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Personal Information

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Education Information

Doctorate, Ankara University, Fen Bilimleri Enstitüsü, Matematik (Dr), Turkey 1993 - 1997

Post Graduate, Ankara University, Fen Bilimleri Enstitüsü, Matematik (YI) (Tezli), Turkey 1990 - 1993

Under Graduate, Ankara University, Fen Fakültesi, Matematik Bölümü, Turkey 1985 - 1989

Foreign Languages

English, B2 Upper Intermediate

Research Areas

Mathematics

Academic Titles / Tasks

Professor, Gazi University, Fen Fakültesi, Matematik, 2013 - Continues

Associate Professor, Gazi University, Fen Fakültesi, Matematik, 2007 - 2013

Associate Professor, Ankara University, Faculty Of Science, Department Of Mathematics, 2005 - 2007

Assistant Professor, Ankara University, Fen Fakültesi, Matematik Bölümü, 2001 - 2005

Lecturer PhD, Ankara University, Fen Fakültesi, Matematik Bölümü, 1997 - 2001

Research Assistant, Ankara University, Fen Fakültesi, Matematik Bölümü, 1989 - 1997

Academic and Administrative Experience

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

Gazi University, Fen Fakültesi, Matematik Bölümü, 2014 - 2017

Gazi University, Fen Fakültesi, Matematik Bölümü, 2007 - 2009

Advising Theses

DOĞRU O., Doğurucu fonksiyonların bir sınıfını içeren lineer pozitif operatörlerin yaklaşım özellikleri, Post Graduate, G.YURTSEVER(Student), 2019

DOĞRU O., Approximation Properties Of Linear Positive Operators Including Generating Functions, G.Yurtsever(Student),

2019

- DOĞRU O., Agratini operatörleri ve bazı genelleşmelerinin yaklaşım özellikleri, Doctorate, A.GÜLSÜN(Student), 2019
- DOĞRU O., Investigation Of Approach Properties Of Linear Positive Operators, Post Graduate, Z.EKREM(Student), 2018
- DOĞRU O., Approximation Properties Of A Generating Functions Type Generalization Of Meyer-König And Zeller Operators, Post Graduate, K.KÜNYELİ(Student), 2017
- DOĞRU O., Approximation Properties Of A Generalization Of Q-Balazs Szabados Operators, Post Graduate, P.KARATAŞLI(Student), 2015
- DOĞRU O., The approximation properties of king type generalizations of q-bernstein operators, Doctorate, K.KANAT(Student), 2012
- DOĞRU O., Bazı integral tipli lineer pozitif operatör dizilerinin genelleşmelerinin yaklaşım özellikleri, Doctorate, M.ÖRKÜ(Student), 2011
- DOĞRU O., The approximation properties of q generalizations of some linear positive operator sequences, M.Örkü(Student), 2011
- DOĞRU O., Q-Kantorovich tipli lineer pozitif operatörlerin yaklaşım özellikleri, Doctorate, Ö.ÖZER(Student), 2010
- DOĞRU O., APPROXIMATION PROPERTIES OF KING TYPE GENERALIZATIONS OF BIVARIATE q BERNSTEIN POLYNOMIALS, H.Erhan(Student), 2010
- DOĞRU O., İki değişkenli q-Bernstein polinomlarının King tipli genelleşmelerinin yaklaşım özellikleri, Post Graduate, H.ERHAN(Student), 2010
- DOĞRU O., Agratini Operatörlerinin Kantorovich Tipli İntegral Genelleşmesi İle İntegrallenebilir Fonksiyonların Lp-Normunda Yaklaşımı, Post Graduate, S.DALLI(Student), 2008
- DOĞRU O., İki değişkenli q-Bleimann, Butzer ve Hahn operatörlerinin yaklaşım özellikleri, Doctorate, S.SİBEL(Student), 2008
- DOĞRU O., q-Meyer-König ve Zeller operatörlerinin yaklaşım özellikleri, Post Graduate, R.CANATAN(Student), 2008
- DOĞRU O., Ağırlıklı uzaylarda Szasz operatörlerinin yaklaşım özellikleri ve yakınsaklık oranı, Post Graduate, A.ILIKKAN(Student), 2005
- DOĞRU O., q-bernstein polinomlarının yaklaşım özellikleri, Post Graduate, A.ALTUNBAŞ(Student), 2005
- DOĞRU O., Balasz operatörleri ve bazı genelleşmeleri için korovkin tipli hata tahminleri, Post Graduate, B.DEMİRTÜRK(Student), 2005
- DOĞRU O., Stancu tipli meyer-könig ve zeller operatörlerinin bir genelleşmesi ile sürekli fonksiyonların yaklaştırılması ve yaklaşım oranı, Post Graduate, S.YILMAZ(Student), 2005
- DOĞRU O., Szasz operatörleri ve bir genelleşmesinin yaklaşım ve diferansiyel özellikleri, Post Graduate, M.YILMAZ(Student), 2004

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **A-Statistical L-p approximation properties of an integral variant of a general positive linear operators**
Muraru C., DOĞRU O., Gulsun A.
ANNALS OF FUNCTIONAL ANALYSIS, vol.11, no.3, pp.761-779, 2020 (Journal Indexed in SCI)
- II. **APPROXIMATION PROPERTIES OF CERTAIN BERNSTEIN-STANCU TYPE OPERATORS**
Acu A., DOĞRU O., Muraru C. V. , Radu V. A.
JOURNAL OF MATHEMATICAL INEQUALITIES, vol.13, no.3, pp.687-702, 2019 (Journal Indexed in SCI)
- III. **On the Rates of Convergence of the q-Lupas-Stancu Operators**
DOĞRU O., İÇÖZ G., Kanat K.
FILOMAT, vol.30, no.5, pp.1151-1160, 2016 (Journal Indexed in SCI)
- IV. **Approximation Properties of Generalized Jain Operators**
Dogru O., Mohapatra R. N. , Orkcü M.
FILOMAT, vol.30, no.9, pp.2359-2366, 2016 (Journal Indexed in SCI)
- V. **Statistical approximation properties of King-type modification of Lupas operators**
DOĞRU O., Kanat K.

COMPUTERS & MATHEMATICS WITH APPLICATIONS, vol.64, no.4, pp.511-517, 2012 (Journal Indexed in SCI)

- VI. **Statistical approximation of a kind of Kantorovich type q -Szász-Mirakjan operators**
ÖRKÜ M., DOĞRU O.
NONLINEAR ANALYSIS-THEORY METHODS & APPLICATIONS, vol.75, no.5, pp.2874-2882, 2012 (Journal Indexed in SCI)
- VII. **On statistical approximation properties of the Kantorovich type Lupas operators**
DOĞRU O., Kanat K.
MATHEMATICAL AND COMPUTER MODELLING, vol.55, pp.1610-1621, 2012 (Journal Indexed in SCI)
- VIII. **q -Szász-Mirakjan-Kantorovich type operators preserving some test functions**
ÖRKÜ M., DOĞRU O.
APPLIED MATHEMATICS LETTERS, vol.24, no.9, pp.1588-1593, 2011 (Journal Indexed in SCI)
- IX. **Weighted statistical approximation by Kantorovich type q -Szász-Mirakjan operators**
ÖRKÜ M., DOĞRU O.
APPLIED MATHEMATICS AND COMPUTATION, vol.217, no.20, pp.7913-7919, 2011 (Journal Indexed in SCI)
- X. **On statistical approximation properties of Kantorovich type q -Bernstein operators**
Dalmanoglu O., Dogru O.
MATHEMATICAL AND COMPUTER MODELLING, vol.52, pp.760-771, 2010 (Journal Indexed in SCI)
- XI. **WEIGHTED APPROXIMATION BY q -SZASZ-KING TYPE OPERATORS**
Agratini O., Dogru O.
TAIWANESE JOURNAL OF MATHEMATICS, vol.14, no.4, pp.1283-1296, 2010 (Journal Indexed in SCI)
- XII. **Statistical approximation by a modification of q -Meyer-Konig and Zeller operators**
Dogru O., ÖRKÜ M.
APPLIED MATHEMATICS LETTERS, vol.23, no.3, pp.261-266, 2010 (Journal Indexed in SCI)
- XIII. **King type modification of Meyer-Konig and Zeller operators based on the q -integers**
Dogru O., ÖRKÜ M.
MATHEMATICAL AND COMPUTER MODELLING, vol.50, pp.1245-1251, 2009 (Journal Indexed in SCI)
- XIV. **Statistical approximation properties of q -Bleimann, Butzer and Hahn operators**
Ersan S., DOĞRU O.
MATHEMATICAL AND COMPUTER MODELLING, vol.49, pp.1595-1606, 2009 (Journal Indexed in SCI)
- XV. **Korovkin Type Error Estimates for Positive Linear Operators Involving Some Special Functions**
Dogru O., Erkus-Duman E.
TURKISH JOURNAL OF MATHEMATICS, vol.33, no.1, pp.41-53, 2009 (Journal Indexed in SCI)
- XVI. **Statistical approximation by Stancu type bivariate generalization of Meyer-Konig and Zeller type operators**
Dogru O., Muraru C.
MATHEMATICAL AND COMPUTER MODELLING, vol.48, pp.961-968, 2008 (Journal Indexed in SCI)
- XVII. **Approximation properties of a generalization of positive linear operators**
Dogru O.
JOURNAL OF MATHEMATICAL ANALYSIS AND APPLICATIONS, vol.342, no.1, pp.161-170, 2008 (Journal Indexed in SCI)
- XVIII. **On Kantorovich process of a sequence of the generalized linear positive operators**
İSPİR N., ARAL A., Dogru O.
NUMERICAL FUNCTIONAL ANALYSIS AND OPTIMIZATION, vol.29, pp.574-589, 2008 (Journal Indexed in SCI)
- XIX. **DIRECT AND INVERSE THEOREMS ON STATISTICAL APPROXIMATIONS BY POSITIVE LINEAR OPERATORS**
Dogru O.
ROCKY MOUNTAIN JOURNAL OF MATHEMATICS, vol.38, no.6, pp.1959-1973, 2008 (Journal Indexed in SCI)
- XX. **Bleimann, Butzer, and Hahn operators based on the q -integers**
ARAL A., Dogru O.
JOURNAL OF INEQUALITIES AND APPLICATIONS, 2007 (Journal Indexed in SCI)
- XXI. **On integral type generalizations of positive linear operators**

- Duman O., Oezarslan M. A., Dogru O.
STUDIA MATHEMATICA, vol.174, no.1, pp.1-12, 2006 (Journal Indexed in SCI)
- XXII. **Korovkin-type approximation properties of bivariate q-Meyer-Konig and Zeller operators**
Dogru O., Gupta V.
CALCOLO, vol.43, no.1, pp.51-63, 2006 (Journal Indexed in SCI)
- XXIII. **The generalization of Meyer-Konig and Zeller operators by generating functions**
Altin A., Dogru O., Tasdelen F.
JOURNAL OF MATHEMATICAL ANALYSIS AND APPLICATIONS, vol.312, no.1, pp.181-194, 2005 (Journal Indexed in SCI)
- XXIV. **Rates of A-statistical convergence of approximating operators**
Ozarslan M., Duman O., Dogru O.
CALCOLO, vol.42, no.2, pp.93-104, 2005 (Journal Indexed in SCI)
- XXV. **Monotonicity and the asymptotic estimate of bleimann butzer and hahn operators based on q-Integers**
DOĞRU O., Gupta V.
Georgian Mathematical Journal, vol.12, no.3, pp.415-422, 2005 (Journal Indexed in SCI Expanded)
- XXVI. **Statistical approximation by generalized Meyer-Konig and Zeller type operators**
Dogru O., Duman O., Orhan C.
STUDIA SCIENTIARUM MATHEMATICARUM HUNGARICA, vol.40, no.3, pp.359-371, 2003 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Statistical approximation properties of a generalization of positive linear operators**
CANATAN İLBEY R., DOĞRU O.
EUROPEAN JOURNAL OF PURE AND APPLIED MATHEMATICS, vol.5, no.1, pp.75-87, 2012 (Refereed Journals of Other Institutions)
- II. **Kantorovich process of linear positive operators via biorthogonal polynomials**
İÇÖZ G., TAŞDELEN YEŞİLDAL F., DOĞRU O.
JOURNAL OF INEQUALITIES AND SPECIAL FUNCTIONS, vol.3, no.4, pp.77-84, 2012 (Refereed Journals of Other Institutions)
- III. **Statistical approximation properties of Kantorovich type q MKZ operators**
DALMANOĞLU Ö., DOĞRU O.
Applied Mathematics And Computation, vol.19, no.1, pp.15-24, 2010 (Refereed Journals of Other Institutions)
- IV. **Korovkin Type Error Estimates for Positive Linear Operators Involving Some Special Functions**
Doğru O., Erkuş-Duman E.
Turkish Journal Of Mathematics, vol.33, no.1, pp.41-53, 2009 (Refereed Journals of Other Institutions)
- V. **Approximation of bounded variation functions by a Bezier variant of the Bleimann, Butzer and Hahn operators**
GUPTA V., DOĞRU O.
Int. J. Math. Math. Sci., 2006 (Refereed Journals of Other Institutions)
- VI. **Direct results for certain family of integral type operators**
GUPTA V., DOĞRU O.
JIPAM J. Inequal. Pure Appl. Math., vol.6, no.1, pp.1-11, 2005 (Refereed Journals of Other Institutions)
- VII. **Rates of convergence of Meyer König and Zeller operators based on q integers**
ALTIN A., DOĞRU O., ÖZARSLAN M. A.
WSEAS Trans. Math., vol.4, no.4, pp.313-318, 2005 (Refereed Journals of Other Institutions)
- VIII. **On the approximation properties of bivariate Bleimann, Butzer and Hahn operators**
ALTIN A., DOĞRU O., ÖZARSLAN M. A.
WSEAS Trans. Math., vol.4, no.4, pp.327-332, 2005 (Refereed Journals of Other Institutions)
- IX. **Direct estimates and Lp approximation properties for Agratini operators and their integral form**

- ARAL A., DOĞRU O.
Int. J. Comput. Numer. Anal. Appl., vol.5, no.2, pp.173-187, 2004 (Refereed Journals of Other Institutions)
- X. **Direct and inverse estimations for a generalization of positive linear operators**
ALTIN A., DOĞRU O.
WSEAS Trans. Math., vol.3, no.3, pp.602-606, 2004 (Refereed Journals of Other Institutions)
- XI. **Kantorovich type generalization of certain class of positive linear operators**
ALTIN A., DOĞRU O., ÖZARSLAN M. A.
WSEAS Trans. Math., vol.3, no.3, pp.607-610, 2004 (Refereed Journals of Other Institutions)
- XII. **Weighted approximation of continuous functions on the all positive axis by modified linear positive operators**
DOĞRU O.
Int. J. Comput. Numer. Anal. Appl., vol.1, no.2, pp.135-147, 2002 (Refereed Journals of Other Institutions)
- XIII. **Weighted approximation properties of Szasz-type operators**
DOĞRU O.
Int. Math. J., vol.2, no.9, pp.889-895, 2002 (Refereed Journals of Other Institutions)
- XIV. **On Bleiman Butzer and Hahn type generalization of Balazs operators**
DOĞRU O.
Studia Univ. "Babeş-Bolyai", Mathematica, vol.47, no.4, pp.37-45, 2002 (Refereed Journals of Other Institutions)
- XV. **Galileo Galilei nin ilginç bir dizisi**
DOĞRU O.
Matematik Dünyası, vol.10, no.1, 2001 (Other Refereed National Journals)
- XVI. **Approximation by Kantorovich type generalization of Meyer König and Zeller operators**
Doğru O., Özalp N.
Glasnik Matematički, vol.36, pp.311-318, 2001 (Journal Indexed in ESCI)
- XVII. **Eğlenceli bir Matematik sorusu**
DOĞRU O.
Matematik Dünyası, vol.9, no.3, 2000 (Other Refereed National Journals)
- XVIII. **Gauss toplamları için açık formüller**
DOĞRU O.
Matematik Dünyası, vol.8, no.3, 1999 (Other Refereed National Journals)
- XIX. **Approximation order and asymptotic approximation for generalized Meyer König and Zeller operators**
DOĞRU O.
Math. Balkanica, vol.12, pp.359-368, 1998 (Refereed Journals of Other Institutions)
- XX. **On a certain family of linear positive operators**
DOĞRU O.
Turkish Journal Of Mathematics, vol.21, pp.387-399, 1997 (Refereed Journals of Other Institutions)
- XXI. **On the order of approximation of unbounded functions by the family of generalized linear positive operators**
DOĞRU O.
COMMUNICATIONS FACULTY OF SCIENCES UNIVERSITY OF ANKARA-SERIES A1 MATHEMATICS AND STATISTICS, vol.46, pp.173-181, 1997 (Other Refereed National Journals)

Books & Book Chapters

- I. **Diferensiyel Denklemlerin Temelleri**
DOĞRU O.
Nobel, 2013

Refereed Congress / Symposium Publications in Proceedings

- I. **Genelleştirilmiş İki Değişkenli Baskakov Operatör Dizisinin Düzgün Yakınsaklığı**
Sariteke Z. E. , DOĞRU O., ÖRKCÜ M.
11. Matematik Günleri, Turkey, 26 - 27 May 2016
- II. **On the rates of convergence of a Stancu type generalization of the Lupaş operators based on q integers**
DOĞRU O., KANAT K.
ICAAM 2012, 18 - 21 October 2012
- III. **Szasz-Mirakyan- Kantorovich operatör dizilerinin q genelleşmesi**
DOĞRU O., ÖRKCÜ M.
5. Ankara Matematik Günleri, Turkey, 3 - 04 June 2010
- IV. **Necessary conditions to obtain Voronovskaja type asymptotic formulae via statistical limit**
Dogru O.
12th WSEAS International Conference on APPLIED MATHEMATICS, Cairo, Egypt, 29 - 31 December 2007, pp.128-129
- V. **On statistical approximation properties of Stancu type bivariate generalization of q-Balazs-Szabados operators**
DOĞRU O.
Int. Conf. Num. Anal. Appr. Theory Cluj Napoca, 4 - 08 July 2006
- VI. **On the approximation properties of bivariate Bleimann Butzer and Hahn operators**
ALTIN A., DOĞRU O., ÖZARSLAN M. A.
WSEAS, 16 - 18 December 2005, vol.4
- VII. **Direct and inverse estimations for a generalization of certain class of positive linear operators**
ALTIN A., DOĞRU O.
WSEAS, 17 - 19 August 2004
- VIII. **Ağırlıklı uzaylarda Szasz tipinde operatörler dizisinin sürekli fonksiyonlara yaklaşımı**
GADJIEVA E., DOĞRU O.
II. Uluslararası Kızılrnak Fen Bilimleri Kongresi, Turkey, 20 - 22 May 1998
- IX. **Genelleştirilmiş lineer pozitif operatör ailesinin ve türevlerinin yakınsaklığı üzerine**
DOĞRU O.
I. Kızılrnaf Fen Bilimleri Kongresi, Turkey, 14 - 16 May 1997

Citations

Total Citations (WOS):365

h-index (WOS):13