

Prof. Cemil Tunç

Personal Information

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International Researcher IDs

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Education Information

Doctorate, Erciyes University, Fen Bilimleri Enstitüsü, Matematik, Turkey 1990 - 1993

Postgraduate, Erciyes University, Fen Bilimleri Enstitüsü, Matematik, Turkey 1988 - 1990

Undergraduate, Ataturk University, Fen Fakültesi, Matematik, Turkey 1979 - 1982

Foreign Languages

English, C1 Advanced

Certificates, Courses and Trainings

Other, Yabancı Dil Eğitimi, Van Yüzüncü Yıl Üniversitesi, 2016

Dissertations

Doctorate, Some stability and boundedness results for two class of certain differential equations of fourth order, Erciyes University, Fen Fakültesi, Matematik, 1993

Research Areas

Mathematics, Differential Equations, Integral Equations, Partial Differential Equations, Mathematical Logic and Foundations, Mathematics Education, Natural Sciences

Academic Titles / Tasks

Professor, Van Yüzüncü Yıl University, Fen Fakültesi, Matematik, 2005 - Continues

Associate Professor, Van Yüzüncü Yıl University, Fen Fakültesi, Matematik, 1999 - 2005

Assistant Professor, Van Yüzüncü Yıl University, Fen Fakültesi, Matematik, 1993 - 1999

Research Assistant, Van Yüzüncü Yil University, Fen Fakültesi, Matematik, 1988 - 1993

Academic and Administrative Experience

Van Yüzüncü Yil University, Fen Bilimleri Enstitüsü, 2016 - Continues
Van Yüzüncü Yil University, Rektörlük, Atama Ve Yük. Komisyon Başk., 2014 - Continues
Van Yüzüncü Yil University, Fen Ve Müh. Bil.Eti.Kurul., 2014 - Continues
Van Yüzüncü Yil University, Fen Fakültesi, 2012 - Continues
Van Yüzüncü Yil University, Rektörlük, 2012 - Continues
Van Yüzüncü Yil University, Fen Fak. Fak. Kur. Baş., 2012 - Continues
Van Yüzüncü Yil University, Fen Fakültesi, Matematik Bölümü, 2009 - Continues
Van Yüzüncü Yil University, Matematik , Uygulmalı Matematik, 2008 - Continues
Van Yüzüncü Yil University, Rektörlük Yönetim Kurulu, 2008 - Continues
Van Yüzüncü Yil University, Rektörlük, 2013 - 2017

Supervised Theses

TUNÇ C., Bazı türden diferansiyel denklemlerde periyodik çözümlerin varlığı, Doctorate, S.Erdur(Student), 2018
TUNÇ C., Belirli integro diferansiyel denklemlerin niteliksel özellikleri üzerine, Doctorate, S.ABID(Student), 2017
TUNÇ C., Dördüncü mertebeden diferansiyel denklemlerde kararlılık, sınırlılık ve yakınsaklık, Postgraduate, A.AHMAD(Student), 2016
TUNÇ C., Üçüncü mertebeden diferansiyel denklemlerde kararlılık, sınırlılık ve yakınsaklık On the stability, boundedness and convergence of solutions to certain ordinary differential equations of third order, Postgraduate, K.ABDULRAHMAN(Student), 2016
TUNÇ C., Nötr ve gecikme argümanlı diferansiyel denklemlerinin çözümlerinin kararlılıkları, Doctorate, M.Gözen(Student), 2014
TUNÇ C., Bazı türden diferansiyel denklemlerin çözümlerinin global varlığı ve sınırlılığı üzerine, Doctorate, T.AYHAN(Student), 2014

Jury Memberships

Associate Professor Exam, Doçentlik Jüri Üyeliği, ODTÜ, July, 2016
Associate Professor Exam, Doçentlik Jüri Üyeliği, Süleyman Demirel Üniversitesi, July, 2016
Associate Professor Exam, Doçentlik Sınav Jüri Üyeliği, İstanbul Aydın Üniversitesi, July, 2016
Associate Professor Exam, Doçentlik Jüri Üyeliği, İstanbul Ticaret Üniv., April, 2016
Associate Professor Exam, Doçentlik Jüri Üyeliği, İstanbul Tic. Üniv., April, 2016
Associate Professor Exam, Doçentlik Jüri Üyeliği, İstanbul Ticaret Üniv., April, 2016
Associate Professor Exam, Doçentlik Sınavı, İstanbul Ticaret Üniv., April, 2016
Associate Professor Exam, Doçentlik Jüri Üyesi, Hacettepe Üniv., March, 2016
Doctorate, Doçentlik Sınav Jürisi,, Doçentlik Sınav Jürisi, January, 2016

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **On global stability of nonlinear systems with unbounded and distributed delays and a dominating non-delay term**
Braverman E., Tunç C., Tunç O.
Communications in Nonlinear Science and Numerical Simulation, vol.143, 2025 (SCI-Expanded)
- II. **On Ulam–Hyers–Mittag–Leffler Stability of Fractional Integral Equations Containing Multiple Variable**

Delays

Tunç O., Tunç C.

Mathematics, vol.13, no.4, 2025 (SCI-Expanded)

- III. **ADVANCING COMPUTATION IN SOLVING NON-HOMOGENEOUS PARABOLIC PROBLEM WITH NON-LINEAR INTEGRAL BOUNDARY CONDITIONS VIA THE CUBIC B-SPLINE METHOD**
Redouane K. L., Arar N., Tunç C.
Journal of Nonlinear and Convex Analysis, vol.26, no.1, pp.131-154, 2025 (SCI-Expanded)
- IV. **Hyers–Ulam–Rassias stability of fractional delay differential equations with Caputo derivative**
Benzarouala C., Tunç C.
Mathematical Methods in the Applied Sciences, vol.47, no.18, pp.13499-13509, 2024 (SCI-Expanded)
- V. **On the qualitative behaviors of stochastic delay integro-differential equations of second order**
Mahmoud A. M., Tunç C.
Journal of Inequalities and Applications, vol.2024, no.1, 2024 (SCI-Expanded)
- VI. **Analysis of efficient discretization technique for nonlinear integral equations of Hammerstein type**
Bhat I. A., Mishra L. N., Mishra V. N., Tunç C.
International Journal of Numerical Methods for Heat and Fluid Flow, vol.34, no.12, pp.4257-4280, 2024 (SCI-Expanded)
- VII. **Analyzing the stability of fractal delay differential equations**
Khalili Golmankhaneh A., Tunç C.
Chaos, Solitons and Fractals, vol.188, 2024 (SCI-Expanded)
- VIII. **Unique Solutions for Caputo Fractional Differential Equations with Several Delays Using Progressive Contractions**
Tunç C., Akyildiz F. T.
Mathematics, vol.12, no.18, 2024 (SCI-Expanded)
- IX. **Editorial for the Special Issue of “Fractional Differential and Fractional Integro-Differential Equations: Qualitative Theory, Numerical Simulations, and Symmetry Analysis”**
Tunç C., Yao J., Benchohra M., El-Sayed A. M. A.
Symmetry, vol.16, no.9, 2024 (SCI-Expanded)
- X. **On Ulam stabilities of iterative Fredholm and Volterra integral equations with multiple time-varying delays**
Tunç O., Tunç C.
Revista de la Real Academia de Ciencias Exactas, Fisicas y Naturales - Serie A: Matematicas, vol.118, no.3, 2024 (SCI-Expanded)
- XI. **Novel Numerical Investigations of Some Problems Based on the Darcy–Forchheimer Model and Heat Transfer**
Akyildiz F. T., Alshammari F. S., Tunç C.
Mathematics, vol.12, no.11, 2024 (SCI-Expanded)
- XII. **Bifurcation, phase plane analysis and exact soliton solutions in the nonlinear Schrodinger equation with Atangana's conformable derivative**
Alam M. N., Iqbal M., Hassan M., Fayz-Al-Asad M., Hossain M. S., Tunç C.
Chaos, Solitons and Fractals, vol.182, 2024 (SCI-Expanded)
- XIII. **On the Ulam stabilities of nonlinear integral equations and integro-differential equations**
Tunç O., Tunç C., Petruşel G., Yao J.
Mathematical Methods in the Applied Sciences, vol.47, no.6, pp.4014-4028, 2024 (SCI-Expanded)
- XIV. **New Results on Ulam Stabilities of Nonlinear Integral Equations**
Tunç O., Tunç C., Yao J.
Mathematics, vol.12, no.5, 2024 (SCI-Expanded)
- XV. **Precision and efficiency of an interpolation approach to weakly singular integral equations**
Bhat I. A., Mishra L. N., Mishra V. N., Tunç C., Tunç O.
International Journal of Numerical Methods for Heat and Fluid Flow, vol.34, no.3, pp.1479-1499, 2024 (SCI-Expanded)

- XVI. **ON THE ULAM TYPE STABILITIES OF A GENERAL ITERATIVE INTEGRO-DIFFERENTIAL EQUATION INCLUDING A VARIABLE DELAY**
Tunç O., Sahu D., Tunç C.
Journal of Nonlinear and Convex Analysis, vol.25, no.2, pp.399-417, 2024 (SCI-Expanded)
- XVII. **Asymptotic behavior of Levin-Noel nonlinear difference system with several delays**
Mesmouli M. B., Tunç C., Hassan T. S., Zaidi H. N., Attiya A. A.
AIMS Mathematics, vol.9, no.1, pp.1831-1839, 2024 (SCI-Expanded)
- XVIII. **Global Existence and Uniqueness of Solutions of Integral Equations with Multiple Variable Delays and Integro Differential Equations: Progressive Contractions**
Tunç O., Tunç C., Yao J.
Mathematics, vol.12, no.2, 2024 (SCI-Expanded)
- XIX. **A stochastic hepatitis B model with media coverage and Lévy noise**
Shah S. M. A., Nie Y., Alkhazzan A., Tunç C., Din A.
Journal of Taibah University for Science, vol.18, no.1, 2024 (SCI-Expanded)
- XX. **Improved Stability and Instability Results for Neutral Integro-Differential Equations including Infinite Delay**
Tunç C., Akyildiz F. T.
Journal of Mathematics, vol.2024, 2024 (SCI-Expanded)
- XXI. **Interval-based KKT framework for support vector machines and beyond**
Younus A., Rimsha R., Tunç C.
Journal of Taibah University for Science, vol.18, no.1, 2024 (SCI-Expanded)
- XXII. **EXISTENCE OF SOLUTIONS FOR NONLINEAR IMPULSIVE MULTIPLE RETARDED DIFFERENTIAL AND IMPULSIVE INTEGRO-DIFFERENTIAL EQUATIONS OF SECOND ORDER**
Bohner M., Tunç O., Tunç C.
Journal of Nonlinear and Convex Analysis, vol.25, no.9, pp.2337-2360, 2024 (SCI-Expanded)
- XXIII. **A study on the solvability of fractional integral equation in a Banach algebra via Petryshyn's fixed point theorem**
Halder S., Deepmala D., Tunç C.
Journal of Taibah University for Science, vol.18, no.1, 2024 (SCI-Expanded)
- XXIV. **EXISTENCE AND STABILIZATION FOR IMPULSIVE DIFFERENTIAL EQUATIONS OF SECOND ORDER WITH MULTIPLE DELAYS**
Pinelas S., Tunç O., Korkmaz E., Tunç C.
Electronic Journal of Differential Equations, vol.2024, 2024 (SCI-Expanded)
- XXV. **Review of recursive and operational approaches of the Tau method with a new extension**
Shahmorad S., Talaei Y., Tunç C.
Computational and Applied Mathematics, vol.42, no.7, 2023 (SCI-Expanded)
- XXVI. **On the qualitative analyses solutions of new mathematical models of integro-differential equations with infinite delay**
Tunç C., Tunç O., Wen C., Yao J.
Mathematical Methods in the Applied Sciences, vol.46, no.13, pp.14087-14103, 2023 (SCI-Expanded)
- XXVII. **On Ulam Stabilities of Delay Hammerstein Integral Equation**
Tunç O., Tunç C.
Symmetry, vol.15, no.9, 2023 (SCI-Expanded)
- XXVIII. **Classical mechanics on fractal curves**
Golmankhaneh A., Welch K., Tunç C., Gasimov Y. S.
European Physical Journal: Special Topics, vol.232, no.7, pp.991-999, 2023 (SCI-Expanded)
- XXIX. **Ulam stabilities of nonlinear iterative integro-differential equations**
Tunç O., Tunç C.
Revista de la Real Academia de Ciencias Exactas, Físicas y Naturales - Serie A: Matemáticas, vol.117, no.3, 2023 (SCI-Expanded)
- XXX. **On the stability, integrability and boundedness analysis of systems of integro-differential equations**

with time-delay

Tunç C., Tunç O., Yao J.

Fixed Point Theory, vol.24, no.2, pp.753-774, 2023 (SCI-Expanded)

- XXXI. **On Existence and Continuity Results of Solution for Multi-time Scale Fractional Stochastic Differential Equation**
Alkhazzan A., Wang J., Tunç C., Ding X., Yuan Z., Nie Y.
Qualitative Theory of Dynamical Systems, vol.22, no.2, 2023 (SCI-Expanded)
- XXXII. **Controllability of Second Order Semilinear Random Differential Equations in Fréchet Spaces**
Salim A., Mesri F., Benchohra M., Tunç C.
Mediterranean Journal of Mathematics, vol.20, no.2, 2023 (SCI-Expanded)
- XXXIII. **On the Enhanced New Qualitative Results of Nonlinear Integro-Differential Equations**
Tunç C., Tunç O., Yao J.
Symmetry, vol.15, no.1, 2023 (SCI-Expanded)
- XXXIV. **Solution estimates to Caputo proportional fractional derivative delay integro-differential equations**
Tunç O., Tunç C.
REVISTA DE LA REAL ACADEMIA DE CIENCIAS EXACTAS FISICAS Y NATURALES SERIE A-MATEMATICAS, vol.117, no.1, 2023 (SCI-Expanded)
- XXXV. **Numerical analysis of Bazykin–Berezovskaya model**
Zafar Z. U. A., Tauseef Saeed S., Rehan Qureshi M., Tunç C.
Journal of Taibah University for Science, vol.17, no.1, 2023 (SCI-Expanded)
- XXXVI. **On system of nonlinear coupled differential equations and inclusions involving Caputo-type sequential derivatives of fractional order**
Subramanian M., Manigandan M., Tunç C., Gopal T. N., Alzabut J.
JOURNAL OF TAIBAH UNIVERSITY FOR SCIENCE, vol.16, no.1, pp.1-23, 2022 (SCI-Expanded)
- XXXVII. **Well-posedness and regularity of some stochastic time-fractional integral equations in Hilbert space**
Arab Z., Tunç C.
JOURNAL OF TAIBAH UNIVERSITY FOR SCIENCE, vol.16, no.1, pp.788-798, 2022 (SCI-Expanded)
- XXXVIII. **Bielecki-Ulam's Types Stability Analysis of Hammerstein and Mixed Integro-Dynamic Systems of Non-Linear Form with Instantaneous Impulses on Time Scales**
Shah S. O., Tunç C., Rizwan R., Zada A., Khan Q. U., Ullah I., Ullah I.
QUALITATIVE THEORY OF DYNAMICAL SYSTEMS, vol.21, no.4, 2022 (SCI-Expanded)
- XXXIX. **On the Fundamental Analyses of Solutions to Nonlinear Integro-Differential Equations of the Second Order**
Tunç C., Tunç O.
Mathematics, vol.10, no.22, 2022 (SCI-Expanded)
- XL. **Distinguishability of the descriptor systems with regular pencil**
Dastgeer Z., Younus A., Tunç C.
LINEAR ALGEBRA AND ITS APPLICATIONS, vol.652, pp.82-96, 2022 (SCI-Expanded)
- XLI. **Analysis and numerical simulation of tuberculosis model using different**
Zafar Z. U. A., Zaib S., Hussain M. T., Tunç C., Javeed S.
CHAOS SOLITONS & FRACTALS, vol.160, 2022 (SCI-Expanded)
- XLII. **On the existence of solutions of non-linear 2D Volterra integral equations in a Banach Space**
Chauhan H. V. S., Singh B., Tunç C., Tunç O.
REVISTA DE LA REAL ACADEMIA DE CIENCIAS EXACTAS FISICAS Y NATURALES SERIE A-MATEMATICAS, vol.116, no.3, 2022 (SCI-Expanded)
- XLIII. **An efficient numerical simulation and mathematical modeling for the prevention of tuberculosis**
Zafar Z. U. A., Younas S., Zaib S., Tunç C.
INTERNATIONAL JOURNAL OF BIOMATHEMATICS, vol.15, no.04, 2022 (SCI-Expanded)
- XLIV. **New Fundamental Results on the Continuous and Discrete Integro-Differential Equations**
Tunç O., Tunç C., Yao J., Wen C.
MATHEMATICS, vol.10, no.9, 2022 (SCI-Expanded)

- XLV. NEW RESULTS ON THE QUALITATIVE ANALYSIS OF INTEGRO-DIFFERENTIAL EQUATIONS WITH CONSTANT TIME-DELAY**
Tunç C., Tunç O.
JOURNAL OF NONLINEAR AND CONVEX ANALYSIS, vol.23, no.3, pp.435-448, 2022 (SCI-Expanded)
- XLVI. Hyers-Ulam stability on local fractal calculus and radioactive decay**
Golmankhaneh A., Tunç C., Şevli H.
EUROPEAN PHYSICAL JOURNAL-SPECIAL TOPICS, vol.230, no.21-22, pp.3889-3894, 2021 (SCI-Expanded)
- XLVII. Razumikhin qualitative analyses of Volterra integro-fractional delay differential equation with caputo derivatives**
Graef J. R., Tunç C., Şevli H.
COMMUNICATIONS IN NONLINEAR SCIENCE AND NUMERICAL SIMULATION, vol.103, 2021 (SCI-Expanded)
- XLVIII. Mathematical modeling and analysis of fractional-order brushless DC motor**
Zafar Z. U. A., Ali N., Tunç C.
ADVANCES IN DIFFERENCE EQUATIONS, vol.2021, no.1, 2021 (SCI-Expanded)
- XLIX. Delay-Dependent Stability, Integrability and Boundedness Criteria for Delay Differential Systems**
Tunç O., Tunç C., Wang Y.
AXIOMS, vol.10, no.3, 2021 (SCI-Expanded)
- L. Qualitative analysis of caputo fractional integro-differential equations with constant delays**
Bohner M., Tunç O., Tunç C.
COMPUTATIONAL & APPLIED MATHEMATICS, vol.40, no.6, 2021 (SCI-Expanded)
- LI. New results and applications on the existence results for nonlinear coupled systems**
Talib I., Abdeljawad T., Alqudah M. A., Tunç C., Ameen R.
ADVANCES IN DIFFERENCE EQUATIONS, vol.2021, no.1, 2021 (SCI-Expanded)
- LII. On the stability, integrability and boundedness analyses of systems of integro-differential equations with time-delay retardation**
Tunç C., Tunç O.
REVISTA DE LA REAL ACADEMIA DE CIENCIAS EXACTAS FISICAS Y NATURALES SERIE A-MATEMATICAS, vol.115, no.3, 2021 (SCI-Expanded)
- LIII. Qualitative Analyses of Integro-Fractional Differential Equations with Caputo Derivatives and Retardations via the Lyapunov-Razumikhin Method**
Tunç O., Atan Ö., Tunç C., Yao J.
AXIOMS, vol.10, no.2, 2021 (SCI-Expanded)
- LIV. Qualitative Analyses of Differential Systems with Time-Varying Delays via Lyapunov-Krasovskii Approach**
Tunç C., Tunç O., Wang Y., Yao J.
MATHEMATICS, vol.9, no.11, 2021 (SCI-Expanded)
- LV. On the Weighted Piecewise Pseudo Almost Automorphic Solutions Mackey-Glass Model with Mixed Delays and Harvesting Term**
Amdouni M., Cherif F., Tunç C.
IRANIAN JOURNAL OF SCIENCE AND TECHNOLOGY TRANSACTION A-SCIENCE, vol.45, no.2, pp.619-634, 2021 (SCI-Expanded)
- LVI. Fractional aspects of coupled mass-spring system**
Zafar Z. U. A., Younas S., Hussain M. T., Tunç C.
CHAOS SOLITONS & FRACTALS, vol.144, 2021 (SCI-Expanded)
- LVII. Robust stabilization of non-linear non-autonomous control systems with periodic linear approximation**
Slyn'ko V., Tunç C., Bivziuk V. O.
IMA JOURNAL OF MATHEMATICAL CONTROL AND INFORMATION, vol.38, no.1, pp.125-142, 2021 (SCI-Expanded)
- LVIII. New solitary wave structures to the (2+1)-dimensional KD and KP equations with spatio-temporal dispersion**
Alam M. N., Tunç C.

- JOURNAL OF KING SAUD UNIVERSITY SCIENCE, vol.32, no.8, pp.3400-3409, 2020 (SCI-Expanded)
- LIX. **Constructions of the soliton solutions to the good Boussinesq equation**
Almatrafi M. B., Alharbi A. R., Tunç C.
ADVANCES IN DIFFERENCE EQUATIONS, vol.2020, no.1, 2020 (SCI-Expanded)
- LX. **GREEN FUNCTION'S PROPERTIES AND EXISTENCE THEOREMS FOR NONLINEAR SINGULAR-DELAY-FRACTIONAL DIFFERENTIAL EQUATIONS**
Khan H., Tunç C., Khan A.
DISCRETE AND CONTINUOUS DYNAMICAL SYSTEMS-SERIES S, vol.13, no.9, pp.2475-2487, 2020 (SCI-Expanded)
- LXI. **The new solitary wave structures for the (2**
Alam M. N., Tunç C.
ALEXANDRIA ENGINEERING JOURNAL, vol.59, no.4, pp.2221-2232, 2020 (SCI-Expanded)
- LXII. **Analysis and numerical simulations of fractional order Vallis system**
Zafar Z. U. A., Ali N., Zaman G., Thounthong P., Tunç C.
ALEXANDRIA ENGINEERING JOURNAL, vol.59, no.4, pp.2591-2605, 2020 (SCI-Expanded)
- LXIII. **On the structure of solutions of Volterra interval-valued integro-differential equations**
Younus A., Shaheen T., Tunç C.
MATHEMATICAL METHODS IN THE APPLIED SCIENCES, 2020 (SCI-Expanded)
- LXIV. **STABILITY RESULTS AND EXISTENCE THEOREMS FOR NONLINEAR DELAY-FRACTIONAL DIFFERENTIAL EQUATIONS WITH $\phi^*(P)$ -OPERATOR**
Khan H., Tunç C., Khan A.
JOURNAL OF APPLIED ANALYSIS AND COMPUTATION, vol.10, no.2, pp.584-597, 2020 (SCI-Expanded)
- LXV. **Set-valued fixed point results with application to Fredholm-type integral inclusion**
Shoaib M., Sarwar M., Tunç C.
JOURNAL OF TAIBAH UNIVERSITY FOR SCIENCE, vol.14, no.1, pp.1077-1088, 2020 (SCI-Expanded)
- LXVI. **On stability of a class of second alpha-order fractal differential equations**
TUNÇ C., Golmankhaneh A.
AIMS MATHEMATICS, vol.5, no.3, pp.2126-2142, 2020 (SCI-Expanded)
- LXVII. **Sufficient Conditions of Interval Stability of a Class of Linear Impulsive Systems with a Delay**
Slynko V., TUNÇ C., Erdur S.
JOURNAL OF COMPUTER AND SYSTEMS SCIENCES INTERNATIONAL, vol.59, no.1, pp.8-18, 2020 (SCI-Expanded)
- LXVIII. **Constructions of the optical solitons and other solitons to the conformable fractional Zakharov-Kuznetsov equation with power law nonlinearity**
Alam M. N., TUNÇ C.
JOURNAL OF TAIBAH UNIVERSITY FOR SCIENCE, vol.14, no.1, pp.94-100, 2020 (SCI-Expanded)
- LXIX. **On the asymptotic stability of solutions of stochastic differential delay equations of second order**
TUNÇ O., TUNÇ C.
JOURNAL OF TAIBAH UNIVERSITY FOR SCIENCE, vol.13, no.1, pp.875-882, 2019 (SCI-Expanded)
- LXX. **Resolution of coincident factors in altering the flow dynamics of an MHD elastoviscous fluid past an unbounded upright channel**
SHAHID N., TUNÇ C.
JOURNAL OF TAIBAH UNIVERSITY FOR SCIENCE, vol.13, no.1, pp.1022-1034, 2019 (SCI-Expanded)
- LXXI. **Stochastic differential equations on fractal sets**
Golmankhaneh A., TUNÇ C.
STOCHASTICS-AN INTERNATIONAL JOURNAL OF PROBABILITY AND STOCHASTIC PROCESSES, 2019 (SCI-Expanded)
- LXXII. **On the asymptotic analysis of bounded solutions to nonlinear differential equations of second order**
TUNÇ C., MOHAMMED S. A.
ADVANCES IN DIFFERENCE EQUATIONS, vol.2019, no.1, 2019 (SCI-Expanded)
- LXXIII. **Stability of abstract linear switched impulsive differential equations**
SLYN'KO V., TUNÇ C.
AUTOMATICA, vol.107, pp.433-441, 2019 (SCI-Expanded)

- LXXIV. **Inequalities for n-class of functions using the Saigo fractional integral operator**
Khan H., TUNÇ C., BALEANU D., KHAN A., ALKHAZZAN A.
REVISTA DE LA REAL ACADEMIA DE CIENCIAS EXACTAS FISICAS Y NATURALES SERIE A-MATEMATICAS, vol.113, no.3, pp.2407-2420, 2019 (SCI-Expanded)
- LXXV. **Sumudu transform in fractal calculus**
Golmankhaneh A., TUNÇ C.
APPLIED MATHEMATICS AND COMPUTATION, vol.350, pp.386-401, 2019 (SCI-Expanded)
- LXXVI. **Minkowski's inequality for the AB-fractional integral operator**
Khan H., ABDELJAWAD T., TUNÇ C., ALKHAZZAN A., KHAN A.
JOURNAL OF INEQUALITIES AND APPLICATIONS, 2019 (SCI-Expanded)
- LXXVII. **STABILITY OF NONLINEAR VOLTERRA INTEGRO-DIFFERENTIAL EQUATIONS WITH CAPUTO FRACTIONAL DERIVATIVE AND BOUNDED DELAYS**
Hristova S., TUNÇ C.
ELECTRONIC JOURNAL OF DIFFERENTIAL EQUATIONS, 2019 (SCI-Expanded)
- LXXVIII. **A note on the qualitative analysis of Volterra integro-differential equations**
TUNÇ C., TUNÇ O.
JOURNAL OF TAIBAH UNIVERSITY FOR SCIENCE, vol.13, no.1, pp.490-496, 2019 (SCI-Expanded)
- LXXIX. **ASYMPTOTIC STABILITY OF SOLUTIONS FOR A KIND OF THIRD-ORDER STOCHASTIC DIFFERENTIAL EQUATIONS WITH DELAYS**
MAHMOUD A. M., TUNÇ C.
MISKOLC MATHEMATICAL NOTES, vol.20, no.1, pp.381-393, 2019 (SCI-Expanded)
- LXXX. **NEW RESULTS ON THE EXPONENTIAL STABILITY OF SOLUTIONS OF PERIODIC NONLINEAR NEUTRAL DIFFERENTIAL SYSTEMS**
Altun Y., TUNÇ C.
DYNAMIC SYSTEMS AND APPLICATIONS, vol.28, no.2, pp.303-316, 2019 (SCI-Expanded)
- LXXXI. **Qualitative analysis for a variable delay system of differential equations of second order**
TUNÇ C., TUNÇ O.
JOURNAL OF TAIBAH UNIVERSITY FOR SCIENCE, vol.13, no.1, pp.468-477, 2019 (SCI-Expanded)
- LXXXII. **New operational matrices of orthogonal Legendre polynomials and their operational**
Talib I., TUNÇ C., NOOR Z. A.
JOURNAL OF TAIBAH UNIVERSITY FOR SCIENCE, vol.13, no.1, pp.377-389, 2019 (SCI-Expanded)
- LXXXIII. **On the stability and uniform stability of retarded integro-differential equations**
TUNÇ C., MOHAMMED S. A.
ALEXANDRIA ENGINEERING JOURNAL, vol.57, no.4, pp.3501-3507, 2018 (SCI-Expanded)
- LXXXIV. **Instability of set differential equations**
Slyn'ko V. I., TUNÇ C.
JOURNAL OF MATHEMATICAL ANALYSIS AND APPLICATIONS, vol.467, no.2, pp.935-947, 2018 (SCI-Expanded)
- LXXXV. **Sufficient Conditions for Stability of Periodic Linear Impulsive Delay Systems**
SLYN'KO V. I., TUNÇ C.
AUTOMATION AND REMOTE CONTROL, vol.79, no.11, pp.1989-2004, 2018 (SCI-Expanded)
- LXXXVI. **NEW CARLSON-BELLMAN AND HARDY-LITTLEWOOD DYNAMIC INEQUALITIES**
Saker S. H., TUNÇ C., Mahmoud R. R.
MATHEMATICAL INEQUALITIES & APPLICATIONS, vol.21, no.4, pp.967-983, 2018 (SCI-Expanded)
- LXXXVII. **Asymptotic stability and boundedness criteria for nonlinear retarded Volterra integro-differential equations**
TUNÇ C.
JOURNAL OF KING SAUD UNIVERSITY SCIENCE, vol.30, no.4, pp.531-536, 2018 (SCI-Expanded)
- LXXXVIII. **EXISTENCE THEOREMS AND HYERS-ULAM STABILITY FOR A CLASS OF HYBRID FRACTIONAL DIFFERENTIAL EQUATIONS WITH P-LAPLACIAN OPERATOR**
Khan H., TUNÇ C., CHEN W., KHAN A.
JOURNAL OF APPLIED ANALYSIS AND COMPUTATION, vol.8, no.4, pp.1211-1226, 2018 (SCI-Expanded)

- LXXXIX. **Fixed point theorems in b-metric spaces and their applications to non-linear fractional differential and integral equations**
 ZADA M. B., SARWAR M., TUNÇ C.
 JOURNAL OF FIXED POINT THEORY AND APPLICATIONS, vol.20, no.1, 2018 (SCI-Expanded)
- XC. **On behaviours of functional Volterra integro-differential equations with multiple time lags**
 TUNÇ C., TUNÇ O.
 JOURNAL OF TAIBAH UNIVERSITY FOR SCIENCE, vol.12, no.2, pp.173-179, 2018 (SCI-Expanded)
- XCII. **A generalization of Minkowski's inequality by Hahn integral operator**
 Khan H., TUNÇ C., ALKHAZAN A., AMEEN B., KHAN A.
 JOURNAL OF TAIBAH UNIVERSITY FOR SCIENCE, vol.12, no.5, pp.506-513, 2018 (SCI-Expanded)
- XCIII. **GLOBAL ASYMPTOTIC STABILITY OF NONLINEAR PERIODIC IMPULSIVE EQUATIONS**
 SLYN'KO V. I., TUNÇ C.
 MISKOLC MATHEMATICAL NOTES, vol.19, no.1, pp.595-610, 2018 (SCI-Expanded)
- XCIV. **New Qualitative Results for Solutions of Functional Differential Equations of Second Order**
 TUNÇ C., Erdur S.
 DISCRETE DYNAMICS IN NATURE AND SOCIETY, 2018 (SCI-Expanded)
- XCV. **Recent Trends in Dynamical Systems on Time Scales**
 Eid G., Neugebauer J., Raffoul Y. N., TUNÇ C.
 DISCRETE DYNAMICS IN NATURE AND SOCIETY, 2018 (SCI-Expanded)
- XCVI. **Existence theory and stability analysis to a system of boundary value problem**
 SHAH K., TUNÇ C.
 JOURNAL OF TAIBAH UNIVERSITY FOR SCIENCE, vol.11, no.6, pp.1330-1342, 2017 (SCI-Expanded)
- XCVII. **On the weighted pseudo almost periodic solutions of nonlinear functional Duffing equation**
 Yazgan R., TUNÇ C.
 Applied Mathematics and Information Sciences, vol.11, no.6, pp.1609-1614, 2017 (SCI-Expanded)
- XCVIII. **Qualitative properties in nonlinear Volterra integro-differential equations with delay. Journal of Taibah University for Science**
 TUNÇ C.
 JOURNAL OF TAIBAH UNIVERSITY FOR SCIENCE, vol.11, no.2, pp.309-314, 2017 (SCI-Expanded)
- XCIX. **NEW GENERALIZATIONS OF NEMETHMOHAPATRA TYPE INEQUALITIES ON TIME SCALES**
 AGARWAL R. P., Mahmoud R. R., Saker S. H., TUNÇ C.
 ACTA MATHEMATICA HUNGARICA, vol.152, no.2, pp.383-403, 2017 (SCI-Expanded)
- C. **INEQUALITIES AND EXPONENTIAL DECAY OF CERTAIN DIFFERENTIAL EQUATIONS OF FIRST ORDER IN TIME VARYING DELAY**
 Korkmaz E., Tunc C.
 DYNAMIC SYSTEMS AND APPLICATIONS, vol.26, no.1, pp.157-166, 2017 (SCI-Expanded)
- C. **Qualitative properties in nonlinear Volterra integro-differential equations with delay**
 TUNÇ C.
 JOURNAL OF TAIBAH UNIVERSITY FOR SCIENCE, vol.11, no.2, pp.309-314, 2017 (SCI-Expanded)
- CI. **STABILITY AND BOUNDEDNESS IN VOLTERRA INTEGRO-DIFFERENTIAL EQUATIONS WITH DELAY**
 TUNÇ C.
 DYNAMIC SYSTEMS AND APPLICATIONS, vol.26, no.1, pp.121-130, 2017 (SCI-Expanded)
- CII. **Qualitative properties of certain non-linear differential systems of second order**
 TUNÇ C., Dinc Y.
 JOURNAL OF TAIBAH UNIVERSITY FOR SCIENCE, vol.11, no.2, pp.359-366, 2017 (SCI-Expanded)
- CIII. **BOUNDEDNESS AND SQUARE INTEGRABILITY OF SOLUTIONS OF NONLINEAR FOURTH-ORDER DIFFERENTIAL EQUATIONS WITH BOUNDED DELAY**
 Korkmaz E., Tunc C.
 ELECTRONIC JOURNAL OF DIFFERENTIAL EQUATIONS, 2017 (SCI-Expanded)
- CIV. **On the Lipschitz condition in the fractal calculus**
 Golmankhaneh A., TUNÇ C.

CHAOS SOLITONS & FRACTALS, vol.95, pp.140-147, 2017 (SCI-Expanded)

- CV. **On the nature of solutions of neutral differential equations with periodic coefficients**
TUNÇ C., Altun Y.
Applied Mathematics and Information Sciences, vol.11, no.2, pp.393-399, 2017 (SCI-Expanded)
- CVI. **An analytical method for solving exact solutions of the nonlinear Bogoyavlenskii equation and the nonlinear diffusive predator-prey system**
ALAM M. N., TUNÇ C.
ALEXANDRIA ENGINEERING JOURNAL, vol.55, no.2, pp.1855-1865, 2016 (SCI-Expanded)
- CVII. **Qualitative properties of certain non-linear differential systems of second order**
TUNÇ C., DİNÇ Y.
JOURNAL OF TAIBAH UNIVERSITY FOR SCIENCE, vol., 2016 (SCI-Expanded)
- CVIII. **BEHAVIOR OF SOLUTIONS OF NONLINEAR FUNCTIONAL VOLTERRA INTEGRO-DIFFERENTIAL EQUATIONS WITH MULTIPLE DELAYS**
GRAEF J. R., Tunc C., Sevgin S.
DYNAMIC SYSTEMS AND APPLICATIONS, vol.25, pp.39-46, 2016 (SCI-Expanded)
- CIX. **Global existence and boundedness of solutions of a certain nonlinear integro-differential equation of second order with multiple deviating arguments**
TUNÇ C., Ayhan T.
JOURNAL OF INEQUALITIES AND APPLICATIONS, 2016 (SCI-Expanded)
- CX. **Boundedness of Solutions to a Certain System of Differential Equations with Multiple Delays**
TUNÇ C.
MATHEMATICAL MODELING AND APPLICATIONS IN NONLINEAR DYNAMICS, vol.14, pp.109-123, 2016 (SCI-Expanded)
- CXI. **ON THE EXISTENCE OF PERIODIC SOLUTIONS OF FUNCTIONAL DIFFERENTIAL EQUATIONS OF THE THIRD ORDER**
TUNÇ C.
APPLIED AND COMPUTATIONAL MATHEMATICS, vol.15, no.2, pp.189-199, 2016 (SCI-Expanded)
- CXII. **On the boundedness and integration of non-oscillatory solutions of certain linear differential equations of second order**
TUNÇ C., Tunc O.
JOURNAL OF ADVANCED RESEARCH, vol.7, no.1, pp.165-168, 2016 (SCI-Expanded)
- CXIII. **Instability of solutions of vector Lienard equation with constant delay**
TUNÇ C.
BULLETIN MATHEMATIQUE DE LA SOCIETE DES SCIENCES MATHÉMATIQUES DE ROUMANIE, vol.59, no.2, pp.197-204, 2016 (SCI-Expanded)
- CXIV. **On some qualitative behaviors of certain differential equations of fourth order with multiple retardations**
Korkmaz E., TUNÇ C.
Journal of Applied Analysis and Computation, vol.6, no.2, pp.336-349, 2016 (SCI-Expanded)
- CXV. **EXISTENCE OF SOLUTIONS TO SECOND-ORDER NONLINEAR COUPLED SYSTEMS WITH NONLINEAR COUPLED BOUNDARY CONDITIONS**
Talib I., Asif N. A., TUNÇ C.
ELECTRONIC JOURNAL OF DIFFERENTIAL EQUATIONS, 2015 (SCI-Expanded)
- CXVI. **GLOBAL STABILITY AND BOUNDEDNESS OF SOLUTIONS TO DIFFERENTIAL EQUATIONS OF THIRD ORDER WITH MULTIPLE DELAYS**
TUNÇ C.
DYNAMIC SYSTEMS AND APPLICATIONS, vol.24, no.4, pp.467-478, 2015 (SCI-Expanded)
- CXVII. **Global asymptotic stability and boundedness of certain multi-delay functional differential equations of third order**
Graef J. R., TUNÇ C.
MATHEMATICAL METHODS IN THE APPLIED SCIENCES, vol.38, no.17, pp.3747-3752, 2015 (SCI-Expanded)

- CXVIII. **Existence of solution for first-order coupled system with nonlinear coupled boundary conditions**
Asif N. A., Talib I., TUNÇ C.
BOUNDARY VALUE PROBLEMS, 2015 (SCI-Expanded)
- CXIX. **Qualitative theory of functional differential and integral equations**
Tunç C., Benchohra M., Liu B., Islam M. N., Saker S. H.
ABSTRACT AND APPLIED ANALYSIS, pp.2-4, 2015 (SCI-Expanded)
- CXX. **Pseudo almost periodic solutions for CNNs with leakage delays and complex deviating arguments**
LIU B., TUNÇ C.
NEURAL COMPUTING & APPLICATIONS, vol.26, no.2, pp.429-435, 2015 (SCI-Expanded)
- CXXI. **On the stability to a functional lienard type equation with variable delay by Fixed points theory**
TUNÇ C.
Applied Mathematics and Information Sciences, vol.9, no.1, pp.463-472, 2015 (SCI-Expanded)
- CXXII. **Continuability and boundedness of multi-delay functional integro-differential equations of the second order**
Graef J. R., TUNÇ C.
REVISTA DE LA REAL ACADEMIA DE CIENCIAS EXACTAS FISICAS Y NATURALES SERIE A-MATEMATICAS, vol.109, no.1, pp.169-173, 2015 (SCI-Expanded)
- CXXIII. **Pseudo almost periodic solutions for a class of first order differential iterative equations**
LIU B., TUNÇ C.
Applied Mathematics Letters, vol.40, pp.29-34, 2015 (SCI-Expanded)
- CXXIV. **On the qualitative behaviors of solutions of some differential equations of higher order with multiple deviating arguments**
Tunc C.
JOURNAL OF THE FRANKLIN INSTITUTE-ENGINEERING AND APPLIED MATHEMATICS, vol.351, no.2, pp.643-655, 2014 (SCI-Expanded)
- CXXV. **Stability and Boundedness to Certain Differential Equations of Fourth Order with Multiple Delays**
Korkmaz E., TUNÇ C.
FILOMAT, vol.28, no.5, pp.1049-1058, 2014 (SCI-Expanded)
- CXXVI. **Stability to a Kind of Functional Differential Equations of Second Order with Multiple Delays by Fixed Points**
TUNÇ C., Bicer E.
ABSTRACT AND APPLIED ANALYSIS, 2014 (SCI-Expanded)
- CXXVII. **A Note on the Bounded Solutions to $x'' + c(t, x, x') + q(t)b(x) = f(t)$**
Tunc C.
APPLIED MATHEMATICS & INFORMATION SCIENCES, vol.8, no.1, pp.393-399, 2014 (SCI-Expanded)
- CXXVIII. **Asymptotic stability of solutions of a class of neutral differential equations with multiple deviating arguments**
Tunc C.
BULLETIN MATHEMATIQUE DE LA SOCIETE DES SCIENCES MATHÉMATIQUES DE ROUMANIE, vol.57, no.1, pp.121-130, 2014 (SCI-Expanded)
- CXXIX. **INSTABILITY OF A FIFTH ORDER NON-LINEAR VECTOR DELAY DIFFERENTIAL EQUATION WITH MULTIPLE DEVIATING ARGUMENTS**
Tunc C.
UNIVERSITY POLITEHNICA OF BUCHAREST SCIENTIFIC BULLETIN-SERIES A-APPLIED MATHEMATICS AND PHYSICS, vol.76, no.1, pp.155-162, 2014 (SCI-Expanded)
- CXXX. **Convergence of Solutions to a Certain Vector Differential Equation of Third Order**
TUNÇ C., Gözen M.
ABSTRACT AND APPLIED ANALYSIS, 2014 (SCI-Expanded)
- CXXXI. **Stability to vector Li,nard equation with constant deviating argument**
Tunc C.
NONLINEAR DYNAMICS, vol.73, no.3, pp.1245-1251, 2013 (SCI-Expanded)

- CXXXII. **Instability to Nonlinear Vector Differential Equations of Fourth Order with Constant Delay**
Tunc C.
SAINS MALAYSIANA, vol.42, no.7, pp.999-1002, 2013 (SCI-Expanded)
- CXXXIII. **Existence of Periodic Solutions to Multidelay Functional Differential Equations of Second Order**
TUNÇ C., Yazgan R.
ABSTRACT AND APPLIED ANALYSIS, 2013 (SCI-Expanded)
- CXXXIV. **New Results on the Stability and Boundedness of Nonlinear Differential Equations of Fifth Order with Multiple Deviating Arguments**
Tunc C.
BULLETIN OF THE MALAYSIAN MATHEMATICAL SCIENCES SOCIETY, vol.36, no.3, pp.671-682, 2013 (SCI-Expanded)
- CXXXV. **Boundedness of Solutions to Differential Equations of Fourth Order with Oscillatory Restoring and Forcing Terms**
TUNÇ C., Ateş M.
DISCRETE DYNAMICS IN NATURE AND SOCIETY, 2013 (SCI-Expanded)
- CXXXVI. **Stability and Uniform Boundedness in Multidelay Functional Differential Equations of Third Order**
TUNÇ C., Gözen M.
ABSTRACT AND APPLIED ANALYSIS, 2013 (SCI-Expanded)
- CXXXVII. **Stability and boundedness in multi delay vector Lienard equation**
Tunc C.
FILOMAT, vol.27, no.3, pp.435-445, 2013 (SCI-Expanded)
- CXXXVIII. **Stability and boundedness for a kind of non-autonomous differential equations with constant delay**
Tunc C.
APPLIED MATHEMATICS & INFORMATION SCIENCES, vol.7, no.1, pp.355-361, 2013 (SCI-Expanded)
- CXXXIX. **On the boundedness of solutions of a kind of non-autonomous differential equations of second order with finitely many deviating arguments**
Tunc C.
FILOMAT, vol.26, no.3, pp.529-538, 2012 (SCI-Expanded)
- CXL. **On the integrability of solutions of non-autonomous differential equations of second order with multiple variable deviating arguments**
TUNÇ C., Altun M.
JOURNAL OF COMPUTATIONAL ANALYSIS AND APPLICATIONS, vol.14, no.5, pp.899-908, 2012 (SCI-Expanded)
- CXLI. **EXISTENCE OF PERIODIC SOLUTIONS FOR RAYLEIGH EQUATIONS WITH STATE-DEPENDENT DELAY**
Alzabut J. O., TUNÇ C.
ELECTRONIC JOURNAL OF DIFFERENTIAL EQUATIONS, 2012 (SCI-Expanded)
- CXLII. **Qualitative Behaviors of Functional Differential Equations of Third Order with Multiple Deviating Arguments**
Tunc C.
ABSTRACT AND APPLIED ANALYSIS, 2012 (SCI-Expanded)
- CXLIII. **On the Instability of Solutions of Nonlinear Delay Differential Equations of Fourth and Fifth Order**
Tunc C.
SAINS MALAYSIANA, vol.40, no.12, pp.1455-1459, 2011 (SCI-Expanded)
- CXLIV. **Stability and boundedness of solutions of non-autonomous differential equations of second order**
Tunc C.
JOURNAL OF COMPUTATIONAL ANALYSIS AND APPLICATIONS, vol.13, no.6, pp.1067-1074, 2011 (SCI-Expanded)
- CXLV. **Instability result of a fifth order non-linear delay system**
Tunc C.
OPTOELECTRONICS AND ADVANCED MATERIALS-RAPID COMMUNICATIONS, vol.5, no.9, pp.891-894, 2011 (SCI-Expanded)
- CXLVI. **STABILITY, BOUNDEDNESS AND UNIFORM BOUNDEDNESS OF SOLUTIONS OF NONLINEAR DELAY DIFFERENTIAL EQUATIONS**

- TUNÇ C.
DISCRETE AND CONTINUOUS DYNAMICAL SYSTEMS, vol.31, pp.1395-1403, 2011 (SCI-Expanded)
- CXLVII. **On the stability and boundedness of a class of higher order delay differential equations**
Tunc C.
JOURNAL OF THE FRANKLIN INSTITUTE-ENGINEERING AND APPLIED MATHEMATICS, vol.348, no.7, pp.1404-1415, 2011 (SCI-Expanded)
- CXLVIII. **AN INSTABILITY THEOREM FOR A CERTAIN FIFTH-ORDER DELAY DIFFERENTIAL EQUATION**
Tunc C.
FILOMAT, vol.25, no.3, pp.145-151, 2011 (SCI-Expanded)
- CXLIX. **NEW BOUNDEDNESS RESULTS FOR A KIND OF NONLINEAR DIFFERENTIAL EQUATIONS OF THIRD ORDER**
TUNÇ C., Ayhan T.
JOURNAL OF COMPUTATIONAL ANALYSIS AND APPLICATIONS, vol.13, no.3, pp.477-484, 2011 (SCI-Expanded)
- CL. **ON THE CONVERGENCE OF SOLUTIONS OF SOME NONLINEAR DIFFERENTIAL EQUATIONS OF THIRD ORDER**
TUNÇ C., Korkmaz E.
JOURNAL OF COMPUTATIONAL ANALYSIS AND APPLICATIONS, vol.13, no.3, pp.470-476, 2011 (SCI-Expanded)
- CLI. **New boundedness results for solutions of second order non-autonomous delay differential equations**
Tunc C.
JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS, vol.13, pp.296-301, 2011 (SCI-Expanded)
- CLII. **On the instability of solutions of some fifth order nonlinear delay differential equations**
Tunc C.
APPLIED MATHEMATICS & INFORMATION SCIENCES, vol.5, no.1, pp.112-121, 2011 (SCI-Expanded)
- CLIII. **UNIFORMLY STABILITY AND BOUNDEDNESS OF SOLUTIONS OF SECOND ORDER NONLINEAR DELAY DIFFERENTIAL EQUATIONS**
Tunc C.
APPLIED AND COMPUTATIONAL MATHEMATICS, vol.10, no.3, pp.449-462, 2011 (SCI-Expanded)
- CLIV. **On the uniform boundedness of solutions of Lienard type equations with multiple deviating arguments**
Tunc C.
CARPATHIAN JOURNAL OF MATHEMATICS, vol.27, no.2, pp.269-275, 2011 (SCI-Expanded)
- CLV. **Stability and bounded of solutions to non-autonomous delay differential equations of third order**
Tunc C.
NONLINEAR DYNAMICS, vol.62, no.4, pp.945-953, 2010 (SCI-Expanded)
- CLVI. **A NOTE ON BOUNDEDNESS OF SOLUTIONS TO A CLASS OF NON-AUTONOMOUS DIFFERENTIAL EQUATIONS OF SECOND ORDER**
Tunc C.
APPLICABLE ANALYSIS AND DISCRETE MATHEMATICS, vol.4, no.2, pp.361-372, 2010 (SCI-Expanded)
- CLVII. **STABILITY ANALYSIS OF A CLASS OF GENERALIZED NEUTRAL EQUATIONS**
TUNÇ C., Sirma A.
JOURNAL OF COMPUTATIONAL ANALYSIS AND APPLICATIONS, vol.12, no.4, pp.754-759, 2010 (SCI-Expanded)
- CLVIII. **ON THE STABILITY AND BOUNDEDNESS OF SOLUTIONS OF NONLINEAR THIRD ORDER DIFFERENTIAL EQUATIONS WITH DELAY**
Tunc C.
FILOMAT, vol.24, no.3, pp.1-10, 2010 (SCI-Expanded)
- CLIX. **New stability and boundedness results of Li,nard type equations with multiple deviating arguments**
Tunc C.
JOURNAL OF CONTEMPORARY MATHEMATICAL ANALYSIS-ARMENIAN ACADEMY OF SCIENCES, vol.45, no.4, pp.214-220, 2010 (SCI-Expanded)
- CLX. **Existence and uniqueness of periodic solutions for a kind of Rayleigh equation with finitely many**

deviating arguments

Sirma A., TUNÇ C., Ozlem S.

NONLINEAR ANALYSIS-THEORY METHODS & APPLICATIONS, vol.73, no.2, pp.358-366, 2010 (SCI-Expanded)

- CLXI. **On Boundedness of a Certain Non-linear Differential Equation of Third Order**
TUNÇ C., Ergoren H.
JOURNAL OF COMPUTATIONAL ANALYSIS AND APPLICATIONS, vol.12, no.3, pp.687-694, 2010 (SCI-Expanded)
- CLXII. **On the stability of solutions of nonlinear differential equations of fifth order with delay**
Tunc C.
MATHEMATICAL COMMUNICATIONS, vol.15, no.1, pp.261-272, 2010 (SCI-Expanded)
- CLXIII. **Bound of solutions to third-order nonlinear differential equations with bounded delay**
Tunc C.
JOURNAL OF THE FRANKLIN INSTITUTE-ENGINEERING AND APPLIED MATHEMATICS, vol.347, no.2, pp.415-425, 2010 (SCI-Expanded)
- CLXIV. **On the existence of periodic solutions to nonlinear third order ordinary differential equations with delay**
Tunc C.
JOURNAL OF COMPUTATIONAL ANALYSIS AND APPLICATIONS, vol.12, no.1, pp.191-201, 2010 (SCI-Expanded)
- CLXV. **Some new stability and boundedness results of solutions of Lienard type equations with a deviating argument**
Tunc C.
NONLINEAR ANALYSIS-HYBRID SYSTEMS, vol.4, no.1, pp.85-91, 2010 (SCI-Expanded)
- CLXVI. **ON THE INSTABILITY OF THE SOLUTIONS OF SOME NONLINEAR VECTOR DIFFERENTIAL EQUATIONS OF FOURTH ORDER**
Tunc C.
MISKOLC MATHEMATICAL NOTES, vol.11, no.2, pp.191-200, 2010 (SCI-Expanded)
- CLXVII. **On some qualitative behaviors of solutions to a kind of third order nonlinear delay differential equations**
Tunc C.
ELECTRONIC JOURNAL OF QUALITATIVE THEORY OF DIFFERENTIAL EQUATIONS, no.12, pp.1-19, 2010 (SCI-Expanded)
- CLXVIII. **Some stability and boundedness conditions for non-autonomous differential equations with deviating arguments**
Tunc C.
ELECTRONIC JOURNAL OF QUALITATIVE THEORY OF DIFFERENTIAL EQUATIONS, no.1, pp.1-12, 2010 (SCI-Expanded)
- CLXIX. **Boundedness analysis for certain two-dimensional differential systems via a Lyapunov approach**
Tunc C.
BULLETIN MATHEMATIQUE DE LA SOCIETE DES SCIENCES MATHÉMATIQUES DE ROUMANIE, vol.53, no.1, pp.61-68, 2010 (SCI-Expanded)
- CLXX. **Asymptotically linear solutions of differential equations via Lyapunov functions**
MUSTAFA O. G., TUNÇ C.
APPLIED MATHEMATICS AND COMPUTATION, vol.215, no.8, pp.3076-3081, 2009 (SCI-Expanded)
- CLXXI. **Some stability and boundedness results to nonlinear differential equations of Lienard type with finite delay**
Tunc C.
JOURNAL OF COMPUTATIONAL ANALYSIS AND APPLICATIONS, vol.11, no.4, pp.711-727, 2009 (SCI-Expanded)
- CLXXII. **BOUNDED SOLUTIONS TO NONLINEAR DELAY DIFFERENTIAL EQUATIONS OF THIRD ORDER**
Tunc C.
TOPOLOGICAL METHODS IN NONLINEAR ANALYSIS, vol.34, no.1, pp.131-139, 2009 (SCI-Expanded)
- CLXXIII. **On the stability and boundedness of solutions to third order nonlinear differential equations with retarded argument**

- Tunc C.
NONLINEAR DYNAMICS, vol.57, pp.97-106, 2009 (SCI-Expanded)
- CLXXIV. **A new result on the boundedness of solutions to a nonlinear differential equation of fifth-order with delay**
Tunc C.
KUWAIT JOURNAL OF SCIENCE & ENGINEERING, vol.36, pp.15-31, 2009 (SCI-Expanded)
- CLXXV. **On the stability and boundedness of solutions of nonlinear vector differential equations of third order**
Tunc C.
NONLINEAR ANALYSIS-THEORY METHODS & APPLICATIONS, vol.70, no.6, pp.2232-2236, 2009 (SCI-Expanded)
- CLXXVI. **The bounded solutions to nonlinear fifth-order differential equations with delay**
Tunc C.
COMPUTATIONAL & APPLIED MATHEMATICS, vol.28, no.2, pp.213-230, 2009 (SCI-Expanded)
- CLXXVII. **ON THE BOUNDEDNESS OF SOLUTIONS OF DELAY DIFFERENTIAL EQUATIONS OF THIRD ORDER**
Tunc C.
ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING, vol.34, pp.227-237, 2009 (SCI-Expanded)
- CLXXVIII. **ON THE QUALITATIVE BEHAVIOR OF THE SOLUTIONS FOR A KIND OF NONLINEAR THIRD ORDER DIFFERENTIAL EQUATIONS WITH A RETARTED ARGUMENT**
Tunc C.
ANALELE STIINTIFICE ALE UNIVERSITATII OVIDIUS CONSTANTA-SERIA MATEMATICA, vol.17, no.2, pp.215-230, 2009 (SCI-Expanded)
- CLXXIX. **Stability criteria for certain third order nonlinear delay differential equations**
Tunc C.
PORTUGALIAE MATHEMATICA, vol.66, no.1, pp.71-80, 2009 (SCI-Expanded)
- CLXXX. **Nonexistence of Nontrivial Periodic Solutions to a Class of Nonlinear Differential Equations of Eighth Order**
Tunc C.
BULLETIN OF THE MALAYSIAN MATHEMATICAL SCIENCES SOCIETY, vol.32, no.3, pp.307-311, 2009 (SCI-Expanded)
- CLXXXI. **ON THE STABILITY OF SOLUTIONS FOR NON-AUTONOMOUS DELAY DIFFERENTIAL EQUATIONS OF THIRD-ORDER**
Tunc C.
IRANIAN JOURNAL OF SCIENCE AND TECHNOLOGY TRANSACTION A-SCIENCE, vol.32, pp.261-273, 2008 (SCI-Expanded)
- CLXXXII. **On the boundedness of solutions of third-order delay differential equations**
Tunc C.
DIFFERENTIAL EQUATIONS, vol.44, no.4, pp.464-472, 2008 (SCI-Expanded)
- CLXXXIII. **Further Results on the Instability of Solutions of Certain Nonlinear Vector Differential Equations of Fifth Order**
Tunc C.
APPLIED MATHEMATICS & INFORMATION SCIENCES, vol.2, no.1, pp.51-60, 2008 (SCI-Expanded)
- CLXXXIV. **A new boundedness theorem for a class of second order differential equations**
Tunc C.
ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING, vol.33, pp.83-92, 2008 (SCI-Expanded)
- CLXXXV. **A new instability result to nonlinear vector differential equations of fifth order**
TUNÇ C., KARTA M.
DISCRETE DYNAMICS IN NATURE AND SOCIETY, 2008 (SCI-Expanded)
- CLXXXVI. **On the stability of solutions to a certain fourth-order delay differential equation**
Tunc C.
NONLINEAR DYNAMICS, vol.51, pp.71-81, 2008 (SCI-Expanded)
- CLXXXVII. **On the asymptotic behavior of solutions of certain second-order differential equations**

- Tunc C., TUNC E.
 JOURNAL OF THE FRANKLIN INSTITUTE-ENGINEERING AND APPLIED MATHEMATICS, vol.344, no.5, pp.391-398,
 2007 (SCI-Expanded)
- :LXXXVIII. **Stability and boundedness properties of certain second-order differential equations**
 Tunc C., Sevli H.
 JOURNAL OF THE FRANKLIN INSTITUTE-ENGINEERING AND APPLIED MATHEMATICS, vol.344, no.5, pp.399-405,
 2007 (SCI-Expanded)
- CLXXXIX. **New results about instability of nonlinear ordinary vector differential equations of sixth and seventh orders**
 Tunc C.
 DYNAMICS OF CONTINUOUS DISCRETE AND IMPULSIVE SYSTEMS-SERIES A-MATHEMATICAL ANALYSIS, vol.14,
 no.1, pp.123-136, 2007 (SCI-Expanded)
- CXC. **About uniform boundedness and convergence of solutions of certain non-linear differential equations of fifth-order**
 Tunc C.
 BULLETIN OF THE MALAYSIAN MATHEMATICAL SCIENCES SOCIETY, vol.30, no.1, pp.1-12, 2007 (SCI-Expanded)
- CXCI. **Some remarks on the stability and boundedness of solutions of certain differential equations of fourth-order**
 Tunc C.
 COMPUTATIONAL & APPLIED MATHEMATICS, vol.26, no.1, pp.1-17, 2007 (SCI-Expanded)
- CXCII. **On stability of solutions of certain fourth-order delay differential equations**
 Tunc C.
 APPLIED MATHEMATICS AND MECHANICS-ENGLISH EDITION, vol.27, no.8, pp.1141-1148, 2006 (SCI-Expanded)
- CXCIII. **Stability and boundedness results for solutions of certain third order nonlinear vector differential equations**
 Tunc C., Ates M.
 NONLINEAR DYNAMICS, vol.45, pp.273-281, 2006 (SCI-Expanded)
- CXCIV. **New results about stability and boundedness of solutions of certain non-linear third-order delay differential equations**
 Tunc C.
 ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING, vol.31, pp.185-196, 2006 (SCI-Expanded)
- CXCV. **Some new stability and boundedness results on the solutions of the nonlinear vector differential equations of second order**
 Tunc C.
 IRANIAN JOURNAL OF SCIENCE AND TECHNOLOGY TRANSACTION A-SCIENCE, vol.30, pp.213-221, 2006 (SCI-Expanded)
- CXCVI. **STABILITY AND BOUNDEDNESS OF SOLUTIONS TO CERTAIN FOURTH-ORDER DIFFERENTIAL EQUATIONS**
 Tunc C.
 ELECTRONIC JOURNAL OF DIFFERENTIAL EQUATIONS, 2006 (SCI-Expanded)
- CXCVII. **INSTABILITY RESULTS FOR CERTAIN THIRD ORDER NONLINEAR VECTOR DIFFERENTIAL EQUATIONS**
 TUNÇ C., Tunc E.
 ELECTRONIC JOURNAL OF DIFFERENTIAL EQUATIONS, 2006 (SCI-Expanded)
- CXCVIII. **An instability theorem for a class of eighth-order differential equations**
 Tunc C., TUNC E.
 DIFFERENTIAL EQUATIONS, vol.42, no.1, pp.150-154, 2006 (SCI-Expanded)
- CXCIX. **Uniform ultimate boundedness of the solutions of third-order nonlinear differential equations**
 Tunc C.
 KUWAIT JOURNAL OF SCIENCE & ENGINEERING, vol.32, no.1, pp.39-48, 2005 (SCI-Expanded)
- CC. **Instability of solutions of certain nonlinear vector differential equations of order seven**
 Tunc C., TUNC E.

IRANIAN JOURNAL OF SCIENCE AND TECHNOLOGY TRANSACTION A-SCIENCE, vol.29, pp.515-521, 2005 (SCI-Expanded)

- CCI. **An instability result for certain system of sixth order differential equations**
Tunc C.
APPLIED MATHEMATICS AND COMPUTATION, vol.157, no.2, pp.477-481, 2004 (SCI-Expanded)
- CCII. **A note on the stability and boundedness results of solutions of certain fourth order differential equations**
Tunc C.
APPLIED MATHEMATICS AND COMPUTATION, vol.155, no.3, pp.837-843, 2004 (SCI-Expanded)
- CCIII. **A study of the asymptotic behaviour of solutions of certain non-autonomous differential equations of the fifth order**
Tunc C.
APPLIED MATHEMATICS AND COMPUTATION, vol.154, no.1, pp.103-113, 2004 (SCI-Expanded)
- CCIV. **On the asymptotic behaviour of solutions of certain non-autonomous differential equations**
Tunc C., TUNC E.
APPLIED MATHEMATICS AND COMPUTATION, vol.151, no.2, pp.363-378, 2004 (SCI-Expanded)
- CCV. **ON THE INSTABILITY OF CERTAIN SIXTH-ORDER NONLINEAR DIFFERENTIAL EQUATIONS**
Tunc C.
ELECTRONIC JOURNAL OF DIFFERENTIAL EQUATIONS, 2004 (SCI-Expanded)
- CCVI. **On the asymptotic behaviour of solutions of certain fifth-order ordinary differential equations**
Tunc C.
APPLIED MATHEMATICS AND MECHANICS-ENGLISH EDITION, vol.24, no.8, pp.893-901, 2003 (SCI-Expanded)
- CCVII. **A study of the stability and boundedness of the solutions of nonlinear differential equations of the fifth order**
Tunc C.
INDIAN JOURNAL OF PURE & APPLIED MATHEMATICS, vol.33, no.4, pp.519-529, 2002 (SCI-Expanded)
- CCVIII. **On the uniform boundedness of solutions of some non-autonomous differential equations of the fourth order**
Tunc C.
APPLIED MATHEMATICS AND MECHANICS-ENGLISH EDITION, vol.20, no.6, pp.622-628, 1999 (SCI-Expanded)
- CCIX. **On the boundedness and periodicity of the solutions of a certain vector differential equation of third-order**
Tunc C.
APPLIED MATHEMATICS AND MECHANICS-ENGLISH EDITION, vol.20, no.2, pp.163-170, 1999 (SCI-Expanded)
- CCX. **CONSTRUCTING LYAPUNOV FUNCTIONS FOR CERTAIN 4TH-ORDER AUTONOMOUS DIFFERENTIAL-EQUATIONS**
TIRYAKI A., TUNC C.
INDIAN JOURNAL OF PURE & APPLIED MATHEMATICS, vol.26, no.3, pp.225-232, 1995 (SCI-Expanded)

Articles Published in Other Journals

- I. **On Qualitative Behaviour of Solutions of Third Order Matrix Delay Differential Equations**
Adeyanju A. A., Tunç C., Ogundare B. S.
Contemporary Mathematics (Singapore), vol.6, no.1, pp.112-134, 2025 (Scopus)
- II. **On unique solutions of integral equations by progressive contractions**
Graef J. R., Tunç O., Tunç C.
Computational Methods for Differential Equations, vol.13, no.1, pp.183-189, 2025 (ESCI)
- III. **Exploring the Lower and Upper Solutions Approach for ABC-Fractional Derivative Differential Equations**
Talib I., Riaz M. B., Batool A., Tunç C.

International Journal of Applied and Computational Mathematics, vol.10, no.6, 2024 (Scopus)

- IV. **GENERAL DECAY STABILITY OF NONLINEAR DELAYED HYBRID STOCHASTIC SYSTEM WITH SWITCHED NOISES**
Zouine A., Imzegouan C., Bouzahir H., Tunç C.
Applied Set-Valued Analysis and Optimization, vol.6, no.2, pp.157-177, 2024 (Scopus)
- V. **Uniform-ultimate boundedness, stability and periodicity of solutions to certain differential equation of third order**
Adeyanju A. A., Tunç C.
Montes Taurus Journal of Pure and Applied Mathematics, vol.6, no.2, pp.1-14, 2024 (Scopus)
- VI. **On the qualitative behaviors of Volterra-Fredholm integro differential equations with multiple time-varying delays**
Tunç C., Tunç O.
Arab Journal of Basic and Applied Sciences, vol.31, no.1, pp.440-453, 2024 (Scopus)
- VII. **Improved new qualitative results on stochastic delay differential equations of second order**
Tunç C., Oktan Z.
Computational Methods for Differential Equations, vol.12, no.1, pp.67-76, 2024 (ESCI)
- VIII. **Dynamics of Damped and Undamped Wave Natures of the Fractional Kraenkel-Manna-Merle System in Ferromagnetic Materials**
Alam M. N., Rahim M. A., Hossain M. N., Tunç C.
Journal of Applied and Computational Mechanics, vol.10, no.2, pp.317-329, 2024 (ESCI)
- IX. **STABILITY AND BOUNDEDNESS OF STOCHASTIC INTEGRO-DELAY DIFFERENTIAL EQUATIONS**
Tunç C., Oktan Z.
Journal of Mathematical Analysis, vol.15, no.5, pp.69-83, 2024 (ESCI)
- X. **Bifurcation Analysis and Solitary Wave Analysis of the Nonlinear Fractional Soliton Neuron Model**
Alam M. N., Akash H. S., Saha U., Hasan M. S., Parvin M. W., Tunç C.
Iranian Journal of Science, vol.47, no.5-6, pp.1797-1808, 2023 (Scopus)
- XI. **Uniform-ultimate boundedness of solutions to vector lienard equation with delay**
Adeyanju A. A., Tunç C.
Annali dell'Universita di Ferrara, vol.69, no.2, pp.605-614, 2023 (Scopus)
- XII. **The New Soliton Configurations of the 3D Fractional Model in Arising Shallow Water Waves**
Alam M. N., Talib I., Tunç C.
International Journal of Applied and Computational Mathematics, vol.9, no.5, 2023 (Scopus)
- XIII. **On the Qualitative Analysis of Solutions of a Class of Nonlinear Differential Equations of the Second Order with Constant Delay**
Tunç C., Tunç O.
Journal of Mathematical Sciences (United States), vol.274, no.1, pp.114-125, 2023 (Scopus)
- XIV. **Upper bounds for the blow up time for the Kirchhoff- type equation**
DİNÇ Y., PİŞKİN E., Tunç C.
Communications Faculty of Sciences University of Ankara Series A1: Mathematics and Statistics, vol.72, no.2, pp.352-362, 2023 (Peer-Reviewed Journal)
- XV. **On the existence of periodic solutions of third order delay differential equations**
Erdur S., Tunç C.
Computational Methods for Differential Equations, vol.11, no.2, pp.319-331, 2023 (ESCI)
- XVI. **On the study of neutral stochastic integro-differential neural networks with semi-Markovian jumps and random multi-delay in the past and present moments**
Imzegouan C., Zouine A., Jabour A., Tunç C.
Nonlinear Studies, vol.30, no.3, pp.641-654, 2023 (Scopus)
- XVII. **MULTIPLICITY RESULTS OF CRITICAL LOCAL EQUATION RELATED TO THE GENUS THEORY**
Alimohammady M., Rezvani A., Tunç C.
Communications of the Korean Mathematical Society, vol.38, no.4, pp.1045-1061, 2023 (ESCI)
- XVIII. **The stability of nonlinear delay integro-differential equations in the sense of Hyers-Ulam**

- Graef J. R., Tunç C., Sengun M., Tunç O.
Nonautonomous Dynamical Systems, vol.10, no.1, 2023 (Scopus)
- XIX. **FIXED POINT RESULTS VIA Ψ -CONTRACTION IN C^* -ALGEBRA VALUED GENERALIZED METRIC SPACES WITH APPLICATIONS**
Rahmat G., Yousaf A., Sarwar M., Shoaib M., Tunç C.
Journal of Mathematical Analysis, vol.14, no.2, pp.12-24, 2023 (Scopus)
- XX. **On the exponential admissibility of singular systems with multiply variable delays**
Yiğit A., Tunç C.
Palestine Journal of Mathematics, vol.12, no.2, pp.430-449, 2023 (Scopus)
- XXI. **Stability for neutral-type integro-differential neural networks with random switches in noise and delay**
Imzegouan C., Zouine A., Bouzahir H., Tunç C.
Computational Methods for Differential Equations, vol.11, no.1, pp.65-80, 2023 (ESCI)
- XXII. **Controllability and observability of linear impulsive differential algebraic system with Caputo fractional derivative**
Zehra A., Younus A., Tunç C.
COMPUTATIONAL METHODS FOR DIFFERENTIAL EQUATIONS, vol.10, no.1, pp.200-214, 2022 (ESCI)
- XXIII. **Stability of time-delay systems via the Razumikhin method**
Graef J. R., Tunç C., Tunç O.
BOLETIN DE LA SOCIEDAD MATEMATICA MEXICANA, vol.28, no.2, 2022 (ESCI)
- XXIV. **Application of variation of parameter's method for hydrothermal analysis on MHD squeezing nanofluid flow in parallel plates**
Zabihi A., Akinshilo A. T., Rezazadeh H., Ansari R., Sobamowo M. G., Tunç C.
COMPUTATIONAL METHODS FOR DIFFERENTIAL EQUATIONS, vol.10, no.3, pp.580-594, 2022 (ESCI)
- XXV. **Further Results on the Admissibility of Singular Systems with Delays**
Yigit A., Tunç C.
APPLICATIONS AND APPLIED MATHEMATICS-AN INTERNATIONAL JOURNAL, vol.17, no.1, pp.227-242, 2022 (ESCI)
- XXVI. **On the Asymptotic Stability of Solutions of Nonlinear Delay Differential Equations**
Tunç C., Yiğit A.
Journal of Mathematical Sciences (United States), vol.261, no.2, pp.337-352, 2022 (Scopus)
- XXVII. **Covering properties by (α) - θ -open sets in (α) topological spaces**
Luthra S., Chauhan H. V. S., Tyagi B., Tunç C.
Palestine Journal of Mathematics, vol.11, no.2, pp.531-541, 2022 (Scopus)
- XXVIII. **An application of Lyapunov functions to properties of solutions of a perturbed fractional differential system**
Tunç C.
INTERNATIONAL JOURNAL OF MATHEMATICS AND COMPUTER SCIENCE, vol.17, no.2, pp.537-550, 2022 (ESCI)
- XXIX. **New and improved criteria on qualitative results for functional-differential systems**
Tunç O., Sivasundaram S., Atan Ö., Tunç C.
Nonlinear Studies, vol.29, no.1, pp.289-302, 2022 (Scopus)
- XXX. **Extension of lower and upper solutions approach for generalized nonlinear fractional boundary value problems**
Batool A., Talib I., Riaz M. B., Tunç C.
Arab Journal of Basic and Applied Sciences, vol.29, no.1, pp.249-256, 2022 (Scopus)
- XXXI. **Implementation of soliton solutions for generalized nonlinear Schrodinger equation with variable coefficients**
Rezazadeh H., Sab'u J., Zabihi A., Ansari R., Tunç C.
Nonlinear Studies, vol.29, no.2, pp.547-559, 2022 (Scopus)
- XXXII. **Uniform Convergence of Successive Approximations for Hybrid Caputo Fractional Differential Equations**

- Bachir F. S., Abbas S., Benbachir M., Benchohra M., Tunç C.
Palestine Journal of Mathematics, vol.11, no.3, pp.650-658, 2022 (Scopus)
- XXXIII. **ON THE PERIODIC SOLUTIONS OF NEUTRAL INTEGRO-DIFFERENTIAL EQUATIONS VIA FIXED POINT METHOD**
Arik I. A., Tunç C.
JOURNAL OF MATHEMATICAL ANALYSIS, vol.13, no.5, pp.35-48, 2022 (ESCI)
- XXXIV. **Stability for fractional order delay singular systems**
Yiğit A., Sivasundaram S., Tunç C.
Nonlinear Studies, vol.29, no.3, pp.865-879, 2022 (Scopus)
- XXXV. **On the qualitative analyses of nonlinear delay differential equations of third order**
Erdur S., Tunç C.
Mathematics in Engineering, Science and Aerospace, vol.13, no.4, pp.909-918, 2022 (Scopus)
- XXXVI. **Solving second order ordinary differential equations by using Newton's interpolation and Aitken's methods**
Mbagwu J. P. C., Tunç C., Enyoh C. E., Onwuemekaa J. I.
INTERNATIONAL JOURNAL OF NONLINEAR ANALYSIS AND APPLICATIONS, vol.13, no.1, pp.1057-1066, 2022 (ESCI)
- XXXVII. **Pseudo symmetry curvature conditions on submanifolds of conformal Kenmotsu manifolds**
Abdi R., Tunç C.
Nonlinear Studies, vol.29, no.2, pp.457-476, 2022 (Scopus)
- XXXVIII. **HEAT TRANSFER AND FLOW OF MHD MICROPOLARNANOFLUID THROUGH THE POROUS WALLS, MAGNETIC FIELDS AND THERMAL RADIATION**
Akinshilo A., Davodi A., Rezazadeh H., Sobamowo G., Tunç C.
Palestine Journal of Mathematics, vol.11, no.2, pp.604-616, 2022 (Scopus)
- XXXIX. **New results on the existence of periodic solutions for Rayleigh equations with state-dependent delay**
Eswari R., Alzabut J., Samei M. E., Tunç C., Jonnalagadda J. M.
Nonautonomous Dynamical Systems, vol.9, no.1, pp.103-115, 2022 (Scopus)
- XL. **Impact of Electronic States of Conical Shape of Indium Arsenide/Gallium Arsenide Semiconductor Quantum Dots**
Fayz-Al-Asad M., Al-Rumman M., Alam M. N., Parvin S., Tunç C.
APPLICATIONS AND APPLIED MATHEMATICS-AN INTERNATIONAL JOURNAL, vol.16, no.2, 2021 (ESCI)
- XLI. **Matrix measure and asymptotic behaviors of linear advanced systems of differential equations**
Mesmouli M. B., Tunç C.
BOLETIN DE LA SOCIEDAD MATEMATICA MEXICANA, vol.27, no.2, 2021 (ESCI)
- XLII. **Global Stability of Generalized Within-host Chikungunya Virus Dynamics Models**
Alade T. O., Abidemi A., Tunç C., Ghaleb S. A.
APPLICATIONS AND APPLIED MATHEMATICS-AN INTERNATIONAL JOURNAL, vol.16, no.1, pp.139-162, 2021 (ESCI)
- XLIII. **COINCIDENCE POINT RESULTS FOR (ϕ, ψ) -WEAK CONTRACTIVE MAPPINGS IN CONE 2-METRIC SPACES**
Islam Z., Sarwar M., Tunç C.
HONAM MATHEMATICAL JOURNAL, vol.43, no.2, pp.305-323, 2021 (ESCI)
- XLIV. **Variation Iteration Method for Solving Ethanol and Acetaldehyde Concentrations in a Fixed Bed Laboratory Reactor**
Dharmalingam K. M., Veeramuni M., Rezazadeh H., Tunç C.
APPLICATIONS AND APPLIED MATHEMATICS-AN INTERNATIONAL JOURNAL, vol.16, no.1, pp.383-396, 2021 (ESCI)
- XLV. **Heat Transport Exploration of Free Convection Flow inside Enclosure Having Vertical Wavy Walls**
Fayz-Al-Asadi M., Alam M. N., Tunç C., Sarker M. M. A.
JOURNAL OF APPLIED AND COMPUTATIONAL MECHANICS, vol.7, no.2, pp.520-527, 2021 (ESCI)

- XLVI. **An analytical Technique for Solving New Computational Solutions of the Modified Zakharov-Kuznetsov Equation Arising in Electrical Engineering**
Islam S., Alam M. N., Fayz-Al-Asad M., Tunç C.
JOURNAL OF APPLIED AND COMPUTATIONAL MECHANICS, vol.7, no.2, pp.715-726, 2021 (ESCI)
- XLVII. **A new result on the exponential stability of solutions of non-linear neutral type periodic systems with variable delay**
Gözen M., Tunç C.
INTERNATIONAL JOURNAL OF MATHEMATICS AND COMPUTER SCIENCE, vol.16, no.2, pp.753-766, 2021 (ESCI)
- XLVIII. **STRONG CONVERGENCE TO A FIXED POINT OF NONEXPENSIVE DISCRETE SEMIGROUP IN STRICTLY CONVEX BANACH SPACES**
Rahmat G., Sarwar M., Tunç C.
JOURNAL OF MATHEMATICAL ANALYSIS, vol.12, no.4, pp.26-37, 2021 (ESCI)
- XLIX. **AN ANALYSIS ON THE PERIODIC SOLUTIONS OF AN n-TH ORDER NON-LINEAR DIFFERENTIAL EQUATION**
Yazgan R., Tunç C.
JOURNAL OF MATHEMATICAL ANALYSIS, vol.12, no.2, pp.72-81, 2021 (ESCI)
- L. **On the Asymptotic Stability of a Nonlinear Fractional-order System with Multiple Variable Delays**
Altun Y., Tunç C.
APPLICATIONS AND APPLIED MATHEMATICS-AN INTERNATIONAL JOURNAL, vol.15, no.1, pp.458-468, 2020 (ESCI)
- LI. **Existence of resolvent for conformable fractional Volterra integral equations**
Younus A., Bukhsh K., Tunç C.
APPLICATIONS AND APPLIED MATHEMATICS-AN INTERNATIONAL JOURNAL, vol.15, no.1, pp.372-393, 2020 (ESCI)
- LII. **On The Exponential Stability of Neutral Linear Systems with Variable Delays**
Altun Y., TUNÇ C.
NONLINEAR OSCILLATIONS, vol.23, no.1, pp.11-25, 2020 (Peer-Reviewed Journal)
- LIII. **On the almost periodic solutions of fuzzy cellular neural networks of high order with multiple time lags**
Yazgan R., TUNÇ C.
INTERNATIONAL JOURNAL OF MATHEMATICS AND COMPUTER SCIENCE, vol.15, no.1, pp.183-198, 2020 (ESCI)
- LIV. **A remark on the qualitative conditions of nonlinear IDEs**
Tunç C.
INTERNATIONAL JOURNAL OF MATHEMATICS AND COMPUTER SCIENCE, vol.15, no.3, pp.905-922, 2020 (ESCI)
- LV. **NEW SOLITARY WAVE STRUCTURES TO TIME FRACTIONAL BIOLOGICAL POPULATION MODEL**
Alam M. N., Aktar S., Tunç C.
JOURNAL OF MATHEMATICAL ANALYSIS, vol.11, no.3, pp.59-70, 2020 (ESCI)
- LVI. **On the stability and admissibility of a singular differential system with constant delay**
Yigit A., TUNÇ C.
INTERNATIONAL JOURNAL OF MATHEMATICS AND COMPUTER SCIENCE, vol.15, no.2, pp.641-660, 2020 (ESCI)
- LVII. **On the Weighted Pseudo Almost Periodic Solutions of Nicholson's Blowflies Equation**
Yazgan R., TUNÇ C.
APPLICATIONS AND APPLIED MATHEMATICS-AN INTERNATIONAL JOURNAL, vol.14, no.2, pp.875-889, 2019 (ESCI)
- LVIII. **Nonlinear fractional partial coupled systems approximate solutions through operational matrices approach**
Talib I., Belgacem, F., Khalil, H., TUNÇ C.
Nonlinear Studies, vol.26, no.4, pp.955-971, 2019 (Scopus)
- LIX. **On exponential stability of solutions of nonlinear neutral differential systems with discrete and distributed variable lags**
Altun Y., TUNÇ C.

Nonlinear Studies, vol.26, no.2, pp.455-466, 2019 (Scopus)

- LX. **A Review on Local and Non-Local Fractal Calculus**
Golmankhaneh A., TUNÇ C., Nia S., Golmankhaneh A.
Numerical and Computational Methods in Sciences & Engineering, vol.1, no.1, pp.19-31, 2019 (Peer-Reviewed Journal)
- LXI. **On the asymptotic stability behaviours of solutions of non-linear differential equations with multiple variable advanced arguments.**
Biçer E., TUNÇ C.
J. Appl. Nonlinear Dyn., vol.8, no.2, pp.239-249, 2019 (Scopus)
- LXII. **The Ulam's types stability of non-linear Volterra integro-delay dynamic system with simple non-instantaneous impulses on time scales**
TUNÇ C., Shah S., Zada A.
Mathematics in Natural Science (MNS), vol.4, no.1, pp.13-25, 2019 (Peer-Reviewed Journal)
- LXIII. **Uniformly boundedness in nonlinear Volterra integro-differential equations with delay**
TUNÇ C., Sizar Abid M.
J. Appl. Nonlinear Dyn., vol.8, no.2, pp.279-290, 2019 (Scopus)
- LXIV. **Analogues to Lie Method and Noether's Theorem in Fractal Calculus**
GOLMANKHANEH A., TUNÇ C.
FRACTAL AND FRACTIONAL, vol.3, no.2, 2019 (ESCI)
- LXV. **Some new oscillation criteria for fourth order neutral differential equations with disturbed delay**
TUNÇ C., Bazighifan, O.
Electron. J. Math. Anal. Appl., vol.7, no.1, pp.235-241, 2019 (Peer-Reviewed Journal)
- LXVI. **On the estimates for solutions of a nonlinear neutral differential system with periodic coefficients and time-varying lag**
Altun Y., TUNÇ C.
Palestine Journal of Mathematics, vol.8, no.1, pp.105-120, 2019 (Scopus)
- LXVII. **On the properties of solutions for a system of non-linear differential equations of second order**
TUNÇ C.
INTERNATIONAL JOURNAL OF MATHEMATICS AND COMPUTER SCIENCE, vol.14, no.2, pp.519-534, 2019 (ESCI)
- LXVIII. **PERIODIC FIXED POINT THEOREMS VIA RATIONAL TYPE CONTRACTION IN b-METRIC SPACES**
HUSSAIN S., SARWAR M., TUNÇ C.
JOURNAL OF MATHEMATICAL ANALYSIS, vol.10, no.3, pp.61-67, 2019 (ESCI)
- LXIX. **On the stability of solutions of neutral differential equations of first order**
Akbulut I., TUNÇ C.
INTERNATIONAL JOURNAL OF MATHEMATICS AND COMPUTER SCIENCE, vol.14, no.4, pp.849-866, 2019 (ESCI)
- LXX. **On the behaviors of solutions to a functional differential equation of neutral type with multiple delays**
Gözen M., TUNÇ C.
INTERNATIONAL JOURNAL OF MATHEMATICS AND COMPUTER SCIENCE, vol.14, no.1, pp.135-148, 2019 (ESCI)
- LXXI. **HYBRID FIXED POINT RESULTS VIA E.A AND TANGENTIAL PROPERTIES IN METRIC SPACES**
Shoaib M., Sarwar M., TUNÇ C.
HONAM MATHEMATICAL JOURNAL, vol.40, no.4, pp.719-732, 2018 (ESCI)
- LXXII. **Approximate Analytical Solutions of Space-Fractional Telegraph Equations by Sumudu Adomian Decomposition Method**
Khan H., TUNÇ C., Khan R. A., Shirzoi A. G., Khan A.
APPLICATIONS AND APPLIED MATHEMATICS-AN INTERNATIONAL JOURNAL, vol.13, no.2, pp.781-802, 2018 (ESCI)
- LXXIII. **Approximate Analytical Solutions of Space-Fractional Telegraph Equations by Sumudu Adomian Decomposition Method.**
Khan H., TUNÇ C., Khan R. A., Shirzoi A. G., KHAN A.
Appl. Appl. Math., vol.13, no.2, pp.781-802, 2018 (Peer-Reviewed Journal)

- LXXIV. **Hybrid fixed point results via E.A and tangential properties in metric spaces**
TUNÇ C., Shoaib M., SARWAR M.
Honam Math. J., vol.40, no.4, pp.719-732, 2018 (Peer-Reviewed Journal)
- LXXV. **On the exponential stability of a neutral differential equation of first order**
Gözen M., TUNÇ C.
Journal of Mathematics and Applications, vol.41, pp.1-13, 2018 (Peer-Reviewed Journal)
- LXXVI. **On the Exponential Stability of a Neutral Differential Equation of First Order**
Gözen M., TUNÇ C.
Journal of Mathematics and Applications, pp.95-107, 2018 (Peer-Reviewed Journal)
- LXXVII. **On the Exponential Stability of a Neutral Differential Equation of First Order**
Gözen M., TUNÇ C.
Journal of Mathematics and Application, pp.95-107, 2018 (Peer-Reviewed Journal)
- LXXVIII. **Fuzzy Fixed Point Results Via Rational Type Contractions Involving Control Functions in Complex-Valued Metric Spaces**
Humaira H., SARWAR M., TUNÇ C.
Appl. Math. Inf. Sci. (AMIS), vol.12, no.4, pp.861-875, 2018 (Scopus)
- LXXIX. **NEW RESULTS ON BEHAVIORS OF FUNCTIONAL VOLTERRA INTEGRO-DIFFERENTIAL EQUATIONS WITH MULTIPLE TIME-LAGS**
TUNÇ C., TUNÇ O.
JORDAN JOURNAL OF MATHEMATICS AND STATISTICS, vol.11, no.2, pp.107-124, 2018 (ESCI)
- LXXX. **On the exponential study of solutions of Volterra integro-differential equations with time lag**
TUNÇ C., TUNÇ O.
Electron. J. Math. Anal. Appl., vol.6, no.1, pp.253-265, 2018 (Peer-Reviewed Journal)
- LXXXI. **FIXED POINT THEOREMS FOR MULTI-VALUED GENERALIZED CONTRACTION IN b-METRIC SPACES**
HUSSAIN S., SARWAR M., TUNÇ C.
JOURNAL OF MATHEMATICAL ANALYSIS, vol.9, no.2, pp.158-166, 2018 (ESCI)
- LXXXII. **New results on the stability, integrability and boundedness in Volterra integro-differential equations**
TUNÇ C., TUNÇ O.
BULLETIN OF COMPUTATIONAL APPLIED MATHEMATICS, vol.6, no.1, pp.41-58, 2018 (ESCI)
- LXXXIII. **STABILITY OF A LINEAR INTEGRO-DIFFERENTIAL EQUATION OF FIRST ORDER WITH VARIABLE DELAYS**
TUNÇ C., Akbulut I.
BULLETIN OF MATHEMATICAL ANALYSIS AND APPLICATIONS, vol.10, no.2, pp.19-30, 2018 (ESCI)
- LXXXIV. **New Theorems for Hyers-Ulam Stability of Lienard Equation with Variable Time Lags**
Bicer E., TUNÇ C.
INTERNATIONAL JOURNAL OF MATHEMATICS AND COMPUTER SCIENCE, vol.13, no.2, pp.231-242, 2018 (ESCI)
- LXXXV. **On the Global Existence and Boundedness of Solutions of a Certain Integro-Vector Differential Equation of Second Order**
TUNÇ C., Ayhan T.
JOURNAL OF MATHEMATICAL AND FUNDAMENTAL SCIENCES, vol.50, no.1, pp.1-12, 2018 (ESCI)
- LXXXVI. **On the instability of nonlinear functional differential equations of fifth order**
TUNÇ C.
Bol. Mat., vol.24, no.2, pp.155-168, 2017 (Peer-Reviewed Journal)
- LXXXVII. **On the qualitative behaviors of a functional differential equation of second order**
TUNÇ C.
APPLICATIONS AND APPLIED MATHEMATICS-AN INTERNATIONAL JOURNAL, vol.12, no.2, pp.813-842, 2017 (ESCI)
- LXXXVIII. **On the qualitative behaviors of a functional differential equation of second order**
TUNÇ C.
Appl. Appl. Math. 12 (2017), no. 2, 813–842., vol.12, no.2, pp.813-842, 2017 (Peer-Reviewed Journal)
- LXXXIX. **A note on the stability and boundedness of solutions to non-linear differential systems of second**

order

TUNÇ C., TUNÇ O.

Journal of the Association of Arab Universities for Basic and Applied Sciences, vol.24, pp.169-175, 2017 (Scopus)

- XC. **ON THE GLOBAL ASYMPTOTIC STABILITY OF SOLUTIONS TO NEUTRAL EQUATIONS OF FIRST ORDER**
Yazgan R., TUNÇ C., Atan Ö.
Palestine Journal of Mathematic, vol.6, no.2, pp.542-550, 2017 (Peer-Reviewed Journal)
- XCI. **Continuability and boundedness of solutions for a kind of nonlinear delay integro-differential equations of third order**
TUNÇ C., AYHAN T.
NONLINEAR OSCILLATIONS, vol.20, no.3, pp.411-422, 2017 (Peer-Reviewed Journal)
- XCII. **Global existence and boundedness in a certain nonlinear integro-differential equation of second order**
TUNÇ C., AYHAN T.
Dyn. Contin. Discrete Impuls. Syst. Ser. A Math. Anal., vol.24, no.1, pp.69-77, 2017 (Peer-Reviewed Journal)
- XCIII. **Stability in functional integro-differential equations of second order with variable delay**
Gözen M., TUNÇ C.
J. Math. Fundam. Sci. 49 (1), (2017), 66-89, vol.49, no.1, pp.66-89, 2017 (Peer-Reviewed Journal)
- XCIV. **On the stability and instability of functional Volterra integro-differential equations of first order**
TUNÇ C., MOHAMMED S.
Bull. Math. Anal. Appl., vol.9, no.1, pp.151-160, 2017 (Peer-Reviewed Journal)
- XCV. **On the Hyers -Ulam stability of Laguerre and Bessel equations by Laplace transform method**
BİÇER E., TUNÇ C.
Nonlinear Dyn. Syst. Theory., vol.17, no.4, pp.340-346, 2017 (Peer-Reviewed Journal)
- XCVI. **On the weighted pseudo almost periodic solutions of nonlinear functional Duffing equation**
Yazgan R., TUNÇ C.
Appl. Math. Inf. Sci. (AMIS), vol.11, no.46, pp.1609-1614, 2017 (Scopus)
- XCVII. **On the existence of periodic solutions to certain non-linear differential equations of third order**
TUNÇ C., Erdur S.
Proceedings of the Pakistan Academy of Sciences: A. Physical and Computational Sciences, vol.54, no.2, pp.207-218, 2017 (Scopus)
- XCVIII. **Coupled fixed point theorem for multi-valued mapping via generalized contraction in partially ordered metric spaces with applications**
SHOAIB M., SARWAR M., TUNÇ C.
J. Math. Anal., vol.8, no.5, pp.27-39, 2017 (Peer-Reviewed Journal)
- XCIX. **, New results on exponential stability of nonlinear Volterra integro-differential equations with constant time-lag**
TUNÇ C., MOHAMMED S.
Proyecciones, vol.36, no.4, pp.615-639, 2017 (Scopus)
- C. **Stability in functional integro-differential equations of second order with variable delay**
Gözen M., TUNÇ C.
JOURNAL OF MATHEMATICAL AND FUNDAMENTAL SCIENCES, vol.49, no.1, pp.66-89, 2017 (Scopus)
- CI. **A remark on the stability and boundedness criteria in retarded Volterra integro-differential equations**
TUNÇ C., MOHAMMED S. A.
J. Egyptian Math. Soc., vol.25, no.4, pp.363-368, 2017 (Peer-Reviewed Journal)
- CII. **A note on the exponential stability of linear systems with variable retardations**
Gözen M., TUNÇ C.
APPLIED MATHEMATICS & INFORMATION SCIENCES, vol.11, no.3, pp.899-906, 2017 (Scopus)
- CIII. **A note on the exponential stability of linear systems with variable retardations**
Gözen M., TUNÇ C.
APPLIED MATHEMATICS & INFORMATION SCIENCES, vol.11, no.3, pp.899-906, 2017 (Scopus)

- CIV. **AIP Conference Proceedings**
TUNÇ C.
AIP Conference Proceedings, vol.1798, pp.1-9, 2017 (Peer-Reviewed Journal)
- CV. **Stability and boundedness in delay system of differential equations of third order**
TUNÇ C.
Journal of the Association of Arab Universities for Basic and Applied Sciences, vol.22, pp.76-82, 2017 (Scopus)
- CVI. **COUPLED FIXED POINT THEOREM FOR MULTI-VALUED MAPPING VIA GENERALIZED CONTRACTION IN PARTIALLY ORDERED METRIC SPACES WITH APPLICATIONS**
SHOAIB M., SARWAR M., TUNÇ C.
JOURNAL OF MATHEMATICAL ANALYSIS, vol.8, no.5, pp.27-39, 2017 (ESCI)
- CVII. **ON THE GLOBAL STABILITY OF A NEUTRAL DIFFERENTIAL EQUATION WITH VARIABLE TIME-LAGS**
Altun Y., TUNÇ C.
BULLETIN OF MATHEMATICAL ANALYSIS AND APPLICATIONS, vol.9, no.4, pp.31-41, 2017 (ESCI)
- CVIII. **On the hyers-ulam stability of certain partial differential equations of second order**
Biçer E., TUNÇ C.
Nonlinear Dynamics and Systems Theory, vol.17, no.2, pp.150-157, 2017 (Scopus)
- CIX. **ON THE STABILITY AND INSTABILITY OF FUNCTIONAL VOLTERRA INTEGRO-DIFFERENTIAL EQUATIONS OF FIRST ORDER**
TUNÇ C., MOHAMMED S. A.
BULLETIN OF MATHEMATICAL ANALYSIS AND APPLICATIONS, vol.9, no.1, pp.151-160, 2017 (ESCI)
- CX. **On exponential stability of solutions of neutral differential systems with multiple variable**
TUNÇ C., Gözen M.
Electron. J. Math. Anal. Appl., vol.5, no.1, pp.17-31, 2017 (Peer-Reviewed Journal)
- CXI. **Stability in Functional Integro-differential Equations of Second Order with Variable Delay**
Gözen M., TUNÇ C.
JOURNAL OF MATHEMATICAL AND FUNDAMENTAL SCIENCES, vol.49, no.1, pp.66-89, 2017 (ESCI)
- CXII. **On the instability of nonlinear functional differential equations of fifth order**
TUNÇ C.
BOLETIN DE MATEMATICAS, vol.24, no.2, pp.155-168, 2017 (ESCI)
- CXIII. **Global stability of pseudo almost periodic solutions for a Nicholson's blowflies model with a harvesting term**
TUNÇ C., Liu B.
Vietnam J. Math., vol.44, no.3, pp.485-494, 2016 (Peer-Reviewed Journal)
- CXIV. **Stability and boundedness in differential systems of third order with variable delay**
TUNÇ C.
Proyecciones (Antofagasta), vol.35, no.3, pp.317-338, 2016 (Peer-Reviewed Journal)
- CXV. **Global Stability of Pseudo Almost Periodic Solutions for a Nicholson's Blowflies Model with a Harvesting Term**
TUNÇ C., LIU B.
VIETNAM JOURNAL OF MATHEMATICS, vol.44, no.3, pp.485-494, 2016 (ESCI)
- CXVI. **Coupled lower and upper solution approach for the existence of Solutions of nonlinear coupled system with nonlinear coupled boundary conditions**
Asif N. A., TALIB I., TUNÇ C.
Proyecciones (Antofagasta), vol.35, no.1, pp.99-117, 2016 (Peer-Reviewed Journal)
- CXVII. **On the Global Existence and Boundedness of Solutions of Nonlinear Vector Differential Equations of Third Order**
Ayhan T., TUNÇ C.
APPLICATIONS AND APPLIED MATHEMATICS-AN INTERNATIONAL JOURNAL, vol.11, no.1, pp.152-161, 2016 (ESCI)
- CXVIII. **INSTABILITY OF CERTAIN NONLINEAR DIFFERENTIAL EQUATIONS OF FIFTH ORDER**
TUNÇ C., Ateş M.

- JOURNAL OF THE INDONESIAN MATHEMATICAL SOCIETY, vol.22, no.1, pp.83-92, 2016 (ESCI)
- CXIX. **Properties of solutions to Volterra integro-differential equations with delay**
TUNÇ C.
Appl. Math. Inf. Sci., vol.10, no.5, pp.1775-1780, 2016 (Scopus)
- CXX. **Stability and boundedness in delay system of differential equations of third order**
TUNÇ C.
Journal of the Association of Arab Universities for Basic and Applied Sciences, vol., 2016 (Peer-Reviewed Journal)
- CXXI. **New stability and boundedness results to Volterra integro-differential equations with delay**
TUNÇ C.
Journal of the Egyptian Mathematical Society, vol.24, no.2, pp.210-213, 2016 (Peer-Reviewed Journal)
- CXXII. **ASYMPTOTIC STABILITY IN NEUTRAL DIFFERENTIAL EQUATIONS WITH MULTIPLE DELAYS**
TUNÇ C., Altun Y.
JOURNAL OF MATHEMATICAL ANALYSIS, vol.7, no.5, pp.40-53, 2016 (ESCI)
- CXXIII. **Stability and boundedness of solutions of a certain n-dimensional nonlinear delay differential system of third-order**
MAHMOUD A. M., TUNÇ C.
Advances in Pure and Applied Mathematics, vol.7, no.1, pp.1-11, 2016 (ESCI)
- CXXIV. **A General Boundary Value Problem For Impulsive Fractional Differential Equations**
Ergören H., Tunç C.
Palestine Journal of Mathematics, vol.5, no.1, pp.65-78, 2016 (Scopus)
- CXXV. **A General Boundary Value Problem For Impulsive Fractional Differential Equations**
Ergören H., Tunç C.
Palestine Journal of Mathematics, vol.5, no.1, pp.65-78, 2016 (Scopus)
- CXXVI. **A note on the qualitative behaviors of non-linear Volterra integro-differential equation**
TUNÇ C.
Journal of the Egyptian Mathematical Society, vol.24, no.2, pp.187-192, 2016 (Peer-Reviewed Journal)
- CXXVII. **A general boundary value problem for impulsive fractional differential equations**
Tunç C., Ergören H.
Palestine Journal of Mathematics, pp.65-78, 2015 (Scopus)
- CXXVIII. **Continuability and boundedness of multi-delay functional integro-differential equations of the second order**
Graef J. R., Tunç C.
RACSAM Revista de la Real Academia de Ciencias Exactas, Físicas y Naturales. Serie A. Matemáticas, pp.169-173, 2015 (Peer-Reviewed Journal)
- CXXIX. **Convergence to non-autonomous differential equations of second order**
Korkmaz E., Tunç C.
Egyptian Mathematical Society, pp.27-30, 2015 (Peer-Reviewed Journal)
- CXXX. **Pseudo almost periodic solutions for a class of nonlinear Duffing system with a deviating argument**
LIU B., TUNÇ C.
JOURNAL OF APPLIED MATHEMATICS AND COMPUTING, vol.49, pp.233-242, 2015 (ESCI)
- CXXXI. **Convergence of solutions of nonlinear neutral differential equations with multiple delays**
Tunc C.
BOLETIN DE LA SOCIEDAD MATEMATICA MEXICANA, vol.21, no.2, pp.219-231, 2015 (ESCI)
- CXXXII. **Pseudo almost periodic solutions for HCNNs with time-varying leakage delays.**
Tunç C.
Moroccan J. Pure and Appl. Anal., vol.1, no.1, pp.51-69, 2015 (Peer-Reviewed Journal)
- CXXXIII. **Instability in multi delay functional differential equations of fourth order**
Tunç C.
Fasciculi Mathematici, vol.55, pp.189-198, 2015 (Peer-Reviewed Journal)
- CXXXIV. **On the asymptotic behavior of solutions to nonlinear differential equations of the second order**
Tunç C., Ayhan T.

- Commentationes Mathematicae. Annals of the Polish Mathematical Society, pp.1-8, 2015 (Peer-Reviewed Journal)
- CXXXV. **On the global existence and boundedness of solutions to a nonlinear integro-differential equations of second order**
Tunç C., Ayhan T.
Journal of Interpolation and Approximation in Scientific Computing, pp.84-97, 2015 (Peer-Reviewed Journal)
- CXXXVI. **On the asymptotic behavior of solutions to nonlinear differential equations of the second order**
Tunç C.
Commentationes Mathematicae, vol.55, no.1, pp.1-8, 2015 (Peer-Reviewed Journal)
- CXXXVII. **Instability to vector Lienard equation with multiple delays**
Tunç C.
Cubo. A Mathematical Journal, pp.1-9, 2015 (Scopus)
- CXXXVIII. **On the stability and boundedness of certain third order non-autonomous differential equations of retarded type**
Tunç C.
Proyecciones. Journal of Mathematics, vol.34, pp.147-159, 2015 (Peer-Reviewed Journal)
- CXXXIX. **On the existence of periodic solutions to non-linear neutral differential equations of first order with multiple delays**
Biçer E., TUNÇ C.
Proceedings of the Pakistan Academy of Sciences, vol.52, no.1, pp.79-84, 2015 (Scopus)
- CXL. **On the stability and boundedness of certain third order non-autonomous differential equations of retarded type**
TUNÇ C.
Proyecciones, vol.34, no.2, pp.147-159, 2015 (Scopus)
- CXLI. **On the stability of the quadratic functional equation of pexider type in non-archimedean spaces**
ALIMOHAMMADY M., BAGHERI Z., TUNÇ C.
International Journal of Control Theory and Applications, vol.8, no.2, pp.749-754, 2015 (Scopus)
- CXLII. **Hyers-ulam-rassias stability for a first order functional differential equation**
TUNÇ C., Biçer E.
Journal of Mathematical and Fundamental Sciences, vol.47, no.2, pp.143-153, 2015 (ESCI)
- CXLIII. **Boundedness of the solution set for a fourth-order nonlinear differential equation with multiple deviating arguments**
Ergören H., Tunç C.
Acta Universitatis Matthiae Belii, series Mathematics, vol.2014, pp.13-20, 2014 (Peer-Reviewed Journal)
- CXLIV. **On the uniform asymptotic stability to certain first order neutral differential equations**
TUNÇ C.
Cubo (Temuco), vol.16, no.2, pp.111-120, 2014 (Peer-Reviewed Journal)
- CXLV. **On the qualitative properties of differential equations of third order with retarded argument**
TUNÇ C., MOHAMMED S. A.
Proyecciones, vol.33, no.3, pp.325-347, 2014 (Scopus)
- CXLVI. **On the instability of a kind of vector functional differential equations of the eighth order with multiple deviating arguments**
TUNÇ C.
Proyecciones, vol.32, no.3, pp.245-258, 2013 (Scopus)
- CXLVII. **Anti-Periodic Solutions for a Class of Fourth-Order Nonlinear Differential Equations with Multiple Deviating Arguments**
Ergören H., Tunç C.
AZERBAIJAN JOURNAL OF MATHEMATICS, vol.3, no.1, pp.111-126, 2013 (Scopus)
- CXLVIII. **Stability and uniform boundedness results for non-autonomous lienard-type equations with a variable deviating argument**
TUNÇ C.
Acta Mathematica Vietnamica, vol.37, no.3, pp.311-325, 2012 (Scopus)

- CXLIX. **Uniformly boundedness of a class of non-linear differential equations of third order with multiple deviating arguments**
Tunç C., Ergören H.
Cubo(Temuco), vol.14, no.3, pp.63-69, 2012 (Peer-Reviewed Journal)
- CL. **Uniformly boundedness of a class of non-linear differential equations of third order with multiple deviating arguments**
Tunç C., Ergören H.
Cubo(Temuco), vol.14, no.3, pp.63-69, 2012 (Peer-Reviewed Journal)
- CLI. **Uniformly boundedness of a class of non-linear differential equations of third order with multiple deviating arguments**
TUNÇ C., Ergören H.
Cubo (Temuco), vol.14, no.3, pp.63-69, 2012 (Peer-Reviewed Journal)
- CLII. **On boundedness of solutions to nonlinear vector differential equations of third-order**
TUNÇ C., Karakaş B.
Nonlinear Studies, vol.18, no.1, pp.1-13, 2011 (Scopus)
- CLIII. **On the existence of periodic solutions to nonlinear differential equations of second order**
Eskitascioğlu E. İ., Tunç C.
DIFFERENTIAL EQUATIONS AND CONTROL PROCESSE, pp.20-25, 2008 (Peer-Reviewed Journal)
- CLIV. **Stability and boundedness results for solutions of certain third order nonlinear vector differential equations**
TUNÇ C., Ateş M.
Kluwer Academic Publishers, vol.45, pp.273-281, 2006 (Peer-Reviewed Journal)
- CLV. **Stability results for the solutions of certain non-autonomous differential equations of fifth - Order**
TUNÇ C.
Proyecciones, vol.25, no.1, pp.1-18, 2006 (Scopus)
- CLVI. **Boundedness of solutions of a third-order nonlinear differential equation**
TUNÇ C.
JIPAM Journal of Inequalities in Pure and Applied Mathematics, vol.6, no.1, pp.1-6, 2005 (Peer-Reviewed Journal)
- CLVII. **On the instability of solutions of certain fifth order nonlinear differential equations**
TUNÇ C., Şevli H.
Memoirs on Differential Equations and Mathematical Physics, vol.35, pp.147-156, 2005 (ESCI)

Books

- I. **Advances in nonlinear analysis via the concept of measure of noncompactness**
TUNÇ C.
in: Advances in nonlinear analysis via the concept of measure of noncompactness, Józef Banas, Mohamed Jleli, Mohammad Mursaleen, Bessem Samet and Calogero Vetro., Editor, Springer, Singapore, Singapore, pp.421-439, 2017
- II. **Boundedness of Solutions to a Certain System of Differential Equations with Multiple Delays**
TUNÇ C.
in: Mathematical Modeling and Applications in Nonlinear Dynamics, Tunc C., Editor, Springer International Publishing, Cham, pp.109-123, 2016

Papers Published in Refereed Scientific Meetings

- I. **On the Stability Properties of Retarded Volterra Integro-Fractional Differential Equations with Caputo Derivative**
Hristova S., Tunç C.

7th International Conference on New Trends in the Applications of Differential Equations in Sciences (NTADES), St
Constantin and Helena, Bulgaria, 1 - 04 September 2020, vol.2321

- II. **On the weighted pseudo almost periodic solutions of nonlinear functional Nicholson's blowies equations**
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International Conference on Pure and Applied Mathematics, ICPAM-Van- 2018, Van, Turkey, 11 - 13 September 2018, pp.90
- III. **On the exponential stability in nonlinear neutral differential equations**
Altun Y., TUNÇ C., YIĞİT A.
International Conference on Pure and Applied Mathematics, ICPAM-Van- 2018, Van, Turkey, 11 - 13 September 2018, pp.91
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International Conference on "Operators in Morrey Type Spaces and Applications", Van, Turkey, 10 - 13 July 2017,
pp.90
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International Conference on "Operators in Morrey Type Spaces and Applications", Kırşehir, Turkey, 10 - 13 July
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International Conference on "Operators in Morrey Type Spaces and Applications, Kırşehir, Turkey, 10 - 13 July
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Second International Conference on Computational Mathematics and Engineering Sciences (CMES2017), İstanbul,
Turkey, 22 - 24 May 2017, pp.243

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Second International Conference on Computational Mathematics and Engineering Sciences (CMES2017), İstanbul, Turkey, 22 May 2017, pp.102
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International Conference on Mathematics and Mathematics Education (ICMME-2017), Harran University, Şanlıurfa, Turkey, 11 - 13 May 2017, pp.525
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11th International Conference on Mathematical Problems in Engineering, Aerospace and Sciences (ICNPAA), La Rochelle, France, 4 - 08 July 2016, vol.1798
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2nd International Conference on Pure & Applied Science, İstanbul, Turkey, 1 - 05 June 2016, pp.1-14
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- 2nd International Conference on Pure & Applied Science, İstanbul, Turkey, 1 - 05 June 2016, pp.1-15
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INTERNATIONAL CONFERENCE ON PURE AND APPLIED MATHEMATICS (ICPAS 2015), Van, Turkey, 25 - 28 August 2015, pp.1-15
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2nd International Conference on Pure & Applied Science, İstanbul, Turkey, 1 - 05 June 2015, pp.1-14
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3rd International Eurasian Conference On Mathematical Sciences and Applications (IECMSA2014), Vienna, Austria, 25 - 28 August 2014, pp.198
- XLIV. **A General Boundary Value Problem For Impulsive Fractional Differential Equations**
Ergören H., Tunç C.
The Algerian-Turkish International days on Mathematics (ATIM 2013), İstanbul, Turkey, 12 September 2013, pp.141
- XLV. **Impulsive Fractional Differential Equations with Variable Moments**
Ergören H., Tunç C.
International Conference Anatolian Communications in Nonlinear Analysis (ANCNA 2013), Bolu, Turkey, 3 - 06 July 2013, pp.14
- XLVI. **A class of boundary value problems for fractional differential equations**
Ergören H., Tunç C.
International Conference on Applied Analysis and Algebra (ICAAA2011), İstanbul, Turkey, 29 June - 02 July 2011, pp.207
- XLVII. **Some stability results for the solutions of certain fourth order delay differential equations**
Tunc C.
8th International Conference on Nonlinear Functional Analysis and Applications, Chinju, South Korea, 9 - 13 August 2004, vol.4, pp.133-140
- XLVIII. **An ultimate boundedness result for a certain system of fourth order nonlinear differential equations**
Tunc C.
8th International Conference on Nonlinear Functional Analysis and Applications, Chinju, South Korea, 9 - 13 August 2004, vol.5, pp.127-135
- XLIX. **About boundedness of solutions of nonlinear vector differential equations of third order**
TUNÇ C., Karakaş B.
14th Summer St. Petersburg Meeting in Mathematical Analysis, Saint-Petersburg, Russia, 6 - 11 June 2005, pp.1
- L. **Thlaspi Valerianoides Rech Fil ve Thlaspi Kurdicum Hedge Türlerine Ait Nümerik Taksonomi Çalışması**
DEMİRKUŞ N., TUNÇ C., OKUT H.
XVI.Ulusal Matematik Sempozyumu Yüzüncü Yıl Üniv., Turkey, 10 - 12 September 2003, pp.227-228

Supported Projects

Tunç C., Project Supported by Higher Education Institutions, Volterra integro-diferansiyel denklemlerde çözümlerin niteliksel analizi, 2019 - 2021

Tunç C., Project Supported by Higher Education Institutions, 2018 Performans Değerlendirme Projesi, 2018 - 2019

Tunç C., SLYN'KO V. I., Project Supported by Higher Education Institutions, Banach uzayında lineer impulsif (impulsive) periyodik sistemlerin karahlığı, 2017 - 2019
Tunç C., Denizler İ. H., Topal H., Project Supported by Higher Education Institutions, International Conference on Pure and Applied Mathematics (ICPAM 2018), 2018 - 2018
Tunç C., Project Supported by Higher Education Institutions, 2015-Performans Değerlendirme Projesi, 2016 - 2017
Tunç C., Topal H., Denizler İ. H., Project Supported by Higher Education Institutions, Caucasian Mathematics Conference CMC (II), 2016 - 2017
Tunç C., Project Supported by Higher Education Institutions, On qualitative properties in nonlinear Volterra integro differential equations with delay, 2016 - 2016
TUNÇ C., Other International Funding Programs, Zaman Skalasında Hardy ve Littlewood Tipi Esitsizlikler, 2016 - 2016
Tunç C., Project Supported by Higher Education Institutions, International Conference on Pure and Applied Mathematics, 2015 - 2016
Tunç C., Project Supported by Higher Education Institutions, Bazı fonksiyonel diferansiyel denklemler için yapmacık (pseudo) hemen hemen (almost) periyodik çözümlerin incelenmesi, 2014 - 2016
Demirkuş N., Tunç C., YAŞARHAN M., ELMAS R., Project Supported by Higher Education Institutions, Evsel artık ve atık malzemelerin fen ve matematik öğretiminde kullanımı, 2003 - 2010

Activities in Scientific Journals

Journal of Taibah University for Science, Editor, 2013 - Continues
The Algerian Journal of Mathematics, Editor, 2017 - 2018
The Open Electrical & Electronic Engineering Journal, Editor, 2017 - 2018
Abstract and Applied Analysis, Special Issue Editor, 2016 - 2018
Journal of Natural Sciences and Mathematics & Physics, Editor, 2015 - 2018
Journal of Basic & Applied Sciences , Editor, 2014 - 2018
Journal of Mathematical Analysis, Editor, 2014 - 2018
Journal of Computer Science and Applied Mathematics, Editor, 2014 - 2018
Journal of Analysis & Number Theory, Editor, 2014 - 2018
Yüzüncü Yıl Üniversitesi Fen Bilimleri Enstitüsü Dergisi , Editor, 2014 - 2018
Yüzüncü Yıl Üniversitesi Eğitim Fakültesi Dergisi , Editor, 2014 - 2018
Journal of Interpolation & Approximation in Scientific, Editor, 2013 - 2018
Palestine Journal of Mathematics, Editor, 2013 - 2018
Annual Review of Chaos Theory and Bifurcations and Dynamical Systems, Editor, 2012 - 2018
Electronic Journal of Mathematical Analysis and Applications, Editor, 2012 - 2018
Journal of the Egyptian Mathematical Society, Editor, 2012 - 2018
Advances in Applied Mathematical Analysis, Editor, 2010 - 2018
Applications and Applied Mathematics, Editor, 2010 - 2018
Applied Mathematics & Information Sciences, Editor, 2010 - 2018
Journal of Mathematics and Applications, Editor, 2009 - 2018

Memberships / Tasks in Scientific Organizations

RGMIA, Member, 2008 - 2018
Zentralblatt MATH, Member, 2006 - 2018

Peer Reviews in Scientific Publications

Advances in Difference Equations , SCI Journal, December 2018

Mathematical Problems in Engineering, SCI Journal, December 2018
Arab Journal of Basic and Applied Sciences , Other Indexed Journal, December 2018
Discrete Dynamics in Nature and Society, SCI Journal, December 2018
Discrete Dynamics in Nature and Society, SCI Journal, December 2018
Journal of Taibah University for Science, SCI Journal, December 2018
Advances in Difference Equations , SCI Journal, December 2018
Physica A, SCI Journal, December 2018
Arab Journal of Basic and Applied Sciences , Other Indexed Journal, November 2018
Advances in Difference Equations , SCI Journal, November 2018
Discrete Dynamics in Nature and Society, SCI Journal, November 2018
Journal of Taibah University for Science, SCI Journal, November 2018
Mathematical Problems in Engineering, SCI Journal, November 2018
Advances in Difference Equations , SCI Journal, November 2018
Journal of Taibah University for Science, SCI Journal, November 2018
Mathematical Problems in Engineering, SCI Journal, November 2018
Discrete Dynamics in Nature and Society, SCI Journal, November 2018
Arab Journal of Basic and Applied Sciences , Other journals, October 2018
Arab Journal of Basic and Applied Sciences , Other Indexed Journal, October 2018
Journal of Taibah University for Science, SCI Journal, October 2018
Journal of Taibah University for Science, SCI Journal, October 2018
Journal of Taibah University for Science, SCI Journal, October 2018
Advances in Difference Equations , SCI Journal, October 2018
Physica A, SCI Journal, October 2018
Discrete Dynamics in Nature and Society, SCI Journal, October 2018
Journal of Taibah University for Science, SCI Journal, September 2018
Advances in Difference Equations , SCI Journal, September 2018
Arab Journal of Basic and Applied Sciences , Other Indexed Journal, September 2018
Mathematical Problems in Engineering, SCI Journal, September 2018
Journal of Taibah University for Science, SCI Journal, September 2018
Journal of Taibah University for Science, SCI Journal, September 2018
Journal of Taibah University for Science, SCI Journal, September 2018
Journal of Taibah University for Science, SCI Journal, August 2018
Discrete Dynamics in Nature and Society, SCI Journal, August 2018
Journal of Taibah University for Science, SCI Journal, August 2018
Arab Journal of Basic and Applied Sciences , Other Indexed Journal, July 2018
Arab Journal of Basic and Applied Sciences , Other Indexed Journal, July 2018
Journal of Taibah University for Science, SCI Journal, July 2018
Journal of Taibah University for Science, SCI Journal, July 2018
Journal of Taibah University for Science, SCI Journal, July 2018
Journal of Taibah University for Science, SCI Journal, July 2018
Journal of Taibah University for Science, SCI Journal, July 2018
Journal of Taibah University for Science, SCI Journal, June 2018
Journal of Taibah University for Science, SCI Journal, June 2018
Discrete Dynamics in Nature and Society, SCI Journal, June 2018
Journal of Taibah University for Science, SCI Journal, June 2018
Discrete Dynamics in Nature and Society, SCI Journal, May 2018
Journal of Taibah University for Science, SCI Journal, May 2018
Journal of Taibah University for Science, SCI Journal, May 2018
Mathematical Problems in Engineering, SCI Journal, May 2018
Discrete Dynamics in Nature and Society, SCI Journal, May 2018
Discrete Dynamics in Nature and Society, SCI Journal, May 2018

Journal of Taibah University for Science, SCI Journal, May 2018
Journal of Taibah University for Science, SCI Journal, April 2018
Mathematical Problems in Engineering, SCI Journal, April 2018
Journal of Taibah University for Science, SCI Journal, April 2018
Discrete Dynamics in Nature and Society, SCI Journal, April 2018
Discrete Dynamics in Nature and Society, SCI Journal, April 2018
Journal of Taibah University for Science, SCI Journal, April 2018
Advances in Difference Equations , SCI Journal, April 2018
Journal of Taibah University for Science, SCI Journal, March 2018
Mathematical Problems in Engineering, SCI Journal, March 2018
Journal of Taibah University for Science, SCI Journal, March 2018
Journal of Taibah University for Science, SCI Journal, March 2018
Mathematical Problems in Engineering, SCI Journal, February 2018
Journal of Taibah University for Science, SCI Journal, February 2018
Journal of Taibah University for Science, SCI Journal, January 2018
Journal of Taibah University for Science, Other Indexed Journal, December 2017
Honam Mathematical Journal, Other Indexed Journal, December 2017
Journal of Taibah University for Science, Other Indexed Journal, December 2017
Mathematical Problems in Engineering, SCI Journal, December 2017
Journal of Taibah University for Science, Other Indexed Journal, December 2017
Journal of Mathematics, Other Indexed Journal, November 2017
Advances Dynamical Systems and Applications, SCI Journal, November 2017
zbMATH Reviewer, Other Indexed Journal, November 2017
Mathematical Problems in Engineering, SCI Journal, November 2017
Malaysian Journal of Mathematical Sciences, Other Indexed Journal, November 2017
Discrete Dynamics in Nature and Society, SCI Journal, November 2017
Mathematical Problems in Engineering, SCI Journal, November 2017
Applied and Computational Mathematics, Other Indexed Journal, November 2017
Honam Mathematical Journal, Other Indexed Journal, November 2017
Advances Dynamical Systems and Applications, Other Indexed Journal, November 2017
Abstract and Applied Analysis, Other Indexed Journal, November 2017
Mathematical Problems in Engineering, SCI Journal, November 2017
zbMATH Reviewer, Other Indexed Journal, November 2017
Applied and Computational Mathematics, SCI Journal, November 2017
Afrika Matematika, Other Indexed Journal, October 2017
Discrete Dynamics in Nature and Society, SCI Journal, October 2017
Journal of Taibah University for Science, Other Indexed Journal, October 2017
Abstract and Applied Analysis, Other Indexed Journal, October 2017
Journal of Taibah University for Science, Other Indexed Journal, October 2017
Analele Universitii din Oradea, Fascicola Matematic, Other Indexed Journal, October 2017
zbMATH Reviewer, Other Indexed Journal, October 2017
International Journal of Applied and Computational Mathematics, Other Indexed Journal, October 2017
Applied Mathematics and Computation, SCI Journal, October 2017
Mathematical Problems in Engineering, SCI Journal, October 2017
Journal of Natural Sciences and Mathematics, Other Indexed Journal, September 2017
Journal of the Association of Arab Universities for Basic and Applied Sciences, Other Indexed Journal, September 2017
Journal of Taibah University for Science, Other Indexed Journal, September 2017
Mathematical Problems in Engineering, SCI Journal, September 2017
Mathematical Problems in Engineering, SCI Journal, September 2017
The Journal of the Franklin Institute, SCI Journal, September 2017
APPLICATIONS AND APPLIED MATHEMATICS, Other Indexed Journal, September 2017

Journal of Taibah University for Science, Other Indexed Journal, September 2017
Mathematical Problems in Engineering, SCI Journal, August 2017
Journal of Taibah University for Science, Other Indexed Journal, August 2017
Journal of Applied Mathematics, Other Indexed Journal, August 2017
Discrete Dynamics in Nature and Society, SCI Journal, August 2017
Afrika Matematika, Other Indexed Journal, August 2017
Applied Mathematics and Computation, SCI Journal, August 2017
Journal of Taibah University for Science, Other Indexed Journal, July 2017
Mathematica Bohemica, Other journals, June 2017
zbMATH Reviewer, Other Indexed Journal, June 2017
Journal of the Egyptian Mathematical Society, Other Indexed Journal, June 2017
Electronic Journal of Mathematical Analysis and Applications, Other Indexed Journal, June 2017
Journal of the Egyptian Mathematical Society, Other journals, May 2017
Electronic Journal of Differential Equations, SCI Journal, May 2017
Journal of Interpolation and Approximation in Scientific Computing, Other Indexed Journal, May 2017
Nonlinear Dynamics, SCI Journal, May 2017
Abstract and Applied Analysis, Other Indexed Journal, May 2017
Journal of Taibah University for Science, Other Indexed Journal, May 2017
Nonlinear Dynamics, Other Indexed Journal, May 2017
zbMATH Reviewer, Other Indexed Journal, May 2017
Journal of Inequalities and Applications, SCI Journal, May 2017
Discontinuity, Nonlinearity, and Complexity, Other Indexed Journal, April 2017
Discontinuity, Nonlinearity, and Complexity, Other Indexed Journal, April 2017
Journal of the Egyptian Mathematical Society, Other Indexed Journal, April 2017
Journal of the Egyptian Mathematical Society, Other Indexed Journal, April 2017
Journal of Taibah University for Science, Other Indexed Journal, April 2017
Discrete Dynamics in Nature and Society, SCI Journal, April 2017
Journal of the Association of Arab Universities for Basic and Applied Sciences, Other Indexed Journal, April 2017
Dyn. Contin. Discrete Impuls. Syst. Ser. A Math. Anal., Other Indexed Journal, April 2017
International Journal of Applied and Computational Mathematics, Other Indexed Journal, April 2017
zbMATH Reviewer, Other Indexed Journal, March 2017
Quaestiones Mathematicae, SCI Journal, March 2017
Discrete Dynamics in Nature and Society, SCI Journal, March 2017
Nonlinear Dynamics, SCI Journal, February 2017
Journal of Applied Mathematics, Other Indexed Journal, February 2017
zbMATH Reviewer, Other Indexed Journal, February 2017
Discrete Dynamics in Nature and Society, SCI Journal, December 2016
Journal of Natural Sciences and Mathematics & Physics, Other Indexed Journal, December 2016
Kara Elmas Fen ve Mühendislik Dergisi, SCI Journal, November 2016
Applied Mathematics and Computations, SCI Journal, October 2016
Int. Journal of Differential Equations, SCI Journal, October 2016
ISATR, SCI Journal, September 2016
Numerical Investigation of Flow Characteristics and Reduction of Fluid Forces for Bluff Bodies inside the Channel, Other journals, August 2016
Acta Univ. Sapientiae Math., Other Indexed Journal, July 2016
Analytical and Numerical Investigation of Two Dimensional Flows with Heat Transfer, Other journals, July 2016
Proyecciones, Other Indexed Journal, June 2016
Quaestiones Math., SCI Journal, June 2016
Boletine de la Sociedad Math. Mexicana, Other Indexed Journal, June 2016
Mediterranean Math. Journal, SCI Journal, May 2016
Neural Computing and Applications, SCI Journal, May 2016

International Journal of Differential Equations, Other Indexed Journal, May 2016
Boundary Value Problems, SCI Journal, May 2016
Math. Methods. Appli. Sci., SCI Journal, May 2016
MULTISTEP METHODS FOR SOLVING FIRST AND HIGHER ORDER DELAY DIFFERENTIAL EQUATION , Other journals, April 2016
Monatsh. Math, SCI Journal, April 2016
Acta Up, Mathematica, Other Indexed Journal, February 2016
JIASC Mathematical Journal, Other Indexed Journal, January 2016
DIAGONAL r - POINT VARIABLE STEP VARIABLE ORDER BLOCK METHOD FOR SECOND ORDER ORDINARY DIFFERENTIAL EQUATIONS, Other journals, January 2016
Facta MI, Other Indexed Journal, January 2016

Scientific Consultations

TÜBİTAK, Project Consultancy, Van Yüzüncü Yil University, Fen Fakültesi, Matematik, Turkey, 2017 - 2018
TÜBİTAK, Project Consultancy, Van Yüzüncü Yil University, Fen Fakültesi, Matematik, Turkey, 2017 - 2018

Metrics

Publication: 426
Citation (WoS): 945
Citation (Scopus): 2910
H-Index (WoS): 14
H-Index (Scopus): 29

Congress and Symposium Activities

International Workshop on Nonlinear Analysis and Applications, Invited Speaker, Abbottabad, Pakistan, 2018
Workshop "Delay Differential Equations: Theory, Applications and New Trends", Invited Speaker, Al Ain, United Arab Emirates, 2018
Workshop "Delay Differential Equations: Theory, Applications and New Trends", Invited Speaker, Al Ain, United Arab Emirates, 2018
Workshop "Delay Differential Equations: Theory, Applications and New Trends", Invited Speaker, Al Ain, United Arab Emirates, 2018
Workshop "Delay Differential Equations: Theory, Applications and New Trends", Invited Speaker, Al Ain, United Arab Emirates, 2018
International Conference on Pure and Applied Mathematics-ICPAM-VAN 2018, Attendee, Van, Turkey, 2018
INTERNATIONAL CONFERENCE ON APPLIED ANALYSIS AND MATHEMATICAL MODELING, 2018, Invited Speaker, İstanbul, Turkey, 2018
The first international conference on boundary value problems and applications, Invited Speaker, Tabriz, Iran, 2018
International Conference on Mathematics and Mathematics Education, Invited Speaker, Ordu, Turkey, 2018
On the stability of solutions of first order neutral differential equations by fixed point method, Attendee, Van, Turkey, 2017
ICNPAA WORLD CONGRESS 11th International Conference on Mathematical Problems in Engineering, Aerospace and Science, Attendee, La Rochelle, France, 2016
2nd INTERNATIONAL CONFERENCE ON ANALYSIS AND ITS APPLICATIONS (ICAA 2016), Attendee, Kırşehir, Turkey, 2016
2nd International Conference on Pure and Applied Science-ICPAS 2016, Attendee, Turkey, 2016

2nd International Conference on Pure and Applied Science-ICPAS 2016, Attendee, Turkey, 2016
2nd International Conference on Pure and Applied Science-ICPAS 2016, Attendee, Turkey, 2016
2nd International Conference on Pure and Applied Science-ICPAS 2016, Attendee, İstanbul, Turkey, 2016
2nd International Conference on Pure and Applied Science-ICPAS 2016, Attendee, Turkey, 2016
2nd International Conference on Pure and Applied Science-ICPAS 2016, Attendee, Turkey, 2016
Azerbaijan-Turkey-Ukranian International Conference Mathematical Analysis, Differential Equations and Their Applications, Attendee, Turkey, 2016
International Conference on Advancement in Mathematical Sciences, Attendee, Antalya, Turkey, 2015
International Conference on Advancement in Mathematical Sciences, Attendee, Antalya, Turkey, 2015
International Conference on Advancement in Mathematical Sciences, Attendee, Turkey, 2015
Azerbaijan-Turkey-Ukranian International Conference Mathematical Analysis, Differential Equations and Their Applications, Attendee, Baku, Azerbaijan, 2015
International Conference on Pure and Applied Mathematics (ICPAM 2015), Attendee, Turkey, 2015
International Conference on Pure and Applied Mathematics (ICPAM 2015), Attendee, Van, Turkey, 2015
International Conference on Pure and Applied Mathematics (ICPAM 2015), Attendee, Van, Turkey, 2015
International Conference on Pure and Applied Mathematics (ICPAM 2015), Attendee, Van, Turkey, 2015
International Conference on Pure and Applied Mathematics (ICPAM 2015), Attendee, Van, Turkey, 2015
International Conference on Pure and Applied Mathematics (ICPAM 2015), Attendee, Van, Turkey, 2015
ICPAM2015, Moderator, Van, Turkey, 2015
International Conference on Applied Analysis and Mathematical Modeling, Attendee, İstanbul, Turkey, 2015
The Second International Conference on Mathematics and Statistics, Attendee, Dubayy, United Arab Emirates, 2015
The Second International Conference on Mathematics and Statistics, Attendee, Dubayy, United Arab Emirates, 2015
4th International Conference on Mathematics & Information Science (ICMIS 2015, Invited Speaker, Arish, Egypt, 2015
International Conference on Recent Advances in Applied Mathematics, Invited Speaker, Lahore, Pakistan, 2015

Non Academic Experience

MILLI EGITIM BAKANLIGI , Öğretmen