



| | |
|---|---|
| <p><i>International Center for Scientific Research and Studies (ICSRS)</i> www.i-csrs.org</p> |  |
| <p><i>International Journal of Open Problems in Computer Science and Mathematics (IJOPCM)</i> ISSN: 1998-6262 www.ijopcm.org</p> |  |
| <p><i>Int. J. Open Problems Compt. Math., Vol. 3, No. 1, March 2010</i> ISSN 1998-6262; Copyright © ICSRS Publication, 2010 www.i-csrs.org</p> | |
| <p><u>Inequalities and Monotonicity For The Ratio of Γp Functions</u> Valmir Krasniqi and Faton Merovci</p> | |
| <p><u>Intuitionistic Fuzzy Continuity and Uniform Convergence</u> Bivas Dinda and T.K. Samanta</p> | |
| <p><u>Fuzzy Membership Function Generation using Particle Swarm Optimization</u> Kurniawan Eka Permana and Siti Zaiton Mohd Hashim</p> | |
| <p><u>A Global Optimization Approach to Assimilate the Initial Conditions into a SVAT Model</u> Bouarifi and N. Alaa</p> | |
| <p><u>A Novel Approach for Detection and Elimination of Automorphic Graphs in Graph Databases</u> R Vijayalakshmi, R Nadarajan, P Nirmala, and M Thilaga</p> | |
| <p><u>An Ammensal -Enemy Species Pair With Limited and Unlimited Resources Respectively- A Numerical Approach</u> K.V.L.N.Acharyulu and N.Ch. Pattabhi Ramacharyulu</p> | |
| <p><u>A Three Species Ecosystem Consisting of a Prey, Predator and a Host Commensal to the Prey</u> Phani Kumar and N. Ch. Pattabhiramacharyulu</p> | |
| <p><u>Semigroup Actions On Intuitionistic Fuzzy 2-Metric Spaces</u> N.Thillaigovindan, S.Anita Shanthy and S.Vijayabalaji</p> | |
| <p><u>On Subordination and Superordination of New Multiplier Transformation</u> Aabed Mohammed and Maslina Darus</p> | |

[On The Poset Of Subhypergroups Of A Hypergroup](#)
Marius Tarnauceanu

[On Fixed Point Theorems in Fuzzy Metric Spaces](#)
T. Aage and J. N. Salunke

[Numbers Which Factor as Their Digital Sum Times a Prime](#)
Amin Witno

[Performance and Reliability-Driven Scheduling Approach](#)
for Efficient Execution of Parallelizable Stochastic
Tasks in Heterogeneous Computing Systems
Ehab Y. Abdel Maksoud

[Various Proofs for the Decrease Monotonicity of the Schatten's Power Norm,](#)
[Various Families of \$R^n\$ -Norms and Some Open Problems](#)
Mustapha Raissouli and Iqbal H. Jebril

[A Two Phase Service M/G/1 Vacation Queue With General Retrial Times and](#)
[Non-persistent Customers](#)
Kasturi Ramanath and K.Kalidass

[Discrete Operator and Functional Means Can Be Reduced To The Continuous](#)
[Arithmetic Mean](#)
Mustapha Raissouli

[Maximal and Minimal Surfaces of Factorable Surfaces in Heis³](#)
Essin TURHAN and Gulden ALTAY

[Local Ring at a Point of an Affine Algebraic Set and Zariski Topology](#)
Al-hiti

[An Efficient Manual Optimization for C Codes](#)
Mohammed Fadle Abdulla

[On The Stability of An Ammensal- Enemy Harvested Species Pair With Limited](#)
[Resources](#)
K.V.L.N.Acharyulu and N.Ch. Pattabhi Ramacharyulu

[Left Multipliers and Lie Ideals in Rings With Involution](#)
Oukhtite Lahcen

[Operators of Minimal Norm Via Modified Green's Function in Two-dimensional Elastic Waves](#)
Belkacem SAHLI

[Ideal Congruences on a C-algebra](#)
Kalesha Vali, P. Sundarayya and U.M.Swamy

[Events, Actions and Temporal Logic](#)
Fatiha Mamache

[Lacunary Interpolation by Quartic Splines with Application to Quadratures](#)
Abbas Y. Al Bayati, Rostam K. Saeed and Faraidun K. Hama-Salh

[Bioinformatics Computing of Parametric Information Connected with Industrially Important Bacteria](#)
Sant Saran Mishra

[Quarter-Sweep Iteration for First Kind Linear Fredholm Integral Equations](#)
Mohana Sundaram Muthuvalu and Jumat Sulaiman

[An Enemy- Ammensal Species Pair With Limited Resources –A Numerical Study](#)
K.V.L.N.Acharyulu and N.Ch. Pattabhi Ramacharyulu

[An Improved Parallel AGE Method to Solve Incomplete Blow-up Problem through High Performance Computing System](#)
Norma Alias, Md. Rajibul Islam, Nurul Ain Zhafarina Muhamad, Noriza Satam and Norhafiza Hamzah

[A Refined Solution to The Problem of Torsion of A Viscoelastic Anisotropic Reinforced Layer](#)
M.N.M. Allam, N.A. El-Bedwehy, and R. Tantawy

[Position Vectors of Spacelike Biharmonic Horizontal Curves with Spacelike Binormal in Lorenzian Heisenberg Group Heis₃](#)
Essin TURHAN and Talat KÖRPINAR

| | |
|---|--|
| <u>Adjoint of Sublinear Operators</u> Abdelmoumen TIAIBA | |
| <u>Fuzzy Quasidifferential Equations in Connection With the Control Problems</u> A.V. Plotnikov and T.A. Komleva | |
| <u>Triple positive solutions for singular integral boundary value problems1</u> Jiafa Xu, Zhilin Yang | |
| <u>Eigenvalue Equations For Nonnull Curve in Minkowski Plane</u> Handan Balgetir Öztekin and Mahmut Ergüt | |
| <u>Boundary Value Problem For Fractional Integro-Differential Equations With Nonlocal Conditions</u> Mohammed M. Matar | |
| <u>Minimal Immersion and Harmonic Maps in Heisenberg Group H_{2n+1}</u> Essin TURHAN and Talat KÖRPINAR | |
| <u>Study of a Perturbed Transport Problem in a Bounded Domain With a Convex Angle</u> Zaynab SALLOUM | |
| <u>On Fekete-Szegö Problems for Certain Subclass of Analytic Functions</u> Aabed Mohammed and Maslina Darus | |
| <u>Numerical Solution of Geothermal Heat Exchangers Formulation</u> MOHAMMED AWWAD ALI AL-DABBAS | |
| <u>The Divide and Search Algorithm: An attack on the Discrete Logarithm Problem</u> Malek Jakob Kakish | |
| <u>Analysis of Shalat Gait</u> Ahmad Yusairi Bani Hashim ¹ , Noor Azuan Abu Osman, Wan Abu Bakar Wan Abas, Lydia Abdul Latif | |
| <u>Optimal Strategy Analysis of an N-policy Twophase MX/M/1 Gated Queueing System with Server Startup and Breakdowns</u> Vasanta Kumar, B.V.S.N. Hari Prasad, K. Chandan | |
| <u>About One way of Encoding Alphanumeric and Symbolic Information</u> Mohammed Al-Maitah | |
| <u>Learning-Based Document Image Super-Resolution with Directional Total Variation</u> Osama A. Omer | |
| <u>Lie Ideals and Generalized Derivations of Rings With Involution</u> Oukhtite Lahcen | |

[The Structure of Some Classes of Sasakian Manifolds with respect to the Quarter-Symmetric Metric Connection](#)

D.G. Prakasha and A. Taleshian

[A Stochastic Model of Tumor Growth with Immune Response: Three Dimensional Cubic Lattice](#)

Ankana Boondirek, Kanint Teerapabolarn and Wannapong Triampo
[On Equivalence of p-Adic 2-Norms in p-Adic Linear 2-Normed Spaces](#)

Surender Reddy

[A note on analysis of Mammography Data](#)

Benaki Lairenjam and Siri Krishan Wasan

[A Mixed Integer Convexity Result with an Application to an M/M/s Queueing System](#)

Emre Tokgoz and Hillel Kumin

[Numerical Solution of System of Linear Integral Equations by using Legendre Wavelets](#)

Jafari, H. Hosseinzadeh and S. Mohamadzadeh

[External Control Inputs of Lorenz System](#)

Kreangkri Ratchagit

[Experimental Analysis for BLER / Data Transmission Parameters in Mobile Terminals for EDGE and WCDMA Networks](#)

Montserrat Jiménez-Licea, Sergio Vidal-Beltrán and José Luis López-Bonilla
[The Invariant Subspace Problem and Its Main Developments](#)

Mingxue Liu

[On a Concept of Nonuniform Exponential Instability of Evolution Operators in Banach Spaces](#)

Nicolae Lupa

[Towards the analysis of Adhoc Routing Protocol in VANET Environment](#)

Pranav Kumar Singh and Kapang Lego

[Peristaltic Flow of a Dusty Couple Stress Fluid in a Flexible Channel](#)

Ravi Kumar, D. Prabhakar Yadhav, G. Kathyayani, R. Siva Prasad and G. Prabhakara Rao

[\$\\$N \setminus K\\$\$ Algorithm to Lay Milk Line for Transporting Maximum Capacity Through Shortest Route](#)

Karpagam, V. Navaneetha Kumar and N. Arunsankar

[A New Approach for Finding an Optimal Solution for Integer Interval Transportation Problems](#)

V.J. Sudhakar and V. Navaneetha Kumar

[Fixed Point Theorems of Compatible Mappings of Type\(R\) in Metric Spaces](#)

Yunnam Rohen

[Common Fixed Point Theorems for Hybrid Pairs of Occasionally Weakly Semi Compatible Maps](#)

Yogesh Kumar Vijaywar, N.P.S. Bawa and Praveen Kumar Shrivastava

[Nonlinearity and Cepstral/Mel Cepstral Measure of the Spectral Characteristics of Assamese and Bodo Phonemes](#)

Sanjib Kr. Kalita

[New Families of Odd Graceful Graphs](#)

S.K. Vaidya and B. Lekha

[The Line n-Sigraph of a Symmetric n-Sigraph-III](#)

Siva Kota Reddy, V. Loksha and Gurunath Rao Vaidya

[A Comparative Study for Identification of Sex of the Speaker with Reference to Bodo Vowels](#)

M.K. Deka, S.K. Kalita and S.K. Sarma

[Regular Quasi- \$\gamma\$ -absorbent in \$\gamma\$ -Groupoid-lattices](#)

Yengkhom Satyendra Singh and Mohd. Rais Khan

[Some Generalized Difference Sequence Spaces Defined by Orlicz Function in a Seminormed Space](#)

Yurdagul Acar and Ayhan Esi

[Natural Convection Heat Transfer in a Vertical Conical Annular Porous Medium](#)

Prabhakar Yadhav, R. Siva Prasad and S. Ravikumar

[Prime Cordial Labeling For Some Cycle Related Graphs](#)

S K Vaidya and P L Vihol

IJOPCM Vol.3. No. 4. December, 2010 (Proceedings MOMA 2009)

[\[1\] Optimization of the cost stock and transport in a multi-product one-level supply chain systems under probabilistic demand](#)

[Achchab, K. Tikito, and Y. Benadada, pp. 6-12](#)

[\[2\] Revisiting quasi-convexity](#)

[Atteia, pp. 13-26](#)

[\[3\] Study of Petrowsky system with incomplete data](#)

[Berhail, and A. Ayadi, pp. 27-36](#)

[\[4\] Numerical study of two-dimensional incompressible Navier-Stokes equations in natural convection with nanouids](#)

[El Bouihi, and R. Sehaoui, pp. 37-47](#)

[\[5\] Optimal harvesting policies for a fish population model](#)

[El Hourmi, B. Bouayad, and E.H. El Mazoudi, pp. 48-57](#)

[\[6\] Existence of bounded solutions for a nonlinear parabolic system with nonlinear gradient term](#)

[El Ouardi, pp. 58-68](#)

[\[7\] Stabilized finite element method for the Navier-Stokes problem](#)

[Elakkad, A. Elkhalil, and N. Guessous, pp. 69-83](#)

[\[8\] Modeling of the orthotropic bridge's impact response](#)

[Lassoued, M. Ouchenane, and M. Guenfound, pp. 84-94](#)

[\[9\] Global convergence of the quasi Newton BFGS algorithm with new nonmonotone line search technique](#)

[I.S. Latif, pp. 95-106](#)

[\[10\] Optimization of an intense magnetic environment effect on the electrical characteristics of a MOS transistor](#)

[Latreche, S. Labiod, and G. Gontrand, pp. 107-114](#)

[\[11\] Optimizing the spent by diffusion processes in intervals](#)

[Lefebvre, pp. 115-123](#)

[\[12\] Delta-Nabla isoparametric problems](#)

[A.B. Malinowska, and D.F.M. Torres, pp. 124-137](#)

[\[13\] On some nonlinear integral equation at the boundary in the potential method](#)

[Saker, and A. Djellit, pp. 138-148](#)