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ScopusID: 23981134200

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Education Information

Doctorate, Gazi University, Fen Bilimleri Enstitüsü, Matematik (Dr), Turkey 1991 - 1996

Postgraduate, Gazi University, Fen Bilimleri Enstitüsü, Matematik (YI) (Tezli), Turkey 1988 - 1990

Undergraduate, Gazi University, Fen-Edebiyat Fakültesi, Matematik Pr., Turkey 1982 - 1987

Dissertations

Doctorate, Homagen Olmayan Katı Özlü Bir Ortamda Saçılma Problemi, Gazi University, Fen Fakültesi, Matematik, 2006

Postgraduate, Akım ve sirkülasyon, Gazi University, Fen Bilimleri Enstitüsü, Matematik (YI) (Tezli), 1986

Research Areas

Natural Sciences

Academic Titles / Tasks

Professor, Gazi University, Fen Fakültesi, Matematik, 2017 - Continues

Associate Professor, Gazi University, Fen Fakültesi, Matematik, 2010 - 2014

Lecturer PhD, Gazi University, Fen Fakültesi, Matematik, 1999 - 2010

Research Assistant PhD, Gazi University, Fen Fakültesi, Matematik, 1996 - 1997

Research Assistant, Gazi University, Fen Fakültesi, Matematik, 1988 - 1996

Academic and Administrative Experience

Gazi University, Fen Fakültesi, Matematik Bölümü, 2005 - 2008

Courses

Zaman Skalası-II, Undergraduate, 2021 - 2022

KESİRLİ DİFERENSİYEL DENKLEMLERDE ÖZEL KONULAR, Postgraduate, 2021 - 2022

Diferensiyel Denklemler-II, Undergraduate, 2020 - 2021

Diferensiyel Denklemler I, Undergraduate, 2020 - 2021

Advising Theses

MISIR A., Ulam Stability For First Order Dynamic Equations On Time Scale, Postgraduate, B.AYDIN(Student), 2021

MISIR A., Ulam Stability For First Order Delayed Differential Equations, Postgraduate, N.ÜNAL(Student), 2021

MISIR A., Lineer diferensiyel denklemlerin kararlılığı ve Hyers-Ulam kararlılığı, Postgraduate, N.KITAN(Student), 2019

MISIR A., Hyres-Ulam Stability Of Linear Differential Equations, Postgraduate, N.Kitan(Student), 2019

MISIR A., Diamond Alfa Derivative And Integral On Time Scales, Postgraduate, T.DOĞRUÖZ(Student), 2016

MISIR A., Kamenev Criteria For Second Order Linear Differential And Dynamic Equations, Postgraduate, M.ÇİMEN(Student), 2016

MISIR A., Oscillation Theorems For Second Order Half Linear Differential Equations, Doctorate, B.MERMERKAYA(Student), 2016

MISIR A., Laplace Transform On Time Scales, Postgraduate, Ş.ŞENGÜL(Student), 2016

MISIR A., Oscillation theorems for second order nonlinear differential equations, Doctorate, S.ÖĞREKÇİ(Student), 2014

MISIR A., Nonoscillation criterias for second order differential equations and emdem-fowler system of differential equations, Postgraduate, R.TOSUN(Student), 2014

MISIR A., Oscillation criteria on second-order differential equations, Postgraduate, Ş.KÜLAH(Student), 2013

MISIR A., ZAMAN SKALALARI ÜZERİNDE BAZI İNTEGRAL EŞİTSİZLİKLERİ VE UYGULAMALARI, Postgraduate, C.BOZKURT(Student), 2010

MISIR A., Some integral inequalities and their applications on time scales, Postgraduate, C.BOZKURT(Student), 2010

MISIR A., Bir boyutlu ters saçılma problemlerinde C özelliği ve I-fonksiyonu, Postgraduate, H.ENGÜR(Student), 2009

MISIR A., Zaman skalaları üzerinde üstel fonksiyonun özellikler ve bazı uygulamaları, Postgraduate, H.BİÇİCİOĞLU(Student), 2009

MISIR A., ASYMPTOTIC BEHAVIOR OF LINEAR DYNAMIC SYSTEMS ON TIME SCALES, Postgraduate, S.ÖĞREKÇİ(Student), 2009

MISIR A., PROPERTY C AND THE I-FUNCTION OF THE ONE DIMENSIONAL INVERSE SCATTERING PROBLEMS, Postgraduate, H.ENGÜR(Student), 2009

MISIR A., Zaman skalalarında lineer dinamik sistemlerin asimptotik davranışı, Postgraduate, S.ÖĞREKÇİ(Student), 2009

MISIR A., Homojen olmayan katı özlü bir ortamda saçılma probleminin tekliği, Postgraduate, İ.SULAN(Student), 2007

MISIR A., UNIQUENESS OF SCATTERING PROBLEM IN AN INHOMOGENEOUS MEDIUM WITH RIGID CORE, Postgraduate, İ.SULAN(Student), 2007

MISIR A., İki boyutlu uzayda ısı ve laplace denklemlerinin incelenmesi, Postgraduate, Ü.SUFRACI(Student), 2003

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Generalized derivatives and Laplace transform in (k, ψ) -Hilfer form**
Başcı Y., MISIR A., Öğrekçi S.
Mathematical Methods in the Applied Sciences, vol.46, no.9, pp.10400-10420, 2023 (SCI-Expanded)
- II. **A fixed point method for stability of nonlinear volterra integral equations in the sense of Ulam**
Ogrekci S., Basci Y., MISIR A.
MATHEMATICAL METHODS IN THE APPLIED SCIENCES, vol.46, no.8, pp.8437-8444, 2023 (SCI-Expanded)
- III. **On the Stability Problem of Differential Equations in the Sense of Ulam**
Başcı Y., Mısır A., Öğrekçi S.
RESULTS IN MATHEMATICS, vol.75, no.1, 2020 (SCI-Expanded)
- IV. **On Ulam's type stability criteria for fractional integral equations including Hadamard type singular**

kernel

Başcı Y., Öğrekçi S., Mısır A.

TURKISH JOURNAL OF MATHEMATICS, vol.44, no.4, pp.1498-1509, 2020 (SCI-Expanded)

- V. **On Hyers-Ulam Stability for Fractional Differential Equations Including the New Caputo-Fabrizio Fractional Derivative**
Basci Y., Öğrekçi S., Mısır A.
MEDITERRANEAN JOURNAL OF MATHEMATICS, vol.16, no.5, 2019 (SCI-Expanded)
- VI. **Oscillation and nonoscillation of half-linear Euler type differential equations with different periodic coefficients**
Mısır A., Mermerkaya B.
OPEN MATHEMATICS, vol.15, pp.548-561, 2017 (SCI-Expanded)
- VII. **ON THE OSCILLATION OF SECOND-ORDER NONLINEAR DIFFERENTIAL EQUATIONS WITH DAMPING**
Öğrekçi S., Mısır A., Tiryaki A.
MISKOLC MATHEMATICAL NOTES, vol.18, no.1, pp.365-378, 2017 (SCI-Expanded)
- VIII. **Comparison Results for Nonlinear Equations Involving A-Harmonic Operator**
Mısır A., Tiryaki A.
MEDITERRANEAN JOURNAL OF MATHEMATICS, vol.13, no.6, pp.4949-4959, 2016 (SCI-Expanded)
- IX. **Asymptotic iteration technique for second-order dynamic equations on time scales**
MISIR A., OGREKCI S.
JOURNAL OF MATHEMATICAL PHYSICS, vol.52, no.4, 2011 (SCI-Expanded)
- X. **On the solution of a class of the reduced wave equation and the Riccati differential equation**
Mısır A.
APPLIED MATHEMATICS AND COMPUTATION, vol.216, no.5, pp.1375-1382, 2010 (SCI-Expanded)
- XI. **More on the explicit solutions for a second-order nonlinear boundary value problem**
Mısır A., Tiryaki A.
APPLIED MATHEMATICS LETTERS, vol.21, no.11, pp.1204-1208, 2008 (SCI-Expanded)
- XII. **Reducibility and Stability Results for Linear System of Difference Equations**
Tiryaki A., Mısır A.
ADVANCES IN DIFFERENCE EQUATIONS, 2008 (SCI-Expanded)
- XIII. **Far-field patterns for time-harmonic acoustic plane waves in an inhomogeneous medium**
Mısır A.
APPLIED MATHEMATICS AND COMPUTATION, vol.111, no.2010, pp.103-109, 2000 (SCI-Expanded)

Articles Published in Other Journals

- I. **Ulam type stability of ψ -Riemann-Liouville fractional differential equations using (k, ψ) -generalized Laplace transform**
Mısır A., Cengizhan E., Başcı Y.
Journal of Nonlinear Sciences and Applications, vol.17, no.2024, pp.100-114, 2024 (Peer-Reviewed Journal)
- II. **A New Analytic Solution Method For a Class of Generalized Riccati Differential Equations**
Mısır A.
Universal Journal of Mathematics and Applications, vol.6, no.1, pp.1-6, 2023 (Scopus)
- III. **Ulam type stability of second-order linear differential equations with constant coefficients having damping term by using the Aboodh transform**
MISIR A., ÖĞREKÇİ S., BAŞCI Y.
PROYECCIONES, vol.41, pp.1475-1505, 2022 (Scopus)
- IV. **ON THE HYERS-ULAM STABILITY OF DELAY DIFFERENTIAL EQUATIONS**
Öğrekçi S., Başcı Y., Mısır A.
MEMOIRS ON DIFFERENTIAL EQUATIONS AND MATHEMATICAL PHYSICS, vol.85, pp.133-142, 2022 (ESCI)
- V. **Ulam type stability for conformable fractional differential equations**

- Öğrekçi S., Başcı Y., Mısır A.
RENDICONTE DEL CIRCOLO MATEMATICO DI PALERMO, vol.70, no.2, pp.807-817, 2021 (ESCI)
- VI. **A new proof of Gronwall inequality with Atangana- Baleanu fractional derivatives**
Öğrekçi S., Başcı Y., Mısır A.
Communication in Mathematical Modeling and Applications, vol.5, no.1, pp.1-5, 2020 (Peer-Reviewed Journal)
- VII. **Hyers-Ulam-Rassias Stability for Abel-Riccati Type First-Order Differential Equations**
Başcı Y., Öğrekçi S., Mısır A.
GAZI UNIVERSITY JOURNAL OF SCIENCE, vol.32, no.4, pp.1238-1252, 2019 (ESCI)
- VIII. **Critical Oscillation Constant for Euler Type Half-Linear Differential Equation Having Multi-Different Periodic Coefficients**
Mısır A., Mermerkaya B.
INTERNATIONAL JOURNAL OF DIFFERENTIAL EQUATIONS, vol.2017, 2017 (ESCI)
- IX. **An Analytic Approach to Weakly-Singular Integro-Dynamic Equation on Time Scales**
Mısır A.
International Journal of Discrete Mathematics, vol.1, no.1, pp.20-29, 2016 (Peer-Reviewed Journal)
- X. **An Analytic Approach to Weakly-Singular Integro-Dynamic Equation on Time Scales**
Mısır A.
International Journal of Discrete Mathematics, vol.1, no.1, pp.20-29, 2016 (Peer-Reviewed Journal)
- XI. **Critical Oscillation Constant for Half Linear Differential Equations Which Have Different Periodic Coefficients**
Mısır A., Mermerkaya B.
GAZI UNIVERSITY JOURNAL OF SCIENCE, vol.29, no.1, pp.79-86, 2016 (ESCI)
- XII. **Oscillation Criteria for a Class of Second Order Nonlinear Differential Equations**
Mısır A., Öğrekçi S.
GAZI UNIVERSITY JOURNAL OF SCIENCE, vol.29, no.4, pp.923-927, 2016 (ESCI)
- XIII. **Oscillation Theorems for Second-Order Nonlinear Differential Equations**
Mısır A., Öğrekçi S.
GAZI UNIVERSITY JOURNAL OF SCIENCE, vol.29, no.4, pp.929-935, 2016 (ESCI)
- XIV. **On Approximate Solution of First-Order Weakly-Singular Volterra Integro-Dynamic Equation on Time Scales**
Mısır A., Öğrekçi S.
GAZI UNIVERSITY JOURNAL OF SCIENCE, vol.28, no.4, pp.651-658, 2015 (ESCI)
- XV. **On the Solution of Reduced Wave Equation with Damping**
Mısır A.
COMMUNICATIONS IN MATHEMATICS AND APPLICATIONS, vol.1, no.2, pp.113-122, 2010 (Peer-Reviewed Journal)
- XVI. **An Alternative Exact Solution Method for the Reduced Wave Equation with a Variable Coefficient**
Mısır A.
APPLIED MATHEMATICAL SCIENCES, vol.1, no.2007, pp.2101-2109, 2007 (Peer-Reviewed Journal)
- XVII. **On Compact Integral Equation for the Acoustic Scattering Problem in a Penetrable Inhomogeneous Medium**
Mısır A.
Selçuk Journal of Applied Mathematics, vol.6, no.1, pp.3-12, 2005 (Peer-Reviewed Journal)
- XVIII. **Kartezyen koordinatlarda akışkan elemanınin yörünge-eğri konumu üzerine Matematiksel bir çalışma**
Mısır A.
JOURNAL OF POLYTECHNIC-POLITEKNİK DERGISI, vol.4, no.3, pp.11-13, 2001 (Peer-Reviewed Journal)
- XIX. **Sıkıştırılmayan mükemmel bir akışkanın dönел potansiyel hareketinde kaynak örneęi üzerine matematiksel bir çalışma**
Mısır A.
JOURNAL OF POLYTECHNIC-POLITEKNİK DERGISI, vol.4, no.3, pp.47-49, 2001 (Peer-Reviewed Journal)
- XX. **A Theoretical study on the circulation created by a matter of conical surface with constant rotational**

and forward speed submerged in to an incompressible static fluid

Mısır A.

Gazi Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.13, no.3, pp.579-587, 2000 (Peer-Reviewed Journal)

XXI. **On a new approach of the transmission problem in an inhomogeneous spherical medium**

Mısır A.

Journal of Institute of Science and Technology of Gazi University, vol.11, no.2, pp.473-482, 1998 (Peer-Reviewed Journal)

XXII. **The acoustic scattering problem in an inhomogeneous medium**

Mısır A.

Journal of Institute of Science and Technology of Gazi University, vol.11, no.1, pp.1-12, 1998 (Peer-Reviewed Journal)

XXIII. **The linear transformation of fluid element, motion and deformation in three dimension**

Mısır A.

Journal of Institute of Science and Technology of Gazi University, vol.9, no.9, pp.193-200, 1996 (Peer-Reviewed Journal)

Books & Book Chapters

I. **Teori Teknik ve Uygulamalı Diferensiyel Denklemler**

MISIR A.

Gazi Kitabevi, 2016

Refereed Congress / Symposium Publications in Proceedings

I. **Ulam's type stability for Hadamard type fractional integral equations**

BAŞCI Y., MISIR A., ÖĞREKÇİ S.

International Conference on Mathematics and Mathematics Education(ICMME 2019), Selçuk University, Konya, 11 - 13 July 2019

II. **Hyers-Ulam Stability of Delay Differential Equations**

ÖĞREKÇİ S., BAŞCI Y., MISIR A.

8TH INTERNATIONAL CONFERENCE ON APPLIED ANALYSIS AND MATHEMATICAL MODELING, 10 - 13 March 2019

III. **Hyers-Ulam stability for Caputo-Fabrizio type fractional differential equations**

MISIR A., BAŞCI Y., ÖĞREKÇİ S.

International Conference on Mathematics and Mathematics Educations-2018, 27 - 29 June 2018

IV. **On the stability of $y'_{xx}(x)=f(x,y(x))$ in the sense of Ulam**

MISIR A., ÖĞREKÇİ S., BAŞCI Y.

International Conference on Mathematics and Mathematics Educations-2018, 27 - 29 June 2018

V. **On The Stability Problem of Differential Equations In The Sense of Ulam**

ÖĞREKÇİ S., MISIR A., BAŞCI Y.

7TH INTERNATIONAL CONFERENCE ON APPLIED ANALYSIS AND MATHEMATICAL MODELING, 20 - 24 June 2018

VI. **Oscillation Criteria For a Class of Second-Order Nonlinear Differential Equations With Damping**

MISIR A.

International Conference on Mathematics and Mathematics Education (2017), 11 - 13 May 2017

VII. **Critical Oscillation Constant for Half-Linear Euler Type Differential Equations With Different Periodic Coefficients**

MISIR A.

International Conference on Mathematics and Mathematics Education (2017), 11 - 13 May 2017

VIII. **• Critical Oscillation Constant for Half-Linear Euler Type Differential Equations with Different**

Periodic Coefficients

Mısır A.

International Workshop on Dynamical Systems and Applications, Ankara, Turkey, 28 May - 29 June 2015, pp.5-9

- IX. **Reducibility and stability results for linear system on Time Scales**
Mısır A.
IX Dinamik Denklemler Çalıştayı, İzmir Üniv, İzmir, Turkey, 18 June 2009, pp.23-28
- X. **More on the explicit solutions for a second-order nonlinear boundary value problem**
Mısır A.
Diferensiyel Denklemler Çalıştayı, Yeditepe Üniv. , İstanbul, Turkey, 27 June 2008, pp.15-19
- XI. **Alternative Exact Solution Method for the Reduced Wave Equation with a Variable Coefficient**
Mısır A.
Workshop on Differential Equations and Applications , Ortadoğu Teknik Üniv. (2007) , Ankara, Turkey, 14 April 2007, pp.23-27
- XII. **On compact integral equation for the acoustic scattering problem in a penetrable inhomogeneous medium**
Mısır A.
1. Ankara Matematik Çalıştayı , Gazi Üniv. (2006), Ankara, Turkey, 27 May 2006, pp.1-5
- XIII. **On a new approach of the transmission problem in an inhomogeneous spherical medium**
Mısır A.
II.Kızılırmak Uluslararası Fen Bilimleri Kongresi (1998), Kırıkkale, Turkey, 20 May 1998, pp.12-16
- XIV. **Zaman-harmonik geçiş (transmission) problemi**
Mısır A.
Matematik Sempozyumu,Altınolukta Matematik Günler, Balıkesir, Turkey, 23 May 1995, pp.1-6
- XV. **Homogen olmayan ortam için Far-Field Pattern fonksiyonu**
Mısır A.
Diferensiyel Denklemler Sempozyumu IX, Sakarya, Turkey, 06 July 1995, pp.13-18
- XVI. **Homogen olmayan bir ortamda transmission problemi**
Mısır A.
Datça, VII.Diferensiyel Denklemler Sempozyumu (1994), Muğla, Turkey, 19 September 1994, pp.33-37

Metrics

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