON ZYGMUND SPACES IN THE UNIT BALL,Z.FANG,Z.ZHOU,.....	406
LINEAR COMBINATION OF LAPLACE AND GUMBEL RANDOM VARIABLES,S.NADARAJAH,.....	414
ON SOME NEW DOUBLE LACUNARY SEQUENCES SPACES VIA ORLICZ FUNCTION,E.SAVAS,.....	423
APPROXIMATE METHOD FOR SOLVING A NEUTRON TRANSPORT EQUATION,O.MARTIN,.....	431
WEIGHTED COMPOSITION OPERATORS BETWEEN THE LITTLE LOGARITHMIC BLOCH SPACE AND THE $a$ -BLOCH SPACE,S.YE,.....	443
AVERAGED ITERATES FOR NON-EXPANSIVE NONSELF-MAPPINGS IN BANACH SPACES,Y.SONG,Y.CHO,.....	451
ERROR ANALYSIS OF THE SEMI-IMPLICIT FOUR-STEP FRACTIONAL SCHEME AND ADAPTIVE FINITE ELEMENT METHOD FOR THE UNSTEADY INCOMPRESSIBLE NAVIER-STOKES EQUATION,X.YANG,W.WEI,Y.DUAN.....	461
A SQP ALGORITHM BASED ON A SMOOTHING LOWER ORDER PENALTY FUNCTION FOR INEQUALITY CONSTRAINED OPTIMIZATION,Y.CHEN,Q.HU,.....	481
ON A NEW APPLICATION OF QUASI POWER INCREASING SEQUENCES,H.BOR,.....	492
ON A SIMPLE CRITERIA OF CONVEXITY OF ORDER $a$ FOR MEROMORPHIC FUNCTIONS,A.CATAS,.....	500
THE SYMBOL SERIES EXPRESSION AND HOLDER EXPONENT ESTIMATES OF FRACTAL INTERPOLATION FUNCTION,X.DENG,H.LI,X.CHEN,.....	507
ON SOME GENERALIZED DIFFERENCE SEQUENCES SPACES OF INVARIANT MEANS DEFINED BY A SEQUENCE OF ORLICZ FUNCTIONS,A.ESI,.....	524
SOME CLASSES OF GENERALIZED DIFFERENCE PARANORMED SEQUENCE SPACES ASSOCIATED WITH MULTIPLIER SEQUENCES,A.ESI,.....	536

THE LYAPUNOV STABILITY FOR THE $\epsilon$ -REVISED DYNAMICS OF THE RIGID BODY WITH THREE LINEAR CONTROLS,D.COMANESCU,M.IVAN,G.IVAN,.....	546
SOME RESULTS ON THE STABILITY OF QUASI-LINEAR DYNAMIC SYSTEMS ON TIME SCALES,A.TUNA,S.KUTUKCU,.....	560
A NOTE ON THE FOURIER TRANSFORM OF FERMIONIC $p$ -ADIC INTEGRAL ON $Z_p$ ,L.JANG,T.KIM,D.KANG,.....	571
ON THE RELATIVE STRENGTH OF TWO ABSOLUTE SUMMABILITY METHODS,H.OZARSLAN,T.KANDEFER,.....	576
TABLE OF CONTENTS, JOURNAL OF COMPUTATIONAL ANALYSIS AND APPLICATIONS, VOL.11, NO.4, 2009	
ALGEBRAIC MULTIGRID PRECONDITIONER FOR A FINITE ELEMENT METHOD IN TM ELECTROMAGNETIC SCATTERING,K.KIM,K.LEEM,G.PELEKANOS,M.SONG,.....	597
ON THE CONVERGENCE OF THE ISHIKAWA ITERATES TO A COMMON FIXED POINT OF $2k$ MAPPINGS,S.SHAKERI,R.SAADATI,H.ZHOU,S.VAEZPOUR,.....	606
DOUBLE $s$ -CONVERGENCE LACUNARY STATISTICAL SEQUENCES,E.SAVAS,R.PATTERSON,.....	610
COMPUTATIONALLY TESTABLE CONDITIONS FOR EXCITABILITY AND TRANSPARENCY OF A CLASS OF TIME-DELAY SYSTEMS WITH POINT DELAYS,M.DE LA SEN,.....	616
ALPHA-STABLE PARADIGM IN FINANCIAL MARKETS,A.KABASINSKAS,S.RACHEV,L.SAKALAUŠKAS,W.SUN,I.BELOVAS,.....	641
THE NUMERICAL SOLUTION OF PARTIAL DIFFERENTIAL EQUATIONS WITH LOCAL POLYNOMIAL REGRESSION (LPR),N.CAGLAR,H.CAGLAR,B.CAGAL,.....	669
STABILIZATION OF THE WAVE EQUATION WITH NEUMANN BOUNDARY CONDITION AND LOCALIZED NONLINEAR DAMPING,R.CHARAO,M.ASTABURUAGA,C.FERNANDEZ,.....	678
GENERALIZED HAUSDORFF MATRICES AS BOUNDED OPERATORS OVER $A_k$ ,E.SAVAS,H.SEVLI,.....	702

SOME STABILITY AND BOUNDEDNESS RESULTS TO NONLINEAR DIFFERENTIAL EQUATIONS OF LIENARD TYPE WITH FINITE DELAY,C.TUNC,.....	711
A P1-P3-NZT FEM FOR SOLVING GENERAL ELASTIC MULTI-STRUCTURE PROBLEMS,C.CHEN,J.HUANG,X.HUANG,.....	728
A NOTE ON FACTORED FOURIER SERIES,H.BOR,.....	748
ON POINTWISE APPROXIMATION OF GAUSS-WEIERSTRASS OPERATORS,J.WANG,X.ZENG,.....	754