

Assoc. Prof. Ayşe Sandıkçı

Personal Information

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International Researcher IDs

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Yoksis Researcher ID: 18715

Education Information

Doctorate, Ondokuz Mayıs University, Fen Bilimleri Enstitüsü, Matematik (Dr), Turkey 2004 - 2007

Postgraduate, Ondokuz Mayıs University, Fen Bilimleri Enstitüsü, Matematik (YI) (Tezli), Turkey 2001 - 2004

Undergraduate, Ondokuz Mayıs University, Fen-Edebiyat Fakültesi, Matematik Bölümü, Turkey 1994 - 1998

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, $M(p,q,w)(R_d)$ uzayı üzerinde gabor analizi ve sobolev-shubin uzayının bir genelleştirilmesi, Ondokuz Mayıs University, Fen Bilimleri Enstitüsü, Matematik (Dr), 2007

Postgraduate, $Sw(G)$, $Aw(G)$, $8486p-m(R_d)$ uzayları ve bazı özellikleri, Ondokuz Mayıs University, Fen Bilimleri Enstitüsü, Matematik (YI) (Tezli), 2004

Academic Titles / Tasks

Associate Professor, Ondokuz Mayıs University, Fen-Edebiyat Fakültesi, Matematik Bölümü, 2017 - Continues

Assistant Professor, Ondokuz Mayıs University, Fen-Edebiyat Fakültesi, Matematik Bölümü, 2008 - Continues

Assistant Professor, University Of Torino, Misafir Öğretim Üyesi, Matematik Bölümü, 2010 - 2010

Research Assistant, Ondokuz Mayıs University, Fen-Edebiyat Fakültesi, Matematik Bölümü, 2001 - 2008

Academic and Administrative Experience

Ondokuz Mayıs University, 2009 - 2010

Courses

KARMAŞIK İŞLEVLER VE DÖNÜŞÜMLER (ELK.ELEKT. MÜH.), Undergraduate, 2016 - 2017, 2013 - 2014

TEZ YÖNETİMİ, Doctorate, 2016 - 2017, 2015 - 2016

UZMANLIK ALAN DERSİ, Doctorate, 2016 - 2017
MATEMETİK I (MÜH. FAK. I. GRUP), Undergraduate, 2016 - 2017, 2015 - 2016
Matematik II (TBD I), Undergraduate, 2016 - 2017
MATEMETİK I (MÜH. FAK. II. GRUP), Undergraduate, 2016 - 2017, 2015 - 2016
UZMANLIK ALAN DERSİ (DOKTORA), Doctorate, 2016 - 2017, 2015 - 2016
MATEMATİK II (TBDII), Undergraduate, 2016 - 2017
Analiz III (Eğt. Fakültesi), Undergraduate, 2015 - 2016
MATEMATİK II (MÜH.FAK. II. GRUP), Undergraduate, 2015 - 2016, 2014 - 2015
MATEMETİK II (MÜH. FAK. I. GRUP), Undergraduate, 2015 - 2016
TEMEL MATEMATİK (SAĞLIK YÜKSEK OKULU), Undergraduate, 2015 - 2016, 2011 - 2012, 2010 - 2011
ANALİZ IV (EĞT. FAKÜLTESİ), Undergraduate, 2015 - 2016
Matematik II (Müh.Fak. II. Öğrt. II. Grup), Undergraduate, 2014 - 2015
Matematik II (Müh.Fak.II. Öğrt. I. Grup), Undergraduate, 2014 - 2015
Matematik II (Müh.Fak. I. Grup), Undergraduate, 2014 - 2015
Matematik I (II. Öğrt. II.Grup), Undergraduate, 2014 - 2015
MATEMATİK I (Müh.Fak.) (II. Grup), Undergraduate, 2014 - 2015
Matematik I (Müh.Fak.) (I. grup), Undergraduate, 2014 - 2015
Matematik I (II. Öğrt. I. Grup), Undergraduate, 2014 - 2015
Matematik II (Elk.Elekt. Müh.), Undergraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012
İleri Analiz I (Seçmeli) (II. Öğretim), Undergraduate, 2013 - 2014
Matematik I (Elk.Elekt. Müh.), Undergraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012
Matematik I (Çevre Müh.) (II. Öğretim), Undergraduate, 2013 - 2014
Uzmanlık Alan Dersi, Postgraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012
Tez Danışmanlığı, Postgraduate, 2013 - 2014
Matematik II (ÇevreMüh.) (I. Öğretim), Undergraduate, 2013 - 2014
Matematik II (Harita Müh.) (I. Öğretim), Undergraduate, 2013 - 2014, 2012 - 2013
İleri Analiz II (Eğt.Fak.Orta Öğr.Mat.Öğr.), Undergraduate, 2013 - 2014, 2012 - 2013
Tez Yönetimi, Postgraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012
Matematik I (Çevre Müh.) (I. Öğretim), Undergraduate, 2013 - 2014
İleri Analiz I (Eğt.Fak.Orta Öğr.Mat.Öğr.), Undergraduate, 2013 - 2014
Matematik II (Çevre Müh.) (II. Öğretim), Undergraduate, 2013 - 2014
Matematik II (Harita Müh.) (II. Öğretim), Undergraduate, 2013 - 2014, 2012 - 2013
Matematik II (Fizik Böl.), Undergraduate, 2012 - 2013, 2011 - 2012, 2010 - 2011
İleri Analiz I (Orta Öğr.Mat.Öğr.), Undergraduate, 2012 - 2013
Matematik II (İnşaat Müh.) (I. Öğretim), Undergraduate, 2012 - 2013, 2011 - 2012
Matematik I (Harita Müh.) (I. Öğretim), Undergraduate, 2012 - 2013
Matematik I (Harita Müh.) (II. Öğretim), Undergraduate, 2012 - 2013
Matematik I (İnşaat Müh.) (II. Öğretim), Undergraduate, 2012 - 2013, 2011 - 2012
Matematik II (İnşaat Müh.) (II. Öğretim), Undergraduate, 2012 - 2013, 2011 - 2012
Matematik I (Fizik Böl.), Undergraduate, 2012 - 2013, 2011 - 2012
Temel Matematik (Sağlık Y.O.), Undergraduate, 2012 - 2013
Matematik I (İnşaat Müh.) (I. Öğretim), Undergraduate, 2012 - 2013, 2011 - 2012
Fonksiyonel Analiz II, Postgraduate, 2011 - 2012
Matematik II (Makine Müh.) (II. Öğretim), Undergraduate, 2011 - 2012
Matematik I (Makine Müh.) (I. Öğretim), Undergraduate, 2011 - 2012
Matematik I (Makine Müh.) (II. Öğretim), Undergraduate, 2011 - 2012
Matematik II (Makine Müh.) (I. Öğretim), Undergraduate, 2011 - 2012
ANALİZ III (I. Öğretim), Undergraduate, 2010 - 2011, 2009 - 2010, 2008 - 2009
ANALİZ IV (II. Öğretim), Undergraduate, 2010 - 2011, 2009 - 2010, 2008 - 2009
ANALİZ IV (I. Öğretim), Undergraduate, 2010 - 2011, 2009 - 2010, 2008 - 2009
Öğr.Tek. Ve Materyal Tas., Postgraduate, 2010 - 2011

Matematik II (Gıda Müh.) (II. Öğretim), Undergraduate, 2010 - 2011
 Genel Matematik I (Gıda Müh. I. Öğretim), Undergraduate, 2010 - 2011, 2009 - 2010
 Genel Matematik I (Endüstri Müh.), Undergraduate, 2010 - 2011, 2009 - 2010
 ANALİZ III (II. Öğretim), Undergraduate, 2010 - 2011, 2009 - 2010, 2008 - 2009
 Matematik II (Endüstri Müh.), Undergraduate, 2010 - 2011
 Genel Matematik I (Gıda Müh.) (II. Öğretim), Undergraduate, 2010 - 2011
 Matematik II (Gıda Müh.) (I. Öğretim), Undergraduate, 2010 - 2011
 Genel Matematik I (Orta Öğr. Fiz. Öğr.), Undergraduate, 2010 - 2011, 2009 - 2010
 Genel Matematik I (Gıda Müh. II. Öğretim), Undergraduate, 2009 - 2010
 Matematik I (İnşaat Müh. I. Öğretim), Undergraduate, 2008 - 2009
 Kompleks Fonksiyonlar Teorisi (Eğt. Fak.), Undergraduate, 2008 - 2009
 Okul Deneyimi, Postgraduate, 2008 - 2009
 Fonksiyonel Analiz I, Postgraduate, 2008 - 2009
 Matematik II (İnşaat Müh. II. Öğretim), Postgraduate, 2008 - 2009
 Öğretmenlik Uygulaması, Postgraduate, 2008 - 2009
 Matematik I (İnşaat Müh. II. Öğretim), Undergraduate, 2008 - 2009
 İleri Analiz (Eğt. Fak. Mat. Öğrt.), Undergraduate, 2008 - 2009
 Kompleks Fonksiyonlar Teorisi II (Eğt. Fak.), Undergraduate, 2007 - 2008
 Kompleks Fonksiyonlar Teorisi II (II. Öğretim), Undergraduate, 2007 - 2008
 Kompleks Fonksiyonlar Teorisi II, Undergraduate, 2007 - 2008
 Reel Analiz (Seçmeli) (Eğt. Fak.), Undergraduate, 2007 - 2008

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **CHARACTERIZATION OF THE BOUNDEDNESS OF t -WIGNER TRANSFORM ON HARDY AND BMO SPACES**
 Sandıkçı A.
 UNIVERSITY POLITEHNICA OF BUCHAREST SCIENTIFIC BULLETIN-SERIES A-APPLIED MATHEMATICS AND PHYSICS, vol.85, no.1, pp.43-52, 2023 (SCI-Expanded)
- II. **CHARACTERIZATION OF THE BOUNDEDNESS OF τ -WIGNER TRANSFORM ON HARDY AND BMO SPACES**
 Sandıkçı A.
 UPB Scientific Bulletin, Series A: Applied Mathematics and Physics, vol.85, no.1, pp.43-52, 2023 (SCI-Expanded)
- III. **Some compact and non-compact embedding theorems for the function spaces defined by fractional Fourier transform**
 Toksoy E., Sandıkçı A.
 HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, vol.50, no.6, pp.1620-1635, 2021 (SCI-Expanded)
- IV. **Multilinear tau-Wigner transform**
 Sandıkçı A.
 JOURNAL OF PSEUDO-DIFFERENTIAL OPERATORS AND APPLICATIONS, vol.11, no.4, pp.1465-1487, 2020 (SCI-Expanded)
- V. **The spaces of bilinear multipliers of weighted Lorentz type modulation spaces**
 Gurkanli A. T., Kulak O., Sandıkçı A.
 GEORGIAN MATHEMATICAL JOURNAL, vol.23, no.3, pp.351-362, 2016 (SCI-Expanded)
- VI. **On function spaces with fractional Fourier transform in weighted Lebesgue spaces**
 Toksoy E., Sandıkçı A.
 JOURNAL OF INEQUALITIES AND APPLICATIONS, vol.2015, 2015 (SCI-Expanded)
- VII. **Boundedness of localization operators on Lorentz mixed-normed modulation spaces**
 Sandıkçı A.
 JOURNAL OF INEQUALITIES AND APPLICATIONS, vol.2014, 2014 (SCI-Expanded)

- VIII. **Continuity of Wigner-type operators on Lorentz spaces and Lorentz mixed normed modulation spaces**
Sandıkçı A.
TURKISH JOURNAL OF MATHEMATICS, vol.38, no.4, pp.728-745, 2014 (SCI-Expanded)
- IX. **Generalized Sobolev-Shubin spaces, boundedness and Schatten class properties of Toeplitz operators**
Sandıkçı A., Gurkanli A. T.
TURKISH JOURNAL OF MATHEMATICS, vol.37, no.4, pp.676-692, 2013 (SCI-Expanded)
- X. **On Lorentz mixed normed modulation spaces**
Sandıkçı A.
JOURNAL OF PSEUDO-DIFFERENTIAL OPERATORS AND APPLICATIONS, vol.3, no.3, pp.263-281, 2012 (SCI-Expanded)
- XI. **GABOR ANALYSIS OF THE SPACES $M(p, q, w)(\mathbb{R}^d)$ AND $S(p, q, r, w, \omega)(\mathbb{R}^d)$**
Sandıkçı A., Gurkanli A. T.
ACTA MATHEMATICA SCIENTIA, vol.31, no.1, pp.141-158, 2011 (SCI-Expanded)

Articles Published in Other Journals

- I. **On An Abstract Segal Algebra Under Fractional Convolution**
SANDIKÇI A., TOKSOY E.
Montes Taurus J. Pure Appl. Math., vol.4, no.1, pp.1-22, 2022 (Peer-Reviewed Journal)
- II. **On Some Properties of Space S^a_w**
TOKSOY E., SANDIKÇI A.
Erzincan Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.13, no.2, pp.923-934, 2020 (Peer-Reviewed Journal)
- III. **On Some Properties of Space S_w^α**
TOKSOY E., SANDIKÇI A.
Erzincan Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.13, no.2, pp.923-934, 2020 (Peer-Reviewed Journal)
- IV. **ON THE INCLUSIONS OF SOME LORENTZ MIXED NORMED SPACES AND WIENER-DITKIN SETS**
Sandıkçı A.
JOURNAL OF MATHEMATICAL ANALYSIS, vol.9, no.2, pp.1-9, 2018 (ESCI)
- V. **The space $\Omega mp(\mathbb{R}^d)$ and some properties**
Sandıkçı A., Gürkanli A.
Ukrainian Mathematical Journal, vol.58, no.1, pp.155-162, 2006 (Scopus)

Refereed Congress / Symposium Publications in Proceedings

- I. **On Gabor Integral Operators**
SANDIKÇI A.
International Asian Congress On Contemporary Sciences-VI, Van, Turkey, 27 - 29 May 2022, pp.415-420
- II. **STFT On Lebesgue And Lorentz Spaces**
SANDIKÇI A.
International Asian Congress On Contemporary Sciences-VI, Van, Turkey, 27 - 29 May 2022, pp.409-414
- III. **A Note On Fractional Fourier Multipliers**
Özdemir S., SANDIKÇI A.
5. Ulusal Başkent Disiplinler Arası Bilimsel Çalışmalar Kongresi, Ankara, Turkey, 21 June 2022
- IV. **Short-Time Fourier Transform On Besov Spaces**
SANDIKÇI A.
5th International Education And Innovative Sciences Conference, Azerbaijan, 24 - 25 May 2022, vol.2, pp.129-135
- V. **Certain Properties Of STFT On Weighted Function Spaces**

SANDIKÇI A.

5th International Education And Innovative Sciences Conference, Azerbaijan, 24 - 25 May 2022, vol.2, pp.121-128

VI. **STFT Characterization Of Morrey Spaces**

SANDIKÇI A.

7th International Congress on Innovative Scientific Approaches, Samsun, Turkey, 19 - 20 May 2022, pp.541-547

VII. **Some Boundedness Properties Of Wavelet Transform**

SANDIKÇI A.

7th International Congress on Innovative Scientific Approaches, Samsun, Turkey, 19 - 20 May 2022, pp.533-540

VIII. **Boundedness Of The Gabor Transform On Some Function Spaces**

SANDIKÇI A.

ASES International Health, Engineering And Sciences Congress, Ankara, Turkey, 7 - 08 May 2022, pp.414-421

IX. **A Function Space With Wavelet Transform**

SANDIKÇI A.

7. Uluslararası Erciyes Bilimsel Araştırmalar Kongresi, Erciyes, Turkey, 9 - 10 March 2022, pp.353-360

X. **On Some Properties Of A Fractional Segal Algebra**

SANDIKÇI A.

4. International Sciences And Innovation Congress, Ankara, Turkey, 19 - 20 February 2022, pp.113-120

XI. **A Segal Algebra With Fractionalized Fourier Transform**

SANDIKÇI A.

7th International Zeugma Conference On Scientific Research, Gaziantep, Turkey, 21 - 23 January 2022, vol.7, pp.34-40

XII. **Note On Function Spaces With Wigner Type Transform**

SANDIKÇI A.

2. Uluslararası İstanbul Modern Bilimsel Araştırmalar Kongresi, İstanbul, Turkey, 23 December 2021

XIII. **On Subalgebras Of L^1**

SANDIKÇI A.

ISPEC 12. Uluslararası Mühendislik Ve Fen Bilimleri Kongresi, Bingöl, Turkey, 24 December 2021

XIV. **Function Spaces Defined by the -Wigner Transform**

SANDIKÇI A.

1st International Congress Of Natural Sciences (ICNAS-2021, Erzurum, Turkey, 10 September 2021

XV. **On An Abstract Segal Algebra Under Fractional Convolution**

TOKSOY E., SANDIKÇI A.

Hagia Sophia, 3. International Conference on Multidisciplinary Scientific Studies, İstanbul, Turkey, 15 September 2021

XVI. **Kesirli Fourier Dönüşümü ile Tanımlanan Fonksiyon Uzayları için Bazı Tıkız ve Tıkız Olmayan Gömülme Teoremleri**

TOKSOY E., SANDIKÇI A.

33. ULUSAL MATEMATİK SEMPOZYUMU, İstanbul, Turkey, 31 August - 03 September 2021

XVII. **Swalphi Uzayının Bazı Özellikleri,**

TOKSOY E., SANDIKÇI A.

32. Ulusal Matematik Sempozyumu, Samsun, Turkey, 31 August - 03 September 2019

XVIII. **Time-Frequency Representations of Multilinear Wigner Type Operators**

SANDIKÇI A.

X International Conference of the Georgian Mathematical Union, Batumi, Georgia, 2 - 06 September 2019

XIX. **Continuity properties of Multilinear -Wigner Transform**

SANDIKÇI A.

12th International ISAAC Congress, Aveiro, Portugal, 29 July - 02 August 2019

XX. **Multilinear tau -Wigner Transform,**

SANDIKÇI A.

IWOTA 2019, Lizbon, Portugal, 22 July 2019 - 26 January 2020

XXI. **On Regularity Results for Localization Operators**

SANDIKÇI A.

IX International Conference of the Georgian Mathematical Union, 3 - 07 September 2018

XXII. On the Spaces of Bilinear Multipliers

SANDIKÇI A.

The International Workshop on Operator Theory and Applications, 23 - 27 July 2018

XXIII. The Bilinear Multiplier Problem for Mixed Lorentz Type Modulation Spaces

SANDIKÇI A.

Microlocal and Time-Frequency Analysis 2018, 2 - 06 July 2018

XXIV. Time-Frequency Representations of Wigner Type Operators on Lorentz Spaces

SANDIKÇI A.

Modern Methods, Problems and Applications of Operator Theory and Harmonic Analysis VIII, 22 - 27 April 2018

XXV. A Note on the Rihaczek Transform and its Friends

SANDIKÇI A.

VIII International Conference of the Georgian Mathematical Union, Batumi, Georgia, 4 - 08 September 2017

XXVI. Mixed Norm Lorentz Type Sobolev Shubin Spaces

SANDIKÇI A.

International Congress on Fundamental and Applied Sciences (ICFAS2017), Saraybosna, Bosnia And Herzegovina, 21 - 25 August 2017

XXVII. Quadratic Time-Frequency Representations on Mixed Lorentz Type Modulation Spaces

SANDIKÇI A.

6th International Eurasian Conference on Mathematical Sciences and Applications (IECMSA 2017), Budapest, Hungary, 15 - 18 August 2017

XXVIII. Toeplitz Operators with Symbols in Some Function Spaces

SANDIKÇI A.

6th International Eurasian Conference on Mathematical Sciences and Applications (IECMSA 2017), Budapest, Hungary, 15 - 18 August 2017

XXIX. Bilinear Multipliers on $M(P,Q)(\mathbb{R}^n)$

SANDIKÇI A.

6th International Eurasian Conference on Mathematical Sciences and Applications (IECMSA 2017), Budapest, Hungary, 15 - 18 August 2017

XXX. On Regularity Results for AntiWick Operators

SANDIKÇI A.

International Conference on Applied Analysis and Mathematical Modeling (ICAAMM 2017), İstanbul, Turkey, 3 - 07 July 2017

XXXI. Localization Operators on Weighted Lorentz Type Modulation Spaces

SANDIKÇI A.

International Conference on Applied Analysis and Mathematical Modeling (ICAAMM 2017), İstanbul, Turkey, 3 - 07 July 2017

XXXII. Embedding Between Mixed Normed Lorentz Spaces with Measures

SANDIKÇI A.

International Conference on Applied Analysis and Mathematical Modeling (ICAAMM 2017), İstanbul, Turkey, 3 July - 07 September 2017

XXXIII. T-Weyl Quantization of Lorentz Spaces

SANDIKÇI A.

International Conference on Applied Analysis and Mathematical Modeling (ICAAMM 2017), İstanbul, Turkey, 3 - 07 July 2017

XXXIV. Boundedness of T-Wigner Transform on Lorentz spaces and Lorentz mixed normed modulation spaces

SANDIKÇI A.

Time-Frequency, Torino, Italy, 5 - 07 June 2017

XXXV. Boundedness Properties of Some Operators on $M(P,Q)(\mathbb{R}^d)$

SANDIKÇI A.

ICRAPAM 2017, Kuşadası, Turkey, 11 - 15 May 2017

Supported Projects

Sandıkçı A., Project Supported by Higher Education Institutions, Kesirli Fourier Çarpanları, 2022 - 2023

Sandıkçı A., Project Supported by Higher Education Institutions, VIII International Conference of the Georgian Mathematical Union (GMU), 2017 - 2023

Sandıkçı A., Project Supported by Higher Education Institutions, boundedness of localization operators on lorentz mixed normed modulation space, 2016 - 2023

Sandıkçı A., Project Supported by Higher Education Institutions, 9th International ISAAC Congress, 2016 - 2016

Sandıkçı A., Project Supported by Higher Education Institutions, IWOTA 2014, 2014 - 2016