

*International Center for Scientific Research and Studies
(ICSRS)*

www.i-csrs.org



*International Journal of Open Problems in Computer
Science and Mathematics (IJOPCM)*

ISSN: 1998-6262

www.ijopcm.org



Int. J. Open Problems Compt. Math., Vol. 5, No. 1, March 2012

ISSN 1998-6262; Copyright © ICSRS Publication, 2012

www.i-csrs.org

**Approximation Of Common Fixed Points Of Generalized
Non-Lipschitzian Mappings**

A. Rashwan

**Explicit Invariant Regions and Global Existence of
Solutions for Reaction Diffusion Systems With a Full
Matrix of Diffusion Coefficients and Nonhomogeneous
Boundary Conditions**

Said Kouachi and Eid M. Al-Eid

**On Sequence Spaces of Invariant Means and Lacunary
Defined by a Sequence of Orlicz Functions**

Cigdem A. Bektas and Gulcan Atici

**Galerkin Method for Solving a Telegraph Equation
With a Weighted Integral Condition**

Guezane-Lakoud and N. Bendjazia

**Application of Statistical Techniques for Comparing Lie Algebra
Algorithms**

Fernández-Ternero, J. Nunez, and A. F. Tenorio

A Brief Note on an Exponential Recursive Sequence

Yilun Shang

**Some Fixed Point Theorems for a Pair of Asymptotically Regular and
Compatible Mappings in Fuzzy 2-Metric Space**

Priyanka Nigam and S.S. Pagey

**Ordering Policy for Linear Deteriorating Items for Declining Demand with
Permissible Delay in Payments**

Chaitanya Kumar Tripathy and Umakanta Mishra

On Timelike Biharmonic General Helices in the Lorentzian (1,1) E

Talat KÖRPINAR and Essin TURHAN

On Optimality of Lacunary Interpolation for Recovery of C6 Seventh Degree Spline

Karwan H-F. Jwamer and Faraidun K. Hama-Salh

New Scaled Three-Term Memoryless VM-Methods for Solving Nonlinear Unconstraint Problems

Abbas Y. Al-Bayati and Khalil Kh. Abbo

On Differential Ideals of Differential rings

Yaseen A.W.Alhiti

Int. J. Open Problems Compt. Math., Vol. 5, No. 2, June 2012

ISSN 1998-6262; Copyright © ICSRS Publication, 2012

www.i-csrs.org

A study on Some Properties of Legendre Polynomials and Integral Transforms

Ghazi S. Khammash and A. Shehata

Some conditions under which prime near-rings are commutative rings

Abdelkarim Boua

On Fixed-point theorems in Intuitionistic Fuzzy metric Space

T.K. Samanta , Sumit Mohinta and Iqbal H. Jebril

Even-order Magic Squares with Special Properties

Saleem Al-ashhab

Positive solutions for a higher order p-Laplacian boundary value problem with even derivatives

Youzheng Ding, Zhongli Wei, Jiafa Xu

The Existence of Intrinsic Set Properties Implies Cantor's Theorem. The concept of Cardinal Revisited.

Juan-Esteban Palomar Tarancon

Existence of Multiple Positive Solutions for 3 Order Three-Point Boundary Value Problems on Time Scales

R. Prasad and N. Sreedhar

Some Open Problems On a Class of Finite Groups

Marius Tarnauceanu

Newton-Raphson Type Methods

Mircea I. Cirnu

Diffusion Processes With Generalized
Beta Density Functions
Mario Lefebvre

On Sequence Spaces of Invariant Means and Lacunary
Dened by a Sequence of Orlicz Functions
Cigdem A. Bektas and Gulcan Atci

Inclined Curves of Null Curves in L^5
and Their Characterizations
Zühal KÜÇÜKARSLAN, Mehmet BEKTAS,
Handan ÖZTEKİN

Explicit Solutions of Fractional Schrödinger
Equation via Fractional Calculus Operators
Resat YILMAZER, Erdal BAS

Smarandache Curves of Spacelike Biharmonic
B-Slant Helices According To Bishop Frame
In The Lorentzian $1 \text{ TM } (1,1) \text{ E}$
Talat KÖRPINAR and Essin TURHAN

Int. J. Open Problems Compt. Math., Vol. 5, No. 3, September 2012
ISSN 1998-6262; Copyright © ICSRS Publication, 2012
www.i-csrs.org

New inequalities of Hermite-Hadamard type
for functions whose second derivatives
absolute values are convex and quasi-convex
Mehmet Zeki Sarikaya, Aziz Saglam and Huseyin Yildirim

New Inequalities For Convex Sequences With Applications
Zinela^{abidine} Latreuch and Benharrat Bela^{idi}

On B-expansions of unity for Perron power series
Abbes and M. Hbaib

On The Second Change of Rings Theorems
for the Gorenstein Homological Dimensions
Samir Bouchiba and Mostafa Khaloui

Left Multipliers Satisfying Certain Algebraic
Identities on Lie Ideals of Rings With Involution
Oukhtite1 and L. Taoufiq

On The Hermite-Hadamard Type Integral Inequalities
Involving Several Log-Convex Functions
Mehmet Zeki Sarikaya Hatice Yaldiz and Hakan Bozkurt

Cantor Primes as Prime-Valued Cyclotomic Polynomials

Christian Salas

**Is A Unifying Chaotic
Dynamical System Possible?**

Zeraoulia Elhadj and J. C. Sprott

**Common Fixed Point Theorems for Sequences
of Mappings in Fuzzy Metric Spaces**

Khaled Abd-Rabou

**A note on the (FMC) condition
for extensions of commutative rings**

Noomen Jarbouï

Nabla 1-Forms on n-Dimensional Time Scales

Nesip Aktan, Mehmet Zeki Sarkaya,
Kazm Ilarslan and Ibrahim unaltılı

**Note on some nonlinear integral inequalities in
two independent variables on time scales and applications**

Boukerrioua

**Note on a nonlocal boundary value problem
with solutions positive on an interval**

Guezane-Lakoud

**Related Fixed Point Theorems For Two Pairs
Of Mappings In Fuzzy Metric Spaces**

K. Samanta , Sumit Mohinta and Iqbal H. Jebril

**Properties of Three Functions Relating to the
Exponential Function and the Existence of
Partitions of Unity**

Xiao-Jing Zhang, Feng Qi, and Wen-Hui Li

**Some Extension Results in Classical
Integral Inequalities**

Abdallah EL FARISSI, Zoubir DAHMANI
and Benharrat BELAIDI

**Solutions Of Differential Equations For Dual Curvatures
Of Dual Biharmonic Curves With Spacelike
Principal Normal in 31 D**

Talat KÖRPINAR, Essin TURHAN, Vedat ASIL

**Construction of Focal Curves of Spacelike Biharmonic
Curves with Timelike Binormal in the Lorentzian
Heisenberg Group Heis3**

Talat KÖRPINAR and Essin TURHAN

**The Total Number of Squares and Rectangles are
there in Rectangle (Square) Boards**

Zeyad Al-Zhour

Int. J. Open Problems Compt. Math., Vol. 5, No. 4, December 2012

ISSN 1998-6262; Copyright © ICSRS Publication, 2012

www.i-csrs.org

Range Kernel orthogonality of generalized derivations

Bachir

Boundary Value Problems

For Fractional Differential Equations

Mohamed El Amin Bengrine and Zoubir Dahmani

A pedal triangle inequality with the exponents

Jian Liu

**A weighted target- following algorithm for
linearly constrained convex optimization**

Hayet Roumili, Zakia Kebbiche

**A common random fixed point theorem for six
weakly compatible mappings
in Hilbert spaces**

A. Rashwan, D. M. Albaqeri

**On Hermite-Hadamard Type Inequalities
for $(\alpha; m)$ -Convex Functions**

Shu-Hong Wang, BoYan Xi, Feng Qi

**Quintic C1-Spline Collocation Methods for Stiff
Delay Differential Equations**

H.M. El-Hawary and K.A. El-Shami

Classification of uniform polyhedra by their symmetry-type graphs

Kovič

**Cartesian product and homomorphism of
interval-valued fuzzy linear space**

S.Vijayabalaji and S.Sivaramakrishnan

The J-invariant over $En3d$

Abdelhakim Chillali

**Cubic Spline Solutions For Two-Point
Boundary Value Problems Using
Quarter-Sweep SOR Method**

N.I.M. Fauzi and J. Sulaiman

**Remote Health Monitoring Systems for High
Risk Patients**
Firas Ibrahim

**An approach to multicriteria optimization
based on aggregation: application to
manufacturing systems**
Fatima Zohra Bouchekif, Myriam Nouredine

**A new characterization of Smarandache ts α
curves according to Sabban frame in
Heisenberg group Heis 3**
Talat KÖRPINAR and Essin TURHAN

**Ultra Linear Continuous Functionals and Ultra
Generalized Complex Numbers In The Ultra
Generalized Function Spaces**
Sabra Ramadan

**On existence of nonlinear fractional differential
equations for**
Mohammed M. Matar

**Numerical Solution of Poisson equation
with Dirichlet Boundary Conditions**
H.Bennour and M.S.Said

**Coderivations and \ast -Coderivations On
Matrix Coalgebra**
Madjid Mirzavaziri and Elham Tafazoli