



# AYHAN DİL

## ASSOC. PROF.

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Address : Akdeniz University, Faculty of Science, Department of Mathematics, Antalya, 07058, Turkey

### International Researcher IDs

ORCID: 0000-0003-1273-6704

Publons / Web Of Science ResearcherID: C-4040-2012

ScopusID: 16307027700

Yoksis Researcher ID: 183747



### Learning Knowledge

Post Doctorate  
2015 - 2017

Middle East Technical University, Faculty Of Arts And Sciences, Matematik, Turkey

Post Doctorate  
2010 - 2011

Ihsan Dogramaci Bilkent University, Faculty Of Science, Matematik, Turkey

Doctorate  
2005 - 2010

Akdeniz University, Institute of Science, Matematik, Turkey

Postgraduate  
2004 - 2005

Akdeniz University, Institute of Science, Matematik, Turkey

Undergraduate  
1999 - 2003

Akdeniz University, Fen Edebiyat Fakültesi, Matematik, Turkey

### Foreign Languages

English, B2 Upper Intermediate

### Certificates, Courses and Trainings

Education Management and Planning, NMK Summer School, Turkish Mathematical Society, Turkish Mathematical Society, 2017

Education Management and Planning, WAMS research school: Topics in Analytic and Transcendental Number Theory,

Institute for Advanced Studies in Basic Sciences (IASBS)-Zanjan, 2017  
 Education Management and Planning, CIMPA-ICTP research school on Artin L-functions, Artin's primitive roots conjecture and applications, CIMPA-ICTP, 2017  
 Education Management and Planning, NMK Summer School, Turkish Mathematical Society, Turkish Mathematical Society, 2016  
 Education Management and Planning, NMK Summer School, Turkish Mathematical Society, Turkish Mathematical Society, 2015  
 Education Management and Planning, Summer School, Turkish Mathematical Society, Turkish Mathematical Society, 2014  
 Education Management and Planning, Summer School, Turkish Mathematical Society, Turkish Mathematical Society, 2013  
 Education Management and Planning, Summer School: Four Faces of Number Theory, Julius-Maximilians-Universitat Würzburg, 2012  
 Education Management and Planning, Summer School, Turkish Mathematical Society, Turkish Mathematical Society, 2012  
 Education Management and Planning, Workshop on Demazure Characters, Akdeniz University, 2012  
 Education Management and Planning, Summer School, Turkish Mathematical Society, Turkish Mathematical Society, 2011  
 Education Management and Planning, Introduction to Advanced Number Theory Workshop, Nesin Mathematics Village, 2011  
 Education Management and Planning, Workshop on Algebraic Numbers and L-Functions, Akdeniz University, 2010  
 Education Management and Planning, Summer School, Turkish Mathematical Society, Turkish Mathematical Society, 2010  
 Education Management and Planning, Number Theory Workshop, Nesin Mathematics Village, 2010  
 Education Management and Planning, Summer School, Turkish Mathematical Society, Turkish Mathematical Society, 2009  
 Education Management and Planning, Winter School on Explicit Methods in Number Theory, Debrecen University, 2009  
 Education Management and Planning, Summer School, Turkish Mathematical Society, Turkish Mathematical Society, 2008  
 Education Management and Planning, Stieltjes & Diamant Onderwijsweek, Solvability of Diophantine Equations, Leiden University, 2007  
 Education Management and Planning, Ph.D. Courses in Mathematics, Department of Mathematics, Debrecen University, 2007  
 Education Management and Planning, Summer School, Turkish Mathematical Society, Turkish Mathematical Society, 2006

## Dissertations

Doctorate, Zeta Fonksiyonları, Özel Bazı Polinom Aileleri ve Genelleştirmeleri Üzerine, Akdeniz University, Institute of Science, Matematik, 2010  
 Postgraduate, Dedekind Toplamlarının Ortalama Değerleri, Akdeniz University, Institute of Science, Matematik, 2005

## Academic Titles / Tasks

Associate Professor 2021 - Continues	Akdeniz University, Faculty of Science, Department of Mathematics
Assistant Professor 2018 - 2021	Akdeniz University, Faculty of Science, Department of Mathematics
Assistant Professor 2011 - 2018	Akdeniz University, Faculty of Science, Department of Mathematics
Other 2015 - 2017	Middle East Technical University, Faculty Of Arts And Sciences, Department Of Mathematics

Research Assistant  
2005 - 2010

Akdeniz University, Institute of Science, Institute of Science

## Supported Projects

1. DİL A., Project Supported by Higher Education Institutions, Riemann zeta fonksiyonu ile ilgili seriler ve sabitler, 2018 - 2020
2. DİL A., Muniroğlu E., Project Supported by Higher Education Institutions, BAZI OPERATÖRLERİN DİZİ VE SERİ ANALİZİNDEKİ UYGULAMALARI, 2018 - 2018

## Scholarships

SCIence-Symbolic Computation Infrastructure for Europe, Research Visit Grant, Official Institutions of Foreign Countries, 2010 - Continues

## Jury Memberships

Post Graduate, Post Graduate, Akdeniz Üniversitesi, January, 2024

Post Graduate, Post Graduate, Akdeniz Üniversitesi, July, 2023

Doctorate, Doctorate, Akdeniz Üniversitesi, June, 2023

Doctorate, Doctorate, Sabancı Üniversitesi, July, 2022

Post Graduate, Post Graduate, Akdeniz Üniversitesi, February, 2022

Doctorate, Doctorate, Akdeniz Üniversitesi, June, 2021

Competition, 2021 yılı TÜBİTAK 2204 B Ortaokul Öğrencileri Araştırma Projeleri Bölge Yarışması Konya Bölgesi

Matematik Alanı Jüri Üyeliği, Türkiye Bilimsel ve Teknolojik Araştırma Kurumu, April, 2021

Post Graduate, Post Graduate, Akdeniz Üniversitesi, June, 2020

Competition, Tübitak Ortaokul Öğrencileri Araştırma Projeleri Yarışması, Tübitak, February, 2019

Post Graduate, Post Graduate, Akdeniz Üniversitesi, July, 2018

Competition, Akdeniz Üniversitesi ve Antalya İl Milli Eğitim Müdürlüğü Liseler Arası Matematik ve Fen Bilimleri Proje Yarışması, Antalya İl Milli Eğitim Müdürlüğü, May, 2018

Competition, Tübitak 49. Ortaöğrenim proje yarışması , Türkiye Bilimsel ve Teknolojik Araştırma Kurumu, April, 2018

Competition, Tübitak 48. Ortaöğrenim proje yarışması , Türkiye Bilimsel ve Teknolojik Araştırma Kurumu, April, 2017

Competition, Tübitak 47. Ortaöğrenim proje yarışması , Türkiye Bilimsel ve Teknolojik Araştırma Kurumu, April, 2016

Competition, Tübitak 46. Ortaöğrenim proje yarışması , Türkiye Bilimsel ve Teknolojik Araştırma Kurumu, April, 2015

Doctorate, Yrd. Doç. Dr. Ayhan Dil/ Ar. Gör. Seçil Çeken'in doktora tez savunması, Akdeniz Üniversitesi, June, 2014

Post Graduate, Post Graduate, Akdeniz Üniversitesi, June, 2014

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

1. **Euler sums of generalized harmonic numbers and connected extensions**  
Can M., Kargin L., Dil A., Soylu G.  
APPLICABLE ANALYSIS AND DISCRETE MATHEMATICS, vol.17, no.2, pp.401-417, 2023 (SCI-Expanded)
2. **Stieltjes constants appearing in the Laurent expansion of the hyperharmonic zeta function**  
CAN M., DİL A., KARGIN L.  
Ramanujan Journal, vol.61, no.3, pp.873-894, 2023 (SCI-Expanded)
3. **On the Stieltjes constants with respect to harmonic zeta functions**

- Kargin L., Dil A., Cenkci M., Can M.  
 JOURNAL OF MATHEMATICAL ANALYSIS AND APPLICATIONS, pp.1-15, 2023 (SCI-Expanded)
4. **On Evaluations of Euler-Type Sums of Hyperharmonic Numbers**  
 Kargin L., Can M., Dil A., Cenkci M.  
 Bulletin of the Malaysian Mathematical Sciences Society, vol.45, no.1, pp.113-131, 2022 (SCI-Expanded)
  5. **Generalized harmonic numbers via poly-Bernoulli polynomials**  
 Kargin L., Cenkci M., Dil A., Can M.  
 Publicationes Mathematicae, vol.100, no.3-4, pp.365-386, 2022 (SCI-Expanded)
  6. **APPLICATIONS OF DERIVATIVE AND DIFFERENCE OPERATORS ON SOME SEQUENCES**  
 DİL A., Muniroglu E.  
 APPLICABLE ANALYSIS AND DISCRETE MATHEMATICS, vol.14, no.2, pp.406-430, 2020 (SCI-Expanded)
  7. **On values of the Riemann zeta function at positive integers**  
 DİL A., Boyadzhiev K. N., ALIYEV İ.  
 LITHUANIAN MATHEMATICAL JOURNAL, vol.60, no.1, pp.9-24, 2020 (SCI-Expanded)
  8. **SHIFTED EULER-SEIDEL MATRICES**  
 DİL A., Firengiz M. C.  
 MISKOLC MATHEMATICAL NOTES, vol.18, no.1, pp.173-188, 2017 (SCI-Expanded)
  9. **Evaluation of Euler-like sums via Hurwitz zeta values**  
 DİL A., Mezo I., CENKCI M.  
 TURKISH JOURNAL OF MATHEMATICS, vol.41, no.6, pp.1640-1655, 2017 (SCI-Expanded)
  10. **Geometric polynomials: Properties and applications to series with zeta values**  
 Boyadzhiev K. N., Dil A.  
 Analysis Mathematica, vol.42, no.3, pp.203-224, 2016 (SCI-Expanded)
  11. **Euler sums of hyperharmonic numbers**  
 DİL A., Boyadzhiev K. N.  
 JOURNAL OF NUMBER THEORY, vol.147, pp.490-498, 2015 (SCI-Expanded)
  12. **Series with Hermite polynomials and applications**  
 Boyadzhiev K. N., DİL A.  
 PUBLICATIONES MATHEMATICAE-DEBRECEN, vol.80, no.3-4, pp.385-404, 2012 (SCI-Expanded)
  13. **POLYNOMIALS RELATED TO HARMONIC NUMBERS AND EVALUATION OF HARMONIC NUMBER SERIES II**  
 DİL A., Kurt V.  
 APPLICABLE ANALYSIS AND DISCRETE MATHEMATICS, vol.5, no.2, pp.212-229, 2011 (SCI-Expanded)
  14. **Hyperharmonic series involving Hurwitz zeta function**  
 Mezö I., DİL A.  
 JOURNAL OF NUMBER THEORY, vol.130, no.2, pp.360-369, 2010 (SCI-Expanded)
  15. **Euler-Seidel method for certain combinatorial numbers and a new characterization of Fibonacci sequence**  
 Mezö I., DİL A.  
 CENTRAL EUROPEAN JOURNAL OF MATHEMATICS, vol.7, no.2, pp.310-321, 2009 (SCI-Expanded)
  16. **A symmetric algorithm for hyperharmonic and Fibonacci numbers**  
 DİL A., Mezö I.  
 APPLIED MATHEMATICS AND COMPUTATION, vol.206, no.2, pp.942-951, 2008 (SCI-Expanded)

### Articles Published in Other Journals

1. **Tornheim-Like Series, Harmonic Numbers, and Zeta Values**  
 ALIYEV İ., DİL A.  
 Journal of Integer Sequences, vol.25, no.5, 2022 (ESCI)
2. **On the Hyperharmonic Function**

DİL A.

SÜLEYMAN DEMİREL ÜNİVERSİTESİ FEN BİLİMLERİ ENSTİTÜSÜ DERGİSİ, vol.23, no.Özel Sayı, pp.187-193, 2019  
(Peer-Reviewed Journal)

3. **Generalized Euler-Seidel Method for Second Order Recurrence Relations**

DİL A., Çetin Frengiz M.

NOTES ON NUMBER THEORY AND DISCRETE MATHEMATICS, vol.20, no.2014-4, pp.21-32, 2014 (ESCI)

4. **Polynomials Related to Harmonic Numbers and Evaluation of Harmonic Number Series I**

DİL A., KURT V.

INTEGERS, The Electronic Journal of Combinatorial Number Theory, vol.12, no.A38, pp.1-18, 2012 (Peer-Reviewed Journal)

5. **Investigating Geometric and Exponential Polynomials with Euler Seidel Matrices**

DİL A., KURT V.

JOURNAL OF INTEGER SEQUENCES, vol.14, no.4, pp.1146, 2011 (Scopus)

6. **Applications of Euler Seidel matrices**

DİL A., KURT V.

Advanced Studies in Contemporary Mathematics, vol.18, no.2, pp.219-233, 2009 (Scopus)

7. **Algorithms for Bernoulli and Allied Polynomials**

DİL A., KURT V., CENKÇİ M.

JOURNAL OF INTEGER SEQUENCES, vol.10, no.5, pp.754, 2007 (Scopus)

## Books & Book Chapters

1. **Yalnızca Sayıları Seven Adam**

Dil A., Kömürcü D.

Nika Yayınevi, New York, 2021

2. **Matematiğin Sihirli Dünyası**

Dil A.

Nika Yayınevi, New York, 2018

## Refereed Congress / Symposium Publications in Proceedings

1. **Applications of derivative and difference operators on some sequences**

DİL A., MUNİROĞLU E.

Journées Arithmétiques XXXI, İstanbul, Turkey, 1 July - 05 January 2019

2. **Some sequences related to the special values of the Riemann zeta function**

DİL A.

International Conference on Number Theory: Dedicated to the 70th Birthdays of Professors ANTANAS LAURINCİKAS and EUGENIJUS MANSTAVICIUS, Palang, Bangladesh, 9 - 15 September 2018

3. **Evaluation of Euler-like sums via Hurwitz zeta values**

DİL A.

23rd Czech and Slovak International Conference on Number Theory, Ostravice, Czech Republic, 28 August - 01 September 2017

4. **Euler tipi toplamların Hurwitz zeta değerleri ile ilişkisi**

DİL A.

29. Ulusal Matematik Sempozyumu, Mersin, Turkey, 28 - 31 August 2016

5. **Shifted Euler Seidel Matrices**

DİL A., ÇETİN FİRENGİZ M.

Seventeenth International Conference on Fibonacci Numbers and Their Applications, Caen, France, 27 June - 02 July 2016

6. **Generalized Geometric Polynomials: and Applications to Series with Zeta Values**  
DİL A., Boyadzhiev K. N.  
DIMACOS' 15 - Conference-School on Discrete Mathematics and Computer Science, Sidi Bel Abbès, Algeria, 15 - 19 November 2015
7. **Geometric Polynomials Properties and Applications to Series with Zeta Values**  
DİL A., Boyadzhiev K. N.  
29th Journées Arithmétiques JA 2015, Debrecen, Hungary, 6 - 10 July 2015
8. **Hyperharmonic series involving multiple Hurwitz zeta function**  
DİL A.  
International Conference on Algebra and Number Theory, Samsun, Turkey, 5 - 08 August 2014
9. **Series with Hermite Polynomials and Applications**  
DİL A.  
7th International Conference on Elementary and Analytic Number Theory (Elementare und Analytische Zahlentheorie - ELAZ), Hildesheim, Germany, 28 July - 01 August 2014
10. **Harmonik sayılarla ilgili polinomlar ve harmonik sayı serilerinin hesaplanması**  
DİL A.  
9. Ankara Matematik Günleri, Ankara, Turkey, 12 - 13 June 2014
11. **Hiperharmonik sayılar ve Euler Toplamları**  
DİL A.  
26. Ulusal Matematik Sempozyumu, Diyarbakır, Turkey, 4 - 07 September 2013
12. **Euler-Seidel Metodun Pell Sayıları için Uygulanması**  
ÇETİN M., DİL A.  
26. Ulusal Matematik Sempozyumu, Diyarbakır, Turkey, 4 - 07 September 2013
13. **On The Hyperharmonic Function**  
DİL A.  
28th Journées Arithmétiques- JA 2013, Grenoble, France, 1 - 05 July 2013
14. **Geometric and exponential polynomials and their generalizations**  
DİL A.  
6th International Conference on Elementary and Analytic Number Theory (Elementare und Analytische Zahlentheorie - ELAZ), Lichtenfels, Germany, 13 - 18 August 2012
15. **Transformation formulas and Fibonacci numbers.**  
DİL A.  
Fifteenth International Conference on Fibonacci Numbers and Their Applications, Eger, Hungary, 25 - 30 June 2012
16. **Bazı özel polinomların ve sayıların Euler-Seidel Algoritması yardımıyla incelenmesi.**  
DİL A., KURT V.  
22. Ulusal Matematik Sempozyumu, İzmir, Turkey, 31 August - 03 September 2009
17. **On the q-trigonometric, q-hyperbolic functions**  
DİL A., KURT V.  
The 20th International Congress of Jangjeon Mathematical Society, Bursa, Turkey, 21 - 23 August 2008

## Other Publications

1. **Harmonik Serinin Iraksaklığı, Matematik Dünyası**  
ALİYEV İ., DİL A.  
Other, pp.31-38, 2012
2. **XIII. Ulusal Antalya Matematik Olimpiyatı, ikinci aşama sınavı (çözümler) -2008, Matematik Dünyası**  
ALİYEV İ., ÖZDEMİR M., DİL A.  
Other, pp.87-90, 2008
3. **XIII. Ulusal Antalya Matematik Olimpiyatı, Birinci Aşama Sınav Soruları -2008, Matematik Dünyası**

ALİYEV İ., ÖZDEMİR M., DİL A.

Other, pp.91-92, 2008

4. **Asalların Sonsuzluğunun Yeni Bir Kanıtı (Daha!)**

DİL A.

Other, pp.69, 2007

## Academic and Administrative Experience

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2023 - Continues	<b>Deputy Head of Department</b>	Akdeniz University, Faculty Of Science, Department of Mathematics
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## Courses

Ayrık Matematik, Undergraduate, 2022 - 2023

Matematik II, Undergraduate, 2022 - 2023

İleri Karmaşık Analiz II, Postgraduate, 2022 - 2023

Analitik Fonksiyonlar Teorisinde Seçme Konular I, Postgraduate, 2023 - 2024, 2020 - 2021

Bitirme Çalışması II, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021

Analiz II (Şube 1), Undergraduate, 2021 - 2022

Bitirme Çalışması I, Undergraduate, 2022 - 2023

Harmonik Analizden Seçme Konular, Doctorate, 2021 - 2022

Analiz I (2. Şube), Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020

Analiz II (Şube 2), Undergraduate, 2021 - 2022

Diferansiyel Denklemler, Undergraduate, 2022 - 2023

Matematik I, Undergraduate, 2022 - 2023

İleri Karmaşık Analiz I, Postgraduate, 2022 - 2023

Bitirme Çalışması II, Undergraduate, 2021 - 2022

Analiz II (1. şube), Undergraduate, 2020 - 2021, 2019 - 2020

Analiz I (1. Şube), Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020

Bitirme Çalışması II, Undergraduate, 2020 - 2021, 2019 - 2020, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012

Analiz I (Şube 2), Undergraduate, 2021 - 2022

Danışmanlık, Postgraduate, 2021 - 2022

Yüksek Lisans Tezi, Postgraduate, 2020 - 2021

Bitirme Çalışması I, Undergraduate, 2021 - 2022

Yüksek Lisans Tezi, Postgraduate, 2021 - 2022

Analitik Fonksiyonlar Teorisinde Seçme Konular II, Postgraduate, 2020 - 2021, 2019 - 2020

Analiz II (2. Şube), Undergraduate, 2020 - 2021, 2019 - 2020

Doktora Tezi, Doctorate, 2020 - 2021, 2019 - 2020

Danışmanlık, Postgraduate, 2020 - 2021, 2019 - 2020, 2014 - 2015, 2013 - 2014, 2012 - 2013

Danışmanlık, Doctorate, 2020 - 2021, 2019 - 2020, 2014 - 2015

Analiz I (Şube 1), Undergraduate, 2021 - 2022

Uzmanlık Alan Dersi, Postgraduate, 2020 - 2021, 2019 - 2020

Bitirme Çalışması I, Undergraduate, 2020 - 2021, 2019 - 2020, 2014 - 2015, 2012 - 2013, 2011 - 2012

Seminer I, Postgraduate, 2020 - 2021

Danışmanlık, Doctorate, 2018 - 2019, 2016 - 2017

Yüksel Lisans Tezi, Postgraduate, 2018 - 2019, 2017 - 2018

Reel Analiz II, Undergraduate, 2018 - 2019, 2017 - 2018

Ayrık Matematik Şube I, Undergraduate, 2018 - 2019, 2017 - 2018

Doktora Tezi, Doctorate, 2018 - 2019  
Uzmanlık Alan Dersi, Doctorate, 2018 - 2019, 2016 - 2017  
Bitirme Çalışması II, Undergraduate, 2018 - 2019, 2017 - 2018  
Danışmanlık, Postgraduate, 2018 - 2019, 2017 - 2018  
Ayrık Matematik Şube II, Undergraduate, 2018 - 2019, 2017 - 2018  
Çarpımsal Sayılar Teorisi, Doctorate, 2017 - 2018  
Danışmanlık, Postgraduate, 2018 - 2019  
Bitirme Çalışması I, Undergraduate, 2018 - 2019, 2017 - 2018  
Uzmanlık Alan Dersi, Postgraduate, 2018 - 2019  
Danışmanlık, Doctorate, 2018 - 2019  
Diferansiyel Denklemler Şube II, Undergraduate, 2018 - 2019  
Diferansiyel Denklemler Şube I, Undergraduate, 2018 - 2019  
Analitik Sayılar Teorisine Giriş, Doctorate, 2018 - 2019, 2017 - 2018  
Uzmanlık Alan Dersi, Postgraduate, 2017 - 2018  
Reel Analiz I, Undergraduate, 2018 - 2019, 2017 - 2018  
Bilgisayar Teknolojileri Kullanımı, Undergraduate, 2017 - 2018  
Doktora Tezi, Doctorate, 2018 - 2019  
Danışmanlık, Doctorate, 2017 - 2018  
Sayılar Teorisine Giriş, Undergraduate, 2017 - 2018, 2016 - 2017, 2012 - 2013, 2011 - 2012  
Matematik II, Undergraduate, 2016 - 2017  
Danışmanlık, Doctorate, 2017 - 2018  
Matematik II, Undergraduate, 2016 - 2017  
Bitirme Çalışması II (2. öğretim), Undergraduate, 2016 - 2017  
Danışmanlık, Doctorate, 2016 - 2017  
Danışmanlık, Postgraduate, 2017 - 2018  
Bitirme Çalışması II, Undergraduate, 2016 - 2017  
Uzmanlık Alan Dersi, Doctorate, 2017 - 2018  
Diferansiyel Denklemler I, Undergraduate, 2017 - 2018, 2013 - 2014  
Diferansiyel Denklemler II, Undergraduate, 2014 - 2015  
Matematikte Uzmanlık Alan Dersi, Doctorate, 2014 - 2015  
Sayılar Teorisine Giriş (2. öğretim), Undergraduate, 2014 - 2015  
Sayılar Teorisine Giriş, Undergraduate, 2014 - 2015  
Bitirme Çalışması II (2. öğretim), Undergraduate, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012  
Diferansiyel Denklemler II (2. öğretim), Undergraduate, 2014 - 2015  
Hipergeometrik serilere giriş, Doctorate, 2014 - 2015  
Diferansiyel Denklemler , Undergraduate, 2014 - 2015  
Seminer, Postgraduate, 2013 - 2014  
Diferansiyel Denklemler I (2. öğretim), Undergraduate, 2014 - 2015  
Diferansiyel Denklemler , Undergraduate, 2014 - 2015  
Bitirme Çalışması I (2. öğretim), Undergraduate, 2014 - 2015, 2012 - 2013  
Diferansiyel Denklemler II, Undergraduate, 2013 - 2014  
Analitik Kombinatorik, Doctorate, 2014 - 2015  
Matematikte Uzmanlık Alan Dersi, Postgraduate, 2013 - 2014, 2012 - 2013  
Diferansiyel Denklemler II (2. öğretim), Undergraduate, 2013 - 2014  
Diferansiyel Denklemler I, Undergraduate, 2014 - 2015  
Genel Matematik 2, Undergraduate, 2013 - 2014  
Bitirme Çalışması I (2. öğretim), Undergraduate, 2013 - 2014  
Genel Matematik 1, Undergraduate, 2013 - 2014, 2012 - 2013  
Özel Fonksiyonlar II, Postgraduate, 2012 - 2013  
Sayılar Teorisine Giriş (2. öğretim), Undergraduate, 2012 - 2013, 2011 - 2012  
Özel Fonksiyonlar I, Postgraduate, 2013 - 2014



Bitirme Çalışması I, Undergraduate, 2013 - 2014  
Diferansiyel Denklemler I (2. öğretim), Undergraduate, 2013 - 2014  
Matematik I, Undergraduate, 2011 - 2012  
Özel Fonksiyonlar I, Postgraduate, 2012 - 2013  
Matematik I (2. öğretim), Undergraduate, 2012 - 2013  
Mühendislik Matematiği, Undergraduate, 2011 - 2012  
Matematik I (2. öğretim), Undergraduate, 2012 - 2013  
Mühendislik Matematiği, Undergraduate, 2011 - 2012  
Mühendislik Matematiği, Undergraduate, 2011 - 2012  
Mühendislik Matematiği, Undergraduate, 2011 - 2012  
Mühendislik Matematiği, Undergraduate, 2011 - 2012

## Advising Theses

Dil A., Ters faktöriyel serileri, Postgraduate, B.BUDAK(Student), 2023  
Dil A., Kombinatoriyel evrik dönüşümlerle özel bazı sayı dizilerinin analizi, Postgraduate, H.AHMED(Student), 2022  
Dil A., BAZI DEJENERE ÖZEL SAYILAR VE POLİNOMLAR, Doctorate, S.Bilgiç(Student), 2021  
Dil A., Türev ve Fark Operatörlerinin Dizi ve Seri Analizindeki Uygulamaları, Postgraduate, E.Muniroğlu(Student), 2018  
Dil A., Riordan Sıraları Yöntemi Üzerine, Postgraduate, Ö.Koyuncuoğlu(Student), 2014

## Memberships / Tasks in Scientific Organizations

American Mathematical Society, Member, 2010 - Continues  
Türk Matematik Derneği, Member, 2007 - Continues

## Scientific Refereeing

AMS Mathematical Reviews, Other journals, April 2017  
Turkish Journal of Mathematics, SCI Journal, April 2017  
Turkish Journal of Mathematics, SCI Journal, February 2017  
AMS Mathematical Reviews, Other journals, February 2017  
Applicable Analysis and Discrete Mathematics, SCI Journal, January 2017  
Mathematical Sciences and Applications E-Notes, Other Indexed Journal, December 2016  
Boletín de la Sociedad Matemática Mexicana, Tercera Serie, Other Indexed Journal, November 2016  
Cogent Mathematics, Other journals, March 2015  
Journal deThéorie des Nombres de Bordeaux, SCI Journal, February 2015  
AMS Mathematical Reviews, Other journals, January 2015  
Applied Mathematics and Computation, SCI Journal, October 2014  
AMS Mathematical Reviews, Other journals, January 2014  
Journal of Integer Sequences, Other Indexed Journal, January 2014  
World Journal of Modeling and Simulation, Other Indexed Journal, September 2013  
International Journal of the Physical Sciences, Other Indexed Journal, June 2013  
AMS Mathematical Reviews, Other journals, June 2013  
The Electronic Journal of Combinatorial Number Theory, Other Indexed Journal, May 2013  
Applicable Analysis and Discrete Mathematics, SCI Journal, March 2013  
AMS Mathematical Reviews, Other journals, January 2013  
Journal of Integer Sequences, Other Indexed Journal, January 2013  
Journal of Integer Sequences, Other Indexed Journal, March 2012

## Metrics

Publication: 47

Citation (WoS): 206

Citation (Scopus): 273

H-Index (WoS): 8

H-Index (Scopus): 9

## Congress and Symposium Activities

Journées Arithmétiques XXXI, Attendee, İstanbul, Turkey, 2019

Journées Arithmétiques XXXI, Session Moderator, İstanbul, Turkey, 2019

International Conference on Number Theory: Dedicated to the 70th Birthdays of Professors ANTANAS LAURINCİKAS and EUGENIJUS MANSTAVICIUS, Attendee, Plunge, Lithuania, 2018

23rd Czech and Slovak International Conference on Number Theory, Attendee, Ostrava, Czech Republic, 2017

29th National Mathematics Symposium, Attendee, Mersin, Turkey, 2016

Seventeenth International Conference on Fibonacci Numbers and Their Applications, Attendee, Caen, France, 2016

Conference-School on Discrete Mathematics and Computer Science (DIMACOS), Attendee, Sidi Ban-Al-Abbass, Algeria, 2015

29th Journées Arithmétiques JA 2015, Attendee, Debrecen, Hungary, 2015

International Conference on Algebra and Number Theory, Session Moderator, Samsun, Turkey, 2014

International Conference on Algebra and Number Theory, Attendee, Samsun, Turkey, 2014

Elementary and Analytic Number Theory (ELAZ), Attendee, Hildesheim, Germany, 2014

9. Ankara Mathematics Days, Attendee, Ankara, Turkey, 2014

XXVI. National Mathematics Symposium, Attendee, Diyarbakır, Turkey, 2013

28th Journées Arithmétiques, Attendee, Grenoble, France, 2013

Elementary and Analytic Number Theory (ELAZ), Attendee, Schney, Germany, 2012

Fifteenth International Conference on Fibonacci Numbers and Their Applications, Attendee, Eger, Hungary, 2012

Conference on Number Theory, Arithmetic and Algebraic Geometry, Attendee, Güzelyurt, Cyprus (Kktc), 2010

XXII. National Mathematics Symposium, Attendee, İzmir, Matematik Köyü, Turkey, 2009

Information Security and Cryptology Conference, Attendee, Ankara, Turkey, 2007

Solvability of Diophantine Equations, Attendee, Leiden, Netherlands, 2007

## Research Areas

Mathematics, Sequences, Series, Summability, Functions of a Complex Variable, Special Functions, Number Theory, Natural Sciences