

Assoc. Prof. MUSTAFA CEMİL BİŞGİN

Personal Information

Office Phone: [+90 464 223 6126](tel:+904642236126) Extension: 1807

Email: mustafa.bisgin@erdogan.edu.tr

Other Email: mbisgin@erciyes.edu.tr

Web: <https://avesis.erdogan.edu.tr/mustafa.bisgin>

International Researcher IDs

ORCID: 0000-0002-8660-4969

Yoksis Researcher ID: 118264

Education Information

Doctorate, Erciyes University, Fen Bilimleri Enstitüsü, Matematik Bölümü, Turkey 2010 - 2014

Postgraduate, Erciyes University, Fen Bilimleri Enstitüsü, Matematik Bölümü, Turkey 2008 - 2010

Undergraduate, Erciyes University, Fen Edebiyat Fakültesi, Matematik Bölümü, Turkey 2004 - 2008

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Bazı yeni dizi uzayları ve topolojik özellikleri, Erciyes University, Makine ve Metal Teknolojileri Bölümü, Matematik Bölümü, 2014

Postgraduate, Konik metrik uzaylar ve bu uzaylarda sabit nokta teoremleri, Erciyes University, Makine ve Metal Teknolojileri Bölümü, Matematik Bölümü, 2010

Research Areas

Mathematics, Sequences, Series, Summability, Natural Sciences

Academic Titles / Tasks

Associate Professor, Recep Tayyip Erdogan University, Fen Edebiyat Fakültesi, Matematik Bölümü, 2020 - Continues

Assistant Professor, Recep Tayyip Erdogan University, Fen Edebiyat Fakültesi, Matematik Bölümü, 2015 - 2020

Research Assistant PhD, Recep Tayyip Erdogan University, Fen Edebiyat Fakültesi, Matematik Bölümü, 2014 - 2015

Research Assistant, Erciyes University, Fen Edebiyat Fakültesi, Matematik Bölümü, 2010 - 2014

Research Assistant, Recep Tayyip Erdogan University, Fen Edebiyat Fakültesi, Matematik Bölümü, 2009 - 2010

Academic and Administrative Experience

Bölüm Kalite Temsilcisi, Recep Tayyip Erdogan University, Fen Edebiyat Fakültesi, Matematik Bölümü, 2019 - Continues
Deputy Head of Department, Recep Tayyip Erdogan University, Fen Edebiyat Fakültesi, Matematik Bölümü, 2017 -
Continues
Recep Tayyip Erdogan University, Fen Edebiyat Fakültesi, 2016 - 2019

Courses

İleri Fonksiyonel Analiz, Postgraduate, 2020 - 2021, 2018 - 2019
Analiz IV, Undergraduate, 2020 - 2021, 2016 - 2017
Dizi Uzayları Ve Matris Dönüşümleri I, Postgraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018,
2016 - 2017, 2015 - 2016
Kompleks Fonksiyonlar Teorisi I, Undergraduate, 2021 - 2022, 2018 - 2019
Analiz II, Undergraduate, 2019 - 2020, 2015 - 2016
Analiz III, Undergraduate, 2020 - 2021, 2016 - 2017
Dizi Uzayları Ve Matris Dönüşümleri II, Postgraduate, 2019 - 2020, 2015 - 2016
Uzmanlık Alan Dersi I, Postgraduate, 2019 - 2020, 2018 - 2019
Kompleks Fonksiyonlar Teorisi II, Undergraduate, 2018 - 2019, 2017 - 2018
Uzmanlık Alan Dersi II, Postgraduate, 2019 - 2020, 2018 - 2019
Seminer, Postgraduate, 2019 - 2020
Analiz I, Undergraduate, 2019 - 2020, 2015 - 2016
Yüksek Lisans Tezi, Postgraduate, 2018 - 2019

Advising Theses

Bişgin M. C., ALMOST CONVERGENT SEQUENCE SPACES DERIVED BY QUADRUPLE BAND MATRIX AND GEOMETRIC
PROPERTIES, Postgraduate, E.DAŞTAN(Student), 2023
Bişgin M. C., Binom ve Dörtlü Band Matrislerinin Kompozisyonu ile Türetilen Yeni Dizi Uzayları, Postgraduate,
K.TOPAL(Student), 2021
Bişgin M. C., Genelleştirilmiş fark matrisleri yardımı ile elde edilen yeni dizi uzayları, Postgraduate, A.UZUN(Student),
2020
BİŞGİN M. C., Euler Matrisinin Etki Alanıyla Elde Edilen Bazı Dizi Uzayları, Postgraduate, S.Albayrak(Student), 2019

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **On the fine spectrum of the operator $Q(r, s, t, u)$ over ℓ_p and $bvp, 1 \leq p < \infty$**
Bişgin M. C.
ROCKY MOUNTAIN JOURNAL OF MATHEMATICS, vol.52, no.3, pp.777-791, 2022 (SCI-Expanded)
- II. **ON THE FINE SPECTRUM OF QUADRUPLE BAND MATRIX OPERATOR OVER $c(0)$ AND c**
BİŞGİN M. C.
ROCKY MOUNTAIN JOURNAL OF MATHEMATICS, vol.50, no.5, pp.1567-1581, 2020 (SCI-Expanded)
- III. **The binomial sequence spaces of nonabsolute type**
Bişgin M. C.
JOURNAL OF INEQUALITIES AND APPLICATIONS, 2016 (SCI-Expanded)
- IV. **The binomial sequence spaces which include the spaces $l(p)$ and $l(\infty)$ and geometric properties**
Bişgin M. C.
JOURNAL OF INEQUALITIES AND APPLICATIONS, 2016 (SCI-Expanded)
- V. **Two new sequence spaces generated by the composition of m th order generalized difference matrix and lambda matrix**

Articles Published in Other Journals

- I. **Four New Sequence Spaces Obtained from the Domain of Quadruple Band Matrix Operator**
Bişgin M. C.
Turkish Journal of Mathematics and Computer Science, vol.15, no.2, pp.294-311, 2023 (Peer-Reviewed Journal)
- II. **Compactness of quadruple band matrix operator and geometric properties**
Bişgin M. C., Sönmez A.
ANNALES UNIVERSITATIS PAEDAGOGICAE CRACOVENSIS. STUDIA MATHEMATICA, no.21, pp.17-32, 2022 (ESCI)
- III. **Almost convergent sequence spaces derived by the domain of quadruple band matrix**
BİŞGİN M. C.
Annales Universitatis Paedagogicae Cracoviensis. Studia Mathematica, vol.0, no.0, 2020 (ESCI)
- IV. **MATRIX TRANSFORMATIONS AND COMPACT OPERATORS ON THE BINOMIAL SEQUENCE SPACES**
Bişgin M. C.
KOREAN JOURNAL OF MATHEMATICS, vol.27, no.4, pp.949-968, 2019 (ESCI)
- V. **THE BINOMIAL ALMOST CONVERGENT AND NULL SEQUENCE SPACES**
Bişgin M. C.
COMMUNICATIONS FACULTY OF SCIENCES UNIVERSITY OF ANKARA-SERIES A1 MATHEMATICS AND STATISTICS, vol.67, no.1, pp.211-224, 2018 (ESCI)
- VI. **A Note on the Sequence Space $b_p(r,s)(G)$**
BİŞGİN M. C.
Cumhuriyet Science Journal, pp.11-25, 2017 (Peer-Reviewed Journal)
- VII. **Some Notes On The Sequence Spaces $l(p)(\lambda)(G(m))$ and $l(\infty)(\lambda)(G(m))$**
Bişgin M. C.
GAZI UNIVERSITY JOURNAL OF SCIENCE, vol.30, no.1, pp.381-393, 2017 (ESCI)

Refereed Congress / Symposium Publications in Proceedings

- I. **Sequence Spaces And Matrix Domain Of Quintet Band Matrix**
BİŞGİN M. C.
10th International IFS And Contemporary Mathematics And Engineering Conference, Mersin, Turkey, 4 - 07 September 2024
- II. **Quadruple Band Matrix And Almost Convergence**
SÖNMEZ A., BİŞGİN M. C.
International Conference On Mathematics And Mathematics Education, Konya, Turkey, 11 - 13 July 2019
- III. **Dörtlü Band Matrisi Ve Dizi Uzayları**
BİŞGİN M. C., SÖNMEZ A.
14. Ankara Matematik Günleri (AMG 2019), Gazi Üniversitesi, Turkey, 28 - 29 June 2019
- IV. **On Some Generalized Binomial Sequence Spaces**
BİŞGİN M. C., SÖNMEZ A.
II. INTERNATIONAL SCIENTIFIC AND VOCATIONAL STUDIES CONGRESS, 5 - 08 July 2018
- V. **A New Sequence Space Derived By The Composition Of Binomial Matrix And Triple Band Matrix Related To l_p Spaces**
SÖNMEZ A., BİŞGİN M. C.
II. INTERNATIONAL SCIENTIFIC AND VOCATIONAL STUDIES CONGRESS, 5 - 08 July 2018
- VI. **Binom Ve Üçlü Band Matrislerinin Kompozisyonu ile Türetilen Bazı Yeni Dizi Uzayları**
BİŞGİN M. C.

12. Ankara Matematik Günleri, Ankara, Turkey, 25 - 26 May 2017

VII. The Binomial m-th Order Difference Sequence Spaces

BİŞGİN M. C.

INTERNATIONAL CONFERENCE ON MATHEMATICS AND ENGINEERING, İstanbul, Turkey, 10 - 12 May 2017

VIII. Three New Sequence Spaces Derived By the Composition of Binomial Matrix and Generalized Difference Matrix

SÖNMEZ A., BİŞGİN M. C.

International Conference of Applied Sciences, Engineering and Mathematics, 5 - 07 May 2017

IX. Some Notes On The Sequence Spaces $l p G m$ and $l G m$

BİŞGİN M. C., SÖNMEZ A.

International Conference On Analysis And Its Applications, 12 - 15 July 2016

Supported Projects

Bişgin M. C., Sönmez A., TUBITAK Project, Dörtlü Band Matrisinin Etki Alanı İle Elde Edilen Dizi Uzayları Üzerinde Kompakt Operatörler, 2019 - 2020

Metrics

Publication: 21

Citation (WoS): 24

Citation (Scopus): 27

H-Index (WoS): 3

H-Index (Scopus): 3

Scholarships

Yurtdışı Araştırma Bursu, YOK, 2013 - 2014

Yurtiçi Yüksek Doktora Bursu, TUBITAK, 2010 - 2014

Yurtiçi Yüksek Lisans Bursu, TUBITAK, 2009 - 2010