TABLE OF CONTENTS, JOURNAL OF COMPUTATIONAL ANALYSIS AND APPLICATIONS, VOL. 16, 2014

TABLE OF CONTENTS, JOURNAL OF COMPUTATIONAL ANALYSIS AND APPLICATIONS, VOL. 16, NO. 1, 2014

Switching Design for the Robust Stability of Nonlinear Uncertain Stochastic Switched Discrete- Time Systems with Interval Time-Varying Delay, G. Rajchakit,
Stabilization of Switched Discrete-Time Systems with Convex Polytopic Uncertainties, G. Rajchakit,
A Preconditioner for Block Two-By-Two Symmetric Indefinite Matrices, Chun Wen, and Ting-Zhu Huang,
Hyers-Ulam Stability of a General Diagonal Symmetric Functional Equation, Choonkil Park, and Hamid Rezaei,
General Decay of Solutions for a Singular Nonlocal Viscoelastic Problem with Nonlinear Damping and Source, Yun Sun, Gang Li, and Wenjun Liu,
Measuring Fuzziness of Generalized Fuzzy Rough Sets Induced by Pseudo-Operations, Zhan-hong Shi, and Zeng-tai Gong,
Global Analysis for Delay Virus Infection Model with Multitarget Cells, A.M. Elaiw, and M.A. Alghamdi,
The Parameter Reduction of Soft Sets and Its Algorithm, Zhaowen Li, and Ninghua Gao,.76
Functional Inequalities Associated With Bi-Cauchy Additive Functional Equations, Gang Lu, Choonkil Park, and Dong Yun Shin,
Robust CVaR-based Portfolio Optimization Under a Genal Affine Data Perturbation Uncertainty Set, Zhifeng Dai, and Fenghua Wen,93
Random Derivations on Random Normed Algebras, Jung Rye Lee, Choonkil Park, and Dong Yun Shin,

A Note on the q-Extension of Second Kind Euler Numbers and Polynomials, C. S. Ryoo,112
Some Properties of Bazilevic Functions Related With Conic Domains, Khalida Inayat Noor, Mohsan Raza, and Kamran Yousaf,
Some Characterizations in Some Möbius Invariant Spaces, A. El-Sayed Ahmed, A. Kamal, and Aydah Ahmadi,
Coefficient Bounds for Certain Subclasses of Close-to-Convex Functions of Janowski Type, Wasim Ul-Haq, Attiya Nazneen, Muhammad Arif, and Nasir Rehman,
Five-order Extrapolation Algorithms for Laplace Equation with Linear Boundary Condition, Pan Cheng, Zhi lin, and Peng Xie,
Sufficient Conditions for Univalence Obtained by Using First Order Nonlinear Strong Differential Subordinations, Georgia Irina Oros,
A Note on the Symmetric Properties for the Second Kind Twisted q-Euler Polynomials, C.S. Ryoo,
Sufficient Conditions for Functions to be in a Class of p-Valent Analytic Functions, M. Arif, M. Ayaz, W. Haq, and J. Iqbal,
Additive Functional Inequalities in Paranormed Spaces, Seo-Yun Yang, and Choonkil Park, 165
Some Identities for Bernoulli Polynomials Involving Chebyshev Polynomials, Dae San Kim, Taekyun Kim, and Sang-Hun Lee,
An Economical Aggregation Algorithm for Algebraic Multigrid (AMG), Liang-Jian Deng, Ting-Zhu Huang, Xi-Le Zhao, Liang Zhao, and Si Wang,

TABLE OF CONTENTS, JOURNAL OF COMPUTATIONAL ANALYSIS AND APPLICATIONS, VOL. 16, NO. 2, 2014

Relationship Between Lower and Higher Order Anti-Periodic Boundary Value Problems and Existence Results, Bashir Ahmad, Ahmed Alsaedi, and Afrah Assolami,......210

The Improved (G'/G)-Expansion Method to the (2+1)-Dimensional Breaking Soliton Equation, Hasibun Naher, and Farah Aini Abdullah,
A Multiple Attribute Group Decision Making Method based on Generalized Interval-valued Trapezoidal Fuzzy Numbers, Chao Liu, and Peide Liu,
Note on the Second Kind Barnes' Type Multiple q-Euler Polynomials, C. S. Ryoo,246
The Approximation and Growth Problem of Dirichlet Series of Infinite Order, Hua Wang, and Hong-Yan Xu,
Weak and Strong Convergence Theorems of Proximal Point Algorithm for Solving Generalized Mixed Equilibrium Problems and Finding Zeroes of Maximal Monotone Operators in Banach Spaces, Withun Phuengrattana, Suthep Suantai, Kriengsak Wattanawitoon, Uamporn Witthayarat, and Poom Kumam,
On a class of Two Dimensional (w,q)-Bernoulli and (w,q)-Euler Polynomials: Properties and Location of Zeros, N.I. Mahmudov, A. Akkeleş, and A. Öneren,
Some Identities of Polynomials Arising From Umbral Calculus, Dae San Kim, Taekyun Kim, and Seog-Hoon Rim,
An Incomplete Discontinuous Galerkin Finite Element Method for Second Order Elliptic Problem, Fuzheng Gao, and Feng Qiao,
Leader-Following Consensus of Multi-Agent Systems with Memory, Xin-Lei Feng, and Ting-Zhu Huang,
Tripled Coincidence Points for Mixed Comparable Mappings in Partially Ordered Metric Spaces, Jiandong Yin,
Fixed Point Theorems for a Banach Type Contraction on Tvs-cone Metric Spaces Endowed with a Graph, Prasit Cholamjiak,
Approximate (m,n)-Cauchy-Jensen Mappings in Quasi-β-Normed Spaces, John Michael Rassias, and Hark-Mahn Kim,
Fixed Point Method for Intuitionistic Fuzzy Stability of Mixed Type Cubic-Quartic Functional Equation, Saud M. Alsulami,
Isometries of P-Nuclear Operators, Abdelrahman Yousef, and Roshdi Khalil,
Inequalities of Ostrowski's type for m- and (α,m)- Logarithmically Convex Functions via Riemann-Liouville Fractional Integrals, Ahmet Ocak Akdemir,

On a Class of Operators from Bergman-Type Spaces to Weighted-Type Spaces, Li Ke, and
Jiang Zhi-Jie,
Generalized Jordan Homomorphisms in Fréchet Algebras, Madjid Eshaghi Gordji, M. Bavand Savadkouhi, Choonkil Park, and Jung Rye Lee,
TABLE OF CONTENTS, JOURNAL OF COMPUTATIONAL
ANALYSIS AND APPLICATIONS, VOL. 16, NO. 3, 2014

An Note on S_r-covering Approximation Spaces, Bin Qin, and Xun Ge,......414 Difference of Generalized Composition Operators from H^{\infty} to the Bloch Space, Geng-Lei Li,424 Isometries Among the Generalized Composition Operators on Bloch type Spaces, Geng-Lei Li,....432 Coupled Fixed Point Theorems for Generalized Symmetric Contractions in Partially Ordered Pointwise Superconvergence Patch Recovery for the Gradient of the Linear Tetrahedral Element, Hyers-Ulam Stability of Quadratic Functional Equations in Paranormed Spaces, Jinwoo Choi, Joon Hyuk Yang, and Choonkil Park,......461 Union Soft Sets Applied to Commutative BCI-Ideals, Young Bae Jun, Seok Zun Song, and Sun Shin Ahn......468 Some Inequalities Which Hold for Starlike Log-Harmonic Mappings of Order α, H. Esra Özkan, N-differentiation Composition Operators from Weighted Banach Spaces of Holomorphic Function to Weighted Bloch Spaces, Cui Chen, Hong-Gang Zeng, and Ze-Hua Zhou,.....486 Fuzzy n-Jordan *-Derivations on Induced Fuzzy C*-Algebras, Choonkil Park, Khatereh Hyers-Ulam Stability of a Tribonacci Functional Equation in 2-Normed Spaces, Majid Eshaghi Gordji, Ali Divandari, Mohsen Rostamian, Choonkil Park, and Dong Yun Shin,.....503

An Identity of the Twisted q-Euler Polynomials with Weak Weight α Associated with the p-Adic q-Integrals on Z _p , C. S. Ryoo,
Two-Level Hierarchical Basis Preconditioner for Elliptic Equations with Jump Coefficients, Zhiyong Liu, and Yinnian He,
A New Fourth-Order Explicit Finite Difference Method for the Solution of Parabolic Partial Differential Equation with Nonlocal Boundary Conditions, M. Ghoreishi, A.I.B.Md.Ismail, and A. Rashid,
Numerical Solutions of Fourth Order Lidstone Boundary Value Problems Using Discrete Quintic Splines, Fengmin Chen, and Patricia J. Y. Wong,
Periodicity and Global Attractivity of Difference Equation of Higher Order, T. F. Ibrahim,552
Quadratic Derivations on non-Archimedean Banach Algebras, Choonkil Park, S. Shagholi, A. Javadian, M.B. Savadkouhi, and Madjid Eshaghi Gordji,
Soft q-Ideals of Soft BCI-Algebras, Yun Sun Hwang, and Sun Shin Ahn,571
Convergence of Parallel Multisplitting USAOR Methods for Block H-Matrices Linear Systems, Xue-Zhong Wang,
The Properties and Iterative Algorithms of Circulant Matrices, Chengbo Lu,592
TABLE OF CONTENTS, JOURNAL OF COMPUTATIONAL ANALYSIS AND APPLICATIONS, VOL. 16, NO. 4, 2014
Disjoint Mixing Weighted Backward Shifts on the Space of All Complex Valued Square Summable Sequences, Liang Zhang, and Ze-Hua Zhou,
Some Identities Involving Associated Sequences of Special Polynomials, Taekyun Kim, and Dae San Kim,
Some New Integral Inequalities of the Type of Hermite-Hadamard's for the Mappings Whose Absolute Values of Their Derivative are Convex, Muhammad Iqbal, Muhammad Iqbal Bhatti,

and Muhammad Muddassar,......643

A Generalized Additive Functional Inequality in Banach Spaces, Choonkil Park, Gang Lu, and Dong Yun Shin,
An Efficient Spectral Collocation Algorithm for Solving Neutral Functional-Differential Equations, L.M. Assas, A.H. Bhrawy, and M.A. Alghamdi,
Some Properties of Intuitionistic Fuzzy Metric Spaces, Chang-qing Li,
A Certain Class of Harmonic Mappings Related to Functions of Bounded Boundary Rotation, Yaşar Polatoğlu, Emel Yavuz Duman, and Melike Aydoğan,
Fuzzy Norms on BCK-Algebras and Non-Negativity of Norms in Algebras, Jeong Soon Han, and Keum Sook So,
Extended Cesàro Operator from Hardy Space to Zygmund-Type Space on the Unit Ball, Yu-Xia Liang, and Hong-Gang Zeng,
Some Special Polynomials and Sheffer Sequences, Dae San Kim, Taekyun Kim, Sang-Hun Lee, and Dmitry V. Dolgy,
Pseudo-differentiability, Pseudo-integrability and Nonlinear Differential Equations, Zeng-tai Gong, and Ting Xie,
A General Theorem Associated with the Briot-Bouquet Differential Subordination, Adel A. Attiya, and Teodor Bulboacă,
An SVD Free Construction of an Indicator Function as an Imaging Algorithm, K. Kim, K. H. Leem, and G. Pelekanos,
Applications of Coupled <i>N</i> -structures in BCC-Algebras, Young Bae Jun, and Sun Shin Ahn,740
Analytical Solution of Nonlinear Second-Order Periodic Boundary Value Problem Using Reproducing Kernel Method, Nabil Shawagfeh, Omar Abu Arqub, and Shaher Momani,750
Generalized Chebyshev Inequalities with Applications, Marwan A Kutbi, Nawab Hussain, Arif Rafiq, and Mohammad Masjed-Jamei,
Comment on "Generalized ternary bi-derivations on ternary Banach algebras: a fixed point approach" [Esgahi Gordji et al., J. Comput. Anal. Appl. 15 (2013) 45-54], Choonkil Park, Madjid Eshaghi, Gordji Jung Rye Lee, and Dong Yun Shin,
Examples of Umbral Calculus, D.S. Kim, T. Kim, W.J. Kim, and Dmitry V. Dolgy,782
Dynamics and Behavior of a Second Order Rational Difference equation, E.M. Elsayed, M.M. El-Dessoky, and Asim Asiri

TABLE OF CONTENTS, JOURNAL OF COMPUTATIONAL ANALYSIS AND APPLICATIONS, VOL. 16, NO. 5, 2014

Ostrowski Type Inequalities for m- and (α,m)- Logaritmically Convex Functions, Havva Kavurmaci,
A New Version of Mazur-Ulam Theorem Under Weaker Conditions in Linear n-Normed Spaces, Choonkil Park, and Cihangir Alaca,
On Umbral Calculus Involving Special Polynomials, Dae San Kim, Taekyun Kim, Sang-Hun Lee, and Seog-Hoon Rim,833
Semilocal Convergence Theorem by Using Majorizing Functions for Harmonic Mean Newton's Method in Banach Spaces, Hong-Xiu Zhong, Guo-Liang Chen, and Xue-Ping Guo,850
Fermionic p-Adic Integrals on Z_p and Umbral Calculus, Dae San Kim, Taekyun Kim, Sang-Hun Lee, and Dmitry V. Dolgy,860
Soft Set Theory and N-Structures Applied to BCH-algebras, Young Bae Jun, N. O. Alshehri, and Kyoung Ja Lee,
Construction of Orthogonal Shearlet Tight Frames with Symmetry, Yan Feng, Dehui Yuan, and Shouzhi Yang,
Exact Orders in Simultaneous Approximation by Complex q-Durrmeyer type Operators, Mei-Ying Ren, Xiao-Ming Zeng, and Liang Zeng,
On Positive Solutions of a System of Max-Type Difference Equations, Stevo Stević, Abdullah Alotaibi, Naseer Shahzad, and Mohammed A. Alghamdi,906
Solution and Stability of a Multi-Variable Functional Equation, Jae-Hyeong Bae, and Won-Gil Park,
On the Behaviour of the Solutions of Difference Equation Systems, Y. Yazlik, E. M. Elsayed, and N. Taskara,
The Shared Set of Meromorphic Functions and Differential Polynomials, Hong-Yan Xu,942
Quasiconformal Harmonic Mappings Related to Starlike Functions, Yaşar Polatoğlu, Emel Yavuz Duman, Yasemin Kahramaner, and Melike Aydoğan,955
On the Superstability of Ternary Jordan C*-homomorphisms, Dong Yun Shin, Choonkil Park, and Shahrokh Farhadabadi

Coupled Fixed Points for Generalized Weakly Contractive Mappings in Partial Met	ric Spaces
Rattanaporn Wangkeeree, Rabian Wangkeeree, and Nithirat Sisarat,	974
A Note on Structures of Fuzzy Approximation Spaces, Gangqiang Zhang, Yu Han, and Li,	
Some Ostrowski type Inequalities via Riemann-Liouville Fractional Integrals for Functions, Wenjun Liu,	
Some Simpson type Inequalities for h-Convex and (α,m)–Convex Functions, Wenjun	Liu,1005