

Prof. Cemil Tunç

Personal Information

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Education Information

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

Post Graduate, Erciyes University, Fen Bilimleri Enstitüsü, Matematik, Turkey 1988 - 1990

Under Graduate, Ataturk University, Fen Fakültesi, Matematik, Turkey 1979 - 1982

Foreign Languages

English, C1 Advanced

Certificates, Courses and Trainings

Other, Yabancı Dil Eğitimi, Vab 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 Yıl University, Fen Fakültesi, Matematik, 1988 - 1993

Professional Experience

Board Member, Van Yüzüncü Yil University, Fen Bilimleri Enstitüsü, 2016 - Continues
Rectorate Commissioner, Van Yüzüncü Yil University, Rektörlük, Atama Ve Yük. Komisyon Başk., 2014 - Continues
Head of Ethics Committee, Van Yüzüncü Yil University, Fen Ve Müh. Bil.Eti.Kurıl., 2014 - Continues
Dean, Van Yüzüncü Yil University, Fen Fakültesi, 2012 - Continues
Member of the Senate, Van Yüzüncü Yil University, Rektörlük, 2012 - Continues
Academic Board Member, Van Yüzüncü Yil University, Fen Fak. Fak. Kur. Baş., 2012 - Continues
Head of Department, Van Yüzüncü Yil University, Fen Fakültesi, Matematik Bölümü, 2009 - Continues
Head of Department, Van Yüzüncü Yil University, Matematik, Uygulmalı Matematik, 2008 - Continues
Board Member, Van Yüzüncü Yil University, Rektörlük Yönetim Kurulu, 2008 - Continues
BAP Scientific Commissioner, Van Yüzüncü Yil University, Rektörlük, 2013 - 2017

Advising 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, Post Graduate, 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, Post Graduate, K.ABDULRAHMAN(Student), 2016
TUNÇ C., Nötral 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

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **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, 2021 (Journal Indexed in SCI)
- II. **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, is.8, pp.3400-3409, 2020 (Journal Indexed in SCI)
- III. **Constructions of the soliton solutions to the good Boussinesq equation**

Almatrafi M. B. , Alharbi A. R. , Tunç C.

ADVANCES IN DIFFERENCE EQUATIONS, vol.2020, is.1, 2020 (Journal Indexed in SCI)

- IV. **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, is.9, pp.2475-2487, 2020 (Journal Indexed in SCI)
- V. **The new solitary wave structures for the (2**
Alam M. N. , Tunç C.
ALEXANDRIA ENGINEERING JOURNAL, vol.59, is.4, pp.2221-2232, 2020 (Journal Indexed in SCI)
- VI. **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, is.4, pp.2591-2605, 2020 (Journal Indexed in SCI)
- VII. **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 (Journal Indexed in SCI)
- VIII. **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, is.2, pp.584-597, 2020 (Journal Indexed in SCI)
- IX. **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, is.1, pp.1077-1088, 2020 (Journal Indexed in SCI)
- X. **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, is.1, pp.94-100, 2020 (Journal Indexed in SCI)
- XI. **On stability of a class of second alpha-order fractal differential equations**
TUNÇ C., Golmankhaneh A. K.
AIMS MATHEMATICS, vol.5, is.3, pp.2126-2142, 2020 (Journal Indexed in SCI)
- XII. **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, is.1, pp.8-18, 2020 (Journal Indexed in SCI)
- XIII. **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, is.1, pp.1022-1034, 2019 (Journal Indexed in SCI)
- XIV. **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, is.1, pp.875-882, 2019 (Journal Indexed in SCI)
- XV. **Stochastic differential equations on fractal sets**
Golmankhaneh A. K. , TUNÇ C.
STOCHASTICS-AN INTERNATIONAL JOURNAL OF PROBABILITY AND STOCHASTIC PROCESSES, 2019 (Journal Indexed in SCI)
- XVI. **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, is.1, 2019 (Journal Indexed in SCI)
- XVII. **Stability of abstract linear switched impulsive differential equations**
SLYN'KO V., TUNÇ C.
AUTOMATICA, vol.107, pp.433-441, 2019 (Journal Indexed in SCI)

- XVIII. **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, is.3, pp.2407-2420, 2019 (Journal Indexed in SCI)
- XIX. **Sumudu transform in fractal calculus**
Golmankhaneh A. K., TUNÇ C.
APPLIED MATHEMATICS AND COMPUTATION, vol.350, pp.386-401, 2019 (Journal Indexed in SCI)
- XX. **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 (Journal Indexed in SCI)
- XXI. **STABILITY OF NONLINEAR VOLTERRA INTEGRO-DIFFERENTIAL EQUATIONS WITH CAPUTO FRACTIONAL DERIVATIVE AND BOUNDED DELAYS**
Hristova S., TUNÇ C.
ELECTRONIC JOURNAL OF DIFFERENTIAL EQUATIONS, 2019 (Journal Indexed in SCI)
- XXII. **A note on the qualitative analysis of Volterra integro-differential equations**
TUNÇ C., TUNÇ O.
JOURNAL OF TAIBAH UNIVERSITY FOR SCIENCE, vol.13, is.1, pp.490-496, 2019 (Journal Indexed in SCI)
- XXIII. **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, is.1, pp.381-393, 2019 (Journal Indexed in SCI)
- XXIV. **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, is.1, pp.468-477, 2019 (Journal Indexed in SCI)
- XXV. **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, is.1, pp.377-389, 2019 (Journal Indexed in SCI)
- XXVI. **NEW RESULTS ON THE EXPONENTIAL STABILITY OF SOLUTIONS OF PERIODIC NONLINEAR NEUTRAL DIFFERENTIAL SYSTEMS**
Altun Y., TUNÇ C.
DYNAMIC SYSTEMS AND APPLICATIONS, vol.28, is.2, pp.303-316, 2019 (Journal Indexed in SCI)
- XXVII. **On the stability and uniform stability of retarded integro-differential equations**
TUNÇ C., MOHAMMED S. A.
ALEXANDRIA ENGINEERING JOURNAL, vol.57, is.4, pp.3501-3507, 2018 (Journal Indexed in SCI)
- XXVIII. **Instability of set differential equations**
Slyn'ko V. I., TUNÇ C.
JOURNAL OF MATHEMATICAL ANALYSIS AND APPLICATIONS, vol.467, is.2, pp.935-947, 2018 (Journal Indexed in SCI)
- XXIX. **Sufficient Conditions for Stability of Periodic Linear Impulsive Delay Systems**
SLYN'KO V. I., TUNÇ C.
AUTOMATION AND REMOTE CONTROL, vol.79, is.11, pp.1989-2004, 2018 (Journal Indexed in SCI)
- XXX. **Asymptotic stability and boundedness criteria for nonlinear retarded Volterra integro-differential equations**
TUNÇ C.
JOURNAL OF KING SAUD UNIVERSITY SCIENCE, vol.30, is.4, pp.531-536, 2018 (Journal Indexed in SCI)
- XXXI. **NEW CARLSON-BELLMAN AND HARDY-LITTLEWOOD DYNAMIC INEQUALITIES**
Saker S. H., TUNÇ C., Mahmoud R. R.
MATHEMATICAL INEQUALITIES & APPLICATIONS, vol.21, is.4, pp.967-983, 2018 (Journal Indexed in SCI)
- XXXII. **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, is.4, pp.1211-1226, 2018 (Journal Indexed in SCI)
- XXXIII. **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, is.1, 2018 (Journal Indexed in SCI)
- XXXIV. **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, is.5, pp.506-513, 2018 (Journal Indexed in SCI)
- XXXV. **Recent Trends in Dynamical Systems on Time Scales**
Eid G., Neugebauer J., Raffoul Y. N., TUNÇ C.
DISCRETE DYNAMICS IN NATURE AND SOCIETY, 2018 (Journal Indexed in SCI)
- XXXVI. **New Qualitative Results for Solutions of Functional Differential Equations of Second Order**
TUNÇ C., Erdur S.
DISCRETE DYNAMICS IN NATURE AND SOCIETY, 2018 (Journal Indexed in SCI)
- XXXVII. **On behaviours of functional Volterra integro-differential equations with multiple time lags**
TUNÇ C., TUNÇ O.
JOURNAL OF TAIBAH UNIVERSITY FOR SCIENCE, vol.12, is.2, pp.173-179, 2018 (Journal Indexed in SCI)
- XXXVIII. **GLOBAL ASYMPTOTIC STABILITY OF NONLINEAR PERIODIC IMPULSIVE EQUATIONS**
SLYN'KO V. I., TUNÇ C.
MISKOLC MATHEMATICAL NOTES, vol.19, is.1, pp.595-610, 2018 (Journal Indexed in SCI)
- XXXIX. **Existence theory and stability analysis to a system of boundary value problem**
SHAH K., TUNÇ C.
JOURNAL OF TAIBAH UNIVERSITY FOR SCIENCE, vol.11, is.6, pp.1330-1342, 2017 (Journal Indexed in SCI)
- XL. **On the weighted pseudo almost periodic solutions of nonlinear functional Duffing equation**
Yazgan R., TUNÇ C.
Applied Mathematics and Information Sciences, vol.11, is.6, pp.1609-1614, 2017 (Journal Indexed in SCI Expanded)
- XLI. **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, is.2, pp.383-403, 2017 (Journal Indexed in SCI)
- XLII. **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, is.1, pp.157-166, 2017 (Journal Indexed in SCI)
- XLIII. **Qualitative properties in nonlinear Volterra integro-differential equations with delay**
TUNÇ C.
JOURNAL OF TAIBAH UNIVERSITY FOR SCIENCE, vol.11, is.2, pp.309-314, 2017 (Journal Indexed in SCI)
- XLIV. **Qualitative properties of certain non-linear differential systems of second order**
TUNÇ C., Dinc Y.
JOURNAL OF TAIBAH UNIVERSITY FOR SCIENCE, vol.11, is.2, pp.359-366, 2017 (Journal Indexed in SCI)
- XLV. **STABILITY AND BOUNDEDNESS IN VOLTERRA INTEGRO-DIFFERENTIAL EQUATIONS WITH DELAY**
TUNÇ C.
DYNAMIC SYSTEMS AND APPLICATIONS, vol.26, is.1, pp.121-130, 2017 (Journal Indexed in SCI)
- XLVI. **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 (Journal Indexed in SCI)
- XLVII. **On the Lipschitz condition in the fractal calculus**
Golmankhaneh A. K., TUNÇ C.
CHAOS SOLITONS & FRACTALS, vol.95, pp.140-147, 2017 (Journal Indexed in SCI)
- XLVIII. **On the nature of solutions of neutral differential equations with periodic coefficients**

- TUNÇ C., Altun Y.
Applied Mathematics and Information Sciences, vol.11, is.2, pp.393-399, 2017 (Journal Indexed in SCI Expanded)
- XLIX. **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, is.2, pp.1855-1865, 2016 (Journal Indexed in SCI)
- L. **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 (Journal Indexed in SCI)
- L.I. **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 (Journal Indexed in SCI)
- L.II. **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 (Journal Indexed in SCI)
- L.III. **ON THE EXISTENCE OF PERIODIC SOLUTIONS OF FUNCTIONAL DIFFERENTIAL EQUATIONS OF THE THIRD ORDER**
TUNÇ C.
APPLIED AND COMPUTATIONAL MATHEMATICS, vol.15, is.2, pp.189-199, 2016 (Journal Indexed in SCI)
- L.IV. **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, is.1, pp.165-168, 2016 (Journal Indexed in SCI)
- L.V. **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, is.2, pp.336-349, 2016 (Journal Indexed in SCI)
- L.VI. **Instability of solutions of vector Lienard equation with constant delay**
TUNÇ C.
BULLETIN MATHEMATIQUE DE LA SOCIETE DES SCIENCES MATHÉMATIQUES DE ROUMANIE, vol.59, is.2, pp.197-204, 2016 (Journal Indexed in SCI)
- L.VII. **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 (Journal Indexed in SCI)
- L.VIII. **GLOBAL STABILITY AND BOUNDEDNESS OF SOLUTIONS TO DIFFERENTIAL EQUATIONS OF THIRD ORDER WITH MULTIPLE DELAYS**
TUNÇ C.
DYNAMIC SYSTEMS AND APPLICATIONS, vol.24, is.4, pp.467-478, 2015 (Journal Indexed in SCI)
- L.IX. **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, is.17, pp.3747-3752, 2015 (Journal Indexed in SCI)
- L.X. **Existence of solution for first-order coupled system with nonlinear coupled boundary conditions**
Asif N. A. , Talib I., TUNÇ C.
BOUNDARY VALUE PROBLEMS, 2015 (Journal Indexed in SCI)
- L.XI. **Pseudo almost periodic solutions for CNNs with leakage delays and complex deviating arguments**
LIU B., TUNÇ C.

- NEURAL COMPUTING & APPLICATIONS, vol.26, is.2, pp.429-435, 2015 (Journal Indexed in SCI)
- LXII. **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 (Journal Indexed in SCI Expanded)
- LXIII. **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, is.1, pp.169-173, 2015 (Journal Indexed in SCI)
- LXIV. **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, is.1, pp.463-472, 2015 (Journal Indexed in SCI Expanded)
- LXV. **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 (Journal Indexed in SCI)
- LXVI. **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, is.2, pp.643-655, 2014 (Journal Indexed in SCI)
- LXVII. **Stability and Boundedness to Certain Differential Equations of Fourth Order with Multiple Delays**
Korkmaz E., TUNÇ C.
FILOMAT, vol.28, is.5, pp.1049-1058, 2014 (Journal Indexed in SCI)
- LXVIII. **Convergence of Solutions to a Certain Vector Differential Equation of Third Order**
TUNÇ C., Gözen M.
ABSTRACT AND APPLIED ANALYSIS, 2014 (Journal Indexed in SCI)
- LXIX. **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 (Journal Indexed in SCI)
- LXX. **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, is.1, pp.393-399, 2014 (Journal Indexed in SCI)
- LXXI. **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, is.1, pp.155-162, 2014 (Journal Indexed in SCI)
- LXXII. **Asymptotic stability of solutions of a class of neutral differential equations with multiple deviating arguments**
Tunc C.
BULLETIN MATHEMATIQUE DE LA SOCIETE DES SCIENCES MATHEMATIQUES DE ROUMANIE, vol.57, is.1, pp.121-130, 2014 (Journal Indexed in SCI)
- LXXIII. **Stability to vector Li,nard equation with constant deviating argument**
Tunc C.
NONLINEAR DYNAMICS, vol.73, is.3, pp.1245-1251, 2013 (Journal Indexed in SCI)
- LXXIV. **Instability to Nonlinear Vector Differential Equations of Fourth Order with Constant Delay**
Tunc C.
SAINS MALAYSIANA, vol.42, is.7, pp.999-1002, 2013 (Journal Indexed in SCI)
- LXXV. **Existence of Periodic Solutions to Multidelay Functional Differential Equations of Second Order**
TUNÇ C., Yazgan R.

- ABSTRACT AND APPLIED ANALYSIS, 2013 (Journal Indexed in SCI)
- LXXVI. **Stability and Uniform Boundedness in Multidelay Functional Differential Equations of Third Order**
TUNÇ C., Gözen M.
ABSTRACT AND APPLIED ANALYSIS, 2013 (Journal Indexed in SCI)
- LXXVII. **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 (Journal Indexed in SCI)
- LXXVIII. **Stability and boundedness for a kind of non-autonomous differential equations with constant delay**
Tunc C.
APPLIED MATHEMATICS & INFORMATION SCIENCES, vol.7, is.1, pp.355-361, 2013 (Journal Indexed in SCI)
- LXXIX. **Stability and boundedness in multi delay vector Lienard equation**
Tunc C.
FILOMAT, vol.27, is.3, pp.435-445, 2013 (Journal Indexed in SCI)
- LXXX. **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, is.3, pp.671-682, 2013 (Journal Indexed in SCI)
- LXXXI. **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, is.3, pp.529-538, 2012 (Journal Indexed in SCI)
- LXXXII. **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, is.5, pp.899-908, 2012 (Journal Indexed in SCI)
- LXXXIII. **EXISTENCE OF PERIODIC SOLUTIONS FOR RAYLEIGH EQUATIONS WITH STATE-DEPENDENT DELAY**
Alzabut J. O. , TUNÇ C.
ELECTRONIC JOURNAL OF DIFFERENTIAL EQUATIONS, 2012 (Journal Indexed in SCI)
- LXXXIV. **Qualitative Behaviors of Functional Differential Equations of Third Order with Multiple Deviating Arguments**
Tunc C.
ABSTRACT AND APPLIED ANALYSIS, 2012 (Journal Indexed in SCI)
- LXXXV. **On the Instability of Solutions of Nonlinear Delay Differential Equations of Fourth and Fifth Order**
Tunc C.
SAINS MALAYSIANA, vol.40, is.12, pp.1455-1459, 2011 (Journal Indexed in SCI)
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I. **Sufficient conditions for global asymptotic stability of neural networks with time-varying delays**

KORKMAZ E., TUNÇ C.

International Conference on Pure and Applied Mathematics, ICPAM-Van- 2018, Van, Turkey, 11 - 13 September 2018, pp.63

II. **On the weighted pseudo almost periodic solutions of nonlinear functional Nicholson's blow ies equations**

Yazgan R., TUNÇ C.

International Conference on Pure and Applied Mathematics, ICPAM-Van- 2018, Van, Turkey, 11 - 13 September 2018, pp.90

III. **On the existence of periodic solutions of third order nonlinear differential equations with multiple delays**

Erdur S., TUNÇ C.

International Conference on Pure and Applied Mathematics, ICPAM 2018, Van, Turkey, 11 - 13 September 2018, pp.76

IV. **On the exponential stability in nonlinear neutral differential equations**

Altun Y., TUNÇ C., YİĞİT A.

International Conference on Pure and Applied Mathematics, ICPAM-Van- 2018, Van, Turkey, 11 - 13 September 2018, pp.91

V. **New Exponential Stability Criteria for Certain Neutral Differential Equations with Interval Discrete and Distributed Time-Varying Delays**

Gözen M., TUNÇ C.

2nd International Conference on Pure and Applied Mathematics (ICPAM-VAN 2018), Van, Turkey, 11 - 13 September 2018, pp.73

VI. **Instability in nonlinear functional differential equations of higher order**

TUNÇ C.

International Conference on Pure and Applied Mathematics, ICPAM-Van- 2018, Van, Turkey, 11 - 13 September 2018, pp.96

VII. **Analysis of behaviors of solutions of Volterra integro-differential equations**

MOHAMMED S. A. , TUNÇ C.

International Conference on Pure and Applied Mathematics, ICPAM-Van- 2018, Van, Turkey, 11 - 13 September 2018, pp.79

- VIII. **On the global exponential stability of nonlinear neutral differential equations with time-varying delays**
Altun Y., TUNÇ C.
International Conference on Pure and Applied Mathematics, ICPAM-Van- 2018, Van, Turkey, 11 - 13 September 2018, pp.90
- IX. **Stability of a delay integro-differential equation of first order via fixed point method**
AKBULUT İ., TUNÇ C.
INTERNATIONAL CONFERENCE ON APPLIED ANALYSIS AND MATHEMATICAL MODELING, 2018, İstanbul, Turkey, 20 - 24 June 2018, pp.89
- X. **On the interval stability of impulsive systems with time delay**
TUNÇ C.
INTERNATIONAL CONFERENCE ON APPLIED ANALYSIS AND MATHEMATICAL MODELING, 2018, İstanbul, Turkey, 20 - 24 June 2018, pp.85
- XI. **On The Existence of Periodic Solutions of Differential Equations of Second Order With Delay**
Erdur S., TUNÇ C.
International Conference on Pure and Applied Mathematics, ICPAM-Van- 2018, İstanbul, Turkey, 20 - 24 June 2018, pp.86
- XII. **On the stability of stochastic functional differential equations with delays**
TUNÇ C., TUNÇ O.
INTERNATIONAL CONFERENCE ON APPLIED ANALYSIS AND MATHEMATICAL MODELING, 2018, İstanbul, Turkey, 20 - 24 June 2018, pp.98
- XIII. **EXPONENTIAL STABILITY CRITERIA FOR LINEAR NEUTRAL SYSTEMS**
Gözen M., TUNÇ C.
International Conference on Applied Analysis and Mathematical Modeling (ICAAMM 2018), İstanbul, Turkey, 20 - 24 June 2018, pp.1-20
- XIV. **Stability and boundedness of solutions of certain nonlinear third order differential equations with delay**
KORKMAZ E., TUNÇ C.
Caucasian Mathematics Conference-CMC II, Van, Turkey, 22 - 24 August 2017, pp.94
- XV. **, A remark on the qualitative criteria in retarded Volterra integro-differential equations**
MOHAMMED S. A. , TUNÇ C.
Caucasian Mathematics Conference-CMC II, Van, Turkey, 22 - 24 August 2017, pp.107
- XVI. **Improved criteria on exponential stability of neutral differential equations of first order**
Gözen M., TUNÇ C.
Caucasian Mathematics Conference II (CMC II), Van, Turkey, 22 - 24 August 2017, pp.1-14
- XVII. **On the stability, integrability and boundedness in Volterra integro-differential equations**
TUNÇ C.
Caucasian Mathematics Conference-CMC II, Van, Turkey, 22 - 24 August 2017, pp.132
- XVIII. **Asymptotic behaviours of non-linear functional differential equations with variable advanced arguments**
BİÇER E., TUNÇ C.
Caucasian Mathematics Conference-CMC II, Van, Turkey, 22 - 24 August 2017, pp.39
- XIX. **Qualitative properties of certain non-linear differential systems of second order**
Erdur S., TUNÇ C.
Caucasian Mathematics Conference-CMC II, Van, Turkey, 22 - 24 August 2017, pp.62
- XX. **Asymptotic Properties of Solutions to Systems of Neutral Type Differential Equations With Periodic Coefficients**
Altun Y., TUNÇ C.
Caucasian Mathematics Conference II (CMC II), Van, Turkey, 22 - 24 August 2017, pp.31
- XXI. **On the stability of solutions of first order neutral differential equations by fixed point method**
AKBULUT İ., TUNÇ C.

Caucasian Mathematics Conference-CMC II, Van, Turkey, 22 - 24 August 2017, pp.24

- XXII. **Global exponential stability of BAM neural networks with varying delays and impulses**
KORKMAZ E., TUNÇ C.
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- XXIII. **On the weighted pseudo almost periodic solutions of Lienard-type system with time-lag**
TUNÇ C., Yazgan R.
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- XXIV. **Global asymptotic stability of a certain integro-differential systems modeling neural networks with delays**
KORKMAZ E., TUNÇ C.
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- XXV. **On exponential stability of nonlinear Volterra integro-differential equations with constant time-lag**
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- XXVI. **On the properties of solutions to non-linear Volterra integro-differential equations with multiple time-lags**
TUNÇ C., TUNÇ O.
Second International Conference on Computational Mathematics and Engineering Sciences (CMES2017), İstanbul, Turkey, 22 May 2017, pp.102
- XXVII. **Hyers-Ulam Rassias Stability of a Functional Differential Equation**
BİÇER E., TUNÇ C.
International Conference on Mathematics and Mathematics Education (ICMME-2017), Harran University, Şanlıurfa, Turkey, 11 - 13 May 2017, pp.525
- XXVIII. **On global asymptotic stability of variable coefficient integro-differential systems modeling neural networks with delays**
KORKMAZ E., TUNÇ C.
INTERNATIONAL CONFERENCE ON MATHEMATICS AND ENGINEERING, İstanbul, Turkey, 10 - 12 May 2017, pp.214
- XXIX. **Weighted Pseudo Almost Periodic Solutions for Nonlinear Duffing System**
Yazgan R., TUNÇ C.
INTERNATIONAL CONFERENCE ON MATHEMATICS AND ENGINEERING, İstanbul, Turkey, 10 - 12 May 2017, pp.322
- XXX. **Numerical analysis of prey and predator problems of fractional order**
TUNÇ C., ALI A., SHAH K., KHAN R. A.
INTERNATIONAL CONFERENCE ON MATHEMATICS AND ENGINEERING, İstanbul, Turkey, 10 - 12 May 2017, pp.187
- XXXI. **A New Result On Asymptotic Stability Of Solutions Of Neutral Differential Equations**
Gözen M., TUNÇ C.
INTERNATIONAL CONFERENCE ON MATHEMATICS AND ENGINEERING, İstanbul, Turkey, 10 - 12 May 2017, pp.1-15
- XXXII. **Stability and instability of functional Volterra integro-differential equations of first order**
MOHAMMED S. A. , TUNÇ C.
INTERNATIONAL CONFERENCE ON MATHEMATICS AND ENGINEERING, İstanbul, Turkey, 10 - 12 May 2017, pp.435
- XXXIII. **On the stability and uniform stability in retarded integro-differential equations**
TUNÇ C.
INTERNATIONAL CONFERENCE ON MATHEMATICS AND ENGINEERING, İstanbul, Turkey, 10 - 12 May 2017,

pp.243

XXXIV. A note on the existence of periodic and bounded solutions of Liénard equation.

Erdur S., TUNÇ C.

INTERNATIONAL CONFERENCE ON MATHEMATICS AND ENGINEERING, İstanbul, Turkey, 10 - 12 May 2017,
pp.336

XXXV. Stability of an integro-differential equation

AKBULUT İ., TUNÇ C.

INTERNATIONAL CONFERENCE ON MATHEMATICS AND ENGINEERING, İstanbul, Turkey, 10 - 12 May 2017,
pp.292

XXXVI. On qualitative properties in Volterra integro-differential equations

TUNÇ C.

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XXXVII. LMI Approach to Exponential Stability of Linear Systems with Interval Time-Varying Delays

Gözen M., Tunç C.

2nd International Conference on Pure & Applied Science, İstanbul, Turkey, 1 - 05 June 2016, pp.1-15

XXXVIII. A Delay-Dependent Stability Criterion For Certain Linear Neutral Systems with Time-Varying Delay

Gözen M., Tunç C.

2nd International Conference on Pure & Applied Science, İstanbul, Turkey, 1 - 05 June 2016, pp.1-14

XXXIX. On Exponential Stability of Solutions of Neutral Differential System with Multiple Variable Delays

Tunç C., Gözen M.

INTERNATIONAL CONFERENCE ON PURE AND APPLIED MATHEMATICS (ICPAS 2015), Van, Turkey, 25 - 28 August 2015, pp.1-15

XL. ON THE ASYMPTOTIC BEHAVIORS OF SOLUTIONS CERTAIN NON-LINEAR NEUTRAL EQUATIONS WITH MULTIPLE DEVIATING ARGUMENTS

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International Conference on Pure and Applied Mathematics (ICPAM 2015), Van, Turkey, 25 - 28 August 2015,
pp.211

XLI. A Delay-Dependent Stability Criterion For Certain Linear Neutral Systems with Time-Varying Delay

Gözen M., Tunç C.

2nd International Conference on Pure & Applied Science, İstanbul, Turkey, 1 - 05 June 2015, pp.1-14

XLII. Modified Closed Boundary Conditions for Impulsive Fractional Differential Equations

Ergören H., Tunç C.

3rd International Eurasian Conference On Mathematical Sciences and Applications (IECMSA2014), Vienna, Austria,
25 - 28 August 2014, pp.198

XLIII. 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

XLIV. 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

XLV. 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

XLVI. 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

- 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. 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

Supported Projects

TUNÇ C., Other Supported Projects, Zaman Skalasında Hardy ve Littlewood Tipi Esitsizlikler, 2016 - 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

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

Scientific Refereeing

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
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Arab Journal of Basic and Applied Sciences , Other Indexed Journal, November 2018
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Discrete Dynamics in Nature and Society, SCI Journal, November 2018
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Mathematical Problems in Engineering, SCI Journal, November 2018
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Arab Journal of Basic and Applied Sciences , Other Indexed Journal, October 2018
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Mathematical Problems in Engineering, SCI Journal, September 2018
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Discrete Dynamics in Nature and Society, SCI Journal, August 2018
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Journal of Taibah University for Science, SCI Journal, March 2018
Mathematical Problems in Engineering, SCI Journal, March 2018
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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
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
Honam Mathematical Journal, Other Indexed Journal, December 2017
Applied and Computational Mathematics, Other Indexed 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
Journal of Mathematics, Other Indexed Journal, November 2017
Honam Mathematical Journal, Other Indexed Journal, November 2017
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Mathematical Problems in Engineering, SCI Journal, November 2017
Advances Dynamical Systems and Applications, Other Indexed Journal, November 2017
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Applied and Computational Mathematics, SCI Journal, November 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
Afrika Matematika, Other Indexed Journal, October 2017
Mathematical Problems in Engineering, SCI Journal, October 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
Journal of Natural Sciences and Mathematics, 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
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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
Journal of the Egyptian Mathematical Society, Other Indexed Journal, June 2017
Electronic Journal of Mathematical Analysis and Applications, Other Indexed Journal, June 2017
Mathematica Bohemica, Other journals, June 2017
zbMATH Reviewer, 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
Nonlinear Dynamics, Other Indexed Journal, May 2017
Journal of Inequalities and Applications, SCI Journal, May 2017
Journal of Taibah University for Science, Other Indexed Journal, May 2017
zbMATH Reviewer, Other Indexed Journal, May 2017
Discontinuity, Nonlinearity, and Complexity, Other Indexed Journal, April 2017
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Journal of the Egyptian Mathematical Society, Other Indexed Journal, April 2017
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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
Journal of Applied Mathematics, Other Indexed Journal, February 2017
zbMATH Reviewer, Other Indexed Journal, February 2017
Nonlinear Dynamics, SCI 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

Invited 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, 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
Azerbaijan-Turkey-Ukrainian 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-Ukrainian International Conference Mathematical Analysis, Differential Equations and Their Applications, Attendee, Baku, Azerbaijan, 2015

International Conference on Pure and Applied Mathematics (ICPAM 2015), Attendee, Van, Turkey, 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
ICPAM2015, Moderator, 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 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

Citations

Total Citations (WOS):857

h-index (WOS):14