

Prof. TUĞBA YURDAKADİM

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAA-3945-2020

ScopusID: 54898009400

Yoksis Researcher ID: 105679

Education Information

Doctorate, Ankara University, Fen Bilimleri Enstitüsü, Matematik (Dr), Turkey 2010 - 2015

Postgraduate, Ankara University, Fen Bilimleri Enstitüsü, Matematik (YI) (Tezli), Turkey 2008 - 2010

Undergraduate, Ankara University, Fen Fakültesi, Matematik Bölümü, Turkey 2004 - 2008

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

Occupational Health and Safety, Temel İş Sağlığı ve Güvenliği Eğitimi , Bilecik Şeyh Edebali Üniversitesi, 2023

Dissertations

Doctorate, Genelleştirilmiş limitler ve istatistiksel yakınsaklık, Ankara University, Fen Bilimleri Enstitüsü, Matematik (Dr), 2015

Postgraduate, İstatistiksel yakınsak alt diziler, Ankara University, Fen Bilimleri Enstitüsü, 2010

Research Areas

Sequences, Series, Summability, Functional Analysis, Approximations and Expansions

Academic Titles / Tasks

Professor, Bilecik Seyh Edebali University, Fen Fakültesi, Matematik, 2024 - Continues

Associate Professor, Bilecik Seyh Edebali University, Fen Fakültesi, Matematik, 2020 - 2024

Research Assistant, Hitit University, 2015 - 2020

Research Assistant, Ankara University, Fen Bilimleri Enstitüsü, 2010 - 2015

Research Assistant, Hitit University, 2009 - 2010

Academic and Administrative Experience

Deputy Head of Department, Bilecik Seyh Edebali University, 2023 - 2026

Head of Department, Bilecik Seyh Edebali University, 2022 - 2025

Deputy Head of Department, Bilecik Seyh Edebali University, 2022 - 2023

Head of Department, Bilecik Seyh Edebali University, Fen Fakültesi, Matematik, 2020 - 2022

Courses

Kompleks Fonksiyonlar Teorisi 1, Undergraduate, 2021 - 2022, 2020 - 2021

Kompleks Fonksiyonlar Teorisi 2, Undergraduate, 2021 - 2022, 2020 - 2021

Fonksiyonel Analiz, Undergraduate, 2021 - 2022

Lineer Pozitif Operatörlerin Yaklaşım Özellikleri 1, Postgraduate, 2021 - 2022, 2020 - 2021

Araştırma Projesi, Undergraduate, 2021 - 2022, 2020 - 2021

İleri Analiz, Postgraduate, 2021 - 2022, 2020 - 2021

Reel Analiz, Undergraduate, 2021 - 2022

Fonksiyonel Analizin Uygulamaları, Undergraduate, 2020 - 2021

Dizi Uzayları ve Toplanabilme 1, Postgraduate, 2020 - 2021

Matematik 1 (Sağlık Yönetimi N.Ö.), Undergraduate, 2019 - 2020

Matematik 2 (Sağlık Yönetimi II. Ö.), Undergraduate, 2019 - 2020

Matematik 2 (Sağlık Yönetimi N.Ö.), Undergraduate, 2019 - 2020

Matematik 1 (Sağlık Yönetimi II. Ö.), Undergraduate, 2019 - 2020

Diferansiyel Denklemler (Makina Müh. II.Ö.), Undergraduate, 2018 - 2019

Diferansiyel Denklemler (Makina Müh. N.Ö.), Undergraduate, 2018 - 2019

Lineer Cebir (Makina Mühendisliği II. Ö.), Undergraduate, 2018 - 2019

Lineer Cebir (Elektrik-Elektronik Mühendisliği), Undergraduate, 2018 - 2019

Lineer Cebir (Makina Mühendisliği N.Ö.), Undergraduate, 2018 - 2019

Diferansiyel Denklemler (Elek.-Elektronik Müh.), Undergraduate, 2018 - 2019

Ordinary Differential Equations, Undergraduate, 2017 - 2018

Introduction to Functional Analysis, Undergraduate, 2017 - 2018

Matematik 2, Undergraduate, 2017 - 2018

Applied Mathematics, Undergraduate, 2017 - 2018

Genel Matematik, Undergraduate, 2017 - 2018

Advising Theses

Yurdakadim T., Fractional Trigonometric Korovkin Theory via Statistical Convergence with Respect to Power Series Method, Postgraduate, N.SULTAN(Student), 2023

Yurdakadim T., Approximation for q-Chlodowsky operators via statistical convergence with respect to power series method, Postgraduate, H.TAŞER(Student), 2022

Yurdakadim T., Approximation for max-product operators via statistical convergence with respect to power series method, Postgraduate, A.ARİF(Student), 2022

Published journal articles indexed by SCI, SSCI, and AHCI

I. A New Approach to the Approximation by Positive Linear Operators in Weighted Spaces

- Atlihan Ö., Yurdakadim T., Taş E.
Ukrainian Mathematical Journal, vol.74, no.11, pp.1649-1657, 2023 (SCI-Expanded)
- II. **Some new insights into ideal convergence and subsequences**
Wieren L. M., Taş E., YURDAKADİM T.
Hacettepe Journal of Mathematics and Statistics, vol.51, no.5, pp.1379-1384, 2022 (SCI-Expanded)
- III. **A NOTE ON UNIFORM STATISTICAL LIMIT POINTS**
Wieren L. M., YURDAKADİM T.
Mathematical Reports, vol.24-74, no.4, pp.777-785, 2022 (SCI-Expanded)
- IV. **Generalized limits and sequence of matrices**
Özgüç I., Taş E., YURDAKADİM T.
Positivity, vol.24, no.3, pp.553-563, 2020 (SCI-Expanded)
- V. **The Arzelà-Ascoli theorem by means of ideal convergence**
Taş E., YURDAKADİM T.
Georgian Mathematical Journal, vol.25, no.3, pp.475-479, 2018 (SCI-Expanded)
- VI. **Korovkin type approximation theorems in weighted spaces via power series method**
Taş E., Yurdakadim T., Atlihan O.
Operators and Matrices, vol.12, no.2, pp.529-535, 2018 (SCI-Expanded)
- VII. **Abstract Korovkin theory in modular spaces in the sense of power series method**
YURDAKADİM T.
Hacettepe Journal of Mathematics and Statistics, vol.47, no.6, pp.1467-1477, 2018 (SCI-Expanded)
- VIII. **Approximation by positive linear operators in modular spaces by power series method**
Tas E., YURDAKADİM T.
Positivity, vol.21, no.4, pp.1293-1306, 2017 (SCI-Expanded)
- IX. **Some inequalities between functionals related to Generalized limits**
YURDAKADİM T., Orhan C.
Mathematical Reports, vol.19, no.2, pp.145-155, 2017 (SCI-Expanded)
- X. **Some results on uniform statistical cluster points**
Yurdakadim T., Miller-Van-Wieren L.
Turkish Journal of Mathematics, vol.41, no.5, pp.1133-1139, 2017 (SCI-Expanded)
- XI. **Inclusion results on statistical cluster points**
Miller H., Wieren L. M., Taş E., YURDAKADİM T.
Analysis Mathematica, vol.42, no.2, pp.165-172, 2016 (SCI-Expanded)
- XII. **Generalized Limits and Statistical Convergence**
YURDAKADİM T., Khan M., Miller H., Orhan C.
Mediterranean Journal of Mathematics, vol.13, no.3, pp.1135-1149, 2016 (SCI-Expanded)
- XIII. **Some results concerning the summability of spliced sequences**
YURDAKADİM T., ÜNVER M.
Turkish Journal of Mathematics, vol.40, no.5, pp.1134-1143, 2016 (SCI-Expanded)
- XIV. **Double sequences and Orlicz functions**
YURDAKADİM T., Tas E.
Periodica Mathematica Hungarica, vol.67, no.1, pp.47-54, 2013 (SCI-Expanded)
- XV. **Approximation of functions by the sequence of integral operators**
YURDAKADİM T., Taş E., Sakaoğlu I.
Applied Mathematics and Computation, vol.219, no.8, pp.3863-3871, 2012 (SCI-Expanded)
- XVI. **The buck-pollard property for p-Cesàro matrices**
Orhan C., Tas E., YURDAKADİM T.
Numerical Functional Analysis and Optimization, vol.33, no.2, pp.190-196, 2012 (SCI-Expanded)
- XVII. **Characterization of uniform statistical convergence for double sequences**
Tas E., YURDAKADİM T.
Miskolc Mathematical Notes, vol.13, no.2, pp.543-553, 2012 (SCI-Expanded)

Articles Published in Other Journals

- I. **Approximation Results by Statistical Convergence Based on a Power Series in Modular Spaces**
TAŞ E., YURDAKADİM T.
LOBACHEVSKII JOURNAL OF MATHEMATICS, vol.44, no.11, pp.4913-4919, 2023 (ESCI)
- II. **On Relaxing the Identity Operator in Korovkin Theorem via Statistical Convergence**
Yurdakadim T., Taş E.
Turkish Journal of Mathematics and Computer Science, vol.15, no.1, pp.180-183, 2023 (Peer-Reviewed Journal)
- III. **Approximation results on nonlinear operators by Pp–statistical convergence**
Arif A., YURDAKADİM T.
Advanced Studies: Euro-Tbilisi Mathematical Journal, vol.15, no.3, pp.1-10, 2022 (Scopus)
- IV. **EFFECTS OF FUZZY SETTING IN KOROVKIN THEORY VIA Pp-STATISTICAL CONVERGENCE**
YURDAKADİM T., TAŞ E.
Romanian Journal of Mathematics and Computer Science, 2022 (Peer-Reviewed Journal)
- V. **APPROXIMATION FOR Q-CHLODOWSKY OPERATORS VIA STATISTICAL CONVERGENCE WITH RESPECT TO POWER SERIES METHOD**
TAŞER H., YURDAKADİM T.
Mathematical Sciences and Applications E-Notes, vol.10, no.2, pp.72-81, 2022 (Peer-Reviewed Journal)
- VI. **Category Theoretical View of I-cluster and I-limit Points of Subsequences**
Miller Van Wieren L., TAŞ E., YURDAKADİM T.
ACTA ET COMMENTATIONES UNIVERSITATIS TARTUENSIS DE MATHEMATICA, 2020 (ESCI)
- VII. **Category theoretical view of i-cluster and i-limit points of subsequences**
Wieren L. M., Taş E., Yurdakadim T.
Acta et Commentationes Universitatis Tartuensis de Mathematica, vol.24, no.1, pp.103-108, 2020 (ESCI)
- VIII. **VARIATIONAL APPROXIMATION FOR MODIFIED MEYER-KÖNIG AND ZELLER OPERATORS**
TAŞ E., YURDAKADİM T.
SARAJEVO JOURNAL OF MATHEMATICS, vol.15, no.1, pp.113-127, 2019 (Peer-Reviewed Journal)
- IX. **KOROVKIN THEORY FOR EXTRAORDINARY TESTFUNCTIONS BY A-STATISTICAL CONVERGENCE**
TAŞ E., YURDAKADİM T.
Palestine Journal of Mathematics, vol.8, no.1, pp.86-90, 2019 (Peer-Reviewed Journal)
- X. **Core Theorems in The Generalized Statistical Sense**
TAŞ E., YURDAKADİM T.
Turkish Journal of Mathematics and Computer Science, vol.8, pp.16-21, 2018 (Peer-Reviewed Journal)
- XI. **Some results for max-product operators via power series method**
YURDAKADİM T., TAŞ E.
ACTA MATHEMATICA UNIVERSITATIS COMENIANAE, vol.87, no.2, pp.191-198, 2018 (Scopus)
- XII. **Summation process of convolution operators for multivariables**
YURDAKADİM T., TAŞ E., GİRGIN ATLIHAN Ö.
Sarajevo Journal of Mathematics, vol.13, no.2, pp.207-216, 2017 (Peer-Reviewed Journal)
- XIII. **Subsequential results on uniform statistical convergence**
YURDAKADİM T., MILLER VAN WIEREN L.
Sarajevo J. Math., vol.12, no.25(2), pp.1-9, 2016 (Peer-Reviewed Journal)
- XIV. **Some Korovkin type results via power series method in modular spaces**
Yurdakadim T.
COMMUNICATIONS FACULTY OF SCIENCES UNIVERSITY OF ANKARA-SERIES A1 MATHEMATICS AND STATISTICS, vol.65, pp.65-76, 2016 (Peer-Reviewed Journal)
- XV. **On quasi statistical convergence**
İlknur S. Ö., YURDAKADİM T.
COMMUNICATIONS FACULTY OF SCIENCES UNIVERSITY OF ANKARA-SERIES A1 MATHEMATICS AND STATISTICS, vol.61, no.1, pp.11-17, 2012 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Fractional Trigonometric Korovkin Theory via Statistical Convergence with Respect to Power Series Method**
Ural N. S., YURDAKADİM T.
in: Matematik ve Fen Alanlarında Akademik Araştırmalar, Gürbüz Ferit, Editor, Özgür Yayınları, pp.13-30, 2023
- II. **Approximation to Derivatives of Functions by Linear Operators Acting on Weighted Spaces by Power Series Method**
TAŞ E., YURDAKADİM T.
in: Computational Analysis, , Editor, Springer, pp.363-372, 2016

Refereed Congress / Symposium Publications in Proceedings

- I. **Approximation Properties of Convolution Operators via Statistical Convergence Based on A Power Series**
YURDAKADİM T., Dinar R.
Approximation Theory and Special Functions ATSF 2024 Conference - 8th Series September 4-7, 2024, Ankara, Turkey, 4 - 07 September 2024
- II. **Approximation Properties of Generalized q-Favard-Szasz-Mirakjan Operators of Max-Product Kind**
Taşer H., Yurdakadim T.
Approximation Theory and Special Functions ATSF 2024 Conference- 8th Series, Ankara, Turkey, 4 - 07 September 2024, pp.94-95
- III. **Fractional Trigonometric Korovkin-type Results by Statistical Convergence Based On A Power Series Method**
Sultan Ural N., YURDAKADİM T.
2nd International E-Conference on Mathematical and Statistical Science: A Selcuk Meeting, Konya, Turkey, 05 June 2023
- IV. **Korovkin type theorems for Lebesgue spaces with respect to a power series method**
Özgüç İ., YURDAKADİM T., TAŞ E.
11th International Eurasian Conference on Mathematical Sciences and Applications, İstanbul, Turkey, 29 August - 01 September 2022
- V. **Approximation in modular spaces via statistical convergence with respect to power series method**
TAŞ E., YURDAKADİM T.
11th International Eurasian Conference on Mathematical Sciences and Applications, İstanbul, Turkey, 29 August 2022
- VI. **Pi ile Matematik Tarihine Yolculuk**
YURDAKADİM T.
Kırşehir Ahi Evran Üniversitesi Matematik Bölüm Seminerleri, Bilecik, Turkey, 25 April 2022
- VII. **Pi'nin Serüveni**
YURDAKADİM T.
Ankara Üniversitesi Pi günü (Çevrimiçi Toplantı), Bilecik, Turkey, 14 March 2022
- VIII. **Ağırlıklı Uzaylarda Pozitif Lineer Operatörler ile Yaklaşım Yeni Bir Bakış**
GİRGİN ATLIHAN Ö., YURDAKADİM T., TAŞ E.
Yaklaşımlar Teorisi ve Uygulamaları Çalıştayı, Ankara, Turkey, 04 March 2022
- IX. **Q-Chlodowsky Operatörleri için Kuvvet Serisi Anlamında İstatistiksel Yaklaşım**
TAŞER H., YURDAKADİM T.
Yaklaşımlar Teorisi ve Uygulamaları Çalıştayı, Ankara, Turkey, 04 March 2022
- X. **Modüler Uzaylarda Kuvvet Serisi Yardımıyla Pozitif Lineer Operatörlerin Yaklaşımı**
TAŞ E., YURDAKADİM T.
Yaklaşımlar Teorisi ve Uygulamaları Çalıştayı, Ankara, Turkey, 04 March 2022

- XI. **Maksimum-Çarpım Operatörleri için Kuvvet Serisi Anlamında İstatistiksel Yakınsaklık Yardımıyla Yaklaşım**
Arif A., YURDAKADİM T.
Yaklaşımlar Teorisi ve Uygulamaları Çalıştayı, Ankara, Turkey, 04 March 2022
- XII. **APPROXIMATION FOR MAX-PRODUCT OPERATORS VIA STATISTICAL CONVERGENCE WITH RESPECT TO POWER SERIES METHOD**
Arif A., YURDAKADİM T.
Ahi Evran International Conference on Scientific Research, 30 November 2021
- XIII. **Approximation for Q-Chlodowsky Operators via Statistical Convergence with respect to Power Series Method**
Taşer H., Yurdakadim T.
10th International Eurasian Conference on Mathematical Sciences and Applications, İstanbul, Turkey, 25 August 2021
- XIV. **İraksak Diziler ve Seriler Üzerine**
YURDAKADİM T.
Kırşehir Ahi Evran Üniversitesi Matematik Bölüm Seminerleri, Turkey, 07 July 2021
- XV. **İraksak Dizilere Limit Karşılık Getirebilir Miyiz?**
YURDAKADİM T.
Konya Selçuk Üniversitesi Matematik Bölüm Seminerleri, Turkey, 28 April 2021
- XVI. **Düzgün İstatistiksel Yakınsaklık için Altdiziler Yardımıyla Elde Edilen Sonuçlar**
YURDAKADİM T.
Yozgat Bozok Üniversitesi Matematik Bölüm Seminerleri, Turkey, 01 April 2019
- XVII. **Korovkin theory for extraordinary test functions via power series method**
YURDAKADİM T., TAŞ E.
ICRAPAM 2018, 23 - 27 July 2018
- XVIII. **Korovkin Type Approximation Theorems in Weighted Spaces via Power Series Method**
YURDAKADİM T., TAŞ E., GİRGIN ATLIHAN Ö.
NAAT 2018, 6 - 09 September 2018
- XIX. **Quantitative Estimates for q-Bernstein Operators in Mobile Intervals**
TAŞ E., YURDAKADİM T.
International Conference on Numerical Analysis and Approximation Theory, Cluj, Romania, 6 - 09 September 2018
- XX. **Korovkin type Theorems in Modular spaces via Summability Methods**
TAŞ E., YURDAKADİM T.
International Conference on Recent Advances in Pure and Applied Mathematics, Trabzon, Turkey, 23 - 27 July 2018
- XXI. **The Arzela-Ascoli Theorem by Means of Ideal Convergence**
YURDAKADİM T., TAŞ E.
BMS 2018, 12 - 14 July 2018
- XXII. **Some Results for Max-Product Operators via Power Series Methods**
TAŞ E., YURDAKADİM T.
International Conference on Mathematical Advances and Applications, İstanbul, Turkey, 11 - 13 May 2018
- XXIII. **Variational Approximation for Modified Meyer-König and Zeller Operators**
YURDAKADİM T., TAŞ E.
ICOMAA 2018, 11 - 13 May 2018
- XXIV. **Düzgün İstatistiksel Yakınsaklık için Alt Diziler Yardımıyla Sonuçlar**
YURDAKADİM T., Miller Van Wieren L.
Amg 2018(TOBB-etü), Turkey, 27 - 28 April 2018
- XXV. **Generalized Limits in the view of B-Statistical Convergence**
YURDAKADİM T.
ISAAC Congress 2017, Sweden, 14 - 18 August 2017
- XXVI. **Approximation Properties of q-Bernstein Operators in Mobile Intervals**

- TAŞ E., YURDAKADİM T.
International Conference on Applied Analysis and Mathematical Modelling, 3 - 07 July 2017
- XXVII. **Approximation by Positive Linear Operators in Modular Spaces**
YURDAKADİM T., TAŞ E.
International Conference on Applied Analysis and Mathematical Modelling, 3 - 07 July 2017
- XXVIII. **Mobil araklıklarda q-Bernstein operatörlerinin yaklaşım özellikleri**
TAŞ E., YURDAKADİM T.
AMG 2017, Turkey, 25 - 26 May 2017
- XXIX. **Modifiye Edilmiş Meyer-König ve Zeller Operatörleri için Varyasyonda Yaklaşım İlişkin Sonuçlar**
YURDAKADİM T., TAŞ E.
AMG 2017, Turkey, 25 - 26 May 2017
- XXX. **Core theorems in the Generalized Statistical Sense**
TAŞ E., YURDAKADİM T.
International Conference on Mathematics and Mathematics Education, 11 - 13 May 2017
- XXXI. **Some results for Max-Product operators via Power Series Method**
YURDAKADİM T., TAŞ E.
International Conference on Mathematics and Mathematics Education, 11 - 13 May 2017
- XXXII. **Düzgün İstatistiksel Yakınsaklık için Altdizilerle Karakterizasyon**
YURDAKADİM T.
Ankara Üniversitesi Matematik Bölümü, Bölüm Seminerleri, Turkey, 19 October 2016
- XXXIII. **Subsequence characterization of uniform statistical convergence**
YURDAKADİM T., Miller L.
Summer symposium in real analysis exchange, 19 - 25 June 2016
- XXXIV. **Modüler uzaylarda kuvvet serisi metodu yardımıyla Korovkin tipli teoremler**
YURDAKADİM T.
Ankara Matematik Günleri, Turkey, 26 - 27 May 2016
- XXXV. **Korovkin theory for extraordinary test functions by A statistical convergence**
YURDAKADİM T.
Icmme-2016, 12 - 14 May 2016
- XXXVI. **Korovkin theory for unusual test functions via power series method**
YURDAKADİM T.
Joint annual meeting of Dmw-Gamm, 7 - 11 March 2016
- XXXVII. **Some inequalities between functionals related to generalized limits**
YURDAKADİM T.
Icrapam 2015, İstanbul, Turkey, 3 - 06 June 2015
- XXXVIII. **Approximation to derivatives of functions by linear operators acting on weighted spaces by power series method**
TAŞ E., YURDAKADİM T.
Amat 2015, 28 - 31 May 2015
- XXXIX. **Korovkin type approximation results in weighted spaces via power series method**
TAŞ E., YURDAKADİM T., GİRGIN ATLIHAN Ö.
Amat 2015, Ankara, Turkey, 28 - 31 May 2015
- XL. **Generalized limits and statistical convergence**
YURDAKADİM T., ORHAN C.
Iecmsa 2014, 25 - 28 August 2014
- XLI. **The Stancu-Chlodowsky Operators based on q-Calculus**
TAŞ E., ORHAN C., YURDAKADİM T.
ICNAAM 2013, 21 - 27 September 2013
- XLII. **Statistical Approximation Properties of Convolution Operators for Multivariables**
YURDAKADİM T., TAŞ E., GİRGIN ATLIHAN Ö.
Icnaam 2013, 21 - 27 September 2013

XLIII. Inclusion Results on Statistical Cluster Points

YURDAKADİM T.

Iecmsa 2013, 26 - 29 August 2013

XLIV. Inclusion Theorems for Statistical Cluster Points

YURDAKADİM T.

Madea 2012, 4 - 09 September 2012

XLV. The Buck Pollard Property for p Cesaro Matrices

YURDAKADİM T.

Ankara Üniversitesi Matematik Bölümü Bölüm seminerleri, Turkey, 08 December 2010