

**Assoc. Prof. BURCU SİLİNDİR  
YANTIR**



**Personal Information**

**Office Phone:** [+90 232 301 8590](tel:+902323018590)

**Email:** [burcu.silindir@deu.edu.tr](mailto:burcu.silindir@deu.edu.tr)

**Web:** <https://avesis.deu.edu.tr/burcu.silindir>

**International Researcher IDs**

ScholarID: 7vb2cJoAAAAJ

ORCID: 0000-0001-5694-9977

Publons / Web Of Science ResearcherID: JAO-4154-2023

ScopusID: 9845952500

Yoksis Researcher ID: 38650



**Education Information**

Doctorate, Ihsan Dogramaci Bilkent University, Institute Of Engineering And Natural Sciences, Matematik (Dr), Turkey 2004 - 2009

Postgraduate, Ihsan Dogramaci Bilkent University, Institute Of Engineering And Natural Sciences, Matematik (YI) (Tezli), Turkey 2002 - 2004

Undergraduate, Middle East Technical University, Faculty Of Arts And Sciences, Department Of Mathematics, Turkey 1997 - 2002

**Foreign Languages**

English, C1 Advanced

**Certificates, Courses and Trainings**

Finance, Ankara Üniversitesi- Ekonomi II, Ankara Üniversitesi, 2002

Finance, Ankara Üniversitesi- Ekonomi I, Ankara Üniversitesi, 2001

**Dissertations**

Doctorate, Integrable systems on regular time scales, Ihsan Dogramaci Bilkent University, Mühendislik Ve Fen Bilimleri Enstitüsü, Matematik (Dr), 2009

Postgraduate, Zero curvature and Gel'fand-Dikii formalisms, Ihsan Dogramaci Bilkent University, Institute Of Engineering And Natural Sciences, Matematik (YI) (Tezli), 2004

**Research Areas**

Mathematics, Differential Equations, Dynamic Systems and Ergodic Theory, Functional Equations, Real Functions, Integral Equations, Partial Differential Equations, Special Functions, Natural Sciences

## Academic Titles / Tasks

Associate Professor, Dokuz Eylul University, Fen Fakültesi, Matematik Bölümü, 2015 - Continues  
Assistant Professor, Izmir University Of Economics, Faculty Of Arts And Sciences, Department Of Mathematics, 2009 - 2015  
Lecturer, Ihsan Dogramaci Bilkent University, Faculty Of Science, Department Of Mathematics, 2008 - 2009  
Researcher, Adam Mickiewicz University, 2007 - 2008  
Lecturer, Ihsan Dogramaci Bilkent University, Faculty Of Arts And Sciences, Matematik Ve İstatistik Pr., 2006 - 2007  
Research Assistant, Ihsan Dogramaci Bilkent University, Faculty Of Science, Department Of Mathematics, 2002 - 2006

## Academic and Administrative Experience

Doktora Yeterlilik Komitesi Üyesi, Dokuz Eylul University, Fen Fakültesi, Matematik Bölümü, 2023 - Continues  
Member of Department FEDEK Commission, Dokuz Eylul University, Fen Fakültesi, Matematik Bölümü, 2021 - Continues  
Özdeğerlendirme Komisyonu Üyesi, Dokuz Eylul University, Fen Fakültesi, Matematik Bölümü, 2021 - Continues  
Academic Council Member of Department, Dokuz Eylul University, Fen Fakültesi, Matematik Bölümü, 2015 - Continues  
Deputy Head of Department, Dokuz Eylul University, Fen Fakültesi, Matematik Bölümü, 2023 - 2023  
Faculty Management Board Member, Dokuz Eylul University, Fen Fakültesi, Matematik Bölümü, 2022 - 2023  
Seminer Komisyonu Üyesi, Dokuz Eylul University, Fen Fakültesi, Matematik Bölümü, 2020 - 2023  
Vice Dean, Dokuz Eylul University, Fen Fakültesi, Matematik Bölümü, 2021 - 2022

## Courses

Ph.D. Thesis, Doctorate, 2023 - 2024, 2022 - 2023  
Applied Mathematics, Postgraduate, 2023 - 2024, 2022 - 2023, 2016 - 2017  
Partial Differential Equations, Undergraduate, 2023 - 2024, 2022 - 2023, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016  
Ph.D. Research, Doctorate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019  
Proje Dersi, Undergraduate, 2023 - 2024, 2017 - 2018, 2016 - 2017  
Differential equations and Linear algebra, Undergraduate, 2023 - 2024, 2022 - 2023, 2018 - 2019  
Proje (Diploma projesi), Undergraduate, 2023 - 2024  
Kariyer Planlama, Undergraduate, 2023 - 2024, 2022 - 2023  
MSc. Thesis, Postgraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2017 - 2018, 2016 - 2017  
Differential Equations II, Undergraduate, 2021 - 2022  
Technical English II, Undergraduate, 2021 - 2022, 2020 - 2021  
MSc. Research, Postgraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2017 - 2018, 2016 - 2017  
MSc. Seminar, Postgraduate, 2020 - 2021, 2017 - 2018  
Differential Equations I, Undergraduate, 2021 - 2022  
Technical English I, Undergraduate, 2021 - 2022, 2015 - 2016  
Aspects of Applied Mathematics, Postgraduate, 2021 - 2022, 2019 - 2020, 2018 - 2019  
Ph.D. Seminar, Doctorate, 2019 - 2020  
Matematik I, Undergraduate, 2020 - 2021, 2016 - 2017  
Applications of Lie groups to Differential Equations, Doctorate, 2019 - 2020  
Matematik III, Undergraduate, 2020 - 2021, 2019 - 2020, 2017 - 2018, 2016 - 2017  
Theory of Ordinary Differential equations, Postgraduate, 2019 - 2020  
Matematik II, Undergraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016  
Theory of Partial Differential Equations, Postgraduate, 2017 - 2018  
Partial Differential Equations, Undergraduate, 2016 - 2017  
Nonlinear Problems in Applied Mathematics, Postgraduate, 2015 - 2016

Project for mathematics and computer science, Undergraduate, 2016 - 2017  
Calculus I, Undergraduate, 2015 - 2016  
Mathematical Methods, Postgraduate, 2015 - 2016  
Linear Algebra I, Undergraduate, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011

## Advising Theses

Silindir Yantir B., (q,h) - Analysis and its applications , Doctorate, Z.Tuncer(Student), Continues  
Silindir Yantir B., Fundamentals of Biomathematics and Its Applications, Postgraduate, G.Zaman(Student), 2022  
Silindir Yantir B., Latis, kuantum analiz ve fark D'Alembert problemlerine uygulamaları, Postgraduate, Z.TUNCER(Student), 2018  
Silindir Yantir B., Unification of integrable q-difference equations, Doctorate, D.SOYOĞLU(Student), 2017

## Jury Memberships

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Dokuz Eylül Üniversitesi, June, 2024  
Doctorate, Doctorate, İzmir Yüksek Teknoloji Enstitüsü, December, 2022  
Doctorate, Doctorate, İzmir Yüksek Teknoloji Enstitüsü, December, 2022  
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, İzmir Yüksek Teknoloji Enstitüsü, January, 2019  
Post Graduate, Post Graduate, Hacettepe Üniversitesi, June, 2018  
Doctorate, Doctorate, İzmir Yüksek Teknoloji Enstitüsü, July, 2017  
Doctorate, Doctorate, İzmir Ekonomi Üniversitesi, June, 2016  
Doctorate, Doctorate, Ege Üniversitesi, June, 2012  
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Ege Üniversitesi, January, 2009

## Designed Lessons

Silindir Yantir B., Aspects of Applied Mathematics, Postgraduate, 2018 - 2019

## Taught Courses And Trainings

Silindir Yantir B., Hepimiz Çocuktuk-Herkes için Bilim Projesi, 2023 - 2023  
Silindir Yantir B., Lise Matematik Projesi, 2013 - 2014  
Silindir Yantir B., Lise Matematik Kursu, 2004 - 2004

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Generalized polynomials and their unification and extension to discrete calculus**  
Cichon M., Silindir Yantir B., Yantir A., Gergün S.  
SYMMETRY, vol.2023, no.15, pp.1-26, 2023 (SCI-Expanded)
- II. **Power function and binomial series on  $T$ -(q,T-h)**  
Gergün S., Silindir Yantir B., Yantir A.  
APPLIED MATHEMATICS IN SCIENCE AND ENGINEERING, vol.31, no.1, 2023 (SCI-Expanded)
- III. **Bessel equation and Bessel function on  $T$ (q,h)**  
Yantir A., Silindir Yantir B., Tuncer Z.

TURKISH JOURNAL OF MATHEMATICS, vol.46, no.8, pp.3300-3322, 2022 (SCI-Expanded)

- IV. **Gauss's Binomial Formula and Additive Property of Exponential Functions on  $T$ - $(q, T-h)$**   
Silindir Yantr B., Yantr A.  
FILOMAT, vol.35, no.11, pp.3855-3877, 2021 (SCI-Expanded)
- V. **Generalized quantum exponential function and its applications**  
Silindir Yantr B., Yantr A.  
FILOMAT, vol.33, no.15, pp.4907-4922, 2019 (SCI-Expanded)
- VI. **UNIFICATION OF INTEGRABLE  $q$ -DIFFERENCE EQUATIONS**  
Silindir Yantr B., Soyoglu D.  
ELECTRONIC JOURNAL OF DIFFERENTIAL EQUATIONS, 2015 (SCI-Expanded)
- VII. **Flat minimal quantizations of Stackel systems and quantum separability**  
Blaszak M., Domanski Z., Silindir B.  
ANNALS OF PHYSICS, vol.351, pp.152-165, 2014 (SCI-Expanded)
- VIII. **Construction and separability of nonlinear soliton integrable couplings**  
Blaszak M., Szablikowski B. M., Silindir B.  
APPLIED MATHEMATICS AND COMPUTATION, vol.219, no.4, pp.1866-1873, 2012 (SCI-Expanded)
- IX. **Soliton solutions of  $q$ -Toda lattice by Hirota direct method**  
Silindir B.  
ADVANCES IN DIFFERENCE EQUATIONS, 2012 (SCI-Expanded)
- X. **Bi-Hamiltonian structures for integrable systems on regular time scales**  
Szablikowski B. M., Blaszak M., Silindir B.  
JOURNAL OF MATHEMATICAL PHYSICS, vol.50, no.7, 2009 (SCI-Expanded)
- XI. **The R-matrix approach to integrable systems on time scales**  
Blaszak M., Silindir B., Szablikowski B. M.  
JOURNAL OF PHYSICS A-MATHEMATICAL AND THEORETICAL, vol.41, no.38, 2008 (SCI-Expanded)
- XII. **Integrable discrete systems on  $\mathbb{R}$  and related dispersionless systems**  
Blaszak M., Guerses M., Silindir B., Szablikowski B. M.  
JOURNAL OF MATHEMATICAL PHYSICS, vol.49, no.7, 2008 (SCI-Expanded)
- XIII. **Integrable equations on time scales**  
Gurses M., Guseinov G., Silindir B.  
JOURNAL OF MATHEMATICAL PHYSICS, vol.46, no.11, 2005 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Analysis on  $\alpha$ -time scales and its applications to Cauchy-Euler equation**  
Silindir Yantr B., Gergün S., Yantr A.  
Applied Mathematics and Information Sciences, vol.18, no.5, pp.1051-1074, 2024 (Scopus)

## Books & Book Chapters

- I. **Generalized Quantum Polynomials**  
Silindir Yantr B., Yantr A.  
in: Recent Research in Polynomials, Faruk Özger, Editor, Intechopen, London, pp.1-17, 2023

## Refereed Congress / Symposium Publications in Proceedings

- I. **Alpha extension of  $(q, h)$ -time scales**  
Silindir Yantr B.

DEÜ Matematik Seminerleri, İzmir, Turkey, 28 March 2023

II. **Generalized discrete functions and applications**

Silindir Yantr B.

Yeditepe Üniversitesi Matematik Seminerleri, İzmir, Turkey, 17 March 2023

III. **(q,h)-Zaman Skalasında Temel Fonksiyonlar**

Silindir Yantr B.

34. Ulusal Matematik Sempozyumu, İzmir, Turkey, 31 August - 03 September 2022, pp.7

IV. **Nabla (q,h)-Bessel Denklemi**

Silindir Yantr B.

34. Ulusal Matematik Sempozyumu, İzmir, Turkey, 31 August - 03 September 2022, pp.14

V. **Vektörlerle Bulaşan Hastalıkların Matematiksel Modellemesi**

Silindir Yantr B.

34. Ulusal Matematik Sempozyumu, İzmir, Turkey, 31 August - 03 September 2022, pp.6

VI. **(q,h)-Zaman Skalasında Kuvvet Fonksiyonu**

Gergün S., Silindir Yantr B., Yantr A.

34. Ulusal Matematik Sempozyumu, İzmir, Turkey, 31 August - 03 September 2022, pp.62

VII. **(q, h)-Zaman Skalasında Cauchy-Euler Denklemi**

Yantr A., Gergün S., Silindir Yantr B.

34. Ulusal Matematik Sempozyumu, İzmir, Turkey, 31 August - 03 September 2022, pp.1

VIII. **Mathematical Modeling of Infectious Diseases**

Silindir Yantr B.

İzmir Mathematics Days IV, İzmir, Turkey, 15 - 17 June 2022, pp.26

IX. **How did Euler discover Gamma function?**

Silindir Yantr B.

DEÜ Matematik Seminerleri, İzmir, Turkey, 17 November 2021

X. **Generalized quantum analysis**

Silindir Yantr B.

The 9th International Workshop on Differential Equations and Applications, İstanbul, Turkey, 24 - 26 May 2019, pp.17

XI. **(q,h)- analogue of exponential function and its applications: Wave and Burger's equations**

Silindir Yantr B.

The 9th International Workshop on Differential equations and applications, İstanbul, Turkey, 24 - 26 May 2019, pp.18

XII. **h-D'alembert problems and solutions**

Silindir Yantr B.

İzmir Mathematics Days I, İzmir, Turkey, 26 - 27 June 2018, pp.20

XIII. **q-discrete analogue of Hirota-Miwa equation**

Silindir Yantr B.

İzmir Mathematics Days I, İzmir, Turkey, 26 - 27 June 2018, pp.18

XIV. **Unification of integrable q-difference equations**

Silindir Yantr B.

The 8th International Workshop on Differential Equations and Applications, İzmir, Turkey, 2 - 04 June 2017, pp.20

XV. **On integrable extensions**

Silindir Yantr B.

VI Congress of Mathematicians of Macedonia, Ohrid, Macedonia, 15 - 18 June 2016, pp.67

XVI. **q-solitons**

Silindir Yantr B.

3. Kadın Matematikçiler Derneği Çalıştayı, İzmir, Turkey, 27 - 29 May 2016, pp.15

XVII. **Integrability on regular time scales**

Silindir Yantr B.

The 7th International Workshop on Differential equations and applications, İzmir, Turkey, 28 - 31 July 2015, pp.28

- XVIII. **Integrability, integrable extensions**  
Silindir Yantr B.  
Hacettepe Üniversitesi Matematik Bölüm Semineri, Ankara, Turkey, 02 February 2015
- XIX. **Integrable Soliton Extensions**  
Silindir Yantr B.  
University of Ostrava, Seminar of Department of Mathematics, Ostrava, Czech Republic, 12 June 2014
- XX. **Integrable q-difference equations**  
Silindir Yantr B.  
Progress on Difference Equations, İzmir, Turkey, 21 - 24 May 2014, pp.59
- XXI. **Integrability on difference equations**  
Silindir Yantr B.  
İzmir Yüksek Teknoloji Enstitüsü Matematik Bölüm Semineri, İzmir, Turkey, 01 October 2013
- XXII. **Some aspects of q-discretization**  
Silindir Yantr B.  
The 6th International Workshop On Differential Equations and Applications, İzmir, Turkey, 11 - 14 September 2013, pp.42
- XXIII. **q-discrete generalized Toda equations**  
Silindir Yantr B.  
The 11 th International Workshop on Dynamical Systems and Applications, Ankara, Turkey, 26 - 28 June 2012, pp.25
- XXIV. **Lineer olmayan integre edilebilir soliton eşleşmeleri**  
Silindir Yantr B.  
7.Ankara Matematik Günleri, Ankara, Turkey, 31 May - 01 June 2012, pp.89
- XXV. **Toda Equation (its discretization on  $\mathbb{R}$ )**  
Silindir Yantr B.  
The 5th Workshop On Differential Equations And Applications, İzmir, Turkey, 14 - 16 September 2011, pp.26
- XXVI. **Düzgün zaman skalasında R-matris Formulasyonu**  
Silindir Yantr B.  
5. Ankara Matematik Günleri, Ankara, Turkey, 3 - 04 June 2010, pp.25
- XXVII. **Multi-Hamiltonian Theory on Time Scales**  
Silindir Yantr B.  
Atılım Üniversitesi Matematik Bölüm Semineri, Ankara, Turkey, 01 June 2010
- XXVIII. **Bi-Hamiltonian Structures on Regular Time Scales**  
Silindir Yantr B.  
The 4th Workshop on Differential Equations and Applications, İstanbul, Turkey, 30 April - 02 May 2010
- XXIX. **Bi-Hamiltonian Structures for Integrable Systems on Time Scales**  
Silindir Yantr B.  
30 Years of Bi-Hamiltonian Systems, Poznan, Poland, 3 - 09 August 2008, pp.27
- XXX. **R-matrix Approach to Integrable Systems on Time Scales**  
Silindir Yantr B.  
Second Workshop on Nonlinearity and Geometry-Darboux Days, Poznan, Poland, 13 - 19 April 2008, pp.42
- XXXI. **Integrable Discrete Systems on  $\mathbb{R}$**   
Silindir Yantr B.  
6th ISAAC Congress (International Society for Analysis, its Applications and Computation) , Ankara, Turkey, 13 - 18 August 2007, pp.95
- XXXII. **Some applications of Gel'fand Dikii Formalism on time scales**  
Silindir Yantr B.  
The First International Workshop on Dynamic equations on time scales, İstanbul, Turkey, 27 June - 01 July 2005, pp.32

## Student Project

Other, q-calculus and q-difference equations, Dokuz Eylul University, Fen Fakültesi, Matematik Bölümü, Turkey, 2023 - 2023

Other, Quantum analysis, Dokuz Eylul University, Fen Fakültesi, Matematik Bölümü, Turkey, 2017 - 2018

Other, Theory and Application of Lie Algebra of Shift Operation, Dokuz Eylul University, Fen Fakültesi, Matematik Bölümü, Turkey, 2017 - 2017

## Activities in Scientific Journals

Dokuz Eylül Üniversitesi Mühendislik Fakültesi Fen ve Mühendislik Dergisi, Editor, 2019 - Continues

## Memberships / Tasks in Scientific Organizations

Kadın Matematikçiler Derneği, Member, 2016 - Continues, Turkey

## Scientific Refereeing

JOURNAL OF MATHEMATICS AND COMPUTER SCIENCE, Other Indexed Journal, April 2024

Dokuz Eylül Üniversitesi Mühendislik Fakültesi Fen ve Mühendislik Dergisi, National Scientific Refreed Journal, February 2024

TUBITAK Project, 1002 - Quick Support Program, Dokuz Eylul University, Turkey, February 2024

FUNDAMENTAL JOURNAL OF MATHEMATICS AND APPLICATIONS (ONLINE), National Scientific Refreed Journal, June 2022

Dokuz Eylül Üniversitesi Mühendislik Fakültesi Fen ve Mühendislik Dergisi, National Scientific Refreed Journal, May 2020

HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, SCI Journal, September 2019

MATHSCINET, SCI Journal, September 2019

TUBITAK Project, 3501 - National Young Researcher Career Development Program, Pamukkale University, Turkey, May 2019

HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, SCI Journal, February 2019

HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, SCI Journal, September 2018

HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, Journal Indexed in SCI-E, September 2018

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Tobb University Of Economics And Technology, Turkey, July 2018

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Akdeniz University, Turkey, July 2018

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Amasya University, Turkey, July 2018

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Ankara University, Turkey, July 2018

TUBITAK Project, 2219 - Yurt Dışı Doktora Sonrası Araştırma Burs Programı, Artvin Coruh University, Turkey, June 2018

TUBITAK Project, 2219 - Yurt Dışı Doktora Sonrası Araştırma Burs Programı, Ege University, Turkey, June 2018

TUBITAK Project, 2219 - Yurt Dışı Doktora Sonrası Araştırma Burs Programı, Van Yüzüncü Yil University, Turkey, June 2018

TUBITAK Project, 2219 - Yurt Dışı Doktora Sonrası Araştırma Burs Programı, Gazi University, Turkey, June 2018

TUBITAK Project, 2219 - Yurt Dışı Doktora Sonrası Araştırma Burs Programı, Cankiri Karatekin University, Turkey, June 2018

TUBITAK Project, 2219 - Yurt Dışı Doktora Sonrası Araştırma Burs Programı, Firat University, Turkey, June 2018

TUBITAK Project, 2218 - Yurt İçi Doktora Sonrası Araştırma Burs Programı, Dokuz Eylul University, Turkey, December 2017

ADVANCES IN DIFFERENCE EQUATIONS, SCI Journal, April 2017

Journal Of Mathematical Analysis And Applications, SCI Journal, August 2015

Communications Faculty of Sciences University of Ankara Series A2-A3: Physical Sciences and Engineering, National Scientific Refreed Journal, July 2015

Journal Of Difference Equations And Applications, SCI Journal, July 2015

ADVANCES IN DIFFERENCE EQUATIONS, Journal Indexed in SCI-E, June 2015

Electronic Journal of Differential Equations, Journal Indexed in SCI-E, November 2014

Reports On Mathematical Physics, Journal Indexed in SCI-E, September 2013

ÇANKAYA UNIVERSITY JOURNAL OF HUMANITIES AND SOCIAL SCIENCES (CUJHSS), National Scientific Refreed Journal, April 2013

ÇANKAYA UNIVERSITY JOURNAL OF HUMANITIES AND SOCIAL SCIENCES (CUJHSS), National Scientific Refreed Journal, March 2013

## Scientific Consultations

İhsan Dođramacı Bilkent Üniversitesi, Scientific Consultancy, Dokuz Eylul University, Fen Fakültesi, Matematik Bölümü, Turkey, 2022 - Continues

İzmir Matematik Günleri 5, Scientific Consultancy, Dokuz Eylul University, Fen Fakültesi, Matematik Bölümü, Turkey, 2023 - 2023

İzmir Matematik Günleri 1, Scientific Consultancy, Dokuz Eylul University, Fen Fakültesi, Matematik Bölümü, Turkey, 2018 - 2018

## Tasks In Event Organizations

Silindir Yantr B., İzmir Matematik Günleri 5, Scientific Congress, İzmir, Turkey, Eylül 2023

Silindir Yantr B., The 9th International Workshop on Differential Equations and Applications, Scientific Congress, İstanbul, Turkey, Mayıs 2019

Silindir Yantr B., Dişibüyük Ç., İzmir Matematik Günleri I, Scientific Congress, İzmir, Turkey, Haziran 2018

Silindir Yantr B., DIŞIBÜYÜK Ç., The 8th International Workshop on Differential Equations and Applications, Scientific Congress, Aydın, Turkey, Haziran 2017

Silindir Yantr B., COŞKAN ÖZALP D., 3. Kadın Matematikçiler Derneđi Çalıştayı, Scientific Congress, İzmir, Turkey, Mayıs 2016

Silindir Yantr B., The 7th International Workshop on Differential Equations and Applications, Scientific Congress, İzmir, Turkey, Temmuz 2015

Silindir Yantr B., The 6th International Workshop on Differential Equations and Applications, Scientific Congress, İzmir, Turkey, Eylül 2013

Silindir Yantr B., The 5th Workshop on Differential Equations and Applications, Scientific Congress, İzmir, Turkey, Eylül 2011

## Mobility Activity

Erasmus Programme, Lecturing, University of Ostrava, Czech Republic, 2014 - 2014

Faculty Training Programme, Research During Graduate Education, Akademia Ekonomiczna Im. Karola Adamieckiego w Katowicach, Poland, 2007 - 2008



## Metrics

Publication: 47

Citation (WoS): 82

Citation (Scopus): 8

H-Index (WoS): 5

H-Index (Scopus): 1

## Congress and Symposium Activities

İzmir Mathematics days V, Session Moderator, İzmir, Turkey, 2023

İzmir Mathematics Days V, Attendee, İzmir, Turkey, 2023

Dokuz Eylül Üniversitesi ile Azerbaycan Milli İlimler Akademisi Arasındaki İkinci Uluslararası Temel Bilim İkili Çalıştayı, Attendee, İzmir, Turkey, 2022

34. Ulusal Matematik Sempozyumu, Attendee, İzmir, Turkey, 2022

34. Ulusal Matematik Sempozyumu, Session Moderator, İzmir, Turkey, 2022

İzmir Mathematics Days IV, Session Moderator, İzmir, Turkey, 2022

İzmir Mathematics Days IV, Attendee, İzmir, Turkey, 2022

Dokuz Eylül Üniversitesi ile Azerbaycan Milli İlimler Akademisi Arasındaki Birinci Temel Bilim İkili Çalıştayı , Attendee, İzmir, Turkey, 2021

İzmir Mathematics days III, Attendee, İzmir, Turkey, 2020

İzmir Mathematics days III, Session Moderator, İzmir, Turkey, 2020

İzmir Mathematics days II, Session Moderator, İzmir, Turkey, 2019

İzmir Mathematics days II, Attendee, İzmir, Turkey, 2019

The 9th International Workshop on Differential Equations and Applications, Attendee, İstanbul, Turkey, 2019

The 9th International Workshop on Differential Equations and Applications, Session Moderator, İstanbul, Turkey, 2019

İzmir Mathematics Days I, Session Moderator, İzmir, Turkey, 2018

İzmir Mathematics Days I, Attendee, İzmir, Turkey, 2018

The 8th International Workshop on Differential Equations and Applications, Session Moderator, İzmir, Turkey, 2017

The 8th International Workshop on Differential Equations and Applications, Attendee, İzmir, Turkey, 2017

VI Congress of Mathematicians of Macedonia, Ohrid, Makedonya, 15 - 18 Haziran 2016, Attendee, Ohrid, Macedonia, 2016

3. Kadın Matematikçiler Derneği Çalıştayı, İzmir, Türkiye, 27 - 29 Mayıs 2016, Attendee, İzmir, Turkey, 2016

3. Kadın Matematikçiler Derneği Çalıştayı, Session Moderator, İzmir, Turkey, 2016

The 7th International Workshop on Differential equations and applications, İzmir, Türkiye, 28 - 31 Temmuz 2015, Attendee, İzmir, Turkey, 2015

The 7th International Workshop on Differential equations and applications, İzmir, Türkiye, 28 - 31 Temmuz 2015, Session Moderator, İzmir, Turkey, 2015

University of Ostrava, Invited Speaker, Ostrava, Czech Republic, 2014

Progress on Difference Equations, İzmir, Türkiye, 21 - 24 Mayıs 2014, Attendee, İzmir, Turkey, 2014

The 6th International Workshop On Differential Equations and Applications, İzmir, Türkiye, 11 - 14 Eylül 2013, Session Moderator, İzmir, Turkey, 2013

The 6th International Workshop On Differential Equations and Applications, İzmir, Türkiye, 11 - 14 Eylül 2013, Attendee, İzmir, Turkey, 2013

The 11 th International Workshop on Dynamical Systems and Applications, Attendee, Ankara, Turkey, 2012

7.Ankara Matematik Günleri, Attendee, Ankara, Turkey, 2012

The 5th Workshop On Differential Equations And Applications, Attendee, İzmir, Turkey, 2011

The 5th Workshop On Differential Equations And Applications, Session Moderator, İzmir, Turkey, 2011

5. Ankara Matematik Günleri, Attendee, Ankara, Turkey, 2010

The 4th Workshop on Differential Equations and Applications, Attendee, İstanbul, Turkey, 2010

30 Years of Bi-Hamiltonian Systems, Attendee, Poznan, Poland, 2008

Second Workshop on Nonlinearity and Geometry-Darboux Days, Attendee, Poznan, Poland, 2008

6th ISAAC Congress , Attendee, Ankara, Turkey, 2007

The First International Workshop on Dynamic equations on time scales, Attendee, İstanbul, Turkey, 2005

## Invited Talks

Generalized discrete functions and applications, Seminar, Yeditepe Üniversitesi, Turkey, March 2023

## Scholarships

Tam Doktora Bursu, University, 2008 - 2009

TÜBİTAK 2212 Bütünleşik Doktora Programı Bursu-Yurtdışı, TUBITAK, 2007 - 2008

TÜBİTAK 2212 Bütünleşik Doktora Programı Bursu, TUBITAK, 2005 - 2007

Tam Doktora Bursu, University, 2004 - 2005

Tam Yüksek Lisans Bursu, University, 2002 - 2004

ODTÜ Geliştirme Vakfı Bursu, University, 1997 - 2002

## Awards

Silindir Yantr B., TÜBİTAK Uluslararası Bilimsel Yayınları Teşvik Programı, Tübitak, February 2023

Silindir Yantr B., TÜBİTAK Uluslararası Bilimsel Yayınları Teşvik Programı, Tübitak , November 2015

Silindir Yantr B., TÜBİTAK Uluslararası Bilimsel Yayınları Teşvik Programı, Tübitak , November 2013

Silindir Yantr B., TÜBİTAK 2221 Program teşviği, Tübitak, July 2013

Silindir Yantr B., TÜBİTAK Uluslararası Bilimsel Yayınları Teşvik Programı, Tübitak , October 2012

Silindir Yantr B., TÜBİTAK Uluslararası Bilimsel Yayınları Teşvik Programı, Tübitak , December 2009

Silindir Yantr B., TÜBİTAK Uluslararası Bilimsel Yayınları Teşvik Programı, Tübitak , October 2008

Silindir Yantr B., TÜBİTAK Uluslararası Bilimsel Yayınları Teşvik Programı, Tübitak , May 2008

Silindir Yantr B., Orhan Alishbah Matematik Ödülü, Bilkent Üniversitesi , April 2006

Silindir Yantr B., TÜBİTAK Uluslararası Bilimsel Yayınları Teşvik Programı, Tübitak , July 2005

Silindir Yantr B., Yüksek Şeref Öğrencisi, Odtü, May 2002

## Representation and Promotion Activities

Institutional Representation, Dokuz Eylül Üniversitesi, Turkey, Adıyaman, 2023 - 2023

Institutional Representation, İzmir İl Milli Eğitim Müdürlüğü ve İzmir Ekonomi Üniversitesi, Turkey, İzmir, 2012 - 2012