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International Researcher IDs

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Education

Doctorate 2010 - 2018	Tokat Gaziosmanpaşa University, Fen Edebiyat Fakültesi, Matematik, Turkey
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Postgraduate 2008 - 2010	Tokat Gaziosmanpaşa University, Fen Edebiyat Fakültesi, Matematik, Turkey
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Undergraduate 2004 - 2008	Tokat Gaziosmanpaşa University, Fen Edebiyat Fakültesi, Matematik, Turkey
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Dissertations

Doctorate, q - EULER DİZİ UZAYLARI, Tokat Gaziosmanpaşa University, FEN BİLİMLERİ ENSTİTÜSÜ, MATEMATİK, 2018
Postgraduate, MATRIX TRANSFORMATIONS BETWEEN THE SEQUENCE SPACE bv^p AND CERTAIN BK SPACES, Tokat Gaziosmanpaşa University, Fen Bilimleri Enstitüsü, Matematik, 2010

Academic Titles / Tasks

Lecturer PhD 2018 - Continues	Recep Tayyip Erdogan University, Fen Edebiyat Fakültesi, Matematik Bölümü
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Lecturer 2011 - 2018	Recep Tayyip Erdogan University, Fen Edebiyat Fakültesi, Matematik Bölümü
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Scholarships

2211- Yurtiçi Doktora Burs Programı, TUBİTAK, 2010 - 2016

Yurtiçi Yüksek Lisans Burs Programı, TUBİTAK, 2009 - 2010

Published journal articles indexed by SCI, SSCI, and AHCI

- q -Schröder sequence spaces and Schröder core**
Bilgin Ellidokuzoğlu H., İlhan M., Demiriz S.

FILOMAT, vol.39, no.2, pp.715-729, 2025 (SCI-Expanded)

2. **On some generalized q -difference sequence spaces**

Bilgin Ellidokuzoğlu H., Demiriz S.

AIMS MATHEMATICS, vol.8, no.8, pp.18607-18617, 2023 (SCI-Expanded)

Articles Published in Other Journals

1. **The New Hahn Sequence Space via (p,q) -Calculus**

Bilgin Ellidokuzoğlu H., Erdem S., Demiriz S.

Communications in Advanced Mathematical Sciences, vol.8, no.1, pp.24-35, 2025 (Peer-Reviewed Journal)

2. **Paranormed Motzkin sequence spaces**

Erdem S., Demiriz S., Bilgin Ellidokuzoğlu H.

Dera Natung Government College Research Journal, vol.9, no.1, pp.36-51, 2024 (Peer-Reviewed Journal)

3. **On Some New Normed Narayana Sequence Spaces**

Bilgin Ellidokuzoğlu H.

Journal of New Teory, no.46, pp.40-50, 2024 (Peer-Reviewed Journal)

4. **Some New Paranormed Sequence Spaces Derived by q -Second Difference Matrix**

Bilgin Ellidokuzoğlu H., Demiriz S.

JOURNAL OF MATHEMATICAL EXTENSION, vol.17, no.10, pp.1-18, 2023 (ESCI)

5. **$[l(p)](e.r)$ Euler-Riesz Difference Sequence Spaces**

Bilgin Ellidokuzoğlu H., Demiriz S.

ANALYSIS IN THEORY AND APPLICATIONS, vol.37, no.4, pp.557-571, 2021 (ESCI)

6. **On the Paranormed Binomial Sequence Spaces**

Bilgin Ellidokuzoğlu H., Demiriz S., Köseoğlu A.

Universal Journal of Mathematics and Applications, vol.1, no.3, pp.137-147, 2018 (Peer-Reviewed Journal)

7. **Euler-Riesz Difference Sequence Spaces**

Bilgin Ellidokuzoğlu H.

Turk. J.Math.Comput. Sci., vol.7, pp.63-72, 2017 (Peer-Reviewed Journal)

8. **ON THE PARANORMED TAYLOR SEQUENCE SPACES**

Bilgin Ellidokuzoğlu H., Demiriz S.

Konuralp Journal of Mathematics, vol.4, no.2, pp.132-148, 2016 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

1. **A NOTE ON EULER TOTIENT PARANORMED SEQUENCE SPACES**

Bilgin Ellidokuzoğlu H.

4 th INTERNATIONAL CONFERENCE ON MATHEMATICS, İstanbul, Turkey, 27 October 2020, pp.54-59

2. **On Some New Paranormed Lucas Sequence Spaces and Lucas Core**

Demiriz S., Bilgin Ellidokuzoğlu H.

7th International Euroasian Conference on Mathematical Sciences and Applications (IECMSA-2018), Kyiv, Ukraine, 28 - 31 August 2018, vol.1, pp.32-35

3. **Some Algebraic and Topological Properties of New Lucas Difference Sequence Spaces**

Bilgin Ellidokuzoğlu H., Demiriz S.

International Conference on Mathematics and Mathematics Education (ICMME 2018), Ordu, Turkey, 27 - 29 June 2018

4. **Some Algebraic and Topological Properties of New Lucas Difference Sequence Spaces**

Bilgin Ellidokuzoğlu H., Demiriz S.

International Conference on Mathematics and Mathematics Education (ICMME-2018), Ordu, Turkey, 27 - 29 June 2018

5. **Lucas Difference Sequence Spaces $c_{\{0\}}(L, \delta)$ and $c(L, \delta)$**
Bilgin Ellidokuzoğlu H., Demiriz S.
International Conference on Mathematics and Mathematics Education (ICMME-2018), Ordu, Turkey, 27 - 29 June 2018
6. **On the Paranormed Binomial Sequence Spaces**
Demiriz S., Bilgin Ellidokuzoğlu H.
7th International Eurasian Conference on Mathematical Sciences and Applications (IECMSA), Kyiv, Ukraine, 28 - 31 August 2018, vol.2037
7. **$\{\ell_p\}_{e.r}$ Euler-Riesz Fark Dizi Uzayı**
Bilgin Ellidokuzoğlu H., Demiriz S.
30. Ulusal Matematik Sempozyumu, Ankara, Turkey, 6 - 09 September 2017, pp.38
8. **Euler-Riesz Difference Sequence Spaces**
Bilgin Ellidokuzoğlu H., Demiriz S.
International Conference on Mathematics and Mathematics Education (ICMME-2017), Şanlıurfa, Turkey, 11 - 13 May 2017, pp.257-258
9. **On The Taylor Sequence Spaces of Non-Absolute Type Which Include The Spaces l_p and l_{∞} .**
Bilgin Ellidokuzoğlu H., Demiriz S.
International Conference on Analysis and Its Applications, Kırşehir, Turkey, 12 - 15 July 2016, pp.134
10. **On The Paranormed Taylor Sequence Spaces**
Bilgin Ellidokuzoğlu H., Demiriz S.
International Conference on Analysis and Its Applications, Kırşehir, Turkey, 12 - 15 July 2016, pp.133
11. **Bilinen BK Uzayları ile bv^p Dizi Uzayları Arasındaki Matris Dönüşümleri**
Bilgin Ellidokuzoğlu H.
5. Ankara Matematik Günleri, Ankara, Turkey, 3 - 04 June 2010, pp.77

Courses

Matematik I, Undergraduate, 2022 - 2023
 Matematik, Associate Degree, 2021 - 2022
 Matematiğin Temelleri, Undergraduate, 2021 - 2022
 Bilgisayar Bilimleri, Undergraduate, 2021 - 2022
 Mühendislik Matematiği, Undergraduate, 2021 - 2022
 Temel Geometri, Undergraduate, 2022 - 2023
 Matematik I, Undergraduate, 2022 - 2023
 Matematik II, Undergraduate, 2019 - 2020
 Latex , Undergraduate, 2019 - 2020
 Kompleks Analiz, Undergraduate, 2019 - 2020
 Matematik I, Undergraduate, 2019 - 2020
 Genel Matematik, Undergraduate, 2019 - 2020

Metrics

Publication: 21
 H-Index (Scopus): 3

Congress and Symposium Activities

The 8th International Conference on Computational Mathematics and Engineering Sciences, Attendee, Şanlıurfa, Turkey, 2024

The 8th International Conference on Computational Mathematics and Engineering Sciences, Attendee, Şanlıurfa, Turkey, 2024

7Th International Eurasian Conference On Mathematical Sciences And Applications (Iecmsa-2018), Attendee, Kyiv, Ukraine, 2018

International Conference on Mathematics and Mathematics Education (ICMME-2018), Attendee, Ordu, Turkey, 2018

International Conference on Mathematics and Mathematics Education (ICMME-2018), Attendee, Ordu, Turkey, 2018

30. Ulusal Matematik Sempozyumu, Attendee, Ankara, Turkey, 2017

International Conference on Analysis and Its Applications (ICAA-2016), Attendee, Kırşehir, Turkey, 2016

International Conference on Analysis and Its Applications (ICAA-2016), Attendee, Kırşehir, Turkey, 2016

5. Ankara Matematik Günleri, Attendee, Ankara, Turkey, 2010

Research Areas

Mathematics, Sequences, Series, Summability, Natural Sciences