Prof. YILMAZ YILMAZ

Personal Information

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International Researcher IDs
ORCID: 0000-0003-1484-782X
Publons / Web Of Science ResearcherID: A-9582-2018
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Education Information

Doctorate, Inonu University, Fen Bilimleri Enstitüsü, Matematik (Dr), Turkey 1999 - 2003
Postgraduate, Inonu University, Fen Bilimleri Enstitüsü, Matematik (Dr), Turkey 1996 - 1999
Undergraduate, Inonu University, Fen-Edebiyat Fakültesi, Matematik Bölümü, Turkey 1990 - 1995

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Modülüs fonksiyonu yardımıyla tanımlanmış bazı yeni dizi uzayları, Inonu University, Fen Bilimleri Enstitüsü, Matematik (Dr), 2003
Postgraduate, Tutarlılık teoremleri üzerine, Inonu University, Fen Bilimleri Enstitüsü, Matematik (Dr), 1999

Research Areas

Mathematics, Sequences, Series, Summability, Functional Analysis, Fourier Analysis, Operators, Abstract Harmonic Analysis, Approximations and Expansions, Natural Sciences

Academic Titles / Tasks

Professor, Inonu University, Fen-Edebiyat Fakültesi, Matematik Bölümü, 2013 - Continues
Associate Professor, Inonu University, Fen-Edebiyat Fakültesi, Matematik Bölümü, 2007 - 2013
Research Assistant, Inonu University, Fen-Edebiyat Fakültesi, Matematik Bölümü, 1996 - 2009

Academic and Administrative Experience

Inonu University, Fen-Edebiyat Fakültesi, Matematik Bölümü, 2009 - Continues
Inonu University, Fen-Edebiyat Fakültesi, Matematik Bölümü, 2009 - 2012

Courses

Business Mathematics, Undergraduate, 2018-2019
Business Mathematics, Undergraduate, 2017-2018
FONKSİYONEL ANALİZ 1, Undergraduate, 2015-2016
Modülüs Fonksiyonu ve Dizi Uzatları 2, Undergraduate Minor, 2015-2016
Modülüs Fonksiyonu ve Dizi Uzatları 1, Undergraduate Minor, 2015-2016
MATEMATİK, Associate Degree, 2015-2016
FONKSİYONEL ANALİZ 1, Undergraduate, 2014-2015
FONKSİYONEL ANALİZ 2, Undergraduate, 2014-2015
OPERATÖR MATRİSLER, Undergraduate Minor, 2012-2013
NONLİNEER FONKSİYONEL ANALİZ, Undergraduate Double Major, 2011-2012
Fonksiyonel Analiz 1, Undergraduate, 2011-2012
GENEL MATEMATİK, Undergraduate, 2009-2010

Advising Theses

YILMAZ Y., İç çarpım quasilineer uzayları ve bazı genelleştirmeleri, Doctorate, H.BOZKURT(Student), 2016
YILMAZ Y., Normlu Quasilineer uzaylar teorisine iliş?kin bazı yeni sonuçlar, Doctorate, S.ÇAKAN(Student), 2016
YILMAZ Y., Quasilineer uzaylar arasında tanımlı quasilineer operatörler üzerine, Postgraduate, H.KEZİBAN(Student), 2014
YILMAZ Y., Bazı küme-değerli fonksiyon uzayları ve bu uzaylar arasındaki operatörlerin analizi üzerine, Postgraduate, F.TEMİZSU(Student), 2012
YILMAZ Y., Hilbert uzaylarında ve hilbert c*-modüllerinde bessel dizileri, riesz bazları ve frame'ler, Postgraduate, S.ÇAKAN(Student), 2012
YILMAZ Y., Fusion frames (füzyon çatılar); temelleri, uygulamaları ve bazı genişlemeleri, Postgraduate, Ş.AYTEKİN(Student), 2011

Published journal articles indexed by SCI, SSCI, and AHCI

I. **Inner Product Fuzzy Quasilinear Spaces and Some Fuzzy Sequence Spaces**
YILMAZ Y., Bozkurt H., Levent H., Cetinkaya U.
JOURNAL OF MATHEMATICS, vol.2022, 2022 (SCI-Expanded)
II. **New Inner Product Quasilinear Spaces on Interval Numbers**
Bozkurt H., YILMAZ Y.
JOURNAL OF FUNCTION SPACES, 2016 (SCI-Expanded)
III. **Normed Proper Quasilinear Spaces**
ÇAKAN S., Yılmaz Y.
JOURNAL OF NONLINEAR SCIENCES AND APPLICATIONS, vol.2015, no.8, pp.816-836, 2015 (SCI-Expanded)
IV. **Normed proper quasilinear spaces**
ÇAKAN S., YILMAZ Y.
JOURNAL OF NONLINEAR SCIENCES AND APPLICATIONS, vol.8, no.5, pp.816-836, 2015 (SCI-Expanded)
V. **Topological Quasilinear Spaces**
YILMAZ Y., ÇAKAN S., Aytekin S.
ABSTRACT AND APPLIED ANALYSIS, 2012 (SCI-Expanded)
VI. **On some basic properties of differentiation in intuitionistic fuzzy normed spaces**
Yilmaz Y.
MATHEMATICAL AND COMPUTER MODELLING, vol.52, pp.448-458, 2010 (SCI-Expanded)
VII. **Schauder bases and approximation property in fuzzy normed spaces**
Yilmaz Y.
COMPUTERS & MATHEMATICS WITH APPLICATIONS, vol.59, no.6, pp.1957-1964, 2010 (SCI-Expanded)

VIII. **Relative bases in Banach spaces**
Yilmaz Y.
NONLINEAR ANALYSIS-THEORY METHODS & APPLICATIONS, vol.71, pp.2012-2021, 2009 (SCI-Expanded)

IX. **Frechet differentiation of nonlinear operators between fuzzy normed spaces**
Yilmaz Y.
CHAOS SOLITONS & FRACTALS, vol.41, no.1, pp.473-484, 2009 (SCI-Expanded)

X. **FUNCTION BASES FOR TOPOLOGICAL VECTOR SPACES**
Yilmaz Y.
TOPOLOGICAL METHODS IN NONLINEAR ANALYSIS, vol.33, no.2, pp.335-353, 2009 (SCI-Expanded)

XI. **Representations of Operators on Certain Function Spaces and Operator Matrices**
Yilmaz Y.
BULLETIN OF THE MALAYSIAN MATHEMATICAL SCIENCES SOCIETY, vol.32, no.2, pp.151-159, 2009 (SCI-Expanded)

XII. **Characterizations of some operator spaces by relative adjoint operators**
Yilmaz Y.
NONLINEAR ANALYSIS-THEORY METHODS & APPLICATIONS, vol.65, no.10, pp.1833-1842, 2006 (SCI-Expanded)

XIII. **Structural properties of some function spaces**
Yilmaz Y.
NONLINEAR ANALYSIS-THEORY METHODS & APPLICATIONS, vol.59, no.6, pp.959-971, 2004 (SCI-Expanded)

Articles Published in Other Journals

I. **Complex Interval Matrix and Its Some Properties**
Levent H., YILMAZ Y.
Turkish Journal of Mathematics and Computer Science, vol.15, no.1, pp.20-26, 2023 (Peer-Reviewed Journal)

II. **On the Algebra of Interval Vectors**
YILMAZ Y., Levent H., BOZKURT H.
Mathematical Sciences and Applications E-Notes, vol.11, no.2, pp.67-79, 2023 (Peer-Reviewed Journal)

III. **Some Important Classes of the Continuous and Complex Interval-Valued Functions**
Levent H., YILMAZ Y.
Fundamentals of contemporary mathematical sciences (Online), vol.4, no.1, pp.46-55, 2023 (Peer-Reviewed Journal)

IV. **Analysis of signals with inexact data by using interval-valued functions**
Levent H., YILMAZ Y.
JOURNAL OF ANALYSIS, vol.30, no.4, pp.1635-1651, 2022 (ESCI)

V. **A generalization of the Hahn-Banach theorem in seminormed quasilinear spaces**
Çakan S., Yılmaz Y.
Journal of Mathematics and Applications, vol.42, pp.79-94, 2019 (Peer-Reviewed Journal)

VI. **TRANSLATION, MODULATION AND DILATION SYSTEMS IN SET-VALUED SIGNAL PROCESSING**
Levent H., YILMAZ Y.
CARPATHIAN MATHEMATICAL PUBLICATIONS, vol.10, no.1, pp.143-164, 2018 (ESCI)

VII. **On Orthonormal Sets in Inner Product Spaces**
Yılmaz Y., Bozkurt H., ÇAKAN S.
Creative Mathematics and Informatics, vol.2016, no.25, pp.237-247, 2016 (Peer-Reviewed Journal)

VIII. **Lower and Upper Semi Convergence in Normed Quasilinear Spaces**
ÇAKAN S., Yılmaz Y.
Nonlinear Functional Analysis and Applications, vol.2016, no.21, pp.501-511, 2016 (Scopus)

IX. **SOME NEW PROPERTIES OF INNER PRODUCT QUASILINEAR SPACES**
Bozkurt H., YILMAZ Y.
BULLETIN OF MATHEMATICAL ANALYSIS AND APPLICATIONS, vol.8, no.1, pp.37-45, 2016 (ESCI)

X. **Some new results on inner product quasilinear spaces**
Bozkurt H., YILMAZ Y.
COGENT MATHEMATICS, vol.3, 2016 (ESCI)

XI. **Lower and Upper Semi Basis in Quasilinear Spaces**
ÇAKAN S., Yılmaz Y.
Erciyes University Journal of the Institute of Science and Technology, vol.2015, no.31, pp.97-104, 2015 (Peer-Reviewed Journal)

XII. **Localization Principle in Normed Quasilinear Spaces**
ÇAKAN S., Yılmaz Y.
Information Sciences and Computing, vol.2015, pp.1-15, 2015 (Peer-Reviewed Journal)

XIII. **On the Quasimodules and Normed Quasimodules**
ÇAKAN S., Yılmaz Y.
Nonlinear Functional Analysis and Applications, vol.2015, no.20, pp.269-288, 2015 (Scopus)

XIV. **A Generalization of Hölder and Minkowski Inequalities**
YILMAZ Y., ÖZDEMİR M. K., SOLAK İ.
Journal of Inequalities in Pure and Applied Mathematics, vol.7, no.5, pp.1-9, 2006 (Scopus)

XV. **Köthe-Toeplitz Duals of Some Vector-Valued Orlicz Sequence Spaces**
YILMAZ Y., ÖZDEMİR M. K.
Soochow Journal of Mathematics, vol.31, no.3, pp.389-402, 2005 (Peer-Reviewed Journal)

XVI. **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)

XVII. **Köthe Töplitz Duals of some Vector Valued Orlicz Sequence Spaces**
YILMAZ Y., ÖZDEMİR M. K.
Soochow Journal of Mathematics, vol.31, no.3, pp.389-402, 2005 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

I. **Some Characterizations on Compact Subsets of Normed Quasilinear Spaces Riesz Lemma and its an Application**
ÇAKAN S., YILMAZ Y.
International Conference on Mathematics and Mathematics Education (ICMME-2016), Fırat University, Elazığ, 12-14 May 2016., 12 May 2016

II. **Quasilinear Spaces with its Regular Singular Dimensions and Some New Results**
ÇAKAN S., YILMAZ Y.
International Conference on Mathematics and Mathematics Education (ICMME-2016), Fırat University, Elazığ, 12-14 May 2016., 12 May 2016

III. **Quasimodules and Normed Quasimodules on a Quasiring**
ÇAKAN S., YILMAZ Y.
Karatekin Mathematics Days 2014, Karatekin University, Çankırı, 11-13 June 2014., 11 June 2014

IV. **Topological Quasilinear Spaces**
Yılmaz Y., Çakan S.
Conference on Summability and Applications 2011, Istanbul Commerce University, İstanbul, 12-13 May 2011., İstanbul, Turkey, 12 May 2011

V. **Quasilineer Uzaylarda Baz ve Boyut Kavramı**
YILMAZ Y., TEMİZSU F., ÇAKAN S.
XXIV. Ulusal Matematik Sempozyumu, Uludağ Üniversitesi, Bursa, 7-11 Eylül 2011., Bursa, Turkey, 07 September 2011

VI. **Hölder ve Minkowski Eşitsizliklerinin Mutlak Monoton Yarınormlu Normal Dizi Cebirlerine Bir**

Genelleştirmesi

YILMAZ Y., ÖZDEMİR M. K., Solak İ.

XIV.Ulusal Matematik Sempozyumu, Eskişehir, Turkey, 3 - 07 September 2001, pp.1

Metrics

Publication: 36

Citation (WoS): 49

Citation (Scopus): 42

H-Index (WoS): 5

H-Index (Scopus): 4

Non Academic Experience

University of Bath, İngiltere