

Prof. YILMAZ YILMAZ

Personal Information

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Education Information

Doctorate, Inonu University, Fen Bilimleri Enstitüsü, Matematik (Dr), Turkey 1999 - 2003

Post Graduate, Inonu University, Fen Bilimleri Enstitüsü, Matematik (Dr), Turkey 1996 - 1999

Under Graduate, 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

Post Graduate, 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

Professional Experience

Head of Department, Inonu University, Fen-Edebiyat Fakültesi, Matematik Bölümü, 2009 - Continues

Deputy Head of Department, Inonu University, Fen-Edebiyat Fakültesi, Matematik Bölümü, 2009 - 2012

Advising Theses

YILMAZ Y., İç çarpım quasilineer uzayları ve bazı genelleştirmeleri, Doctorate, H.BOZKURT(Student), 2016

YILMAZ Y., Normlu Quasilineer uzaylar teorisine ilişkin bazı yeni sonuçlar, Doctorate, S.ÇAKAN(Student), 2016

YILMAZ Y., Quasilineer uzaylar arasında tanımlı quasilineer operatörler üzerine, Post Graduate, H.KEZİBAN(Student),

2014

YILMAZ Y., Bazı küme-değerli fonksiyon uzayları ve bu uzaylar arasındaki operatörlerin analizi üzerine, Post Graduate, F.TEMİZSU(Student), 2012

YILMAZ Y., Hilbert uzaylarında ve hilbert c^* -modüllerinde besel dizileri, riesz bazları ve frame'ler, Post Graduate, S.ÇAKAN(Student), 2012

YILMAZ Y., Fusion frames (füzyon çatılar); temelleri, uygulamaları ve bazı genişlemeleri, Post Graduate, Ş.AYTEKİN(Student), 2011

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **New Inner Product Quasilinear Spaces on Interval Numbers**
Bozkurt H., YILMAZ Y.
JOURNAL OF FUNCTION SPACES, 2016 (Journal Indexed in SCI)
- II. **Normed Proper Quasilinear Spaces**
ÇAKAN S., Yılmaz Y.
JOURNAL OF NONLINEAR SCIENCES AND APPLICATIONS, vol.2015, no.8, pp.816-836, 2015 (Journal Indexed in SCI Expanded)
- III. **Normed proper quasilinear spaces**
ÇAKAN S., YILMAZ Y.
JOURNAL OF NONLINEAR SCIENCES AND APPLICATIONS, vol.8, no.5, pp.816-836, 2015 (Journal Indexed in SCI)
- IV. **Topological Quasilinear Spaces**
YILMAZ Y., ÇAKAN S., Aytekin S.
ABSTRACT AND APPLIED ANALYSIS, 2012 (Journal Indexed in SCI)
- V. **On some basic properties of differentiation in intuitionistic fuzzy normed spaces**
Yılmaz Y.
MATHEMATICAL AND COMPUTER MODELLING, vol.52, pp.448-458, 2010 (Journal Indexed in SCI)
- VI. **Schauder bases and approximation property in fuzzy normed spaces**
Yılmaz Y.
COMPUTERS & MATHEMATICS WITH APPLICATIONS, vol.59, no.6, pp.1957-1964, 2010 (Journal Indexed in SCI)
- VII. **Relative bases in Banach spaces**
Yılmaz Y.
NONLINEAR ANALYSIS-THEORY METHODS & APPLICATIONS, vol.71, pp.2012-2021, 2009 (Journal Indexed in SCI)
- VIII. **Frechet differentiation of nonlinear operators between fuzzy normed spaces**
Yılmaz Y.
CHAOS SOLITONS & FRACTALS, vol.41, no.1, pp.473-484, 2009 (Journal Indexed in SCI)
- IX. **FUNCTION BASES FOR TOPOLOGICAL VECTOR SPACES**
Yılmaz Y.
TOPOLOGICAL METHODS IN NONLINEAR ANALYSIS, vol.33, no.2, pp.335-353, 2009 (Journal Indexed in SCI)
- X. **Representations of Operators on Certain Function Spaces and Operator Matrices**
Yılmaz Y.
BULLETIN OF THE MALAYSIAN MATHEMATICAL SCIENCES SOCIETY, vol.32, no.2, pp.151-159, 2009 (Journal Indexed in SCI)
- XI. **Characterizations of some operator spaces by relative adjoint operators**
Yılmaz Y.
NONLINEAR ANALYSIS-THEORY METHODS & APPLICATIONS, vol.65, no.10, pp.1833-1842, 2006 (Journal Indexed in SCI)
- XII. **Structural properties of some function spaces**
Yılmaz Y.
NONLINEAR ANALYSIS-THEORY METHODS & APPLICATIONS, vol.59, no.6, pp.959-971, 2004 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **A generalization of the Hahn-Banach theorem in seminormed quasilinear spaces**
ÇAKAN S., Yılmaz Y.
Journal of Mathematics and Applications, no.41, pp.1-16, 2019 (International Refereed University Journal)
- II. **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 (Journal Indexed in ESCI)
- III. **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 (Refereed Journals of Other Institutions)
- IV. **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 (Refereed Journals of Other Institutions)
- V. **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 (Journal Indexed in ESCI)
- VI. **Some new results on inner product quasilinear spaces**
Bozkurt H., YILMAZ Y.
COGENT MATHEMATICS, vol.3, 2016 (Journal Indexed in ESCI)
- VII. **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 (National Refreed University Journal)
- VIII. **Localization Principle in Normed Quasilinear Spaces**
ÇAKAN S., Yılmaz Y.
Information Sciences and Computing, vol.2015, pp.1-15, 2015 (Refereed Journals of Other Institutions)
- IX. **On the Quasimodules and Normed Quasimodules**
ÇAKAN S., Yılmaz Y.
Nonlinear Functional Analysis and Applications, vol.2015, no.20, pp.269-288, 2015 (Refereed Journals of Other Institutions)
- X. **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 (Refereed Journals of Other Institutions)
- XI. **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 (Refereed Journals of Other Institutions)
- XII. **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 (Other Refereed National Journals)
- XIII. **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 (Refereed Journals of Other Institutions)

Refereed Congress / Symposium Publications in Proceedings

- I. **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
- II. **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
- 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**
YILMAZ Y., ÇAKAN S., AYTEKİN Ş.
Conference on Summability and Applications 2011, Istanbul Commerce University, İstanbul, 12-13 May 2011., 12 May 2011
- V. **Quasilinear 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 Genelleştirme**
YILMAZ Y., ÖZDEMİR M. K. , Solak İ.
XIV.Ulusal Matematik Sempozyumu, Eskişehir, Turkey, 3 - 07 September 2001, pp.1
- VII. **Hölder ve Minkowski Eşitsizliklerinin Mutlak Monoton Yarınormlu Normal Dizi Cebirlerine Bir Genelleştirme**
YILMAZ Y., ÖZDEMİR M. K. , Solak İ.
XIV.Ulusal Matematik Sempozyumu, Eskişehir, Turkey, 3 - 07 September 2001, pp.1

Citations

Total Citations (WOS):49

h-index (WOS):5