

Assoc. Prof. MEDİHA ÖRKCÜ

Personal Information

Email: medihaakcay@gazi.edu.tr

Web: <https://avesis.gazi.edu.tr/medihaakcay>

Education Information

Doctorate, Gazi University, Fen Bilimleri Enstitüsü, Matematik (Dr), Turkey 2007 - 2011

Postgraduate, Anadolu University, Fen Bilimleri Enstitüsü, Uygulamalı Matematik (YI) (Tezli), Turkey 2004 - 2007

Undergraduate, Anadolu University, Fen Fakültesi, Matematik Bölümü, Turkey 1999 - 2004

Dissertations

Doctorate, Bazı İntegral Tipli Lineer Pozitif Operatör Dizilerinin q-Genelleşmelerinin Yaklaşım Özellikleri, Gazi University, Fen Bilimleri Enstitüsü, Matematik (Dr), 2011

Research Areas

Mathematics

Academic Titles / Tasks

Associate Professor, Gazi University, Fen Fakültesi, Matematik Bölümü, 2014 - Continues

Research Assistant, Gazi University, Fen Fakültesi, Matematik Bölümü, 2005 - Continues

Advising Theses

ÖRKCÜ M., Modifiye Szasz-Mirakyan operatörlerinin yaklaşım özelliklerinin incelenmesi, Postgraduate, E.ERDALOĞLU(Student), 2019

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

- I. **A simplistic approach without epsilon to choose the most efficient unit in data envelopment analysis**
Özsoy V. S. , Örkücü H. H. , Örkücü M.
Expert Systems With Applications, vol.168, pp.1-12, 2021 (Journal Indexed in SCI)
- II. **A minimax approach for selecting the overall and stage-level most efficient unit in two stage production processes**
Ozsoy V. S. , ÖRKCÜ M., ÖRKCÜ H. H.
ANNALS OF OPERATIONS RESEARCH, 2021 (Journal Indexed in SCI)
- III. **An optimistic-pessimistic DEA model based on game cross efficiency approach**
ÖRKCÜ M., Ozsoy V. S. , ÖRKCÜ H. H.
RAIRO-OPERATIONS RESEARCH, vol.54, no.4, pp.1215-1230, 2020 (Journal Indexed in SCI)

- IV. **A neutral cross efficiency approach for basic two stage production systems**
ÖRKÜ H. H. , Ozsoy V. S. , ÖRKÜ M., BAL H.
EXPERT SYSTEMS WITH APPLICATIONS, vol.125, pp.333-344, 2019 (Journal Indexed in SCI)
- V. **Approximation Properties of King Type -Bernstein Operators**
Dalmanoglu O., ÖRKÜ M.
IRANIAN JOURNAL OF SCIENCE AND TECHNOLOGY TRANSACTION A-SCIENCE, vol.43, pp.249-254, 2019 (Journal Indexed in SCI)
- VI. **A new approach based on regression analysis and mathematical programming to multi-group classification problems**
DOĞAN M. İ. , Orman A., ÖRKÜ M., ÖRKÜ H. H.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.34, no.4, pp.1939-1955, 2019 (Journal Indexed in SCI)
- VII. **ON CONVERGENCE PROPERTIES OF GAMMA-STANCU OPERATORS BASED ON q-INTEGERS**
Dalmanoglu O., ÖRKÜ M.
MATHEMATICAL INEQUALITIES & APPLICATIONS, vol.19, no.4, pp.1335-1348, 2016 (Journal Indexed in SCI)
- VIII. **APPROXIMATION PROPERTIES OF STANCU TYPE MEYER- KONIG AND ZELLER OPERATORS**
Orkcu M.
HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, vol.42, no.2, pp.139-148, 2013 (Journal Indexed in SCI)
- IX. **q-Szasz-Mirakyan-Kantorovich Operators of Functions of Two Variables in Polynomial Weighted Spaces**
Orkcu M.
ABSTRACT AND APPLIED ANALYSIS, 2013 (Journal Indexed in SCI)
- X. **Approximation properties of bivariate extension of q-Szasz-Mirakjan-Kantorovich operators**
Orkcu M.
JOURNAL OF INEQUALITIES AND APPLICATIONS, 2013 (Journal Indexed in SCI)
- XI. **Statistical approximation of a kind of Kantorovich type q-Szasz-Mirakjan operators**
ÖRKÜ M., DOĞRU O.
NONLINEAR ANALYSIS-THEORY METHODS & APPLICATIONS, vol.75, no.5, pp.2874-2882, 2012 (Journal Indexed in SCI)
- XII. **q-Szasz-Mirakyan-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)
- XIII. **Weighted statistical approximation by kantorovich type q-Szasz-Mirakjan operators**
ÖRKÜ M., DOĞRU O.
APPLIED MATHEMATICS AND COMPUTATION, vol.217, no.20, pp.7913-7919, 2011 (Journal Indexed in SCI)
- XIV. **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)
- XV. **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)

Articles Published in Other Journals

- I. **On the Chlodowsky variant of Jakimovski-Leviatan-Paltanea Operators**
Dalmanoglu O., ÖRKÜ M.
GAZI UNIVERSITY JOURNAL OF SCIENCE, vol.34, no.3, pp.821-833, 2021 (Journal Indexed in ESCI)
- II. **The most efficient supplier selection with mixed-integer two-stage data envelopment analysis model**
Ozsoy V. S. , ÖRKÜ M., Orkcu H. H.
PAMUKKALE UNIVERSITY JOURNAL OF ENGINEERING SCIENCES-PAMUKKALE UNIVERSITESI MUHENDISLIK

BILIMLERİ DERGİSİ, vol.26, no.4, pp.758-767, 2020 (Journal Indexed in ESCI)

- III. **Some approximation properties of the generalized Baskakov operators**
Patel P., Mishra V. N. , ÖRKCÜ M.
JOURNAL OF INTERDISCIPLINARY MATHEMATICS, vol.21, no.3, pp.611-622, 2018 (Journal Indexed in ESCI)
- IV. **Shape Preserving Properties of the Generalized Baskakov Operators**
ÖRKCÜ M., Patel P., Mishra V. N.
GAZI UNIVERSITY JOURNAL OF SCIENCE, vol.29, no.1, pp.87-94, 2016 (Journal Indexed in ESCI)
- V. **Approximation properties of modified Szász Mirakyan operators in polynomial weighted space**
Prashantkumar P., Vishnu Narayan M., ÖRKCÜ M.
Cogent Mathematics, vol.2, no.1, pp.1-10, 2015 (Refereed Journals of Other Institutions)
- VI. **A Hybrid Applied Optimization Algorithm for Training Multi Layer Neural Networks in the Data Classification**
ÖRKCÜ H. H. , DOĞAN M. İ. , ÖRKCÜ M.
Gazi University Journal of Science, vol.28, no.1, pp.115-132, 2015 (Refereed Journals of Other Institutions)
- VII. **Data Envelopment Analysis Cross Efficiency Evaluation Approach to the Technology Selection**
ÖRKCÜ H. H. , ÖRKCÜ M.
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- VIII. **Approximation properties of modified Szasz-Mirakyan operators in polynomial weighted space**
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- IX. **A Hybrid Applied Optimization Algorithm for Training Multi-Layer Neural Networks in Data Classification**
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GAZI UNIVERSITY JOURNAL OF SCIENCE, vol.28, no.1, pp.115-132, 2015 (Journal Indexed in ESCI)

Books & Book Chapters

- I. **ÇOK GRUPLU SINIFLANDIRMA PROBLEMLERİ İÇİN MATEMATİKSELPROGRAMLAMA YAKLAŞIMLARI**
ÖRKCÜ M., ÖRKCÜ H. H.
in: ACADEMIC STUDIESIN MATHEMATICS AND NATURAL SCIENCES-2019/2, Prof. Dr. Rıdvan KARAPINAR, Editor, IVPE, pp.66-80, 2019
- II. **VERİ ZARFLAMA ANALİZİNDE İYİMSER VE KÖTÜMSER KARAR TEORİLERİNEDAYANAN YENİ BİR YAKLAŞIM**
ÖRKCÜ M., ÖRKCÜ H. H.
in: GELECEĞİN DÜNYASINDA BİLİMSEL VE MESLEKİ ÇALIŞMALAR2019MATEMATİK VE FEN BİLİMLERİ, PROF. DR. CEM CÜNEYT ERSANLIDOÇ. DR. AYHAN ERCİYESDR. CANAN BAŞLAK, Editor, Ekin Yayınevi, Ankara, pp.68-82, 2019

Refereed Congress / Symposium Publications in Proceedings

- I. **Cross Efficiency Model in Network Data Envelopment Analysis Models**
ÖRKCÜ H. H. , ÖZSOY V. S. , ÖRKCÜ M.
6th International Symposium on Academic Studies in Science, Engineering and Architecture Sciences, 13 - 15 June 2019
- II. **Approximation Properties of King Type p q Bernstein Operators**
DALMANOĞLU Ö., ÖRKCÜ M.
International Conference on Analysis and Its Applications, 12 - 15 July 2016
- III. **Genelleştirilmiş İki Değişkenli Baskakov Operatör Dizisinin Düzgün Yakınsaklığı**

Sarıteke Z. E., DOĞRU O., ÖRKÜ M.

11. Matematik Günleri, Turkey, 26 - 27 May 2016

IV. On Convergence Properties of Gamma Stancu Operators Based on q integers

DALMANOĞLU Ö., ÖRKÜ M.

Mathematical Inequalities and Applications 2015, 11 - 15 November 2015

V. Szasz-Mirakyan- Kantorovich operatör dizilerinin q genelleşmesi

DOĞRU O., ÖRKÜ M.

5. Ankara Matematik Günleri, Turkey, 3 - 04 June 2010

Citations

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