TABLE OF CONTENTS, JOURNAL OF COMPUTATIONAL ANALYSIS AND APPLICATIONS, VOL.13, 2011

TABLE OF CONTENTS, JOURNAL OF COMPUTATIONAL ANALYSIS AND APPLICATIONS, VOL.13, NO.1, 2011

Approximation Properties of Some Multivariate Generalized Singular Integrals in the Unit Polydisk, George A. Anastassiou and Sorin G. Gal,…….…….11

Some Properties of Chebyshev Systems, Richard A. Zalik,…….…….20

Solution to a Singular Integro-Differential Equation III, J.N. Pandey,……27

Some approximation theorems for functions of two variables through almost convergence of double sequences, G.A. Anastassiou, M. Mursaleen and S.A. Mohiuddine,…..…….37

Wavelet Transforms of Schwartz Distributions, J.N. Pandey,……..47

Quantitative Estimates in the Overconvergence of Some Complex Multivariate Generalized Singular Integrals in Polystrips, George A. Anastassiou and Sorin G. Gal,.……84

On special differential subordinations using a generalized Salagean operator and Ruscheweyh derivative, Alina Alb Lupas,……98

Certain special differential superordinations using multiplier transformation and Ruscheweyh derivative, Alina Alb Lupas,……108

On a subclass of analytic functions defined by Ruscheweyh derivative and multiplier transformations, Alina Alb Lupas,……..116

On special differential superordinations using multiplier transformation, A. Alb Lupas,…...121

Approximation Properties of Some Multicomplex Singular Integrals in the Unit Polydisk, George A. Anastassiou and Sorin G. Gal,……..127

Spaces with σ-compact finite weak-bases, Zhaowen Li and Qingguo Li,……..157

Statistical Lp-Convergence of Double Smooth Picard Singular Integral Operators, George A. Anastassiou and Oktay Duman,…….167

On the computation of the rank of triangular banded block Toeplitz matrices, Jie Huang and Ting-Zhu Huang,…….188

TABLE OF CONTENTS, JOURNAL OF COMPUTATIONAL ANALYSIS AND APPLICATIONS, VOL.13, NO.2, 2011

Approximation by nonlinear Lagrange interpolation operators of max-product kind on Chebyshev knots of second kind, Lucian Coroianu and Sorin G. Gal,…….211

Forward Continuity, Huseyin Cakalli,……..……..……..225

Almost periodic solutions to abstract semilinear evolution equations with Stepanov almost periodic coefficients, Hui-Sheng Ding, Wei Long and Gaston M. N'Guerekata……..231

Abstract metric spaces and approximating fixed points of a pair of contractive type mappings, M. Abbas, Mirko Jovanovic, S. Radenovic, Aleksandra Sretenovic, Suzana Simic,……..243

Optimal property of the shape of aeolian blade profile using cubic splines, Calin Dubau,…..254

Cauchy problem of the Δ ($\square^k$) operator related to the Diamond operator and the Laplace operator iterated k times, Chalermpon Bunpog,……264

Some algorithms for a class of set-valued variational inclusions in Frechet Spaces, Chaofeng Shi, Nan-jing Huang,……..272

On the Extended Kim's q-Bernstein Polynomials, S.-H. Rim, L.C. Jang, J. Choi, Y. H. Kim, B. Lee, and T. Kim,……..282

Inner Product Spaces and Functional Equations, Yeol Je Cho, Choonkil Park, Themistocles M. Rassias and Reza Saadati,……296

Fuzzy Functional Inequalities, Yeol Je Cho, Choonkil Park and Reza Saadati,……..305

A class of weighted holomorphic Bergman spaces, A. El-Sayed Ahmed and H. Al-Amri,….321

Existence and Iterative Approximations of Solutions for Nonlinear Implicit Fuzzy Resolvent Operator Systems of (A, η)-monotone Type, Heng-you Lan, Yongming Li and Jianfang Tang,……335

A Composite Iterative Method for Generalized Mixed Equilibrium Problems and Variational Inequality Problems, Thanyarat Jitpeera and Poom Kumam,……345

Coincidence and Common Fixed Points for Generalized Contraction Multi-Valued Mappings, Wutiphol Sintunavarat and Poom Kumam,……362

Random Common Fixed Points of Single-Valued and Multivalued Random Operators in a Uniformly Convex Banach Space, Poom Kumam,…….368

A Family of Barnes-Type Multiple Twisted q-Euler Numbers and Polynomials Related to Fermionic p-Adic Invariant Integrals on Z_p, Lee-Chae Jang,……376

Some results on analyticity with applications, Marin Marin,……388

TABLE OF CONTENTS, JOURNAL OF COMPUTATIONAL ANALYSIS AND APPLICATIONS, VOL.13, NO.3, 2011

Analytical and Numerical Solution of Non-Fourier Heat Conduction in Cylindrical Coordinates, Seyfolah Saedodin, Mohsen Torabi, Hadi Eskandar, Mohammad Akbari,..……411

Convergence Theorem for Mixed Equilibrium Problems and Variational Inequality Problems for Relaxed Cocoercive Mappings, Rabian Wangkeeree, Narin Petrot, Poom Kumam and Chaichana Jaiboon,……. ……..425

A Study on Almost Increasing Sequences, H.N. Ogduk Aybek,……..450

Forti's Approach in Fixed Point Theory and the Stability of a Functional Equation on Metric and Ultra Metric Spaces, F. Rahbarnia, Th. M. Rassias, R. Saadati and Gh. Sadeghi,……....458

New delay-dependent conditions for the robust stability of linear polytopic discrete-time systems, K. Ratchagit,……..463

On the Convergence of Solutions of Some Nonlinear Differential Equations of Third Order, Cemil Tunc and Erdal Korkmaz,…….470

New Boundedness Results for a Kind of Nonlinear Differential Equations of Third Order, Cemil Tunç and Timur Ayhan,……...477

On the Convergence of a Full Discretization Scheme for the Stochastic Navier-Stokes Equations, Yuanyuan Duan and Xiaoyuan Yang,…….485

Weighted Approximation Properties of Generalized Picard Operators, Basar Yilmaz, Ali Aral and Gülen Bascanbaz-Tunca,……..499

Boundary value problems for the second order impulsive functional differential equations, Guifang Liu, Zhenhai Liu, Jiangfeng Han and Shiping Chen,…….514

Fixed points of weakly contractions through occasionally weak compatibility, Nawab Hussain, Masood Hussain Shah and Stojan Radenovic,……532

Some Results in Hyper Λ-Fuzzy Spaces, Yeol Je Cho and Reza Saadati,…….544

Asymptotic stability of linear continuous time-varying systems with state delays in Hilbert spaces, Kreangkri Ratchagit,……...554

On Some Geometric Properties of Sequence Space Defined by de la Vallee-Poussin Mean, Necip Simsek,…….565

Fractional Differences and Integration by Parts, Thabet Abdeljawad and Dumitru Baleanu,…….574

Common fixed point theorem under contractions in partial metric spaces, Xi Wen and Xianjiu Huang,……...583

A Note on Carlitz's q-Bernoulli Measure, Taekyun Kim, Young-Hee Kim and Byungje Lee,……590

TABLE OF CONTENTS, JOURNAL OF COMPUTATIONAL ANALYSIS AND APPLICATIONS, VOL.13, NO.4, 2011

A Common Fixed Point Theorem of a Gregus Type on Convex Cone Metric Spaces, Thabet Abdeljawad and Erdal Karapinar,……....…….609

A Gregus type common fixed point theorem of set-valued mappings in cone metric spaces, T. Abdeljawad, P.P. Murthy and K. Tas,……622

The Existence of Weak Solution for Degenerate $\sum \Delta_{p_i(x)}$ -Equation, Ravi P. Agarwal, M.B. Ghaeme and S. Saiedinezhad,…….629

q-Euler Numbers and Polynomials Associated With Multiple q-Zeta Functions, Taekyun Kim, Lee-Chae Jang and Byungje Lee,……642

Numerical solution of Volterra integro-differential equations, S. Karimi Vanani and A. Aminataei,……654

Sandwich Theorems Associated With New Multiplier Transformations, Adriana Catas,……663

The rate of convergence of the q-analogue of Favard-Szász type operators, Çigdem Atakut and Ibrahim Büyükyazici,……..673

Multilateral Generating Functions for Classes of Polynomials Involving Multivariable Laguerre Polynomials, Mehmet Ali Özarslan and Cem Kaanoglu,……..683

On a new class $W^{p,q}$ of Segal algebras, Birsen Sagir, Cenap Duyar,…….692

Characterizations of Orthogonal Generalized Gegenbauer-Humbert Polynomials and Orthogonal Sheffer-type Polynomials, Tian-Xiao He,……..701

On the stability of quadratic double centralizers on Banach algebras, M. Eshaghi Gordji and A. Bodaghi,……...724

Generalized multi–valued contraction mappings, M. Eshaghi Gordji, H. Baghani, H. Khodaei and M. Ramezani,……730

Nearly higher derivations in unital C*−algebras, M. Eshaghi Gordji, R. Farokhzad Rostami and S.A.R. Hosseinioun,……734

Numerical solution of fuzzy differential equations by hybrid predictor-corrector method, Cheng-Fu Yang,…….743

On a Construction of Positive Linear Operators for Approximation of Continuous Functions in the Weighted Spaces, Tulin Coskun,……..756

The Pre-Schwarzian Derivative and Nonlinear Integral Transforms, R. Aghalary and A. Ebadian,……...771

The fixed point alternative and the stability of ternary derivations, A. Ebadian and Sh. Najafzadeh,……. 776

New Asymptotic Expansions of the Gamma Function and Improvements of Stirling's Type Formulas, Tomislav Buric and Neven Elezovic,……...785

TABLE OF CONTENTS, JOURNAL OF COMPUTATIONAL ANALYSIS AND APPLICATIONS, VOL.13, NO.5, 2011

A Study of Functional Properties of Weighted Lipschitz-Lorentz Spaces with Their Compact Embeddings, Ilker Eryilmaz,……....……..809

Nikol'skii-type inequality with doubling weights, Feilong Cao and Shaobo Lin,……822

Approximation by Boolean Sums of Jackson Operators on the Sphere, Yuguang Wang and Feilong Cao,…….830

On The Absolute Riesz Summability, W. T. Sulaiman,……843

On Necessary and Sufficient Conditions for Inclusion Relations for Absolute Summability, W. T. Sulaiman,…….850

Two generalized-Euler-constant functions estimated accurately, Vito Lampret,……857

Joint limiting distributions of maxima and minima for complete and incomplete samples from weakly dependent stationary sequences, Peng Zuoxiang, Weng Zhichao and Saralees Nadarajah,……875

Topological Spaces and Soft Sets, Xun Ge, Zhaowen Li and Ying Ge,……..881

A new application of quasi-monotone and almost increasing sequences, Huseyin Bor and H.S. Ozarslan,……..886

A note on a Tauberian theorem for (A, i) limitable method II, Ibrahim Canak,……892

Stability of Linear Non-Autonomous Systems, Yaowaluck Khongtham,……..899

Moment Functional and Orthogonal Trigonometric Polynomials of Semi-Integer Degree, G.V. Milovanovic, A.S. Cvetkovic and M.P. Stanic,…….907

Generalized Δ^m-Statistical Convergence in Probabilistic Normed Space, Ayhan Esi and M. Kemal Ozdemir,……..923

Solving Several Complex Variables Equations Numerically, Louis Paquette,……933

Approximation by polynomials and rational functions in Orlicz spaces, Sadulla Z. Jafarov,.....953

Fixed Points of Mappings Satisfying a New Condition in Cone Metric Spaces, Duran Turkoglu and Muhib Abuloha,……..963

Distribution of the roots of the second kind Bernoulli polynomials, C.S. Ryoo,……971

A numerical investigation on the structure of the roots of q-Genocchi polynomials, C.S. Ryoo,……977

A note on the second kind Genocchi polynomials, C.S. Ryoo,……986

TABLE OF CONTENTS, JOURNAL OF COMPUTATIONAL ANALYSIS AND APPLICATIONS, VOL.13, NO.6, 2011

A numerical computation of the roots of q-Bernoulli polynomials, C.S. Ryoo,……1005

A note on the q-Hurwitz Euler zeta functions, C. S. Ryoo,……1012

On the alternating sums of powers of consecutive odd integers, C.S. Ryoo,…….1019

Common Fixed Points of Generalized Multivalued Contraction on Complete Metric Spaces, H. Khandani, S.M. Vaezpour and B. Sims,……1025

Common Fixed Point and Invariant Approximation Results In Locally Convex Spaces, M. Goudarzi and S.M. Vaezpour,……1039

The Coupled Viscous Burgers Equations with Fractional-Time Derivative by the Homotopy Perturbation Method, M. Ghoreishi, A.I.B.Md. Ismail and A. Rashid,…….1054

Stability and boundedness of solutions of non-autonomous differential equations of second order, Cemil Tunç,……1067

Weakly Compact Composition Operators on Bergman Spaces of The Upper Half Plane, Zhi Jie Jiang,……..1075

Estimate for Heinz Inequality in the Small Dilatation of Harmonic Quasiconformal Mappings, Jian-Feng Zhu and Xiao-Ming Zeng,……...1081

Superstability of homomorphisms and derivations on C*−algebras: A fixed point approach, S. Kaboli Gharetapeh, M. Aghaei and T. Karimi,……....1088

Stability of Ternary Quadratic Derivation on Ternary Banach Algebras, S. Shagholi, M. E. Gordji and M. Bavand Savadkouhi,……..1097

Nearly Ternary Cubic Homomorphism in Ternary Frechet Algebras, S. Shagholi, M. E. Gordji and M. Bavand Savadkouhi,……..1106

On Common Fixed Point Theorems Without Commuting Conditions In TVS-Cone Metric Spaces, Erdal Karapinar and Ugur Yuksel,……..1115

Coupled fixed points for a class of contractions in partially ordered spaces and applications, Jiandong Yin,…….1123

The relaxed Newton-like method for a nonsymmetric algebraic Riccati equation, Jian-Lei Li, Ting-Zhu Huang, Zhi-Jiang Zhang,…….1132

The $W^{1,1}$-Seminorm Estimate for the Discrete Derivative Green's Function for the 5D Poisson Equation, Jinghong Liu and Qiding Zhu,…….1143

Existence of Extremal Solutions for Impulsive Fuzzy Differential Equations with Periodic Boundary Value in n-dimensional Fuzzy Vector Space, Young Chel Kwun and Jeong Soon Kim,……...1157

ε-Approximate Controllability for the Semilinear Fuzzy Integrodifferential Equations, Young Chel Kwun, Jeong Soon Kim, Min Ji Park, Jin Han Park……..1171

A Variational Principle for Conditional Pre-Image Entropy, Kesong Yan, Fanping Zeng and Bin Qin,……1180

TABLE OF CONTENTS, JOURNAL OF COMPUTATIONAL ANALYSIS AND APPLICATIONS, VOL.13, NO.7, 2011

Some Properties on the p-Adic Invariant Integral on Z_p Associated with Genocchi and Bernoulli Polynomials, Taekyun Kim, Lee-Chae Jang and Young-Hee Kim,……1201

On the q-Extension of the Twisted Generalized Euler Numbers and Polynomials Attached to χ, Y.H. Kim, B. Lee and T. Kim,……1208

Symmetric p-Adic Invariant Integral on Z_p for the Generalized Twisted Euler Polynomials, L.C. Jang, T. Kim and B. Lee,…….1214

Algorithm for a New System of Variational Inclusions with B-monotone Operators in Banach Spaces, Jiu-ping Xu, Xue-ping Luo and Nan-jing Huang,……1223

A Study of Uniquely Remotal Sets, R. Khalil and M. Sababheh,…….1233

On The Symmetric Properties for the Generalized Genocchi Polynomials, Seog-Hoon Rim, Eun-Jung Moon, Jeong-Hee Jin and Sun-Jung Lee,……..1240

A shift-splitting Jacobi-gradient algorithm for Lyapunov matrix equations arising from control theory, Sheng-Kun Li and Ting-Zhu Huang,…….1246

A New Proof of the Symmetric Properties for the Twisted Generalized Euler Polynomials of Higher Order, Seog-Hoon Rim, Young-Hee Kim, Byungje Lee and Taekyun Kim,……1258

On the Global Convergence for a Variant of SQP Method, Si-chun Wang,…….1263

Note on ω-limit set of a graph map, Taixiang Sun, Hongjian Xi and Hailan Liang,……1268

A generalized mixed additive-cubic functional equation, Tian Zhou Xu, John Michael Rassias and Wan Xin Xu,……..1273

Fast Gaussian elimination with pivoting for solving linear systems of rational Krylov matrices, Xiang Wang and Linzhang Lu,……1283

An Identity of Symmetry For The Generalized Euler Polynomials, Taekyun Kim,…….1292

On properties of Strongly Prequasi-invex Functions, Wan Mei Tang,……..1297

L^p ($p > 1$) Convergence results for Particle Filtering, Yuhua Guo and Xiaoyuan Yang,…..1309

A Derivative-Free Method for Nonlinear System of Equations with Global Convergence, Jianguo Zhang, Yun-Hai Xiao and Dangzhen Zhou…….1319

Note on p-Adic q-Euler Measure, Young-Hee Kim, Lee-Chae Jang, Taekyun Kim, Byungje Lee and Seog-Hoon Rim,……..1329

Wolfe type second-order symmetric duality in multiobjective programming over cones, Yu Chen and Zhi-Ming Luo,…….1335

A Multivariate Spectral Approach for Large Scale Nonlinear System, Zhensheng Yu and Jinhong Yu,……..1342