

Assoc. Prof. GÜRHAN İÇÖZ

Personal Information

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Education Information

Doctorate, Ankara University, Fen Bilimleri Enstitüsü, Matematik (Dr), Turkey 2008 - 2014

Post Graduate, Ankara University, Fen Bilimleri Enstitüsü, Matematik (YI) (Tezli), Turkey 2006 - 2008

Under Graduate, Ankara University, Fen Fakültesi, Matematik Bölümü, Turkey 2002 - 2006

Dissertations

Doctorate, Ortogonal ve biortogonal polinomları içeren bazı lineer pozitif operatörlerin yaklaşım özellikleri, Ankara University, Fen Bilimleri Enstitüsü, Matematik (Dr), 2014

Post Graduate, Doğurucu fonksiyonlar içeren lineer pozitif operatörlerin yaklaşım özellikleri, Ankara University, Fen Bilimleri Enstitüsü, Matematik (YI) (Tezli), 2008

Research Areas

Approximations and Expansions

Academic Titles / Tasks

Research Assistant, Gazi University, Fen Fakültesi, Matematik Bölümü, 2007 - Continues

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

- I. **Kantorovich-Stancu type operators including Boas-Buck type polynomials**
ÇEKİM B., AKTAŞ R., İÇÖZ G.
HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, vol.48, no.2, pp.460-471, 2019 (Journal Indexed in SCI)
- II. **q-ANALOGUE OF MITTAG-LEFFLER OPERATORS**
İÇÖZ G., ÇEKİM B.
MISKOLC MATHEMATICAL NOTES, vol.18, no.1, pp.211-221, 2017 (Journal Indexed in SCI)
- III. **Approximation by Operators Including Generalized Appell Polynomials**
İÇÖZ G., Varma S., Sucu S.
FILOMAT, vol.30, no.2, pp.429-440, 2016 (Journal Indexed in SCI)
- IV. **Stancu-Type Generalizations of the Chan-Chyan-Srivastava Operators**
İÇÖZ G., ÇEKİM B.
FILOMAT, vol.30, no.14, pp.3733-3742, 2016 (Journal Indexed in SCI)
- V. **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)

- VI. **ON LINEAR POSITIVE OPERATORS INVOLVING BIORTHOGONAL POLYNOMIAL**
 İÇÖZ G., YEŞİLDAL F. T., Varma S.
 ARS COMBINATORIA, vol.105, pp.319-331, 2012 (Journal Indexed in SCI)
- VII. **Generalization of Szasz operators involving Brenke type polynomials**
 Varma S., Sucu S., İÇÖZ G.
 COMPUTERS & MATHEMATICS WITH APPLICATIONS, vol.64, no.2, pp.121-127, 2012 (Journal Indexed in SCI)
- VIII. **On Some Extensions of Szasz Operators Including Boas-Buck-Type Polynomials**
 Sucu S., İÇÖZ G., Varma S.
 ABSTRACT AND APPLIED ANALYSIS, 2012 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Beta Generalization of Stancu-Durrmeyer Operators Involving a Generalization of Boas-Buck Type Polynomials**
 İÇÖZ G., Eryigit H.
 GAZI UNIVERSITY JOURNAL OF SCIENCE, vol.33, no.3, pp.715-724, 2020 (Journal Indexed in ESCI)
- II. **Approximation Properties of an Extended Family of the Szasz-Mirakjan Beta-Type Operators**
 Srivastava H. M., İÇÖZ G., ÇEKİM B.
 AXIOMS, vol.8, no.4, 2019 (Journal Indexed in ESCI)
- III. **Approximation Properties of an Extended Family of the Szász-Mirakjan Beta-Type Operators**
 srivastava h. m., İÇÖZ G., ÇEKİM B.
 Axioms, 2019 (Refereed Journals of Other Institutions)
- IV. **WEIGHTED APPROXIMATION PROPERTIES OF STANCU TYPE MODIFICATION OF q -SZASZ-DURRMEYER OPERATORS**
 İÇÖZ G., Mohapatra R. N.
 COMMUNICATIONS FACULTY OF SCIENCES UNIVERSITY OF ANKARA-SERIES A1 MATHEMATICS AND STATISTICS, vol.65, no.1, pp.87-103, 2016 (Journal Indexed in ESCI)
- V. **Weighted approximation properties of Stancu type modification of q Szász Durrmeyer operators**
 İÇÖZ G., mohapatra r.
 Communications Faculty Of Science University of Ankara Series A1 Mathematics and Statistics, vol.65, no.1, pp.87-103, 2016 (Refereed Journals of Other Institutions)
- VI. **Durrmeyer-Type Generalization of Mittag-Leffler Operators**
 İÇÖZ G., ÇEKİM B.
 GAZI UNIVERSITY JOURNAL OF SCIENCE, vol.28, no.2, pp.259-263, 2015 (Journal Indexed in ESCI)
- VII. **Approximation properties by q Durrmeyer Stancu operators**
 İÇÖZ G., Mohapatra R.
 Analysis in Theory and Applications, vol.29, no.4, pp.373-383, 2013 (Refereed Journals of Other Institutions)
- VIII. **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)

Books & Book Chapters

- I. **Approximation properties of linear positive operators with the help of Biorthogonal polynomials**
 İÇÖZ G.
 in: Mathematics and Computing 2013 201 Springer Proceedings in Mathematics Statistics 91, Ram N. Mohapatra, Debasis Giri, P. K. Saxena, P. D. Srivastava, Editor, Springer, Haldia, pp.200-214, 2014

Refereed Congress / Symposium Publications in Proceedings

- I. **Approximation properties of linear positive operators with the help of Biorthogonal polynomials**
İÇÖZ G.
International Conference on Mathematics and Computing, 26 - 29 December 2013
- II. **Brenke type polynomials in weighted spaces**
İÇÖZ G., TAŞDELEN YEŞİLDAL F.
Turkish-Ukrainian Scientific Conference, Mathematical Analysis, Differential Equations and Their applications, 4 - 09 September 2012
- III. **Integral type modification for q Laguerre polynomials**
İÇÖZ G., VARMA S., TAŞDELEN YEŞİLDAL F.
International Conference on Applied Analysis and Algebra, Yıldız Technical University, 29 June - 02 July 2011
- IV. **Konhauser polinomlarını içeren lineer pozitif operatörlerin yaklaşım özellikleri**
İÇÖZ G., VARMA S., TAŞDELEN YEŞİLDAL F.
5. Ankara Matematik Günleri, Turkey, 3 - 04 June 2010, pp.52
- V. **On linear positive operators including q Konhauser polynomials**
TAŞDELEN YEŞİLDAL F., İÇÖZ G.
14th International Congress on Computational and Applied Mathematics, 29 September - 02 October 2009

Citations

Total Citations (WOS):78

h-index (WOS):4