

## Prof. Dr. MURAT CANDAN

### Kişisel Bilgiler

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### Eğitim Bilgileri

Doktora, İnönü Üniversitesi, Fen-Edebiyat Fakültesi, Matematik Bölümü, Türkiye 1999 - 2006

### Araştırma Alanları

Diziler, Seriler ve Toplanabilirlik, Fonksiyonel Analiz

### Akademik Unvanlar / Görevler

Dr. Öğr. Üyesi, İnönü Üniversitesi, Fen-Edebiyat Fakültesi, Matematik Bölümü, 2018 - Devam Ediyor

Yrd. Doç. Dr., İnönü Üniversitesi, Fen-Edebiyat Fakültesi, Matematik Bölümü, 2010 - 2018

Öğretim Görevlisi Dr., İnönü Üniversitesi, Fen-Edebiyat Fakültesi, Matematik Bölümü, 2006 - 2010

Araştırma Görevlisi, İnönü Üniversitesi, Fen-Edebiyat Fakültesi, Matematik Bölümü, 1998 - 2006

### Verdiği Dersler

Matris Analizi, Lisans Çift Anadal, 2017-2018

Dizi Analizi, Lisans, 2017-2018

Lebesgue İntegral Kuramı, Lisans, 2017-2018

Regüler Matris Dönüşümleri, Lisans Çift Anadal, 2017-2018

Analiz, Lisans, 2017-2018

REGÜLER MATRİS DÖNÜŞÜMLERİ, Lisans Çift Anadal, 2016-2017

Genel Matematik, Lisans, 2016-2017

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LEBESQUE İNTEGRAL KURAMI, Lisans, 2015-2016

ANALİZ, Lisans, 2015-2016

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LEBESQUE İNTEGRAL KURAMI, Lisans, 2014-2015

MATRİSLERLE TANIMLANAN YENİ DİZİ UZAYLARI, Lisans Yandal, 2014-2015

Genel Matematik, Lisans, 2014-2015

REEL ANALİZ, Lisans, 2014-2015

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MATRİSLERLE TANIMLANAN YENİ DİZİ UZAYLARI, Lisans Yandal, 2013-2014  
GENEL MATEMATİK, Lisans, 2013-2014  
REEL ANALİZ, Lisans, 2013-2014  
Dizi Uzayları, Lisans Çift Anadal, 2012-2013  
Matrislerle Tanımlanan Yeni Dizi Uzayları, Lisans Yandal, 2012-2013  
GENEL MATEMATİK, Lisans, 2012-2013  
ÖLÇÜM, Lisans, 2012-2013  
MATRİS aNALİZİ, Lisans Çift Anadal, 2012-2013  
FONKSİYONEL ANALİZ, Lisans, 2012-2013  
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GENEL MATEMATİK, Lisans, 2011-2012  
ÖLÇÜM, Lisans, 2011-2012  
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MATRİS aNALİZİ, Lisans Çift Anadal, 2010-2011  
REGÜLER MATRİS DÖNÜŞÜMLERİ, Lisans Çift Anadal, 2010-2011  
Analiz III, Lisans, 2010-2011  
ÖLÇÜM, Lisans, 2010-2011  
MATRİS ANALİZİ, Lisans Çift Anadal, 2009-2010  
ÖLÇÜM, Lisans, 2009-2010  
Matematik Analizi, Lisans, 2009-2010  
GENEL MATEMATİK, Lisans, 2009-2010

## Yönetilen Tezler

CANDAN M., Mutlak olmayan tipten bazı dizi uzaylarının belirli cebirsel ve topolojik özellikleri, Yüksek Lisans, P.SALMAN(Öğrenci), 2016  
CANDAN M., Bazı vektör-değerli Orlicz dizi uzayları üzerindeki operatörler, Yüksek Lisans, A.KEMAL(Öğrenci), 2013

## SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Some Characteristics of Matrix Operators on Generalized Fibonacci Weighted Difference Sequence Space**  
CANDAN M.  
SYMMETRY-BASEL, cilt.14, sa.7, 2022 (SCI-Expanded)
- II. **Paranormed Sequence Space of Non-absolute Type Founded Using Generalized Difference Matrix**  
CANDAN M., Gunes A.  
PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES INDIA SECTION A-PHYSICAL SCIENCES, cilt.85, sa.2, ss.269-276, 2015 (SCI-Expanded)
- III. **Domain of the double sequential band matrix in the spaces of convergent and null sequences**  
Candan M.  
ADVANCES IN DIFFERENCE EQUATIONS, 2014 (SCI-Expanded)
- IV. **ALMOST CONVERGENCE AND DOUBLE SEQUENTIAL BAND MATRIX**  
Candan M.  
ACTA MATHEMATICA SCIENTIA, cilt.34, sa.2, ss.354-366, 2014 (SCI-Expanded)
- V. **Domain of the double sequential band matrix in the classical sequence spaces**

Candan M.

JOURNAL OF INEQUALITIES AND APPLICATIONS, 2012 (SCI-Expanded)

## **Diğer Dergilerde Yayınlanan Makaleler**

- I. **A Robust Approach About Compact Operators on Some Generalized Fibonacci Difference Sequence Spaces**  
candan m.  
Fundamentals of contemporary mathematical sciences (Online), cilt.5, sa.1, ss.48-59, 2024 (Hakemli Dergi)
- II. **A Novel Generalized Difference Spaces Constructed by the Modulus Function**  
CANDAN M., SOLAK İ.  
Konuralp Journal of Mathematics, cilt.6, sa.1, ss.17-25, 2018 (Hakemli Dergi)
- III. **A New Outlook for Almost Convergent Sequence Spaces**  
CANDAN M.  
Cumhuriyet Science Journal, cilt.39, sa.1, ss.34-46, 2018 (Hakemli Dergi)
- IV. **A Novel Layout for Almost Convergent Sequence Spaces**  
CANDAN M., KILINÇ G.  
Scholars Journal of Research in mathematics and Computer Science, cilt.2, sa.1, ss.100-108, 2017 (Hakemli Dergi)
- V. **A different approach for almost sequence spaces defined by a generalized weighted means**  
KILINÇ G., CANDAN M.  
Sakarya University Journal of Science, cilt.21, sa.6, ss.1529-1536, 2017 (Hakemli Dergi)
- VI. **SOME GENERALIZED FIBONACCI DIFFERENCE SPACES DEFINED BY A SEQUENCE OF MODULUS FUNCTIONS**  
KILINÇ G., CANDAN M.  
FACTA UNIVERSITATIS-SERIES MATHEMATICS AND INFORMATICS, cilt.32, sa.1, ss.95-115, 2017 (ESCI)
- VII. **A new perspective on paranormed Riesz sequence space of non absolute type**  
CANDAN M.  
Global Journal of Mathematical Analysis, cilt.3, sa.4, ss.150-163, 2015 (Hakemli Dergi)
- VIII. **A different look for paranormed Riesz sequence space of derived by Fibonacci Matrix**  
CANDAN M., KILINÇ G.  
Konuralp J. Math, cilt.3, sa.2, ss.62-76, 2015 (Hakemli Dergi)
- IX. **Vector valued Orlicz sequence space generalilazed with an infinite matrix and some of its specific characteristics**  
CANDAN M.  
Gen. Math. Notes, cilt.29, sa.2, ss.1-16, 2015 (Hakemli Dergi)
- X. **A New Approach on the Spaces of Generalized Fibonacci Difference Null and Convergent Sequences**  
CANDAN M.  
Mathematica Aeterna, cilt.5, sa.1, ss.191-210, 2015 (Hakemli Dergi)
- XI. **Almost Convergent Sequence Space Derived by Generalized Fibonacci Matrix and Fibonacci Core**  
CANDAN M., KUDDUSİ K.  
Brithish J. Math. Comput. Sci, cilt.7, sa.2, ss.150-167, 2015 (Hakemli Dergi)
- XII. **A study on topological and geometrical characteristics of new Banach sequence spaces**  
CANDAN M., KARA E. E.  
Gulf J. Math, cilt.3, sa.4, ss.67-84, 2015 (Hakemli Dergi)
- XIII. **Some new Sequence Spaces Derived from the Spaces of Bounded Convergent and Null Sequences**  
CANDAN M.  
International Journal of Modern Mathematical Sciences, cilt.2014, sa.12, ss.74-87, 2014 (Hakemli Dergi)
- XIV. **A New Sequence Space Isomorphic to the Space  $l(p)$  and Compact Operators**  
CANDAN M.  
J. Math. Comput. Sci., cilt.4, sa.2, ss.306-334, 2014 (Hakemli Dergi)

- XV. **Vector Valued FK Spaces Defined by a Modulus Function and an Infinite Matrix**  
CANDAN M.  
THAI JOURNAL OF MATHEMATICS, cilt.12, sa.1, ss.155-165, 2014 (Scopus)
- XVI. **Some New Sequence Spaces Defined by a Modulus Function and an Infinite Matrix in a Seminormed Space**  
CANDAN M.  
Journal of Mathematical Analysis, sa.3, ss.1-9, 2012 (ESCI)
- XVII. **On New Difference Sequence Spaces Generated By Infinite Matrices**  
CANDAN M., SOLAK İ.  
International Journal of Science and Tecnology, cilt.1, sa.1, ss.15-17, 2006 (Hakemli Dergi)
- XVIII. **On Some Difference Sequence Spaces Generated By Infinite Matrices**  
CANDAN M., SOLAK İ.  
International Journal of Pure and Applied Mathematics, cilt.25, sa.1, ss.79-85, 2005 (Hakemli Dergi)
- XIX. **Operators on Some Vector Valued Orlicz Sequence Spaces**  
YILMAZ Y., ÖZDEMİR M. K., SOLAK İ., CANDAN M.  
Fırat Üniversitesi Fen Bilimleri Enstitüsü, Fen ve Mühendislik Bilimleri Dergisi, cilt.17, sa.1, ss.1-9, 2005 (Hakemli Dergi)

### **Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar**

- I. **A Novel Layout for Almost Convergent Sequence Spaces**  
CANDAN M., KILINÇ G.  
International Conference On mathematics and Mathematics Education, 11 - 13 Mayıs 2017
- II. **A Novel Layout for Almost Convergent Sequence Spaces**  
CANDAN M., KILINÇ G.  
ICMME-2017, 11 - 13 Mayıs 2017
- III. **A different approach for almost sequence spaces defined by a generalized weighted means**  
KILINÇ G., CANDAN M.  
ICANAS 2017, 18 - 21 Nisan 2017
- IV. **A new approach on the spaces of generalized fibonacci difference null and convergent sequences**  
CANDAN M.  
5th international eurasian conference on mathematical science and applications, 16 - 19 Ağustos 2016
- V. **some generalized fibonacci difference spaces defined by a sequence of modulus functions**  
KILINÇ G., CANDAN M.  
international conference on mathematics and mathematics education, 12 - 14 Mayıs 2016
- VI. **A NEW PERSPECTIVE ON PARANORMED RIESZ SEQUENCE SPACE OF NON ABSOLUTE TYPE**  
CANDAN M.  
4-th INTERNATIONAL EURASIAN CONFERENCE ON MATHEMATICAL SCIENCES AND APPLICATIONS, 31 Ağustos - 02 Eylül 2015
- VII. **A NEW OUTLOOK TO PARANORMED SEQUENCE SPACE DERIVED BY GENERALIZED FIBONACCI MATRIX**  
CANDAN M.  
INTERNATIONAL CONFERENCE ON APPLIED ANALYSIS AND MATHEMATICAL MODELLING, 8 - 12 Haziran 2015
- VIII. **A Deeper Look Sequence Spaces Derived by using a Generalized Weighted Mean and Fibonacci Matrix**  
CANDAN M.  
INTERNATIONAL CONFERENCE ON APPLIED ANALAYSIS AND MATHEMATICAL MODELLING, 8 - 12 Haziran 2015
- IX. **Paranormed sequence space of non-absolute type founded using generalized difference matrix**  
CANDAN M.  
ICAAM 2014 Second International Conference on Analysis and Applied Mathematics, 11 - 13 Eylül 2014

- X. **Domain of The Double Sequential Band Matrix in the Spaces of Convergent and Null Sequences**  
CANDAN M.  
Algerian-Türkish International Days on Mathematics, 12 - 14 Eylül 2013
- XI. **Some New Sequence Spaces Derived from the Spaces of Bounded, Convergent and Null Sequences**  
CANDAN M.  
IECMSA-2013, 2-nd International Euroasian Conference on Mathematical Sciences and Applications, 26 - 29 Ağustos 2013
- XII. **A New Sequence Space Isomorphic to the Space  $l(p)$  and Compact Operators**  
CANDAN M.  
IECMSA-2013, 2-nd International Euroasian Conference on Mathematical Sciences and Applications, 26 - 29 Ağustos 2013
- XIII. **Almost Convergence and Generalized Double Sequential Band Matrix**  
CANDAN M.  
IECMSA-2012, 1-st International eurasian Conference on Mathematical Sciences and Applications, 3 - 07 Eylül 2012
- XIV. **Some Structural Properties of Vector Valued Orlicz Sequence Space Generalized by an Infinite Matrix**  
CANDAN M.  
IECMSA-2012, 1-st International eurasian Conference on Mathematical Sciences and Application, 3 - 07 Eylül 2012
- XV. **Vector-valued FK-spaces Defined by a Modulus Function and Infinite Matrix**  
CANDAN M.  
International Conference on Applied Analysis and Algebra, 20 - 24 Haziran 2012
- XVI. **Modülüs Fonksiyonu Yardımıyla Tanımlanmış Delta-r-fark Dizi uzayları**  
CANDAN M.  
XXIV. Ulusal Matematik Sempozyumu, Türkiye, 7 - 10 Eylül 2011
- XVII. **Some New Sequence Spaces Defined by Modulus Function**  
CANDAN M.  
International Conference on Applied Analysis and Algebra, 29 Haziran - 02 Temmuz 2011

## **Metrikler**

Yayın: 41

Atıf (WoS): 63

Atıf (Scopus): 54

H-İndeks (WoS): 4

H-İndeks (Scopus): 4

## **Akademi Dışı Deneyim**

İnönü Üniversitesi