

## Assoc. Prof. SİNEM SEZER EVCAN

### Personal Information

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**Address:** AKDENİZ ÜNİVERSİTESİ EĞİTİM FAKÜLTESİ MATEMATİK EĞİTİMİ ABD. 07058 ANTALYA

### Foreign Languages

English, B2 Upper Intermediate

### Dissertations

Doctorate, GENELLEŞMİŞ KAYMA OPERATÖRÜNÜN DOĞURDUĞU PARABOLİK POTANSİYELLER UZAYI, Akdeniz University, Faculty of Science, Department of Mathematics, 2005

Postgraduate, NOETHERİAN MODÜLLER, Akdeniz University, Faculty of Science, Department of Mathematics, 1998

### Research Areas

Mathematics, Functional Analysis, Natural Sciences

### Academic Titles / Tasks

Associate Professor, Akdeniz University, Faculty Of Education, Mathematics And Science Education, 2013 - Continues

Assistant Professor, Akdeniz University, Faculty Of Education, Department Of Secondary School Science And Mathematics Branch Education, 2006 - 2013

Research Assistant, Akdeniz University, Faculty Of Science, Department Of Mathematics, 1995 - 2005

### Academic and Administrative Experience

Assistant Director of the Institute, Akdeniz University, Faculty of Education, Ofmae, 2012 - 2014

Akdeniz University, Faculty of Education, Ofmae, 2011 - 2013

Akdeniz University, Faculty of Education, Ofmae, 2006 - 2012

### Courses

KONU ALANI DERS KİTABI İNCELEME, Undergraduate, 2017 - 2018, 2018 - 2019, 2019 - 2020, 2020 - 2021, 2021 - 2022

MATEMATİK EĞİTİMİNDE GÜNCEL ARAŞTIRMALAR II, Postgraduate, 2020 - 2021

TOPLUMA HİZMET UYGULAMALARI, Undergraduate, 2018 - 2019, 2019 - 2020, 2020 - 2021

ANALİZ II, Undergraduate, 2018 - 2019, 2019 - 2020, 2020 - 2021

ANALİZ I, Undergraduate, 2019 - 2020, 2020 - 2021, 2021 - 2022

GENEL MATEMATİK I, Undergraduate, 2021 - 2022

MATEMATİK EĞİTİMİNDE GÜNCEL ARAŞTIRMALAR I, Postgraduate, 2020 - 2021, 2021 - 2022

ÖĞRETMENLİK UYGULAMASI, Undergraduate, 2016 - 2017, 2017 - 2018, 2018 - 2019, 2019 - 2020, 2020 - 2021

ANALİZ III, Undergraduate, 2019 - 2020, 2020 - 2021, 2021 - 2022

GENEL MATEMATİK II, Undergraduate, 2018 - 2019, 2019 - 2020

OKUL DENEYİMİ, Undergraduate, 2015 - 2016, 2016 - 2017, 2017 - 2018, 2018 - 2019, 2019 - 2020, 2020 - 2021

ÖZEL ÖĞRETİM YÖNTEMLERİ , Undergraduate, 2016 - 2017

## Advising Theses

SEZER EVCAN S., Matematik Kabiliyeti Yüksek Ortaokul Öğrencilerinin Matematik Olimpiyatları Doğrultusunda Hazırlanmaları Üzerine Bir Çalışma, Postgraduate, S.ÇÖMLEK(Student), 2016

SEZER EVCAN S., İlköğretim İkinci Kademe Öğrencileri için Matematik Öz-Bildirim Envanterinin Geliştirilmesi ve Çeşitli Değişkenler Açısından İncelenmesi, Postgraduate, A.AKIN(Student), 2011

## Jury Memberships

Post Graduate, Post Graduate, Akdeniz Üniversitesi, July, 2021

Post Graduate, Post Graduate, Akdeniz Üniversitesi, June, 2021

Post Graduate, Post Graduate, Akdeniz Üniversitesi, August, 2019

Doctorate, Doctorate, Akdeniz Üniversitesi, July, 2017

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Akdeniz Üniversitesi, February, 2017

Post Graduate, Post Graduate, Akdeniz Üniversitesi, July, 2016

Post Graduate, Post Graduate, Akdeniz Üniversitesi, June, 2011

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

- I. **THE SHARPER VERSION FOR GENERALIZED POWER MEAN INEQUALITIES WITH NEGATIVE EXPONENT**  
Tmaztepe R., Tmaztepe G., Eken Z., Sezer S., Kemali S., Yeşilce Işık İ., Sezer Evcan S.  
JOURNAL OF MATHEMATICAL INEQUALITIES, vol.17, pp.1-12, 2022 (Journal Indexed in SCI Expanded)
- II. **The Ostrowski inequality for s-convex functions in the third sense**  
Tmaztepe G., Sezer S., Eken Z., Sezer Evcan S.  
AIMS MATHEMATICS, vol.7, no.4, pp.5605-5615, 2022 (Journal Indexed in SCI Expanded)
- III. **The convergence rate of truncated hypersingular integrals generated by the modified Poisson semigroup**  
ERYİĞİT M., Evcan S., ÇOBANOĞLU S.  
JOURNAL OF INEQUALITIES AND APPLICATIONS, vol.2020, no.1, 2020 (Journal Indexed in SCI)
- IV. **A Balakrishnan-Rubin type hypersingular integral operator and inversion of Flett potentials**  
Evcan S., ERYİĞİT M., ÇOBANOĞLU S.  
HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, vol.49, no.4, pp.1405-1413, 2020 (Journal Indexed in SCI)
- V. **The Development of a Mathematics Self-Report Inventory for Turkish Elementary Students**  
Akn A., Güzeller C. O. , Sezer Evcan S.  
Eurasia Journal Of Mathematics Science And Technology Education, vol.12, no.9, pp.2373-2386, 2016 (Journal Indexed in SSCI)
- VI. **On the Gauss-Weierstrass Summability of Multiple Trigonometric Series at mu-smoothness Points**

- Sezer S., Aliev I. A.  
ACTA MATHEMATICA SINICA-ENGLISH SERIES, vol.27, no.4, pp.741-746, 2011 (Journal Indexed in SCI)
- VII. **On approximation properties of bi-parametric parabolic type potentials**  
Bayrakçı S., Sezer S.  
PUBLICATIONES MATHEMATICAE-DEBRECEN, vol.78, no.1, pp.127-139, 2011 (Journal Indexed in SCI)
- VIII. **A new characterization of the Riesz potential spaces with the aid of a composite wavelet transform**  
Sezer S., Aliev I. A.  
JOURNAL OF MATHEMATICAL ANALYSIS AND APPLICATIONS, vol.372, no.2, pp.549-558, 2010 (Journal Indexed in SCI)
- IX. **An integral transform associated to the Poisson integral and inversion of Flett potentials**  
Aliev I. A. , Sezer S., Eryigit M.  
JOURNAL OF MATHEMATICAL ANALYSIS AND APPLICATIONS, vol.321, no.2, pp.691-704, 2006 (Journal Indexed in SCI)
- X. **On spaces of parabolic potentials associated with the singular heat operator**  
Sezer Evcan S., Aliyev İ.  
Turkish Journal Of Mathematics, vol.29, pp.299-314, 2005 (Journal Indexed in SCI Expanded)

## Articles Published in Other Journals

- I. **Integral Inequalities for Functions Satisfying Certain Convexity Conditions**  
Kemali S., Eken Z., Sezer S., Sezer Evcan S.  
International Journal of Nonlinear Analysis and Applications, vol.14, pp.1-15, 2022 (Journal Indexed in ESCI)
- II. **Some Integral Inequalities for the Product of s-Convex Functions in the Fourth Sense**  
Kemali S., Sezer Evcan S., Yeşilce İ., Adilov G.  
International Journal of Nonlinear Analysis and Applications, vol.1, pp.1-15, 2022 (Journal Indexed in ESCI)
- III. **MESLEK LİSELERİ ZORUNLU MATEMATİK DERSİ ÖĞRETİM PROGRAMLARININ KARŞILAŞTIRILMASI: TÜRKİYE VE FİNLANDİYA**  
Tınaztepe G., Kemali S., Sezer Evcan S.  
Bolu Abant İzzet Baysal Üniversitesi Eğitim Fakültesi Dergisi, no.4, pp.1-16, 2021 (International Refereed University Journal)
- IV. **The Rate of Convergence of Truncated Hypersingular Integrals Generated by the Generalized Poisson Semigroup**  
SEZER EVCAN S., ERYİĞİT M., ÇOBANOĞLU S.  
Researches in Mathematics, pp.29-42, 2020 (Refereed Journals of Other Institutions)
- V. **TÜBİTAK 4004-Doğa Eğitimi ve Bilim Okulları Kapsamında 7. Sınıf Öğrencilerine Yönelik Gerçekleştirilen "Hayatımızdaki Matematik: Tarım" Projesinin Değerlendirilmesi**  
SEZER EVCAN S., ADILOV G., EKEN Z., SEZER S., KEMALİ S., TINAZTEPE G.  
Uluslararası Eğitim Araştırmacıları Dergisi, vol.3, no.1, pp.28-41, 2020 (Refereed Journals of Other Institutions)
- VI. **Flett Potential Spaces and a Weighted Wavelet-Like Transform**  
SEZER EVCAN S., BARUT S.  
International Journal of Applied Physics and Mathematics, vol.10, no.3, pp.112-122, 2020 (Refereed Journals of Other Institutions)
- VII. **Teachers' Opinions About Dyscalculia Seen in the Students Between the Ages of 6-14**  
Sezer Evcan S., Akın A.  
e-İlköğretim Online (elektronik), no.2, pp.757-775, 2011 (Other Refereed National Journals)
- VIII. **On Approximation Properties of the Families of Flett and Generalized Flett Potentials**  
Sezer Evcan S.  
Int. J. Math. Analysis, pp.1905-1915, 2009 (Refereed Journals of Other Institutions)
- IX. **An inversion Formula for the Generalized Flett Potentials, International Journal of Mathematics and Computation**

SEZER S.

International Journal of Mathematics and Computation, vol.2, pp.115-125, 2009 (Refereed Journals of Other Institutions)

X. **Composite wavelet transforms: Applications and perspectives**

Rubin B., Aliyev İ., Sezer S., Bayrakçı S.

RADON TRANSFORMS, GEOMETRY, AND WAVELETS, vol.464, no.null, pp.1, 2008 (Refereed Journals of Other Institutions)

XI. **On order of non-tangential convergence of the meta-harmonic semigroup (Russian)**

ALİYEV İ., Shafiev M., SEZER S.

Akad. Nauk Azerbaidzhan, Dokl, vol.LXI, pp.10-15, 2005 (Refereed Journals of Other Institutions)

## Books & Book Chapters

I. **Composite Wavelet Transforms: Applications and Perspectives**

ALİYEV İ., Rubin B., SEZER S., BAYRAKÇI S.

in: Contemporary Mathematics, Radon Transforms, Geometry, and Wavelets, DeTurck D., Andrews G., Klein A., Editor, Amer. Math. Soc., Providence, RI, Rhode Island, pp.1-25, 2008

## Refereed Congress / Symposium Publications in Proceedings

I. **TÜBİTAK 4004 DOĞA EĞİTİMİ VE BİLİM OKULLARI KAPSAMINDA GERÇEKLEŞTİRİLEN**

**"HAYATIMIZDAKİ MATEMATİK: TARIM" PROJESİNİN DEĞERLENDİRİLMESİ**

SEZER EVCAN S., ADİLOV G., TINAZTEPE G., BARUT S., KEMALİ S., EKEN Z.

5th International Congress on Education, Distance Education and Educational Technology- ICDET, Antalya, Turkey, 29 - 30 November 2019

II. **Türkiye, Finlandiya ve Almanya meslek okulları matematik programlarının karşılaştırılması**

KEMALİ S., TINAZTEPE G., SEZER EVCAN S.

IV. Academic Research Congress INES-2018, Antalya, Turkey, 30 October - 03 November 2018, pp.590

III. **Meslek Okullarında Okutulan Matematik Müfredatının Karşılaştırılması: Türkiye ve Finlandiya**

Tınaztepe G., KEMALİ S., Sezer Evcan S.

Vith International Eurasian Educational Research Congress, Antalya, Turkey, 2 - 05 May 2018, pp.15

IV. **Stress Coping Strategies of Students of Master's Program Without Thesis and Determining Depression Levels**

GÜZELLER C. O. , NASIRCILAR A. G. , SEZER S.

WCCI 13th World Conference in Education., Antalya, Turkey, 2 - 06 September 2008, pp.601-617

V. **Composite wavelet transforms: Applications and perspectives**

ALİYEV İ., Rubin B., Sezer S., Uyhan S.

Special Session on Radon Transforms, Geometry, and Wavelets held at the AMS Annual Meeting, Louisiana, United States Of America, 7 - 08 January 2007, vol.464, pp.1-4

## Other Publications

I. **Teleskopik Formül ve Uygulamaları, Matematik Dünyası**

ALİYEV İ., SEZER S.

Other, pp.58-61, 2010

II. **Yeniden Düzenleme eşitsizliği ve Uygulamaları, Matematik Dünyası**

ALİYEV İ., SEZER S.

Other, pp.61-63, 2007

## Supported Projects

Sezer Evcan S., Tinaztepe G., Kemali S., Eken Z., Sezer S., Adilov G., TUBITAK Project, HAYATIMIZDAKİ MATEMATİK: TARIM, 2019 - 2019

Adilov G., Tinaztepe G., Sezer Evcan S., Sezer S., Kemali S., Eken Z., TUBITAK Project, Hayatımızdaki Matematik: Tarım, 2018 - 2018

## Activities in Scientific Journals

Bilim Armonisi, Committee Member, 2020 - Continues

## Scientific Refereeing

Bilim Armonisi, Other Journals, June 2019

## Scientific Consultations

AKDENİZ ÜNİVERSİTESİ EĞİTİM FAKÜLTESİ, Other, Akdeniz University, Faculty Of Education, Mathematics And Science Education, Turkey, 2016 - Continues

## Edit Congress and Symposium Activities

5th International Congress on Education, Distance Education and Educational Technology- ICDET, Attendee, Antalya, Turkey, 2019

Education, Distance Education and Technology-ICDET, Antalya, Kasım 2019, Attendee, Antalya, Turkey, 2019

4th International Conference for Theory and Practice in Education,, Attendee, Budapest, Hungary, 2011

Bulgarian-Turkish-Ukrainian Scientific Conference Mathematical Analysis,Differential Equations and their Applications,, Attendee, Burgas, Bulgaria, 2010

14th International Congress on Computational and Applied Mathematics, Attendee, Antalya, Turkey, 2009

5th International Workshop on Applications of Wavelets to Real World Problems,, Attendee, Kocaeli, Turkey, 2009

Mathematical Analysis Differential Equations and their Applications, Attendee, Gazimagusa, Cyprus (Kkct), 2008

The 20th International Congress of Jangjeon Mathematical Society, Attendee, Bursa, Turkey, 2008

XVIII. Ulusal Matematik Sempozyumu, İstanbul, Eylül 2005, Attendee, İstanbul, Turkey, 2005

16th International Conference of Jangjeon Mathematical Society, Attendee, Antalya, Turkey, 2005

Dynamical Systems and Applications,, Attendee, Antalya, Turkey, 2004

XV. Ulusal Matematik Sempozyumu , Mersin, Eylül 2002, Attendee, Mersin, Turkey, 2002

XI. Ulusal Matematik Sempozyumu, Attendee, Isparta, Turkey, 1998

## Citations

Total Citations (WOS):38

h-index (WOS):4