Prof. Zeynep Kayar

Personal Information

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International Researcher IDs
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Education Information

Doctorate, Middle East Technical University, Graduate School Of Natural And Applied Sciences, Mathematics, Turkey 2005 - 2014
Undergraduate, Ankara University, Fen Fakültesi, Matematik, Turkey 2000 - 2004

Foreign Languages

English, B2 Upper Intermediate
Spanish, B1 Intermediate

Dissertations

Doctorate, Lyapunov Type Inequalities and Their Applications For Linear and Nonlinear Systems Under Impulse Effect (İmpals Etkisi Altındaki Lineer ve Lineer Olmayan Sistemler İçin Lyapunov Tipi Eşitsizlikler ve Uygulamaları), Middle East Technical University, Graduate School Of Natural And Applied Sciences, Matematik, 2014

Research Areas

Mathematics, Differential Equations, Natural Sciences

Academic Titles / Tasks

Professor, Van Yüzüncü Yil University, Fen Fakültesi, Matematik Bölümü, 2024 - Continues
Associate Professor, Van Yüzüncü Yil University, Fen Fakültesi, Matematik Bölümü, 2019 - 2024
Assistant Professor, Van Yüzüncü Yil University, Fen Fakültesi, Matematik Bölümü, 2014 - 2019
Research Assistant PhD, Van Yüzüncü Yil University, Fen Fakültesi, Matematik Bölümü, 2014 - 2014
Research Assistant PhD, Middle East Technical University, Fen Fakültesi, Matematik, 2014 - 2014
Research Assistant, Middle East Technical University, Fen Fakültesi, Matematik, 2005 - 2014

Academic and Administrative Experience

Ethics Committee Member, Van Yüzüncü Yil University, Fen Fakültesi, Matematik Bölümü, 2024 - Continues

Bölüm Kalite Komisyonu Üyesi, Van Yüzüncü Yil University, Fen Fakültesi, Matematik Bölümü, 2021 - Continues

Courses

Analitik Geometri-II, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018
Lineer Sınır Değer ve Özdeğer Problemleri, Postgraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2016 -
2017, 2015 - 2016, 2014 - 2015
Analitik Geometri-I, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018
Genel Matematik-I, Undergraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019
Genel Matematik II, Undergraduate, 2019 - 2020, 2018 - 2019
İmpalsif Diferansiyel Denklemler, Postgraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014
- 2015
Genel Matematik-II, Undergraduate, 2017 - 2018, 2016 - 2017
Genel Matematik-I, Undergraduate, 2017 - 2018, 2016 - 2017
Lineer Cebir-II, Undergraduate, 2016 - 2017, 2015 - 2016, 2014 - 2015
Lineer Cebir-I, Undergraduate, 2016 - 2017, 2015 - 2016, 2014 - 2015
Mühendislik Matematiği, Undergraduate, 2015 - 2016
Mühendislik Matematiği, Undergraduate, 2015 - 2016, 2014 - 2015

Advising Theses

Kayar Z., Lyapunov type inequalities for fractional differential equations, Postgraduate, F.Akman(Student), 2021
Kayar Z., Some results on fractional boundary value problems with slit strip and multi strip boundary conditions (Yarık
şerit ve çoklu şerit sınır koşullarına sahip kesirli sınır değer problemleri üzerine bazı sonuçlar), Postgraduate,
D.Hashim(Student), 2017
Kayar Z., Sturmian comparison theory for nonlinear impulsive differential equations (Lineer olmayan impalsif
diferansiyel denklemler için Sturm karşılaştırma teorisi), Postgraduate, S.Kamal(Student), 2017

Jury Memberships

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Van Yüzüncü Yıl Üniversitesi,
December, 2021
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Van Yüzüncü Yıl Üniversitesi,
July, 2021
Post Graduate, Post Graduate, Van Yüzüncü Yıl Üniversitesi, June, 2021
Post Graduate, Post Graduate, Van Yüzüncü Yıl Üniversitesi, September, 2020
Doctorate, Doctorate, Van Yüzüncü Yıl Üniversitesi, May, 2020
Post Graduate, Tez Savunma Jürisi, Van Yüzücü Yıl Üniversitesi, August, 2019
Post Graduate, Tez Savunma Jürisi, Van Yüzücü Yıl Üniversitesi, February, 2019
Post Graduate, Tez Savunma Jürisi, Yüzücü Yıl Üniversitesi, May, 2016

Published journal articles indexed by SCI, SSCI, and AHCI

I. **On the complementary nabla Pachpatte type dynamic inequalities via convexity**
    Kayar Z., Kaymakcalan B.
    Kuwait Journal of Science, vol.51, no.1, 2024 (SCI-Expanded)
II. **Pachpatte type inequalities and their nabla unifications via convexity**
    Kayar Z., Kaymakçalan B.

Indian Journal of Pure and Applied Mathematics, 2024 (SCI-Expanded)

III. **Some Extended Nabla and Delta Hardy-Copson Type Inequalities with Applications in Oscillation Theory**
Kayar Z., Kaymakcalan B.
BULLETIN OF THE IRANIAN MATHEMATICAL SOCIETY, vol.48, no.5, pp.2407-2439, 2022 (SCI-Expanded)

IV. **Lyapunov-type inequalities for higher-dimensional Hamiltonian systems on time scales: A new generalized vector zero approach**
Kayar Z., Zafer A.
Journal Of Mathematical Analysis And Applications, vol.512, no.2, pp.1-16, 2022 (SCI-Expanded)

V. **Diamond alpha Bennett-Leindler type dynamic inequalities and their applications**
Kayar Z., Kaymakcalan B., Pelen N. N.
MATHEMATICAL METHODS IN THE APPLIED SCIENCES, vol.45, no.5, pp.2797-2819, 2022 (SCI-Expanded)

VI. **Diamond alpha Hardy-Copson type dynamic inequalities**
Kayar Z., Kaymakçalan B.
HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, vol.51, no.1, pp.48-73, 2022 (SCI-Expanded)

VII. **Novel Diamond Alpha Bennett–Leindler Type Dynamic Inequalities and Their Applications**
Kayar Z., Kaymakçalan B.
Bulletin Of The Malaysian Mathematical Sciences Society, vol.45, no.2, pp.1-28, 2022 (SCI-Expanded)

VIII. **Applications of the novel diamond alpha Hardy-Copson type dynamic inequalities to half linear difference equations**
Kayar Z., Kaymakcalan B.
JOURNAL OF DIFFERENCE EQUATIONS AND APPLICATIONS, vol.28, pp.457-484, 2022 (SCI-Expanded)

IX. **Hardy-Copson type inequalities for nabla time scale calculus**
Kayar Z., Kaymakçalan B.
Turkish Journal Of Mathematics, vol.45, no.2, pp.1040-1064, 2021 (SCI-Expanded)

X. **Bennett–Leindler Type Inequalities for Nabla Time Scale Calculus**
Kayar Z., Kaymakçalan B., Pelen N. N.
Mediterranean Journal Of Mathematics, vol.18, no.1, pp.1-18, 2021 (SCI-Expanded)

XI. **A New Gronwall-Bellman Inequality in Frame of Generalized Proportional Fractional Derivative**
Alzabut J., Sudsutad W., Kayar Z., Baghani H.
MATHEMATICS, vol.7, no.8, 2019 (SCI-Expanded)

XII. **Lyapunov type inequalities and their applications for quasilinear impulsive systems**
Kayar Z.
JOURNAL OF TAIBAH UNIVERSITY FOR SCIENCE, vol.13, no.1, pp.711-721, 2019 (SCI-Expanded)

XIII. **STURM-PICONE COMPARISON THEOREMS FOR NONLINEAR IMPULSIVE DIFFERENTIAL EQUATIONS**
Kayar Z., Masiha S. K. R.
MATHEMATICA SLOVACA, vol.68, no.6, pp.1373-1384, 2018 (SCI-Expanded)

XIV. **An existence and uniqueness result for linear fractional impulsive boundary value problems as an application of Lyapunov type inequality**
Kayar Z.
HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, vol.47, no.2, pp.287-297, 2018 (SCI-Expanded)

XV. **Sturm-Picone comparison theorems for nonlinear impulsive differential equations with discontinuous solutions**
Kayar Z., Masiha S. K.
MATHEMATICAL METHODS IN THE APPLIED SCIENCES, vol.40, no.18, pp.7879-7888, 2017 (SCI-Expanded)

XVI. **AN EXISTENCE AND UNIQUENESS RESULT FOR LINEAR SEQUENTIAL FRACTIONAL BOUNDARY VALUE PROBLEMS (BVPS) VIA LYAPUNOV TYPE INEQUALITY**
Kayar Z.
DYNAMIC SYSTEMS AND APPLICATIONS, vol.26, no.1, pp.147-156, 2017 (SCI-Expanded)

XVII. **Matrix measure approach to Lyapunov-type inequalities for linear Hamiltonian systems with impulse effect**

Kayar Z., Zafer A.

JOURNAL OF MATHEMATICAL ANALYSIS AND APPLICATIONS, vol.440, no.1, pp.250-265, 2016 (SCI-Expanded)

XVIII. **Lyapunov-type inequalities for nonlinear impulsive systems with applications**

Kayar Z., Zafer A.

Electronic Journal of Qualitative Theory of Differential Equations, no.27, pp.1-13, 2016 (SCI-Expanded)

XIX. **Stability criteria for linear Hamiltonian systems under impulsive perturbations**

Kayar Z., Zafer A.

APPLIED MATHEMATICS AND COMPUTATION, vol.230, pp.680-686, 2014 (SCI-Expanded)

XX. **Higher-Order Numerical Scheme for the Fractional Heat Equation with Dirichlet and Neumann Boundary Conditions**

PRIYA G. S., PRAKASH P., NIETO J. J., Kayar Z.

NUMERICAL HEAT TRANSFER PART B-FUNDAMENTALS, vol.63, no.6, pp.540-559, 2013 (SCI-Expanded)

XXI. **Impulsive Boundary Value Problems for Planar Hamiltonian Systems**

Kayar Z., Zafer A.

ABSTRACT AND APPLIED ANALYSIS, 2013 (SCI-Expanded)

Articles Published in Other Journals

I. **Falling Body Motion in Time Scale Calculus**

Pelen N. N., Kayar Z.

Gazi University Journal of Science Part A: Engineering and Innovation, vol.11, no.1, pp.210-224, 2024 (Peer-Reviewed Journal)

II. **Diamond-Alpha Pachpatte Type Dynamic Inequalities Via Convexity**

Kayar Z., Kaymakçalan B.

Differential Equations and Dynamical Systems, 2023 (ESCI)

III. **THE COMPLEMENTARY NABLA BENNETT-LEINDLER TYPE INEQUALITIES**

Kayar Z., KAYMAKCALAN B.

COMMUNICATIONS FACULTY OF SCIENCES UNIVERSITY OF ANKARA-SERIES A1 MATHEMATICS AND STATISTICS, vol.71, no.2, pp.349-376, 2022 (ESCI)

IV. **Extensions of Diamond Alpha Hardy-Copson Type Dynamic Inequalities and Their Applications to Oscillation Theory**

Kayar Z., Kaymakçalan B.

Dynamic Systems And Applications, vol.30, no.7, pp.1180-1209, 2021 (Peer-Reviewed Journal)

Books & Book Chapters

I. **Dynamic Calculus and Equations on Time Scales**

Kayar Z., Kaymakçalan B.

in: Generalized diamond alpha Bennett–Leindler-type dynamic inequalities, Svetlin G. Georgiev, Editor, De Gruyter, Massachusetts, pp.259-294, 2023

Refereed Congress / Symposium Publications in Proceedings

I. **Concave generalizations of delta and nabla Bennett-Leindler type dynamic inequalities**

Kayar Z., Kaymakçalan B.

Approximation Theory and Special Functions-ATSF 2024 Conference - 8th Series, Ankara, Turkey, 4 - 07 September 2024, pp.183

II. **Reversed nabla Pachpatte type dynamic inequlities**

Kayar Z., Kaymakçalan B.

International E-Conference on Mathematical and Statistical Science: A Selcuk Meeting (ICOMSS'23), Konya, Turkey, 5 - 07 June 2023, pp.131

III. **Novel delta and nabla Pachpatte type inequalities via convexity**

Kayar Z., Kaymakçalan B.

4th International Conference on Pure and Applied Mathematics (ICPAM-VAN 2022), Van, Turkey, 22 - 23 June 2022, pp.110

IV. **Delta ve nabla Hardy-Copson tipi eşitsizliklerin yeni formları ve dinamik denklemlere uygulanmaları**

Kayar Z., Kaymakçalan B.

33. Ulusal Matematik Sempozyumu, İstanbul, Turkey, 31 August - 03 September 2021, pp.64

V. **Novel delta and nabla Hardy-Copson type inequalities and their applications to dynamic equations**

Kayar Z., Kaymakçalan B.

The 26th International Conference on Difference Equations and Applications (ICDEA 2021), Sarajevo, Bosnia And Herzegovina, 26 - 30 July 2021, pp.164

VI. **Generalization of Hardy-Copson type inequalities to time scale nabla calculus**

Kayar Z., Kaymakçalan B.

International Conference on Pure and Applied Mathematics ICPAM-VAN 2020, Van, Turkey, 3 - 05 September 2020, pp.77

VII. **A novel Lyapunov type inequality for linear discrete Hamiltonian systems**

Kayar Z.

XIX International Conference "Dynamical System Modeling and Stability Investigations" (DSMSI-2019), Kyyiv, Ukraine, 22 - 24 May 2019, pp.55-56

VIII. **Disconjugacy via Lyapunov type inequality for linear discrete Hamiltonian systems**

Kayar Z.

International Workshop on Dynamical Systems and Applications (IWDSA 2019), Ankara, Turkey, 3 - 04 May 2019, pp.47

IX. **A novel Lyapunov type inequality for quasilinear impulsive systems**

Kayar Z.

International Conference on Pure and Applied Mathematics (ICPAM 2018), Van, Turkey, 11 - 13 September 2018, pp.93

X. **Adjoint Riemann-Liouville and Caputo fractional differential operators**

Kayar Z.

International Congress of Mathematicians 2018 (ICM 2018), Rio De Janeiro, Brazil, 1 - 09 August 2018, pp.1

XI. **Lyapunov type inequality for linear dynamic Hamiltonian systems**

Kayar Z.

The 12th AIMS Conference on Dynamical Systems, Differential Equations and Applications, Taipei, Taiwan, 5 - 09 July 2018, pp.223

XII. **Stability of linear periodic impulsive fractional differential equations**

Kayar Z.

Caucasian Mathematics Conference (CMC-II), Van, Turkey, 22 - 24 August 2017, pp.88

XIII. **Stability criteria for linear periodic sequential fractional differential equations**

Kayar Z.

Recent Trends in Pure and Applied Mathematics, Alba Lulia, Romania, 31 July - 04 August 2017, pp.24

XIV. **Nonlinear analogues of Sturm-Picone and Leighton type comparison theorems for impulsive differential equations with discontinuous solutions**

Kayar Z.

International Conference on Differential & Difference Equations and Applications 2017, Amadorra, Portugal, 5 - 09 June 2017, pp.66-67

XV. **Sturm-Picone Type Theorems for Second Order Nonlinear Impulsive Differential Equations**

Kayar Z.

International Conference on Numerical Analysis and Applied Mathematics (ICNAAM), Rhodes, Greece, 19 - 25

September 2016, vol.1863

XVI.   **A generalized Lyapunov type inequality for fractional 2nx2n Hamiltonian systems**
Kayar Z.
Conference on Applied Mathematics and Analysis (ICAMA 2016), Ankara, Turkey, 11 - 13 July 2016, pp.65

XVII.   **İkinci mertebeden lineer olmayan impalsif diferansiyel denklemler için Sturm-Picone tipi teoremler**
Kayar Z.
11. Ankara Matematik Günleri, Ankara, Turkey, 26 - 27 May 2016, pp.1

XVIII. **İmpals Etkisi Altındaki Lineer ve Lineer Olmayan Sistemler İçin Lyapunov Tipi Eşitsizlikler ve Uygulamaları**
Kayar Z.
Genç Matematikçiler Toplantısı, İzmir, Turkey, 13 - 18 September 2015, pp.12

XIX.   **Existence and Uniqueness Results For Linear Impulsive Fractional Boundary Value Problems (BVPs) via Lyapunov Type Inequality**
Kayar Z.
7-th International Conference on Mathematical Analysis, Differential Equation & Their Applications, Baku, Azerbaijan, 8 - 13 September 2015, pp.84

XX.   **Fractional Boundary Value Problems (BVPs) and Lyapunov Type Inequality**
Kayar Z.
International Conference on Pure and Applied Mathematics, Van, Turkey, 25 - 28 August 2015, pp.89

XXI.   **Kesirli Mertebeden Lineer İmpalsif Diferansiyel Denklemler İçin Homojen Olmayan Sınır Değer Problemleri (SDP)**
Kayar Z.
10. Ankara Matematik Günleri, Ankara, Turkey, 11 - 12 June 2015, pp.80

XXII.   **Existence and Uniqueness of Solutions of Inhomogenous Boundary Value Problem (BVP) for Linear Impulsive Fractional Differential Equations**
Kayar Z.
International Conference on Differential & Difference Equations and Applications, Lizbon, Portugal, 18 - 22 May 2015, pp.84

XXIII. **Lyapunov type inequalities and stability criteria for linear planar periodic Hamiltonian systems under impulse effect**
Kayar Z.
International Congress of Mathematicians (ICM 2014), Seul, South Korea, 13 - 21 August 2014, pp.1

Supported Projects

Kayar Z., Project Supported by Higher Education Institutions, Lineer ayrık Hamiltonian sistemler için Lyapunov tipi eşitsizlik, 2019 - 2019

Kayar Z., Project Supported by Higher Education Institutions, The International Conference of Numerical Analysis and Applied Mathematics 2016 ICNAAM 2016 session on Difference & Differential Equations and Applications, 2016 - 2017

Memberships / Tasks in Scientific Organizations

European Mathematical Society, Member, 2020 - Continues, Poland
The Turkish Mathematical Society , Member, 2014 - Continues, Turkey
Association for Turkish Women in Mathematics, Member, 2014 - Continues, Turkey

Scientific Refereeing

JOURNAL OF TAIBAH UNIVERSITY FOR SCIENCE, Journal Indexed in SCI-E, December 2021

Journal of the Egyptian Mathematical Society, Other Indexed Journal, December 2021

JOURNAL OF TAIBAH UNIVERSITY FOR SCIENCE, Journal Indexed in SCI-E, November 2021

Hacettepe Journal Of Mathematics And Statistics, Journal Indexed in SCI-E, November 2021

Journal of the Egyptian Mathematical Society, Other Indexed Journal, November 2021

International Journal of Mathematics and Computer Science, Journal Indexed in ESCI, November 2021

JOURNAL OF TAIBAH UNIVERSITY FOR SCIENCE, Journal Indexed in SCI-E, October 2021

Palestine Journal of Mathematics, Other Indexed Journal, October 2021

JOURNAL OF TAIBAH UNIVERSITY FOR SCIENCE, Journal Indexed in SCI-E, October 2021

Palestine Journal of Mathematics, Other Indexed Journal, September 2021

Palestine Journal of Mathematics, Other Indexed Journal, September 2021

JOURNAL OF INEQUALITIES AND APPLICATIONS, Journal Indexed in SCI-E, August 2021

Computational Methods for Differential Equations, Journal Indexed in ESCI, August 2021

JOURNAL OF TAIBAH UNIVERSITY FOR SCIENCE, Journal Indexed in SCI-E, August 2021

Computational Methods for Differential Equations, Journal Indexed in ESCI, July 2021

Computational Methods for Differential Equations, Journal Indexed in ESCI, July 2021

Electronic Journal of Mathematical Analysis and Applications, Other Indexed Journal, July 2021

JOURNAL OF TAIBAH UNIVERSITY FOR SCIENCE, Journal Indexed in SCI-E, June 2021

International Journal of Mathematics and Computer Science, Journal Indexed in ESCI, June 2021

TUBITAK Project, 1002 - Quick Support Program, Van Yüzüncü Yil University, Turkey, June 2021

JOURNAL OF TAIBAH UNIVERSITY FOR SCIENCE, Journal Indexed in SCI-E, May 2021

JOURNAL OF TAIBAH UNIVERSITY FOR SCIENCE, Journal Indexed in SCI-E, May 2021

Journal of Mathematical Extension, Journal Indexed in ESCI, May 2021

International Journal of Mathematics and Computer Science, Journal Indexed in ESCI, April 2021

JOURNAL OF TAIBAH UNIVERSITY FOR SCIENCE, Journal Indexed in SCI-E, April 2021

JOURNAL OF TAIBAH UNIVERSITY FOR SCIENCE, Journal Indexed in SCI-E, April 2021

Journal of Mathematical Extension, Journal Indexed in ESCI, March 2021

JOURNAL OF TAIBAH UNIVERSITY FOR SCIENCE, Journal Indexed in SCI-E, March 2021

International Journal of Mathematics and Computer Science, Journal Indexed in ESCI, March 2021

JOURNAL OF TAIBAH UNIVERSITY FOR SCIENCE, Journal Indexed in SCI-E, February 2021

Journal of Mathematical Analysis, Journal Indexed in ESCI, February 2021

JOURNAL OF TAIBAH UNIVERSITY FOR SCIENCE, Journal Indexed in SCI-E, February 2021

JOURNAL OF TAIBAH UNIVERSITY FOR SCIENCE, Journal Indexed in SCI-E, January 2021

Computational Methods for Differential Equations, Journal Indexed in ESCI, December 2020

JOURNAL OF TAIBAH UNIVERSITY FOR SCIENCE, Journal Indexed in SCI-E, December 2020

Computational Methods for Differential Equations, Journal Indexed in ESCI, November 2020

Journal of Mathematical Analysis, Journal Indexed in ESCI, November 2020

ADVANCES IN DIFFERENCE EQUATIONS, Journal Indexed in SCI-E, November 2020

JOURNAL OF TAIBAH UNIVERSITY FOR SCIENCE, Journal Indexed in SCI-E, November 2020

Journal of Mathematical Analysis, Journal Indexed in ESCI, November 2020

Journal of Mathematical Analysis, Journal Indexed in ESCI, October 2020

JOURNAL OF TAIBAH UNIVERSITY FOR SCIENCE, Journal Indexed in SCI-E, September 2020

JOURNAL OF TAIBAH UNIVERSITY FOR SCIENCE, Journal Indexed in SCI-E, September 2020

ADVANCES IN DIFFERENCE EQUATIONS, Journal Indexed in SCI-E, September 2020

International Journal of Mathematics and Computer Science, Journal Indexed in ESCI, July 2020

JOURNAL OF TAIBAH UNIVERSITY FOR SCIENCE, Journal Indexed in SCI-E, June 2020

JOURNAL OF TAIBAH UNIVERSITY FOR SCIENCE, Journal Indexed in SCI-E, June 2020

International Journal of Mathematics and Computer Science, Journal Indexed in ESCI, June 2020

JOURNAL OF TAIBAH UNIVERSITY FOR SCIENCE, Journal Indexed in SCI-E, June 2020

JOURNAL OF TAIBAH UNIVERSITY FOR SCIENCE, Journal Indexed in SCI-E, May 2020

International Journal of Mathematics and Computer Science, Journal Indexed in ESCI, May 2020

JOURNAL OF TAIBAH UNIVERSITY FOR SCIENCE, Journal Indexed in SCI-E, May 2020

JOURNAL OF TAIBAH UNIVERSITY FOR SCIENCE, Journal Indexed in SCI-E, May 2020

Journal of the Egyptian Mathematical Society, Other Indexed Journal, April 2020

Journal of the Egyptian Mathematical Society, Other Indexed Journal, April 2020

JOURNAL OF TAIBAH UNIVERSITY FOR SCIENCE, Journal Indexed in SCI-E, March 2020

JOURNAL OF TAIBAH UNIVERSITY FOR SCIENCE, Journal Indexed in SCI-E, March 2020

TURKISH JOURNAL OF MATHEMATICS, Journal Indexed in SCI-E, March 2020

JOURNAL OF TAIBAH UNIVERSITY FOR SCIENCE, Journal Indexed in SCI-E, February 2020

JOURNAL OF TAIBAH UNIVERSITY FOR SCIENCE, Journal Indexed in SCI-E, February 2020

JOURNAL OF TAIBAH UNIVERSITY FOR SCIENCE, Journal Indexed in SCI-E, January 2020

Journal of the Egyptian Mathematical Society, Other Indexed Journal, October 2019

Communications Faculty of Sciences University of Ankara Series A1 Mathematics and Statistics, Journal Indexed in ESCI, September 2019

Advances In Difference Equations, Journal Indexed in SCI-E, August 2019

JOURNAL OF TAIBAH UNIVERSITY FOR SCIENCE, Journal Indexed in SCI-E, April 2019

Communications Faculty of Sciences University of Ankara Series A1 Mathematics and Statistics, Journal Indexed in ESCI, March 2019

Journal Of Inequalities And Applications, Journal Indexed in SCI-E, March 2019

JOURNAL OF TAIBAH UNIVERSITY FOR SCIENCE, Journal Indexed in SCI-E, March 2019

Journal Of Inequalities And Applications, Journal Indexed in SCI-E, February 2019

Arab Journal of Basic and Applied Sciences, Other Indexed Journal, February 2019

TUBITAK Project, 2229 - Undergraduate and Pre-License, Lect. and Teacher Scientific Impact. DPA, Van Yüzüncü Yil University, Turkey, February 2019

JOURNAL OF TAIBAH UNIVERSITY FOR SCIENCE, Journal Indexed in SCI-E, January 2019

Arab Journal of Basic and Applied Sciences, Other Indexed Journal, December 2018

Advances In Difference Equations, Journal Indexed in SCI-E, October 2018

Advances In Difference Equations, Journal Indexed in SCI-E, September 2018

Journal Of Inequalities And Applications, Journal Indexed in SCI-E, June 2018

Journal of Nonlinear Sciences and Applications, Other Indexed Journal, November 2017

European Physical Journal, Journal Indexed in SCI-E, May 2017

Hacettepe Journal Of Mathematics And Statistics, Journal Indexed in SCI-E, May 2017

Journal of the Egyptian Mathematical Society, Other Indexed Journal, February 2017

Discrete Dynamics In Nature And Society, Journal Indexed in SCI-E, January 2017

Tasks In Event Organizations

Kayar Z., Akgün N., 3rd International Conference on Pure and Applied Mathematics ICPAM-VAN 2020, Scientific Congress, Van, Turkey, Eylül 2020

Kayar Z., Akgün N., 2nd International Conference on Pure and Applied Mathematics, ICPAM - VAN 2018, Scientific Congress, Van, Turkey, Eylül 2018

Kayar Z., Caucasian Mathematics Conference (CMC-II), Scientific Congress, Van, Turkey, Ağustos 2017

Kayar Z., Akgün N., International Conference on Pure and Applied Mathematics (ICPAM 2015), Scientific Congress, Van, Turkey, Ağustos 2015

Kayar Z., 12th InternationalWorkshop on Dynamical Systems and Applications (IWDSA 2013), Scientific Congress, Ankara, Turkey, Ağustos 2013

Metrics

Publication: 49

Congress and Symposium Activities

33rd National Mathematics Symposium, Attendee, İstanbul, Turkey, 2021

The 26th International Conference on Difference Equations and Applications (ICDEA 2021), Attendee, Sarajevo, Bosnia And Herzegovina, 2021

International Conference on Pure and Applied Mathematics ICPAM-VAN 2020, Attendee, Van, Turkey, 2020

XIX International Conference "Dynamical System Modeling and Stability Investigations" (DSMSI-2019), Attendee, Kyyiv, Ukraine, 2019

International Workshop on Dynamical Systems and Applications (IWDSA 2019), Attendee, Ankara, Turkey, 2019

VI. Kadın Matematikçiler Derneği Çalıştayı, Attendee, Konya, Turkey, 2019

International Conference on Pure and Applied Mathematics (ICPAM 2018), Attendee, Van, Turkey, 2018

International Congress of Mathematicians 2018 (ICM 2018), Attendee, Rio-De-Janeiro, Brazil, 2018

The 12th AIMS Conference on Dynamical Systems, Differential Equations and Applications, Attendee, Taipei, Taiwan, 2018

Caucasian Mathematics Conference (CMC-II), Attendee, Van, Turkey, 2017

Recent Trends in Pure and Applied Mathematics (TREPAM 2017), Attendee, Romania, 2017

Caucasian Mathematics Conference (CMC-II), Session Moderator, Van, Turkey, 2017

International Conference on Differential & Difference Equations and Applications 2017, Attendee, Amadora, Portugal, 2017

14 th International Conference of Numerical Analysis and Applied Mathematics (ICNAAM), Attendee, Ródos, Greece, 2016

Conference on Applied Mathematics and Analysis (ICAMA 2016), Attendee, Ankara, Turkey, 2016

11. Ankara Matematik Günleri, Attendee, Ankara, Turkey, 2016

7-th International Conference on Mathematical Analysis, Differential Equation & Their Applications, Attendee, Baku, Azerbaijan, 2015

Genç Matematikçiler Toplantısı, Attendee, İzmir, Turkey, 2015

International Conference on Pure and Applied Mathematics, Session Moderator, Van, Turkey, 2015

International Conference on Pure and Applied Mathematics, Attendee, Van, Turkey, 2015

10. Ankara Matematik Günleri, Attendee, Ankara, Turkey, 2015

International Conference on Differential & Difference Equations and Applications, Attendee, Lisboa, Portugal, 2015

International Conference on Differential & Difference Equations and Applications, Session Moderator, Lisbon, Portugal, 2015

International Congress of Mathematicians, Attendee, Seoul, South Korea, 2014

International Conference on Nonlinear Differential and Difference Equations: Recent Developments and Applications, Attendee, Antalya, Turkey, 2014

12th International Workshop on Dynamical Systems and Applications, Attendee, Ankara, Turkey, 2013

Workshop on Qualitative Theory for Differential Equations, Attendee, Spain, 2012

10. Dinamik Sistemler Çalıştayı, Attendee, Kocaeli, Turkey, 2011

8th International ISAAC Congress, Attendee, Moskva, Russia, 2011

International Conference on Differential & Difference Equations and Applications, Attendee, Ponta Delgada, Portugal, 2011

International Conference on Differential & Difference Equations and Applications, Session Moderator, Ponta-Delgada, Portugal, 2011

Matematik Lisansüstü Çalıştayı-1, Attendee, İstanbul, Turkey, 2010

7th International ISAAC Congress, Attendee, London, United Kingdom, 2009

4. Ankara Matematik Günleri, Attendee, Ankara, Turkey, 2009
8. Ankara Diferansiyel Denklemler Çalıştayı, Attendee, İstanbul, Turkey, 2008

Scholarships

Doktora Bursu, TUBITAK, 2005 - 2010

Awards

Kayar Z., 2013-2014 Yılı En İyi Doktora Tezi Ödülü, ODTÜ, May 2015