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Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAR-7375-2021

ScopusID: 6507144114

Yoksis Researcher ID: 30449

Education Information

Doctorate, Gazi University, Fen Bilimleri Enstitüsü, Matematik (Dr), Turkey 1999 - 2003

Postgraduate, Ankara University, Fen Bilimleri Enstitüsü, Matematik (Yl) (Tezli), Turkey 1996 - 1999

Undergraduate, Gazi University, Fen-Edebiyat Fakültesi, Matematik Pr., Turkey 1992 - 1996

Dissertations

Doctorate, İki değişkenli genelleştirilmiş Bernstein polinomları için ters teoremler, Gazi University, Kore Dili ve Edebiyatı Anabilim Dalı, Matematik (Dr), 2003

Postgraduate, ki değişkenli fonksiyonların Bernstein polinomları, Ankara University, Fen Bilimleri Enstitüsü, Matematik (Yl) (Tezli), 1999

Research Areas

Mathematics, Natural Sciences

Academic Titles / Tasks

Professor, Ankara University, Fen Fakültesi, Matematik Bölümü, 2015 - Continues

Associate Professor, Ankara University, Fen Fakültesi, Matematik Bölümü, 2011 - 2015

Associate Professor, Gazi University, Atatürk Meslek Yüksekokulu, Kimya Ve Kimyasal İşleme Teknolojileri Bölümü, 2010 - 2011

Assistant Professor, Gazi University, Atatürk Meslek Yüksekokulu, Kimya Ve Kimyasal İşleme Teknolojileri Bölümü, 2009 - 2010

Assistant Professor, Kastamonu University, Faculty Of Education, Department Of Mathematics And Science Teaching, 2007 - 2008

Lecturer, Kastamonu University, Faculty Of Education, Department Of Mathematics And Science Teaching, 1999 - 2007

Academic and Administrative Experience

Head of Department, Ankara University, Fen Fakültesi, Matematik Bölümü, 2018 - Continues

Courses

Analiz IV, Undergraduate, 2022 - 2023
Bitirme Projesi, Undergraduate, 2022 - 2023
Vektör Analizi, Undergraduate, 2022 - 2023
İntegral Denklemler, Undergraduate, 2022 - 2023
İleri Reel Analiz, Postgraduate, 2022 - 2023
Analiz III, Undergraduate, 2022 - 2023
Reel Analiz, Postgraduate, 2022 - 2023
İleri Analiz II, Undergraduate, 2021 - 2022
Reel Analiz, Undergraduate, 2022 - 2023
İntegral Denklemler I, Undergraduate, 2015 - 2016
Reel Analiz I, Postgraduate, 2015 - 2016
Matematik I, Undergraduate, 2015 - 2016
İleri Analiz I, Undergraduate, 2015 - 2016
İntegral Denklemler-I, Undergraduate, 2014 - 2015, 2013 - 2014, 2012 - 2013
Matematik-II, Undergraduate, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2006 - 2007
İntegral Denklemler-II, Undergraduate, 2014 - 2015, 2013 - 2014, 2012 - 2013
Matematik-I, Undergraduate, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2006 - 2007
Reel Analiz-I, Postgraduate, 2014 - 2015, 2013 - 2014
Reel Analiz-II, Postgraduate, 2014 - 2015, 2013 - 2014
LİNEER POZİTİF OPERATÖRLERİN YAKLAŞIM ÖZELLİKLERİ- I, Postgraduate, 2012 - 2013, 2011 - 2012
BİLGİSAYAR PROGRAMLAMA-II, Undergraduate, 2012 - 2013
LİNEER POZİTİF OPERATÖRLERİN YAKLAŞIM ÖZELLİKLERİ- II, Postgraduate, 2012 - 2013
BİLGİSAYAR PROGRAMLAMA-I, Undergraduate, 2012 - 2013
ANALİZ - I, Undergraduate, 2011 - 2012
MATEMATİK-I, Associate Degree, 2011 - 2012, 2010 - 2011, 2009 - 2010
VEKTÖREL ANALİZ, Undergraduate, 2011 - 2012
MATEMATİK-II, Associate Degree, 2010 - 2011, 2009 - 2010, 2008 - 2009
Seçmeli-I (Analitik Geometri), Undergraduate, 2007 - 2008
Seçmeli - III (Vektörel Analiz), Undergraduate, 2007 - 2008, 2006 - 2007
Okul Deneyimi-II, Undergraduate, 2007 - 2008, 2006 - 2007
Matematik Öğretimi-I, Undergraduate, 2007 - 2008, 2006 - 2007
Seçmeli-V (Uygulamalı Mat.), Undergraduate, 2007 - 2008
İstatistik ve Olasılık - II, Undergraduate, 2007 - 2008
ANALİTİK GEOMETRİ, Undergraduate, 2007 - 2008
Matematik-V (İstatistik), Undergraduate, 2007 - 2008
Matematik Öğretimi-II, Undergraduate, 2007 - 2008, 2006 - 2007
Okul Deneyimi-I, Undergraduate, 2006 - 2007

Advising Theses

BÜYÜKYAZICI İ., Approximation by singular integral operators, Postgraduate, C.ÇİNBAT(Student), 2021
BÜYÜKYAZICI İ., İbrahimov-Gadjiev operatörlerinin q-genelleşmesi ve yaklaşım özellikleri, Doctorate, S.HERDEM(Student), 2020
BÜYÜKYAZICI İ., q-tomurcuk fonksiyonu ve q-Bezier eğrileri, Postgraduate, M.SARAÇ(Student), 2015

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Weighted approximation by q-Ibragimov-Gadjiev operators**
Herdem S., BÜYÜKYAZICI İ.
MATHEMATICAL COMMUNICATIONS, vol.25, no.2, pp.201-212, 2020 (SCI-Expanded)
- II. **Approximation by Generalized Integral Favard-Szasz Type Operators Involving Sheffer Polynomials**
Karateke S., ATAĞUT Ç., BÜYÜKYAZICI İ.
FILOMAT, vol.33, no.7, pp.1921-1935, 2019 (SCI-Expanded)
- III. **Ibragimov-Gadjiev operators based on q-integers**
Herdem S., BÜYÜKYAZICI İ.
ADVANCES IN DIFFERENCE EQUATIONS, vol.2018, 2018 (SCI-Expanded)
- IV. **Quantitative estimates for a certain bivariate Chlodowsky-Szasz-Kantorovich type operators**
İspir N., BÜYÜKYAZICI İ.
MATHEMATICAL COMMUNICATIONS, vol.21, no.1, pp.31-44, 2016 (SCI-Expanded)
- V. **Approximation by Modified Integral Type Jakimovski-Leviatan Operators**
ATAĞUT Ç., BÜYÜKYAZICI İ.
FILOMAT, vol.30, no.1, pp.29-39, 2016 (SCI-Expanded)
- VI. **Approximation by Kantorovich-Szasz Type Operators Based on Brenke Type Polynomials**
ATAĞUT Ç., BÜYÜKYAZICI İ.
NUMERICAL FUNCTIONAL ANALYSIS AND OPTIMIZATION, vol.37, no.12, pp.1488-1502, 2016 (SCI-Expanded)
- VII. **APPROXIMATION PROPERTIES OF BASKAKOV-BALAZS TYPE OPERATORS FOR FUNCTIONS OF TWO VARIABLES**
ATAĞUT Ç., BÜYÜKYAZICI İ., KIRCI SERENBAY S.
MISKOLC MATHEMATICAL NOTES, vol.16, no.2, pp.667-678, 2015 (SCI-Expanded)
- VIII. **Approximation by Chlodowsky type Jakimovski-Leviatan operators**
BÜYÜKYAZICI İ., Tanberkan H., KIRCI SERENBAY S., ATAĞUT Ç.
JOURNAL OF COMPUTATIONAL AND APPLIED MATHEMATICS, vol.259, pp.153-163, 2014 (SCI-Expanded)
- IX. **The generalized Baskakov type operators**
KIRCI SERENBAY S., ATAĞUT Ç., BÜYÜKYAZICI İ.
JOURNAL OF COMPUTATIONAL AND APPLIED MATHEMATICS, vol.259, pp.226-232, 2014 (SCI-Expanded)
- X. **Approximation by Certain Linear Positive Operators of Two Variables**
Gazanfer A. K., BÜYÜKYAZICI İ.
ABSTRACT AND APPLIED ANALYSIS, vol.2014, 2014 (SCI-Expanded)
- XI. **Approximation properties for generalized Baskakov type operators**
ATAĞUT Ç., KIRCI SERENBAY S., BÜYÜKYAZICI İ.
Mathematical Sciences, vol.7, no.1, pp.21, 2013 (SCI-Expanded)
- XII. **Some properties of generalized şzasz type operators of two variables**
ATAĞUT Ç., BÜYÜKYAZICI İ.
Matematiski Vesnik, vol.64, no.3, pp.246-257, 2012 (SCI-Expanded)
- XIII. **APPROXIMATION PROPERTIES OF TWO-DIMENSIONAL q-BERNSTEIN-CHLODOWSKY-DURRMEYER OPERATORS**
BÜYÜKYAZICI İ., Sharma H.
NUMERICAL FUNCTIONAL ANALYSIS AND OPTIMIZATION, vol.33, no.12, pp.1351-1371, 2012 (SCI-Expanded)
- XIV. **Approximation by Stancu-Chlodowsky polynomials**
Buyukyazici I.
COMPUTERS & MATHEMATICS WITH APPLICATIONS, vol.59, no.1, pp.274-282, 2010 (SCI-Expanded)
- XV. **On the approximation properties of two-dimensional q-Bernstein-Chlodowsky polynomials**
Buyukyazici I.
MATHEMATICAL COMMUNICATIONS, vol.14, no.2, pp.255-269, 2009 (SCI-Expanded)
- XVI. **Rate of convergence by Chlodowsky-Taylor polynomials**
İZGİ A., Buyukyazici I., Ibikli E.

Articles Published in Other Journals

- I. **On approximation process by certain modified Dunkl generalization of Szasz-Beta type operators**
ATAKUT Ç., Karateke S., BÜYÜKYZICI İ.
JOURNAL OF MATHEMATICS AND COMPUTER SCIENCE-JMCS, vol.19, no.1, pp.9-18, 2019 (ESCI)
- II. **On Chlodowsky Variant of Baskakov Type Operators**
ATAKUT Ç., BÜYÜKYZICI İ.
Analysis in Theory and Applications, vol.34, no.4, pp.323-335, 2018 (Peer-Reviewed Journal)
- III. **On the Order of Approximation of Unbounded Functions by the Modified Rational type Baskakov Operators**
ATAKUT Ç., BÜYÜKYZICI İ.
GAZI UNIVERSITY JOURNAL OF SCIENCE, vol.31, no.2, pp.569-576, 2018 (ESCI)
- IV. **Rate of Convergence for Modified Srivastava–Gupta Type Operators**
ATAKUT Ç., BÜYÜKYZICI İ.
Turk. J. Math. Comput. Sci., vol.7, pp.10-15, 2017 (Peer-Reviewed Journal)
- V. **Rate of Convergence for Modified Srivastava-Gupta Type Operations**
ATAKUT Ç., BÜYÜKYZICI İ.
Türk. J. Math. Comput. Sci., vol.7, pp.10-15, 2017 (Peer-Reviewed Journal)
- VI. **Approximation Properties for Stancu Type q Baskakov Kantorovich Operators**
ATAKUT Ç., BÜYÜKYZICI İ.
Mathematical Sciences Letters, vol.3, no.1, pp.53-58, 2014 (Peer-Reviewed Journal)
- VII. **INTEGRAL OPERATORS CONTAINING SHEFFER POLYNOMIALS**
SUCU S., BÜYÜKYZICI İ.
Bulletin of Mathematical Analysis and Applications, vol.4, no.4, pp.56-66, 2012 (ESCI)
- VIII. **SOME PROPERTIES OF GENERALIZED SZASZ TYPE OPERATORS OF TWO VARIABLES**
ATAKUT Ç., BÜYÜKYZICI İ.
Matematichki Vesnik, vol.64, no.3, pp.246-257, 2012 (Peer-Reviewed Journal)
- IX. **Direct and converse theorems for generalized Bernstein polynomials based on the q integers**
BÜYÜKYZICI İ.
Journal of Applied Functional Analysis, vol.7, no.1, pp.81-91, 2012 (Peer-Reviewed Journal)
- X. **On Generalized q Bernstein Polynomials**
BÜYÜKYZICI İ.
Global Journal of Pure and Applied Mathematics, vol.6, no.3, pp.293-304, 2010 (Peer-Reviewed Journal)
- XI. **A KOROVKIN TYPE APPROXIMATION THEOREM AND ITS APPLICATION**
BÜYÜKYZICI İ.
Fasciculi Mathematici, vol.45, pp.13-23, 2010 (Peer-Reviewed Journal)
- XII. **Recognition of human speech using q Bernstein polynomials**
KARACI A., BÜYÜKYZICI İ., AKTÜMEN M.
International Journal of Computer Applications, vol.2, no.5, pp.22-28, 2010 (Peer-Reviewed Journal)
- XIII. **Direct and inverse results for generalized q Bernstein polynomials**
BÜYÜKYZICI İ.
Far East Journal of Applied Mathematics, vol.34, no.2, pp.191-204, 2009 (Peer-Reviewed Journal)
- XIV. **On a generalization of Bernstein Chlodovsky polynomials for two variables**
İZGİ A., BÜYÜKYZICI İ.
INTERNATIONAL MATHEMATICAL FORUM, vol.1, no.21, pp.1001-1015, 2006 (Peer-Reviewed Journal)
- XV. **Sınırsız aralıklarda yaklaşım ve yaklaşım hızı**
İZGİ A., BÜYÜKYZICI İ.
Gazi Üniversitesi Kastamonu Eğitim Dergisi, vol.11, no.2, pp.451-461, 2003 (Peer-Reviewed Journal)

- XVI. **İki deęişkenli genelleştirilmiş Bernstein polinomlarının yaklaşma hızı üzerine**
BÜYÜKYAZICI İ.
Gazi Üniversitesi Kastamonu Eğitim Dergisi, vol.11, no.1, pp.165-174, 2003 (Peer-Reviewed Journal)
- XVII. **ON BERNSTEIN POLYNOMIALS OF TWO VARIABLE FUNCTIONS**
BÜYÜKYAZICI İ.
Gazi University Journal of Science, vol.16, no.1, pp.63-67, 2003 (Peer-Reviewed Journal)

Activities in Scientific Journals

International Journal of Advances in Applied Mathematics and Mechanics, Publication Committee Member, 2019 - Continues

OPEN JOURNAL OF DISCRETE MATHEMATICS, Publication Committee Member, 2015 - Continues

Metrics

Publication: 33

Citation (WoS): 163

Citation (Scopus): 130

H-Index (WoS): 8

H-Index (Scopus): 7