

Research India Publications

Advances in Theoretical and Applied Mathematics (ATAM)

Editorial Board Members :

Dr. Ayman Shehata, Lecturer, Department Of Mathematics, Faculty Of Science, Assiut University, Assiut 71516, Egypt.

Area of Interest : The Field Of Interests Are Mathematical, Complex Analysis, Especially Of Special Functions, Multiple Hypergeometric Series, Generalized Functions, Functions Of Matrix Arguments And Orthogonal Matrix Polynomials And Their Applications

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Sanjeeva Balasuriya, School of Mathematical Sciences, University of Adelaide, Adelaide, SA 5005, Australia

Area of Research: applied analysis, ordinary differential equations, fluid mechanics, nonlinear dynamics, geophysical fluid dynamics, microfluidics, combustion, mathematical ecology, partial differential equations

Donal O'Regan, School of Mathematics, Statistics and Applied Mathematics, National University of Ireland, Galway, Ireland

Area of Research: Nonlinear Analysis

Zead Mustafa, Associate Professor of Mathematics, Department of Mathematics, Statistics and Physics, P.O.Box: 2713 Doha – Qatar

Area of Research: Metric spaces, Fixed point Theory, Application of Fixed point Theory.

Jae Ho CHOI, PROFESSOR, Department of Mathematics Education, Daegu National University of Education. 219 Jungangdaero, Namgu, Daegu, Korea

Area of Research: Complex Analysis & Special Functions, Mathematics Education

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Area of Research: Graph theory.

R. P. Agarwal, Florida Institute of Technology, Department of Mathematical Sciences, 150 West University Blvd., Melbourne, FL 32901-6975, USA

Area of Research: Differential Equations; Difference Equations; Fixed-Point Theorems; Inequalities; and Numerical Analysis.

N.U. Ahmed, SITE and Department of Mathematics, 161 Louis Pasteur, University of Ottawa, Ottawa, Ontario, K1N6N5, Canada

Area of Research: Control Theory, Stochastic Differential Equations and Inclusions, Semigroup Theory of Operators.

G. A. Anastassiou, Department of Mathematical Sciences, The University of Memphis, Memphis, TN 38152, USA

Area of Research: Approximation Theory; Inequalities; Moment Theory; Wavelet; and Fuzzy Mathematics.

Jürgen Appell, Dept. of Mathematics, University of Würzburg, Emil-Fischer-Str 30, D-97074 Würzburg, Germany

Area of Research: Functional Analysis and Nonlinear Analysis.

B.S. Attili, UAEU - College of Science, Math. and Computer Dept., P. O. Box 17551 Al-Ain, UAE

Area of Research: Numerical Computations of ODE and PDE, Computaion of Singularities.

T.D. Benavides, Facultad de Matematicas, P.O. Box 1160, 41080 Seville (Spain)

Area of Research: Functional Analysis (Fixed Point Theory, Geometrical Theory of Banach Spaces).

M. Bohner, Department of Mathematics, University of Missouri at Rolla, 106 Rolla Building Rolla, MO 65409-0020, USA

Area of Research: Hamiltonian Systems; Difference Equations; Boundary Value Problems; Sturm-Liouville Equations; Variational Analysis; Control Theory; Dynamical Systems; Computational Mathematics.

S. Bouarroudj, Department of Mathematics, U.A.E. University, PO. Box. 17551 Al-Ain, U.A.E

Area of Research: Mathematical Physics.

C. Cesarano, Universite Campus Bio-Medico Roma, Via Longoni Roma, Italy

Area of Research: Special Functions, Orthogonal Polynomials and related applications in the area of Differential Equations.

D.C. Chang, Department of Mathematics, Georgetown University, Washington DC20057-0001, USA

Area of Research: Fourier Analysis, Several Complex Variables, Sub-Riemannian geometry and Sub-elliptic PDEs.

N.E. Cho, Department of Applied Mathematics, Pukyong National University, Pusan 608-737, Korea

Area of Research: Complex Analysis.

P. Corsini, Dept. of Math. and Comp. Sci., Università degli Studi, 33100 Udine , Italy.

Area of Research: Groups theory; Algebraic hyperstructures; Fuzzy sets.

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T. Diagana, Department of Mathematics, Howard University, 2441 6th Street N.W. Washington, DC 20059 USA

Area of Research: Functional Analysis; Operator Theory; p-adic Analysis; Differential Equations.

S. S. Dragomir, Chair in Mathematical Inequalities, School of Computer Science & Mathematics, Victoria University, PO Box 14428, Melbourne City, MC 8001, Australia.

Area of Research: Classical Mathematical Analysis; Theory of Inequalities; Convex Functions; Best Approximation; Numerical Integration; Geometry of Banach Spaces; Operator Theory.

V. Gontar, International Group for Chaos Studies, Department of Industrial Engineering and Management, Ben-Gurion University of the Negev, 1 Hashalom St.,P.O.Box 653, Beer-Sheva

84105, Israel

Area of Research: discrete chaotic dynamics, artificial intelligence, living and thinking systems mathematical modeling, image and signal processing, complexity.

S.K. Goyal, John Molson School of Business, Concordia University, 1455 De Maisonneuve Blvd. West Montreal, Quebec, Canada H3G1M8

Area of Research: Operations Research.

S. Hamadene, Universite du Maine, Departement de Mathematiques, Laboratoire de Statistique et Processus, 72085 Le Mans Cedex 9, France

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Area of Research: Automata Theory and Formal Language Theory

J. M. Jahangiri, Mathematical Sciences, Kent State University, 14111 Claridon Troy Road, Burton, Ohio 44021-9500, USA

Area of Research: Geometric Function Theory.

Y.B. Jun, Department of Mathematics Education, Gyeongsang National University, Chinju 660-701, Korea

Area of Research: Algebra, Fuzzy Mathematics.

M. Kanemitsu, Department of Mathematics, Aichi University of Education, Igaya-cho, Kariya-shi, 448-8542 JAPAN

E.E. Kerre, Department of Applied Mathematics & Computer Science, Ghent University, Krijgslaan 281 S9 B9000 Gent Belgium

Area of Research: Fuzziness & Uncertainty Modelling.

H.S. Kim, Department of Mathematics, Hanyang University, Seoul 133-791, Korea

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Area of Research: Nonlinear Analysis.

H. Kitada, Graduate School of Mathematical Sciences, University of Tokyo Komaba, Meguro Tokyo 153-8914 Japan

Area of Research: Mathematical physics, functional analysis, differential equations.

H.H. Kuo, Department of Mathematics, Louisiana State University, Baton Rouge, LA 70803 USA

Area of Research: Probability, Stochastic Analysis, White Noise Theory, and Infinite Dimensional Analysis.

W.T. Li, School of Mathematics and Statistics, Lanzhou University, Lanzhou 7830000 P.R. China

C. Li, Department of Mathematics, Zhejiang University, Hangzhou 310027, P.R. China

Area of Research: Nonlinear approximation theory, Nonlinear Optimization, Numerical analysis.

E.B. Lin, Department of Mathematics, Central Michigan University, USA

Area of Research: Wavelet Analysis, Mathematical Physics and Complex Geometry

L. Liu, Department of Mathematics, Qufu Normal University, Qufu 273165, Shandong P.R. China
Area of Research: Nonlinear Functional Analysis and Applications, Monotone Iterative Methods-Theory and Computations.

J.L. Liu, Department of Mathematics, Yangzhou University, Yangzhou 225002, Jiangsu P.R. China
Area of Research: complex analysis.

M.S. Liu, School of Mathematical Sciences, South China Normal University, Guangzhou 510631, Guangdong, P.R.China
Area of Research: Geometric Function Theory and Complex Oscillation of Differential Equation, or Wavelet Analysis.

J.J. Nieto, Departamento de Análisis Matemático, Facultad de Matemáticas, Universidad de Santiago de Compostela 15782 Santiago de Compostela SPAIN
Area of Research: Nonlinear Differential Equations, Biomedical Applications.

S. Owa, Department of Mathematics, Kinki University, Higashi-Osaka, Osaka 577-8502 Japan

J. N. Pandey, School of Mathematics and Statistics, Carleton University, Ottawa, Ontario, K1S5B6 Canada
Area of Research: Integral transform of functions and generalised functions, Wavelet Transform of Distributions, Fourier Analysis.

J.H. Park, Division of Mathematical Sciences, Pukyong National University, 599-1 Daeyeon 3-Dong, Nam-Gu, Pusan 608-737, Korea
Area of Research: General Topology, Fuzzy Mathematics.

T.M. Rassias, Department of Mathematics, National Technical University of Athens, Zografou Campus 157 80 Athens Greece
Area of Research: Global Analysis, Nonlinear Mathematical Analysis, Functional Analysis, Approximation Theory, Hyers-Ulam-Rassias Stability for Functional Equations, Analytic Inequalities.

J.M. Rassias, National and Capodistrian University of Athens, Pedagogical Department EE, Section of Mathematics and Informatics 4, Agamemnonos Str., Aghia Paraskevi Athens, Attikis 15342, Greece
Area of Research: Mixed type Partial Differential Equations; Functional Equations and Inequalities; Operator Theory; Mathematical Inequalities.

B. Ricceri, Department of Mathematics, University of Catania, Viale A. Doria 6 95125 Catania Italy
Area of Research: Set-Valued Analysis; Nonlinear Analysis.

C.S. Ryoo, Department of Mathematics, Hannam University, Daejeon 306-791, Korea

S. Saitoh, Department of Mathematics, Faculty of Engineering, Gunma University, Kiryu 376-8515 JAPAN

Area of Research: Applicable Analysis, Function Theory, Complex Analysis, PDE, Theory Of Reproducing Kernels, Inverse Problems, Integral Transforms.

Ratnasingham Shivaji, Dept of Mathematics and Statistics, University of North Carolina at Greensboro, Greensboro, NC 27412, USA.

Area of Research: Nonlinear Elliptic Boundary Value Problems

A.I Shtern, Department of Mechanics and Mathematics, Moscow State University, Vorob'evy Gory, Moscow, 119992 Russia

H. M. Srivastava, Dept. of Mathematics and Statistics, University of Victoria, Victoria, B. C. V8W 3P4, Canada, Area of Research:

T. Sudo, Department of Mathematical Sciences, Faculty of Science, University of the Ryukyus, Nishihara, Okinawa 903-0213, Japan

Area of Research: Operator theory, Operator algebras

F. Szidarovszky, Systems and Industrial Engineering Dept., University of Arizona, Tucson, AZ 85721 USA

Area of Research: dynamic systems, game theory, conflict resolution, multicriteria decision making.

R. U. Verma, Department of Mathematics, University of Toledo, Toledo, Ohio 43606, USA

Area of Research: Applied Nonlinear Analysis, Nonlinear Variational Inequalities, Determinant Theory for Singular Integral Operators, Optimization and Control Theory.

J.L. Verdegay, Departamento de Ciencias de la Computación e I.A., E.T.S. de Ingeniería Informática, Universidad de Granada 18071 Granada (Spain)

Area of Research: Fuzzy mathematics

T. Vougiouklis, Dean of the School of Education, Democritus University of Thrace, Nea Hili, 68100 Alexandroupolis Greece

Area of Research: Hyperstructures; ring theory and Lie Algebras of Infinite Dimension.

W.Z. Wu, Informational College, Zhejiang Ocean University, Zhoushan, Zhejiang, 316004, P.R. China

Area of Research: Rough set theory, fuzzy set theory, and knowledge discovery.

Ti-Jun Xiao, Department of Mathematics, School of Mathematical Sciences, Fudan University, Shanghai 200433, P. R. China

H.K. Xu, School of Mathematical Sciences, University of KwaZulu-Natal, Private Bag X54001 Durban 4000, South Africa

Area of Research: Nonlinear analysis and Mathematical finance.

M. Yasugi, Faculty of Science/Graduate School of Science, Faculty of Science, Kyoto Sangyo University, Kita-ku, Kyoto, Japan 603-8555

Area of Research: Mathematical logic and computable analysis.

J. Zhan, Department of Mathematics, Hubei Institute for Nationalities, Enshi, Hubei Province, 445000 P.R.China

Area of Research: Fuzzy algebras and rough set, homological algebras, Logical algebras and hyperstructure.

P. Zhang, School of Mathematical Sciences, Peking University, Beijing, 100871, China

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Florance Matarise, Department of Statistics, University of Zimbabwe, PO Box MP167. Mount Pleasant, Harare, Zimbabwe.

Areas of Research/Interest: Statistics (Time Series Analysis).

Ayman Badawi, Mathematics Mathematics, American University of Shar, Sharjah, United Arab Emirates

Area of Interest : Commutative Algebra, Multiplicative Ideal Theory

Martin Grigoryan, Department of Physics, Chair of Higher Mathematics, Yerevan State University, Alex Manoogian, Yerevan, Armenia.

Area of Interest: Mathem. and Functional Analysis, Convergence and absolute convergence of Fourier and trigonometric series, Trigonometric series of special types, Fourier series and coefficients Summability, Fourie

David Ssevviiri, Department of mathematics and applied mathematics, Nelson Mandela Metropolitan University, Port Elizabeth, South Africa

Research area: Primeness and nilpotency in both associative rings and modules over associative rings, radical theory of both associative rings and modules over associative rings

Lin Li, Department of Science, School of Mathematics & Statistics, south west University, Chongqing, Beibei, China

Area of Interest: Nonlinear partial differential equations, variational method, critical point theory

Cristina Flaut, Faculty of Mathematics and Computer Science, Ovidius University, Constanta, Romania

Martin Grigoryan, Department of Physics, Chair of Higher Mathematics, Yerevan State University, Alex Manoogian, Yerevan, Armenia.

Area of Interest: Mathematical and Functional Analysis : Fourier series and coefficients

Convergence and absolute convergence and Summability of Fourier and trigonometric series
Trigonometric series of special types (positiv coefficients, monotonic coefficients, etc.)

Yuri Movsisyan, Mathematics and Mechanics Yerevan State University, Alex Manoogian, Yerevan, Armenia

Area of Interest: Model Theory; Applied Algebra; Quasigroup and Loop theory; Universal Algebra; Functional Equations; Mathematical Logics; Varieties and Hypervarieties in Algebras.

V. Balakrishna Murthy, Mechanical Engineering Department, V. R. Siddhartha Engineering College, Kanuru, Vijayawada, Andhra Pradesh, India

Area of Interest: Advanced Solid Mechanics, Mechanical Vibrations, Experimental Stress Analysis, Finite Element Analysis, Fracture Mechanics, Analysis of FRP Composites, Analysis of Nano Composites.

Prof. Muhammad Raheel Mohyuddin, Department of Science & Humanities, FAST-Islamabad, Pakistan

Area of Interest: Mathematics, Fluid Mechanics

Rejeb Hadji, Mathematics Department, UPEC, University Paris Est Creteil, UFR Sciences, 61 Avenue du Generale De Gaulle, Creteil, cedex, France

Area of Interest: Nonlinear PDE - Micromagnetics- Ginzburg-Landau problems and problem with Sobolev exponent.

Yi Zhang, Department of Mathematics, University of Illinois, Urbana IL, USA.

Area of Interest: Commutative Algebra, Algebraic Geometry, Representation Theory.

Qing-Wen Wang, Department of Mathematics, Shanghai University, City: Shanghai, China

Area of Interest: Linear algebra and matrix theory, numerical linear algebra, operator theory, process of signal and information, linear model.

Safeer Hussain Khan, Mathematics Department, Statistics and Physics, Qatar University, P.O. Box 2713, Doha 2713, Qatar

Area of Interest: Fixed Point Theory (Fixed point, Iteration process, CAT(0) spaces, Hyperbolic spaces, (Asymptotically-quasi) nonexpansive mappings, G-metric, multivalued mappings etc.)

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Alya O. Almutairi, Applied Statistics Department, Faculty of Applied Sciences, Taibah University, Al-Madinah-M., Saudi Arabia

Area of Interest: Saddle Point Approximation, Linear Rank Statistics, Non-Parametric Statistics.

Dr. Somna Mishra, Department of Information Technology, University/Department: Institute of Management Studies, Sector-62, Noida, U.P., India

Area of Interest: Mathematical Modeling in pharmacokinetics, Drug delivery, Biomechanics, Fluid dynamics

Dr. Jyotindra Prajapati, Mathematical Sciences Department, Faculty of Applied Sciences, Charotar University of Science and Technology, Changa, Anand, Gujarat, India

Area of Interest: Special functions, Integral Transforms, Fractional calculus

Ömür DEVECİ, Mathematics Department, Kafkas University, Faculty of Science and Letters, Kars-36100, Turkey

UP

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