

## Prof. ADİL MISIR

### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: AHE-7362-2022

ScopusID: 23981134200

Yoksis Researcher ID: 106006

### 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  $(k, \psi)$ -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. **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)
- XI. **Reducibility and Stability Results for Linear System of Difference Equations**  
Tiryaki A., Mısır A.  
ADVANCES IN DIFFERENCE EQUATIONS, 2008 (SCI-Expanded)

## Articles Published in Other Journals

- I. **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)
- II. **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)
- III. **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)
- IV. **Ulam type stability for conformable fractional differential equations**  
Öğrekçi S., Başcı Y., Mısır A.  
RENDICONTI DEL CIRCOLO MATEMATICO DI PALERMO, vol.70, no.2, pp.807-817, 2021 (ESCI)
- V. **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)
- VI. **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)
- VII. **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)

VIII. **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)

IX. **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)

X. **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)

XI. **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)

## 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. **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

VII. **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

## **Metrics**

Publication: 34

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