

ISI Papers (2013)

- 1) Title: **A new four-step Runge-Kutta type method with vanished phase-lag and its first, second and third derivatives for the numerical solution of the Schrodinger equation** Author(s): Alolyan, Ibraheem; Simos, T. E. Source: JOURNAL OF MATHEMATICAL CHEMISTRY Volume: **51** Issue: **5** Pages: **1418-1445** DOI: **10.1007/s10910-013-0156-5** Published: **MAY 2013**
- 2) Title: **High order four-step hybrid method with vanished phase-lag and its derivatives for the approximate solution of the Schrodinger equation** Author(s): Alolyan, Ibraheem; Simos, T. E. Source: JOURNAL OF MATHEMATICAL CHEMISTRY Volume: **51** Issue: **2** Pages: **532-555** DOI: **10.1007/s10910-012-0102-y** Published: **FEB 2013**
- 3) Title: **Dual Toeplitz operators on the sphere** Author(s): Guediri, Hocine Source: ACTA MATHEMATICA SINICA-ENGLISH SERIES Volume: **29** Issue: **9** Pages: **1791-1808** DOI: **10.1007/s10114-013-1717-z** Published: **SEP 2013**
- 4) Title: **Pollaczek polynomials and hypergeometric representation** Author(s): Benameur, Jamel; Blel, Mongi Source: RAMANUJAN JOURNAL Volume: **30** Issue: **3** Pages: **399-402** DOI: **10.1007/s11139-012-9405-7** Published: **APR 2013**
- 5) Title: **On the solvability of a nonlinear pseudoparabolic problem** Author(s): Mesloub, S.; Hayat, T. Source: INDIAN JOURNAL OF PURE & APPLIED MATHEMATICS Volume: **44** Issue: **3** Pages: **343-354** DOI: **10.1007/s13226-013-0017-8** Published: **JUN 2013**.
- 6) Title: **Coincidence and common fixed point theorems in modified intuitionistic fuzzy metric spaces** Author(s): Chauhan, Sunny; Imdad, Mohammad; Samet, Bessem Source: MATHEMATICAL AND COMPUTER MODELLING Volume: **58** Issue: **3-4** Pages: **892-900** DOI: **10.1016/j.mcm.2013.03.010** Published: **AUG 2013**
- 7) Title: **EXISTENCE AND UNIQUENESS OF POSITIVE SOLUTIONS TO A FOURTH-ORDER TWO-POINT BOUNDARY-VALUE PROBLEM** Author(s): Jleli, Mohamed; Samet, Bessem Source: ELECTRONIC JOURNAL OF DIFFERENTIAL EQUATIONS Article Number: **173** Published: **JUL 26 2013**
- 8) Title: **On Best Proximity Points under the P-Property on Partially Ordered Metric Spaces** Author(s): Jleli, Mohamed; Karapinar, Erdal; Samet, Bessem Source: ABSTRACT AND APPLIED ANALYSIS Article Number: **150970** DOI: **10.1155/2013/150970** Published: **2013**
- 9) Title: **Best Proximity Points for Generalized alpha-psi-Proximal Contractive Type Mappings** Author(s): Jleli, Mohamed; Karapinar, Erdal; Samet, Bessem Source: JOURNAL OF APPLIED MATHEMATICS Article Number: **534127** DOI: **10.1155/2013/534127** Published: **2013**
- 10) Title: **Discussion on some coupled fixed point theorems** Author(s): Samet, Bessem; Karapinar, Erdal; Aydi, Hassen; et al. Source: FIXED POINT THEORY AND APPLICATIONS Article Number: **50** DOI: **10.1186/1687-1812-2013-50** Published: **2013**
- 11) Title: **On the blow-up criterion of the periodic incompressible fluids** Author(s): Benameur, Jamel Source: MATHEMATICAL METHODS IN THE APPLIED

SCIENCES Volume: 36 Issue: 2 Pages: 143-153 DOI: 10.1002/mma.2577
Published: JAN 30 2013

- 12) Title: **Boundary layer flow of a nanofluid over an exponentially stretching sheet with convective boundary conditions** Author(s): Mustafaa, M.; Hayat, T.; Obaidat, S. Source: INTERNATIONAL JOURNAL OF NUMERICAL METHODS FOR HEAT & FLUID FLOW Volume: 23 Issue: 6 Pages: 945-959 DOI: 10.1108/HFF-09-2011-0179 Published: 2013
- 13) Title: **Stagnation point flow of Burgers' fluid over a stretching surface** Author(s): Hayat, T.; Ali, Shafqat; Awais, M.; et al. Source: PROGRESS IN COMPUTATIONAL FLUID DYNAMICS Volume: 13 Issue: 1 Pages: 48-53 DOI: 10.1504/PCFD.2013.050650 Published: 2013
- 14) Title: **Merton problem in a discrete market with frictions** Author(s): Chebbi, Souhail; Soner, Halil Mete Source: NONLINEAR ANALYSIS-REAL WORLD APPLICATIONS Volume: 14 Issue: 1 Pages: 179-187 DOI: 10.1016/j.nonrwa.2012.05.011 Published: FEB 2013
- 15) Title: **Characterizations of the Euclidean complex space form** Author(s): Deshmukh, Sharief; Malacarne, J. Miguel Source: BALKAN JOURNAL OF GEOMETRY AND ITS APPLICATIONS Volume: 18 Issue: 2 Pages: 11-19 Published: 2013
- 16) Title: **Real Hypersurfaces in Nearly Kaehler 6-Sphere** Author(s): Deshmukh, Sharief Source: BULLETIN OF THE MALAYSIAN MATHEMATICAL SCIENCES SOCIETY Volume: 36 Issue: 2 Pages: 325-331 Published: 2013
- 17) Title: **Existence and Uniqueness of Positive Solution for a Fractional Dirichlet Problem with Combined Nonlinear Effects in Bounded Domains** Author(s): Bachar, Imed; Maagli, Habib Source: ABSTRACT AND APPLIED ANALYSIS Pages: 95480-95480 Published: 2013
- 18) Title: **Positive Solutions for Some Competitive Fractional Systems in Bounded Domains** Author(s): Bachar, Imed; Maagli, Habib; Zeddini, Nouredine Source: JOURNAL OF FUNCTION SPACES AND APPLICATIONS Article Number: 140130 DOI: 10.1155/2013/140130 Published: 2013
- 19) Title: **STABILITY OF CONSTANT MEAN CURVATURE HYPERSURFACES OF REVOLUTION IN HYPERBOLIC SPACE** Author(s): Jleli, Mohamed Source: ACTA MATHEMATICA SCIENTIA Volume: 33 Issue: 3 Pages: 830-838 Published: MAY 2013
- 20) Title: **EXACT ANALYTICAL SOLUTIONS OF THE WAVE FUNCTION FOR SOME q-DEFORMED POTENTIALS** Author(s): Abdalla, M. Sebawe; Eleuch, H.; Barakat, T. Source: REPORTS ON MATHEMATICAL PHYSICS Volume: 71 Issue: 2 Pages: 217-229 Published: APR 2013
- 21) Title: **Some statistical properties for a moving three-level atom in interaction with a bimodal cavity field** Author(s): Abdalla, M. Sebawe; Obada, A. -S. F.; Abdel-Khalek, S. Source: EUROPEAN PHYSICAL JOURNAL PLUS Volume: 128 Issue: 3 Article Number: 26 DOI: 10.1140/epjp/i2013-13026-0 Published: MAR 2013
- 22) Title: **Quantum treatment for two two-level atoms in interaction with an SU(1,1) quantum system** Author(s): Abdalla, M. Sebawe; Ahmed, M. M. A.; Obada, A. -S. F. Source: JOURNAL OF RUSSIAN LASER RESEARCH Volume: 34 Issue: 1 Pages: 87-101 DOI: 10.1007/s10946-013-9328-9 Published: JAN 2013

- 23) Title: **Semi-symmetric Lorentzian hypersurfaces in Lorentzian space forms**
 Author(s): Al-shehri, Norah; Guediri, Mohammed Source: JOURNAL OF GEOMETRY AND PHYSICS Volume: 71 Pages: 85-102 DOI: 10.1016/j.geomphys.2013.04.007
 Published: SEP 2013
- 24) Title: **Implicit Second Order Differential Inclusions in Reflexive Smooth Banach Spaces**
 Author(s): Bounkhel, M.; Alsenan, B. Source: SET-VALUED AND VARIATIONAL ANALYSIS Volume: 21 Issue: 1 Pages: 1-16 DOI: 10.1007/s11228-012-0223-2
 Published: MAR 2013
- 25) Title: **Spectral discretization of the axisymmetric vorticity, velocity and pressure formulation of the Navier-Stokes problem**
 Author(s): Chorfi, Nejmeddine; Abdellatif, Nahla; Trabelsi, Sihem Source: JOURNAL OF COMPUTATIONAL AND APPLIED MATHEMATICS Volume: 241 Pages: 1-18 DOI: 10.1016/j.cam.2012.09.032
 Published: MAR 15 2013
- 26) Title: **On the Optimality of the Assumptions Used to Prove the Existence and Symmetry of Minimizers of Some Fractional Constrained Variational Problems**
 Author(s): Hajaiej, Hichem Source: ANNALES HENRI POINCARÉ Volume: 14 Issue: 5 Pages: 1425-1433 DOI: 10.1007/s00023-012-0212-x
 Published: JUL 2013
- 27) Title: **On Schrodinger systems arising in nonlinear optics and quantum mechanics: II.**
 Author(s): Hajaiej, Hichem Source: NONLINEARITY Volume: 26 Issue: 4 Pages: 959-970 DOI: 10.1088/0951-7715/26/4/959
 Published: APR 2013
- 28) Title: **Existence of minimizers of functionals involving the fractional gradient in the absence of compactness, symmetry and monotonicity**
 Author(s): Hajaiej, H. Source: JOURNAL OF MATHEMATICAL ANALYSIS AND APPLICATIONS Volume: 399 Issue: 1 Pages: 17-26 DOI: 10.1016/j.jmaa.2012.09.023
 Published: MAR 1 2013
- 29) Title: **Characterization of Maximizers via Mass Transportation Techniques**
 Author(s): Hajaiej, Hichem Source: JOURNAL OF OPTIMIZATION THEORY AND APPLICATIONS Volume: 156 Issue: 2 Pages: 320-329 DOI: 10.1007/s10957-012-0120-8
 Published: FEB 2013
- 30) Title: **On the Geometry of the Unit Ball of a JB*-Triple**
 Author(s): Tahlawi, Haifa M.; Siddiqui, Akhlaq A.; Jamjoom, Fatmah B. Source: ABSTRACT AND APPLIED ANALYSIS Article Number: 891249 DOI: 10.1155/2013/891249
 Published: 2013
- 31) Title: **Functional definitions for q-analogues of Eulerian functions and applications**
 Author(s): El-Guindy, Ahmad; Mansour, Zeinab Source: AEQUATIONES MATHEMATICAE Volume: 85 Issue: 1-2 Pages: 69-110 DOI: 10.1007/s00010-012-0141-2
 Published: MAR 2013
- 32) Title: **Generalizations of fractional q-Leibniz formulae and applications**
 Author(s): Mansour, Zeinab S. I. Source: ADVANCES IN DIFFERENCE EQUATIONS Article Number: 29 DOI: 10.1186/1687-1847-2013-29
 Published: 2013