

Assoc. Prof. MEDİNE SAVAŞCI

Personal Information

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International Researcher IDs

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Education Information

Doctorate, Afyon Kocatepe University, Fen Bilimleri Enstitüsü, Matematik (Dr), Turkey 2011 - 2015

Postgraduate, Erciyes University, Fen Bilimleri Enstitüsü, Matematik (YI) (Tezli), Turkey 2009 - 2011

Undergraduate, Kahramanmaraş Sutcu Imam University, Fen-Edebiyat Fakültesi, Matematik Bölümü, Turkey 2005 - 2009

Foreign Languages

English, B1 Intermediate

Dissertations

Doctorate, Çift dizi uzayları ve Riesz ortalaması, Afyon Kocatepe University, Fen Bilimleri Enstitüsü, Matematik (Dr), 2015

Postgraduate, Sonsuz Serilerin Mutlak Matris Toplanabilme Metodları ve Toplanabilme Çarpanları, Erciyes University, Fen Bilimleri Enstitüsü, Matematik (YI) (Tezli), 2011

Research Areas

Sequences, Series, Summability, Functional Analysis, General Topology

Academic Titles / Tasks

Associate Professor, Usak University, UYGULAMALI BİLİMLER FAKÜLTESİ, LOJİSTİK YÖNETİMİ BÖLÜMÜ, 2018 - Continues

Assistant Professor, Usak University, UYGULAMALI BİLİMLER FAKÜLTESİ, LOJİSTİK YÖNETİMİ BÖLÜMÜ, 2017 - 2018

Research Assistant, Usak University, Fen-Edebiyat Fakültesi, Matematik Bölümü, 2010 - 2017

Academic and Administrative Experience

Head of Department, Usak University, UYGULAMALI BİLİMLER FAKÜLTESİ, LOJİSTİK YÖNETİMİ BÖLÜMÜ, 2024 - Continues

Usak University, 2019 - 2020

Courses

Postgraduate

İleri Fonksiyonel Analiz I, Postgraduate, 2018 - 2019

Regüler Matris Dönüşümleri I, Postgraduate, 2018 - 2019

Undergraduate

İşletme Matematiği I, Undergraduate, 2018 - 2019

İşletme Matematiği II, Undergraduate, 2017 - 2018

Matematik, Undergraduate, 2017 - 2018

Analiz II, Undergraduate, 2017 - 2018

Analiz I, Undergraduate, 2017 - 2018

Fonksiyonel Analiz I, Undergraduate, 2017 - 2018

Fonksiyonel Analiz II, Undergraduate, 2017 - 2018

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Some new Cesàro sequence spaces of order α**
Savaşçı M., Başar F.
UKRAINIAN MATHEMATICAL JOURNAL, vol.76, no.3, pp.432-446, 2024 (SCI-Expanded)
- II. **Corrigendum: On the spaces of Cesàro absolutely p -summable, null and convergent sequences(Math. Methods Appl. Sci., (2021), 44, (5), (3670–3685), 10.1002/mma.6973)**
Savaşçı M., Başar F.
Mathematical Methods in the Applied Sciences, vol.46, no.9, pp.10095-10102, 2023 (SCI-Expanded)
- III. **$AK(\theta)$ -Property of Double Series Spaces**
Yeşilkayagil M., Başar F.
Bulletin of the Malaysian Mathematical Sciences Society, vol.44, no.2, pp.881-889, 2021 (SCI-Expanded)
- IV. **On the Paranormed Space of Bounded Variation Double Sequences**
Yeşilkayagil M., Başar F.
Bulletin of the Malaysian Mathematical Sciences Society, vol.43, no.3, pp.2701-2712, 2020 (SCI-Expanded)
- V. **A Survey for the Spectrum of Triangles over Sequence Spaces**
Yeşilkayagil M., Başar F.
Numerical Functional Analysis and Optimization, vol.40, no.16, pp.1898-1917, 2019 (SCI-Expanded)
- VI. **Domain of Riesz mean in some spaces of double sequences**
Yeşilkayagil M., Başar F.
Indagationes Mathematicae, vol.29, no.3, pp.1009-1029, 2018 (SCI-Expanded)
- VII. **Matrix transformations on köthe spaces**
Yeşilkayagil M.
Results in Mathematics, vol.73, no.1, pp.1-8, 2018 (SCI-Expanded)
- VIII. **A study on certain köthe spaces**
Yeşilkayagil M., Başar F.
Filomat, vol.32, no.3, pp.767-774, 2018 (SCI-Expanded)
- IX. **Domain of the Nörlund Matrix in Some of Maddox's Spaces**
Yeşilkayagil M., Başar F.
Proceedings of the National Academy of Sciences India Section A - Physical Sciences, vol.87, no.3, pp.363-371, 2017 (SCI-Expanded)
- X. **Note on Abel Summability of Double Series**
Yeşilkayagil M., Başar F.
Numerical Functional Analysis and Optimization, vol.38, no.8, pp.1069-1076, 2017 (SCI-Expanded)
- XI. **On the domain of riesz mean in the space L_s^***
Yeşilkayagil M., Başar F.

- Filomat, vol.31, no.4, pp.925-940, 2017 (SCI-Expanded)
- XII. **A Note on Riesz Summability of Double Series**
Yeşilkayagil M., Başar F.
Proceedings of the National Academy of Sciences India Section A - Physical Sciences, vol.86, no.3, pp.333-337, 2016 (SCI-Expanded)
- XIII. **Some topological properties of the spaces of almost null and almost convergent double sequences**
Yeşilkayagil M., Başar F.
Turkish Journal of Mathematics, vol.40, no.3, pp.624-630, 2016 (SCI-Expanded)
- XIV. **On the fine spectrum of the operator defined by the lambda matrix over the spaces of null and convergent sequences**
Yeşilkayagil M., Başar F.
Abstract and Applied Analysis, vol.2013, 2013 (SCI-Expanded)

Articles Published in Other Journals

- I. **A Note on Four Dimensional Summability Methods**
Savaşçı M.
KOREAN JOURNAL OF MATHEMATICS, vol.32, no.4, pp.629-637, 2024 (Scopus)
- II. **The generalised double Hahn sequence space H_{ϑ}^d**
Savaşçı M., Başar F.
Acta Math. Univ. Comenianae, vol.93, no.2, pp.101-114, 2024 (Scopus)
- III. **The Hahn sequence space generated by the Cesàro mean of order m**
Savaşçı M., Başar F.
ACTA SCIENTIARUM MATHEMATICARUM, vol.90, pp.53-72, 2024 (Scopus)
- IV. **Domain of the Cesàro mean of order α in Maddox's space $\ell(p)$**
Savaşçı M., Başar F.
PUBLICATIONS DE L'INSTITUT MATHÉMATIQUE, vol.114, 2023 (Scopus)
- V. **A Survey for Paranormed Sequence Spaces Generated by Infinite Matrices**
Başar F., Yeşilkayagil M.
TWMS JOURNAL OF PURE AND APPLIED MATHEMATICS, vol.10, no.1, pp.3-38, 2019 (ESCI)
- VI. **A note on some topological properties of Köthe space $\lambda(P)$**
YEŞİLKAYAGİL M., BAŞAR F.
PUBLICATIONS DE L'INSTITUT MATHÉMATIQUE, 2019 (Scopus)
- VII. **Domain of Euler Mean in the Space of Absolutely p -Summable Double Sequences with $0 < p < 1$**
YEŞİLKAYAGİL M., BAŞAR F.
ANALYSIS IN THEORY AND APPLICATIONS, vol.34, no.3, pp.241-252, 2018 (Peer-Reviewed Journal)
- VIII. **On the fine spectrum of the forward difference operator on the Hahn space**
YEŞİLKAYAGİL M., KİRİŞÇİ M.
GENERAL MATHEMATICS NOTES, 2016 (Peer-Reviewed Journal)
- IX. **Mercerian Theorem for Four Dimensional Matrices**
YEŞİLKAYAGİL M., BAŞAR F.
COMMUNICATIONS FACULTY OF SCIENCES UNIVERSITY OF ANKARA-SERIES A1 MATHEMATICS AND STATISTICS, vol.65, no.1, pp.147-155, 2016 (Peer-Reviewed Journal)
- X. **On the characterization of a class of four dimensional matrices and steinhaus type theorems**
Yesilkayagil M., Basar F.
Kragujevac Journal of Mathematics, vol.40, no.1, pp.35-45, 2016 (Scopus)
- XI. **Comparison of four dimensional summability methods**
YEŞİLKAYAGİL M., BAŞAR F.
The Aligarh Bulletin of Mathematics, 2015 (Peer-Reviewed Journal)
- XII. **Spaces of A_{λ} null and A_{λ} almost convergent sequences**

YEŞİLKAYAGİL M., BAŞAR F.

Journal of the Egyptian Mathematical Society, 2015 (Peer-Reviewed Journal)

XIII. **Four dimensional dual and dual of the new sort summability methods**

YEŞİLKAYAGİL M., BAŞAR F.

Contemp. Anal. Appl. Math., 2015 (Peer-Reviewed Journal)

XIV. **On the paranormed Nörlund sequence space of nonabsolute type**

Yeşilkayagil M., Başar F.

Abstract and Applied Analysis, vol.2014, 2014 (Scopus)

XV. **Composite dual summability methods of the new sort**

YEŞİLKAYAGİL M., BAŞAR F.

Commun. Fac. Sci. Univ. Ank. Ser. A1 Math. Stat., 2013 (Peer-Reviewed Journal)

XVI. **On the Fine Spectrum of the Operator Defined By a Lambda Matrix Over the Sequence Space and**

YEŞİLKAYAGİL M., BAŞAR F.

AIP CONFERENCE PROCEEDINGS, vol.1470, no.null, pp.199-202, 2012 (Peer-Reviewed Journal)

Books

I. **Dual Spaces of Double Sequence Spaces**

Savaşçı M.

in: Double Sequence Spaces and Four-Dimensional Matrices, Mohammad Mursaleen, Editor, CRC, New York , New York, pp.101-140, 2022

II. **Some Paranormed Double Sequence Spaces**

Savaşçı M.

in: Double Sequence Spaces and Four-Dimensional Matrices, Mohammed Mursaleen, Editor, CRC, New York , New York, pp.37-59, 2022

Papers Published in Refereed Scientific Meetings

I. **Domain of the Nörlund matrix on some Maddox's space**

YEŞİLKAYAGİL M., BAŞAR F.

Karatekin Mathematics Days "KMD 2014" 11-13 June 2014, Çankırı Karatekin University, Çankırı., 11 - 13 June 2014

II. **Some topological properties of the spaces of almost null and almost convergent double sequences**

YEŞİLKAYAGİL M., BAŞAR F.

International Conference on Pure and Applied Mathematics, ICPAM, 2015, Van, 25 - 28 August 2015

III. **On the paranormed space of bounded variation double sequences**

YEŞİLKAYAGİL M., BAŞAR F.

International Conference on Advancements in Mathematical Sciences, "AMS-2015" , Antalya, 5 - 07 November 2015

IV. **Survey on dual summability methods**

Başar F., Yeşilkayagil M.

International Conference on Advancements in Mathematical Sciences, AMS 2015, Antalya, Turkey, 5 - 07 November 2015, vol.1676

V. **On the fine spectrum of the lambda operator defined by the lambda matrix over the sequence spaces ℓ_p ($p \geq 1$)**

YEŞİLKAYAGİL M., BAŞAR F.

The Algerian-Turkish International days on Mathematics 2013, İstanbul., 12 - 14 September 2013

VI. **Composited dual summability methods of the new sort**

YEŞİLKAYAGİL M., BAŞAR F.

The Algerian- Turkish International days on Mathematics, ATIM,2012 Cezayir, 9 - 11 October 2012

- VII. **On the fine spectrum of the lambda operator defined by a lambda matrix over the sequence spaces c_0 and c ,**
YEŞİLKAYAGİL M., BAŞAR F.
First International Conference on Analysis and Applied Mathematics, ICAAM 2012, Gümüşhane., 18 - 21 October 2012

Peer Reviews in Scientific Publications

AIMS MATHEMATICS, Journal Indexed in SCI-E, November 2024
MATHSCINET, Other journals, June 2024
Korean Journal of Mathematics, Journal Indexed in ESCI, May 2024
Journal of Mathematics, Journal Indexed in SCI-E, January 2024
Mathematical Foundations of Computing, Journal Indexed in ESCI, December 2023
Journal of Classical Analysis, Other Indexed Journal, September 2021
FILOMAT, SCI Journal, July 2020
Turkish Journal of Mathematics and Computer Science , Other Indexed Journal, July 2020
Afyon Kocatepe Üniversitesi Fen Ve Mühendislik Bilimleri Dergisi , Other Indexed Journal, November 2019
KRAGUJEVAC JOURNAL OF MATHEMATICS, Journal Indexed in ESCI, June 2019
NUMERICAL FUNCTIONAL ANALYSIS AND OPTIMIZATION, Journal Indexed in SCI-E, December 2018
BULLETIN OF THE MALAYSIAN MATHEMATICAL SCIENCES SOCIETY, Journal Indexed in SCI-E, October 2018
Electronic Journal of Mathematical Analysis and Applications, Other Indexed Journal, June 2018
Applied Sciences, Other Indexed Journal, May 2018
AIP Proceedings Series, Other Indexed Journal, May 2018
JOURNAL OF INEQUALITIES AND APPLICATIONS, Journal Indexed in SCI-E, October 2017
ABSTRACT AND APPLIED ANALYSIS, Journal Indexed in SCI-E, August 2017

Metrics

Publication: 39
Citation (Scopus): 152
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H-Index (Scopus): 9