

Prof. HATİCE GÜL İNCE İLARSLAN

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: AHB-3098-2022

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Education

Doctorate, Ankara University, Institute Of Science, Mathematics (Dr), Turkey 1993 - 1998

Postgraduate, Ankara University, Institute Of Science, Mathematics, Turkey 1990 - 1993

Undergraduate, Ankara University, Faculty Of Science, Department Of Mathematics, Turkey 1986 - 1990

Dissertations

Doctorate, Cesaro conull FK Spaces, Ankara University, Institute Of Science, Matematik (Dr), 1998

Postgraduate, Summability and Absolute Summability Domains, Ankara University, Institute Of Science, 1993

Research Areas

Mathematics

Academic Positions

Professor, Gazi University, Fen Fakültesi, Matematik, 2017 - Continues

Professor, Gazi University, Fen Fakültesi, Matematik, 2011 - Continues

Assistant Professor, Gazi University, Fen Fakültesi, Matematik, 2003 - 2011

Research Assistant PhD, Ankara University, Faculty Of Science, Department Of Mathematics, 1991 - 2003

Courses

Postgraduate

SEQUENTIAL APPROXIMATION PROPERTIES OF LINEAR POSITIVE OPERATORS I, Postgraduate, 2021 - 2022

Properties of Approximation by Sequences of Positive Linear Operators II, Postgraduate, 2019 - 2020

INTRODUCTION TO DIVERGENT SERIES, Postgraduate, 2015 - 2016

Undergraduate

Complex Analysis II, Undergraduate, 2020 - 2021, 2019 - 2020

Mathematics II, Undergraduate, 2020 - 2021, 2019 - 2020

Mathematics II, Undergraduate, 2019 - 2020

Mathematics III, Undergraduate, 2020 - 2021, 2019 - 2020
Compleks Analysis I, Undergraduate, 2020 - 2021, 2019 - 2020
Mathematics III, Undergraduate, 2020 - 2021
COMPLEX ANALYSIS, Undergraduate, 2017 - 2018
Complex Analysis II, Undergraduate, 2013 - 2014
Complex Analysis I, Undergraduate, 2013 - 2014
Yüksek Matematik I, Undergraduate, 2013 - 2014
Complex Analysis I, Undergraduate, 2013 - 2014

Supervised Theses

İnce İlarslan H. G., Charlier-Szász-Durrmeyer type positive linear operators, Postgraduate, M.TEKE(Student), 2023
İnce İlarslan H. G., Approximation by integral form of Jain and Pethe operators, Postgraduate, D.Yolcu(Student), 2022
İnce İlarslan H. G., Szász-Kantorovich Operators Type Based On Bivariate Brenke Type Polynomials, Postgraduate, S.Begen(Student), 2021
İNCE İLARSLAN H. G., Statistical approximation properties of q-baskakovkantorovich operators, Postgraduate, B.Kartal(Student), 2014
İNCE İLARSLAN H. G., Approximation properties of kantorovich type generalization of lupaş operators, Postgraduate, H.AKKAYA(Student), 2013
İNCE İLARSLAN H. G., Some linear positive operators in weighted spaces, Postgraduate, H.ADIGÜZEL(Student), 2012
İnce İlarslan H. G., İki Değişkenli q Meyer-König Zeller Operatörlerinin Korovkin Tipi Yaklaşım Özellikleri, Postgraduate, E.Yıldız(Student), 2009
İnce İlarslan H. G., STATISTICAL APPROXIMATION BY GENERALIZED MEYER-KÖNIG AND ZELLER TYPE OPERATORS, Postgraduate, N.ÇETİN(Student), 2008

Journal articles indexed in SCI, SSCI, and AHCI

- I. Kantorovich-type generalization of parametric Baskakov operators
İNCE İLARSLAN H. G., ERBAY H., ARAL A.
MATHEMATICAL METHODS IN THE APPLIED SCIENCES, vol.42, no.18, pp.6580-6587, 2019 (SCI-Expanded)
- II. Approximation by bivariate (p, q)-Baskakov-Kantorovich operators
İNCE İLARSLAN H. G., ACAR T.
GEORGIAN MATHEMATICAL JOURNAL, vol.25, no.3, pp.397-407, 2018 (SCI-Expanded)
- III. Bivariate Cheney-Sharma operators on simplex
Bascanbaz-Tunca G., ERENÇİN A., İNCE İLARSLAN H. G.
HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, vol.47, no.4, pp.793-804, 2018 (SCI-Expanded)
- IV. On discrete Picard operators
ARAL A., İNCE İLARSLAN H. G., TUNCA G. B.
MATHEMATICAL METHODS IN THE APPLIED SCIENCES, vol.39, no.18, pp.5140-5148, 2016 (SCI-Expanded)
- V. Convergence in Variation for Bernstein-Type Operators
İNCE İLARSLAN H. G., Bascanbaz-Tunca G.
MEDITERRANEAN JOURNAL OF MATHEMATICS, vol.13, no.5, pp.2577-2592, 2016 (SCI-Expanded)
- VI. Bivariate Bernstein type operators
Bascanbaz-Tunca G., İNCE İLARSLAN H. G., ERENÇİN A.
APPLIED MATHEMATICS AND COMPUTATION, vol.273, pp.543-552, 2016 (SCI-Expanded)
- VII. Kantrovich Type Generalization of Meyer-Konig and Zeller Operators via Generating Functions
OLGUN A., İNCE İLARSLAN H. G., Tasdelen F.
ANALELE STIINTIFICE ALE UNIVERSITATII OVIDIU CONSTANTA-SERIA MATEMATICA, vol.21, no.3, pp.209-221, 2013 (SCI-Expanded)

- VIII. **A class of linear positive operators in weighted spaces**
 ERENÇİN A., İNCE İLARSLAN H. G., OLGUN A.
 MATHEMATICA SLOVACA, vol.62, no.1, pp.63-76, 2012 (SCI-Expanded)
- IX. **A-Wedge and Weak A-Wedge FK-Spaces**
 İNCE İLARSLAN H. G., BUNTINAS M.
 MEDITERRANEAN JOURNAL OF MATHEMATICS, vol.9, no.1, pp.239-251, 2012 (SCI-Expanded)
- X. **ON SUMMABILITY AND APPROXIMATING OPERATORS**
 İNCE İLARSLAN H. G., ATLIHAN Ö. G.
 COMPTES RENDUS DE L'ACADEMIE BULGARE DES SCIENCES, vol.63, no.2, pp.181-188, 2010 (SCI-Expanded)
- XI. **Some variations of the Bohman-Korovkin theorem**
 Atlıhan O. G., Ince H. G., ORHAN C.
 MATHEMATICAL AND COMPUTER MODELLING, vol.50, pp.1205-1210, 2009 (SCI-Expanded)
- XII. **Cesaro semiconservative FK spaces**
 Ince H. G.
 MATHEMATICAL COMMUNICATIONS, vol.14, no.1, pp.157-165, 2009 (SCI-Expanded)
- XIII. **Cesaro wedge and weak Cesaro wedge FK-spaces**
 Ince H. G.
 CZECHOSLOVAK MATHEMATICAL JOURNAL, vol.52, no.1, pp.141-154, 2002 (SCI-Expanded)

Articles Published in Other Journals

- I. **DEGREE OF APPROXIMATION FOR BIVARIATE SZASZ-KANTOROVICH TYPE BASED ON BRENKE TYPE POLYNOMIALS**
 Begen S., İnce İlarslan H. G.
 HONAM MATHEMATICAL JOURNAL, vol.42, pp.251-268, 2020 (ESCI)
- II. **QUANTITATIVE ESTIMATES FOR MODIFIED BETA OPERATORS**
 Bascanbaz-Tunca G., ERENÇİN A., İNCE İLARSLAN H. G.
 MATEMATICKI VESNIK, vol.71, no.4, pp.359-367, 2019 (ESCI)
- III. **Approximation Properties of Bivariate Generalization of Meyer König And Zeller Type Operators**
 Ince İlarslan H. G., Yıldız Ozkan E.
 ANALELE STIINTIFICE ALE UNIVERSITATII AL I CUZA DIN IASI - MATEMATICA, vol.63, no.1, pp.181-191, 2017 (Scopus)
- IV. **On bivariate Bernstein Chlodowsky operators**
 İnce İlarslan H. G.
 J. Class. Anal., vol.8, pp.147-153, 2016 (Peer-Reviewed Journal)
- V. **A note on some subspaces of an FK-space**
 İNCE İLARSLAN H. G.
 Demonstratio Math., 2007 (ESCI)
- VI. **Combinations of distinguished subsets and Cesàro conullity.**
 İNCE İLARSLAN H. G.
 Commun. Math. Anal., 2006 (Peer-Reviewed Journal)
- VII. **Cesáro conull FK-spaces.**
 İnce İlarslan H. G.
 Demonstratio Math., vol.33, 2000 (ESCI)

Papers Presented at Peer-Reviewed Scientific Conferences

- I. **Some Results on GBS Operators**
 İnce İlarslan H. G.

IECMSA-2019 8.th International Eurasian Conference on Mathematical Sciences and Applications, Baku, Azerbaijan,
27 - 30 August 2019, pp.282

II. Approximation of B-continuous and B-Differentiable Functions by GBS Operators

İnce İlarslan H. G.

IECMSA-2018 7.nd International Eurasian Conference on Mathematical Sciences and Applications, Kyyiv, Ukraine,
28 - 31 August 2018, pp.57

III. Parametric Generalization of Baskakov Kantorovich-type Operators

İnce İlarslan H. G., Erbay H., Aral A.

An Istanbul Meeting for World Mathematicians" Minisymposium on Approximation Theory &Minisymposium on
Math Education, İstanbul, Turkey, 3 - 06 July 2018, pp.147

IV. Generalized Lupaş Operators

İNCE İLARSLAN H. G., ARAL A., Bascanbaz-Tunca G.

6th International Eurasian Conference on Mathematical Sciences and Applications (IECMSA), Budapest, Hungary,
15 - 17 August 2017, vol.1926

V. Bivariate Meyer-König Zeller Operators

İnce İlarslan H. G.

14. Matematik Sempozyumu, Niğde, Turkey, 14 - 16 May 2015, pp.40

VI. Some Results On FK-Spaces

İnce İlarslan H. G.

3.rd International Eurasian Conference On Mathematical Sciences And Applications, Vienna, Austria, 25 - 28 August
2014, pp.89

VII. On Bivariate Bernstein-Chlodovsky Operator

İnce İlarslan H. G.

14.th International Congress on Computational and Applied Mathematics, Antalya, Turkey, 29 September - 02
October 2009, pp.2

VIII. Cesaro Conull FK-Spaces

İnce İlarslan H. G.

International Workshop on Sequence Spaces and Applications , Ankara, Turkey, 10 - 16 August 1998, pp.14

Metrics

Publication: 28

Citation (WoS): 56

Citation (Scopus): 58

H-Index (WoS): 4

H-Index (Scopus): 4

Non Academic Experience

Gazi Üniversitesi, Doçent

Gazi Üniversitesi, Yardımcı Doçent

Ankara Üniversitesi, Araştırma Görevlisi