

## Prof. BİROL ALTIN

### Personal Information

Office Phone: [+90 202 107 3](tel:+902021073)

Email: [birola@gazi.edu.tr](mailto:birola@gazi.edu.tr)

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

Address: [birola@gazi.edu.tr](mailto:birola@gazi.edu.tr)

### International Researcher IDs

ScholarID: -NNkaAsAAAAJ

ORCID: 0000-0002-1085-809X

Publons / Web Of Science ResearcherID: AEL-9931-2022

ScopusID: 6505565507

Yoksis Researcher ID: 124397

### Education Information

Doctorate, Gazi University, Fen Fakültesi, Matematik Bölümü, Turkey 1996 - 2002

Postgraduate, Gazi University, Fen Bilimleri Enstitüsü, Turkey 1994 - 1996

Undergraduate, Ankara University, Fen Fakültesi, Turkey 1989 - 1993

### Foreign Languages

English, B2 Upper Intermediate

### Dissertations

Doctorate, b-özelliğini sağlayan Riesz uzayları ve b-zayıf kompakt operatörler, Gazi University, Fen Fakültesi, Matematik Bölümü, 2002

Postgraduate, Davgavet eşitliği üzerine, Gazi University, Fen Bilimleri Enstitüsü, 1996

### Research Areas

Natural Sciences

### Academic Titles / Tasks

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

Associate Professor, Gazi University, Fen Fakültesi, Matematik, 2008 - 2011

Lecturer PhD, Gazi University, Fen Fakültesi, Matematik, 2006 - 2008

Research Assistant, Gazi University, Fen Fakültesi, Matematik, 1994 - 2006

### Supervised Theses

ALTIN B., Schurer Type Generalization Of Szasz Operators Of Two Variables, Postgraduate, E.YURDAKUL(Student), 2021  
ALTIN B., Riesz Spaces With Disjoint B-Property, Postgraduate, E.EFETÜRK(Student), 2019  
ALTIN B., Schurer generalization of q-hybrid summation integral type Operators, Postgraduate, İ.VURAL(Student), 2015  
ALTIN B., BANACH ÖRGÜLERİ ÜZERİNDE TANIMLI ZAYIF KOMPAKT OPERATÖRLERİN VEKTÖR ÖRGÜLERİ,  
Postgraduate, S.Elif(Student), 2010

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Order structure of order-to-topological continuous operator**  
KELEŞ G. S., TURAN B., ALTIN B.  
Turkish Journal of Mathematics, vol.49, no.2, pp.173-184, 2025 (SCI-Expanded)
- II. **A note on topologically b-order bounded sets and generalized b-weakly compact operators**  
Machrafi N., ALTIN B.  
HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, vol.51, no.2, pp.483-493, 2022 (SCI-Expanded)
- III. **On unbounded order continuous operators**  
TURAN B., ALTIN B., Gürkök H.  
Turkish Journal of Mathematics, vol.46, no.8, pp.3391-3399, 2022 (SCI-Expanded)
- IV. **Some characterizations of KB-operators on Banach lattices and ordered Banach spaces**  
ALTIN B., Machrafi N.  
TURKISH JOURNAL OF MATHEMATICS, vol.44, no.5, pp.1736-1743, 2020 (SCI-Expanded)
- V. **A note on weak almost limited operators**  
Machrafi N., El Fahri K., Moussa M., ALTIN B.  
HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, vol.48, no.3, pp.759-770, 2019 (SCI-Expanded)
- VI. **The relation between b-weakly compact operator and KB-operator**  
TURAN B., ALTIN B.  
TURKISH JOURNAL OF MATHEMATICS, vol.43, no.6, pp.2818-2820, 2019 (SCI-Expanded)
- VII. **ON APPROXIMATION OF BASKAKOV-DURMEYER TYPE OPERATORS OF TWO VARIABLES**  
YÜKSEL İ., DİNLEMEZ KANTAR Ü., ALTIN B.  
UNIVERSITY POLITEHNICA OF BUCHAREST SCIENTIFIC BULLETIN-SERIES A-APPLIED MATHEMATICS AND PHYSICS, vol.78, no.1, pp.123-134, 2016 (SCI-Expanded)
- VIII. **A NOTE ON THE APPROXIMATION BY THE q-HYBRID SUMMATION INTEGRAL TYPE OPERATORS**  
DİNLEMEZ KANTAR Ü., YÜKSEL İ., ALTIN B.  
TAIWANESE JOURNAL OF MATHEMATICS, vol.18, no.3, pp.781-792, 2014 (SCI-Expanded)
- IX. **A note on b-weakly compact operators**  
Alpay S., Altin B.  
POSITIVITY, vol.11, no.4, pp.575-582, 2007 (SCI-Expanded)
- X. **On b-weakly compact operators on Banach lattices**  
Altin B.  
TAIWANESE JOURNAL OF MATHEMATICS, vol.11, no.1, pp.143-150, 2007 (SCI-Expanded)
- XI. **On Banach lattices with Levi norms**  
Altin B.  
PROCEEDINGS OF THE AMERICAN MATHEMATICAL SOCIETY, vol.135, no.4, pp.1059-1063, 2007 (SCI-Expanded)
- XII. **A note on Riesz spaces with property-b**  
Alpay S., Altin B., Tonyali C.  
CZECHOSLOVAK MATHEMATICAL JOURNAL, vol.56, no.2, pp.765-772, 2006 (SCI-Expanded)
- XIII. **On property (b) of vector lattices**  
Alpay S., Altin B., Tonyali C.  
POSITIVITY, vol.7, pp.135-139, 2003 (SCI-Expanded)

## Articles Published in Other Journals

- I. **The Class of Demi-Strongly Order Bounded Operators**  
Keleş G. S., Altın B.  
Sakarya Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.28, no.2, pp.364-370, 2024 (Peer-Reviewed Journal)
- II. **The Class of Demi-Order Norm Continuous Operators**  
KELEŞ G. S., ALTIN B.  
Gazi University Journal of Science, vol.36, no.4, pp.1693-1698, 2023 (Scopus)
- III. **Sıra Sürekli Operatörlerin Genelleştirilmesinin Modülü**  
Bülbül M., Altın B.  
Gazi Üniversitesi Fen Fakültesi Dergisi, vol.1, no.6, pp.1-6, 2023 (Peer-Reviewed Journal)
- IV. **ON THE  $(p, q)$ -STANCU GENERALIZATION OF A GENUINE BASKAKOVDURRMEYER TYPE OPERATORS**  
YÜKSEL İ., DİNLEMEZ KANTAR Ü., ALTIN B.  
INTERNATIONAL JOURNAL OF ANALYSIS AND APPLICATIONS, vol.15, no.2, pp.138-145, 2017 (ESCI)
- V. **On Riesz spaces with  $b$  property and strongly order bounded operators**  
Alpay Ş., ALTIN B.  
Rendiconti del Circolo Matematico di Palermo, vol.60, pp.1-12, 2011 (Scopus)
- VI. **On Riesz spaces with  $b$ -property and  $b$ -weakly compact operators.**  
Alpay Ş., ALTIN B.  
Vladikavkaz. Mat. Zh., vol.11, no.2, pp.19-26, 2009 (Peer-Reviewed Journal)
- VII. **SOME PROPERTIES OF  $b$ -WEAKLY COMPACT OPERATORS**  
Altın B.  
GAZI UNIVERSITY JOURNAL OF SCIENCE, vol.3, no.18, pp.391-395, 2005 (Peer-Reviewed Journal)

## Books

- I. **Schurer Generalization of  $q$ -Hybrid Summation Integral Type Operators**  
VURAL İ., ALTIN B., YÜKSEL İ.  
in: Computational Analysis, Anastassiou, George A., Duman, Oktay, Editor, Springer, pp.179-194, 2016
- II. **On approximation of Baskakov-Durrmeyer type operators of two variables**  
YÜKSEL İ., DİNLEMEZ KANTAR Ü., ALTIN B.  
in: Computational Analysis, Anastassiou, George A., Duman, Oktay (Eds.), Editor, Springer, pp.195-209, 2016

## Papers Published in Refereed Scientific Meetings

- I. **On approximation of Baskakov Durrmeyer type operators of two variables**  
YÜKSEL İ., DİNLEMEZ KANTAR Ü., ALTIN B.  
AMAT2015, 10 October 2016
- II. **On  $p, q$  Generalization of Genuine Baskakov Durrmeyer Stancu Type Operators**  
YÜKSEL İ., DİNLEMEZ KANTAR Ü., ALTIN B.  
ETAMM 2016, 30 May - 03 June 2016
- III. **Schurer Generalization of  $q$ -Hybrid Summation Integral Type Operators**  
Vural İ., ALTIN B., YÜKSEL İ.  
3rd International Conference on Applied Mathematics and Approximation Theory (AMAT), Ankara, Turkey, 28 - 31 May 2015, vol.155, pp.179-194
- IV. **Approximation by  $q$ -Baskakov-Durrmeyer Type Operators of Two Variables**  
YÜKSEL İ., DİNLEMEZ KANTAR Ü., ALTIN B.  
3rd International Conference on Applied Mathematics and Approximation Theory (AMAT), Ankara, Turkey, 28 - 31 May 2015, vol.155, pp.195-209

## **Metrics**

Publication: 26

Citation (WoS): 99

Citation (Scopus): 95

H-Index (WoS): 4

H-Index (Scopus): 5

## **Non Academic Experience**

Gazi Üniversitesi, Akademisyen