Prof. MURAT CANDAN

Personal Information

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Education Information

Doctorate, Inonu University, Fen-Edebiyat Fakültesi, Matematik Bölümü, Turkey 1999 - 2006

Research Areas

Sequences, Series, Summability, Functional Analysis

Academic Titles / Tasks

Assistant Professor, Inonu University, Fen-Edebiyat Fakültesi, Matematik Bölümü, 2018 - Continues
Assistant Professor, Inonu University, Fen-Edebiyat Fakültesi, Matematik Bölümü, 2010 - 2018
Lecturer PhD, Inonu University, Fen-Edebiyat Fakültesi, Matematik Bölümü, 2006 - 2010
Research Assistant, Inonu University, Fen-Edebiyat Fakültesi, Matematik Bölümü, 1998 - 2006

Courses

Matris Analizi, Undergraduate Double Major, 2017-2018
Dizi Analizi, Undergraduate, 2017-2018
Lebesque İntegral Kuramı, Undergraduate, 2017-2018
Regüler Matris Dönüşümleri, Undergraduate Double Major, 2017-2018
Analiz, Undergraduate, 2017-2018
REGÜLER MATRİS DÖNÜŞÜMLERİ, Undergraduate Double Major, 2016-2017
Genel Matematik, Undergraduate, 2016-2017
Matris Analizi, Undergraduate Double Major, 2016-2017
Analiz, Undergraduate, 2016-2017
Lebesque İntegral Kuramı, Undergraduate, 2016-2017
Dizi Analizi, Undergraduate, 2016-2017
LEBESQUE İNTEGRAL KURAMI, Undergraduate, 2015-2016
ANALİZ, Undergraduate, 2015-2016
MATRİS ANALİZİ, Undergraduate Double Major, 2015-2016
GENEL MATEMATİK, Undergraduate, 2015-2016
Matris Analizi, Undergraduate Double Major, 2014-2015
LEBESQUE İNTEGRAL KURAMI, Undergraduate, 2014-2015
MATRİSLERLE TANIMLANAN YENİ DİZİ UZAYLARI, Undergraduate Minor, 2014-2015
Genel Matematik, Undergraduate, 2014-2015
REEL ANALİZ, Undergraduate, 2014-2015

MATRİS ANALİZİ, Undergraduate Double Major, 2013-2014

LEBESQUE İNTEGRAL KURAMI, Undergraduate, 2013-2014

REGÜLER MATRİS DÖNÜŞÜMLERİ, Undergraduate Double Major, 2013-2014

MATRİSLERLE TANIMLANAN YENİ DİZİ UZAYLARI, Undergraduate Minor, 2013-2014

GENEL MATEMATİK, Undergraduate, 2013-2014

REEL ANALİZ, Undergraduate, 2013-2014

Dizi Uzayları, Undergraduate Double Major, 2012-2013

Matrislerle Tanımlanan Yeni Dizi Uzayları, Undergraduate Minor, 2012-2013

GENEL MATEMATİK, Undergraduate, 2012-2013

ÖLÇÜM, Undergraduate, 2012-2013

MATRİS aNALİZİ, Undergraduate Double Major, 2012-2013

FONKSİYONEL ANALİZ, Undergraduate, 2012-2013

ANALİZ, Undergraduate, 2011-2012

GENEL MATEMATİK, Undergraduate, 2011-2012

ÖLÇÜM, Undergraduate, 2011-2012

MATRİS aNALİZİ, Undergraduate Double Major, 2011-2012

GENEL MATEMATİK, Undergraduate, 2010-2011

MATRİS aNALİZİ, Undergraduate Double Major, 2010-2011

REGÜLER MATRİS DÖNÜŞÜMLERİ, Undergraduate Double Major, 2010-2011

Analiz III, Undergraduate, 2010-2011

ÖLÇÜM, Undergraduate, 2010-2011

MATRİS ANALİZİ, Undergraduate Double Major, 2009-2010

ÖLÇÜM, Undergraduate, 2009-2010

Matematik Analizi, Undergraduate, 2009-2010

GENEL MATEMATİK, Undergraduate, 2009-2010

Advising Theses

CANDAN M., Mutlak olmayan tipten bazı dizi uzaylarının belirli cebirsel ve topolojik özellikleri, Postgraduate, P.SALMAN(Student), 2016

CANDAN M., Bazı vektör-değerli Orlicz dizi uzayları üzerindeki operatörler, Postgraduate, A.KEMAL(Student), 2013

Published journal articles indexed by SCI, SSCI, and AHCI

I. **Some Characteristics of Matrix Operators on Generalized Fibonacci Weighted Difference Sequence Space**
CANDAN M.
SYMMETRY-BASEL, vol.14, no.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, vol.85, no.2, pp.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, vol.34, no.2, pp.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)

Articles Published in Other Journals

I. **A Robust Approach About Compact Operators on Some Generalized Fibonacci Difference Sequence Spaces**
candan m.
Fundamentals of contemporary mathematical sciences (Online), vol.5, no.1, pp.48-59, 2024 (Peer-Reviewed Journal)

II. **A Novel Generalized Difference Spaces Constructed by the Modulus Function**
CANDAN M., SOLAK İ.
Konuralp Journal of Mathematics, vol.6, no.1, pp.17-25, 2018 (Peer-Reviewed Journal)

III. **A New Outlook for Almost Convergent Sequence Spaces**
CANDAN M.
Cumhuriyet Science Journal, vol.39, no.1, pp.34-46, 2018 (Peer-Reviewed Journal)

IV. **A Novel Layout for Almost Convergent Sequence Spaces**
CANDAN M., KILINÇ G.
Scholars Journal of Research in mathematics and Computer Science, vol.2, no.1, pp.100-108, 2017 (Peer-Reviewed Journal)

V. **A different approach for almost sequence spaces defined by a generalized weighted means**
KILINÇ G., CANDAN M.
Sakarya University Journal of Science, vol.21, no.6, pp.1529-1536, 2017 (Peer-Reviewed Journal)

VI. **SOME GENERALIZED FIBONACCI DIFFERENCE SPACES DEFINED BY A SEQUENCE OF MODULUS FUNCTIONS**
KILINÇ G., CANDAN M.
FACTA UNIVERSITATIS-SERIES MATHEMATICS AND INFORMATICS, vol.32, no.1, pp.95-115, 2017 (ESCI)

VII. **A new perspective on paranormed Riesz sequence space of non absolute type**
CANDAN M.
Global Journal of Mathematical Analysis, vol.3, no.4, pp.150-163, 2015 (Peer-Reviewed Journal)

VIII. **A different look for paranormed Riesz sequence space of derived by Fibonacci Matrix**
CANDAN M., KILINÇ G.
Konuralp J. Math, vol.3, no.2, pp.62-76, 2015 (Peer-Reviewed Journal)

IX. **Vector valued Orlicz sequence space generilazed with an infinite matrix and some of its specific characteristics**
CANDAN M.
Gen. Math. Notes, vol.29, no.2, pp.1-16, 2015 (Peer-Reviewed Journal)

X. **A New Approach on the Spaces of Generalized Fibonacci Difference Null and Convergent Sequences**
CANDAN M.
Mathematica Aeterna, vol.5, no.1, pp.191-210, 2015 (Peer-Reviewed Journal)

XI. **Almost Convergent Sequence Space Derived by Generalized Fibonacci Matrix and Fibonacci Core**
CANDAN M., KUDDUSİ K.
Brithish J. Math. Comput. Sci, vol.7, no.2, pp.150-167, 2015 (Peer-Reviewed Journal)

XII. **A study on topological and geometrical characteristics of new Banach sequence spaces**
CANDAN M., KARA E. E.
Gulf J. Math, vol.3, no.4, pp.67-84, 2015 (Peer-Reviewed Journal)

XIII. **Some new Sequence Spaces Derived from the Spaces of Bounded Convergent and Null Sequences**
CANDAN M.
International Journal of Modern Mathematical Sciences, vol.2014, no.12, pp.74-87, 2014 (Peer-Reviewed Journal)

XIV. **A New Sequence Space Isomorphıc to the Space l(p) and Compact Operators**

CANDAN M.

J. Math. Comput. Sci., vol.4, no.2, pp.306-334, 2014 (Peer-Reviewed Journal)

XV. **Vector Valued FK Spaces Defined by a Modulus Function and an Infinite Matrix**

CANDAN M.

THAI JOURNAL OF MATHEMATICS, vol.12, no.1, pp.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, no.3, pp.1-9, 2012 (ESCI)

XVII. **On New Difference Sequence Spaces Generated By Infinite Matrices**

CANDAN M., SOLAK İ.

International Journal of Science and Tecnology, vol.1, no.1, pp.15-17, 2006 (Peer-Reviewed Journal)

XVIII. **On Some Difference Sequence Spaces Generated By Infinite Matrices**

CANDAN M., SOLAK İ.

International Journal of Pure and Applied Mathematics, vol.25, no.1, pp.79-85, 2005 (Peer-Reviewed Journal)

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, vol.17, no.1, pp.1-9, 2005 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

I. **A Novel Layout for Almost Convergent Sequence Spaces**

CANDAN M., KILINÇ G.

International Conference On mathematics and Mathematics Education, 11 - 13 May 2017

II. **A Novel Layout for Almost Convergent Sequence Spaces**

CANDAN M., KILINÇ G.

ICMME-2017, 11 - 13 May 2017

III. **A different approach for almost sequence spaces defined by a generalized weighted means**

KILINÇ G., CANDAN M.

ICANAS 2017, 18 - 21 April 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 August 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 May 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 August - 02 September 2015

VII. **A NEW OUTLOOK TO PARANORMED SEQUENCE SPACE DERİVED BY GENERALIZED FIBONACCI MATRIX**

CANDAN M.

INTERNATIONAL CONFERENCE ON APPLIED ANALYSIS AND MATHEMATICAL MODELLING, 8 - 12 June 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 June 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 September 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 September 2013

XI. **Some New Sequence Spaces Derived from the Spaces of Bounded, Convergent and Null Sequences**

CANDAN M.

IECMSA-2013, 2-nd International Eurosian Conference on Mathematical Sciences and Applications, 26 - 29 August 2013

XII. **A New Sequence Space Isomorphic to the Space l(p) and Compact Operators**

CANDAN M.

IECMSA-2013, 2-nd International Eurosian Conference on Mathematical Sciences and Applications, 26 - 29 August 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 September 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 September 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 June 2012

XVI. **Modülüs Fonksiyonu Yardımıyla Tanımlanmış Delta-r-fark Dizi uzayları**

CANDAN M.

XXIV. Ulusal Matematik Sempozyumu, Turkey, 7 - 10 September 2011

XVII. **Some New Sequence Spaces Defined by Modulus Function**

CANDAN M.

International Conference on Applied Analysis and Algebra, 29 June - 02 July 2011

Metrics

Publication: 41
Citation (WoS): 63
Citation (Scopus): 54
H-Index (WoS): 4
H-Index (Scopus): 4

Non Academic Experience

İnönü Üniversitesi