

Prof. BİLAL ALTAY

Personal Information

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International Researcher IDs

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Education Information

Doctorate, Inonu University, Fen Bilimleri Enstitüsü, Matematik (Dr), Turkey 1997 - 2002

Postgraduate, Inonu University, Fen Bilimleri Enstitüsü, Matematik (Dr), Turkey 1995 - 1997

Undergraduate, Inonu University, Eğitim Fakültesi, Matematik Ve Fen Bilimleri Eğitimi Bölümü, Turkey 1991 - 1995

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Bazı yeni çift dizi uzayları, Inonu University, Fen Bilimleri Enstitüsü, Matematik (Dr), 2002

Postgraduate, Ters çevrilebilir matrisler üzerine, Inonu University, Fen Bilimleri Enstitüsü, Matematik (Dr), 1997

Research Areas

Mathematics, Functional Analysis, Natural Sciences

Academic Titles / Tasks

Professor, Inonu University, Eğitim Fakültesi, Matematik Ve Fen Bilimleri Eğitimi Bölümü, 2011 - Continues

Associate Professor, Inonu University, Eğitim Fakültesi, İlköğretim Bölümü, 2009 - 2011

Research Assistant PhD, Inonu University, Eğitim Fakültesi, İlköğretim Bölümü, 2002 - 2009

Research Assistant, Inonu University, Eğitim Fakültesi, İlköğretim Bölümü, 1995 - 2002

Academic and Administrative Experience

Inonu University, Eğitim Fakültesi, 2016 - 2017

Inonu University, Eğitim Fakültesi, Matematik Ve Fen Bilimleri Eğitimi Bölümü, 2016 - 2017

Inonu University, Eğitim Fakültesi, İlköğretim Bölümü, 2015 - 2016

Courses

CEBİRE GİRİŞ, Undergraduate, 2017 - 2018

Advising Theses

- ALTAY B., Banach uzaylarında bazı dizi uzaylarının kopyaları üzerine, Doctorate, R.KAMA(Student), 2017
ALTAY B., İnvaryant dizi uzayları, Postgraduate, M.TEMİZER(Student), 2016
ALTAY B., Matris etki alanlarının altuzayları üzerine, Postgraduate, A.ULU(Student), 2013
ALTAY B., Bazı dizi uzaylarının bölümsel özellikleri ve dualleri üzerine, Postgraduate, Y.ATALAN(Student), 2012
ALTAY B., Çift dizilerde I- yakınsaklık üzerine, Doctorate, E.DÜNDAR(Student), 2010
ALTAY B., Çift indisli diziler için çekirdek teoremleri, Doctorate, Y.SEVER(Student), 2010
ALTAY B., FK uzayları üzerine, Postgraduate, M.KARAKUŞ(Student), 2009

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **The Effects of Mobile Technology on Learning Performance and Motivation in Mathematics Education**
POÇAN S., ALTAY B., YAŞAROĞLU C.
EDUCATION AND INFORMATION TECHNOLOGIES, 2022 (Peer-Reviewed Journal)
- II. **On f-strongly Cesaro and f-statistical derivable functions**
ALTAY B., Garcia-Pacheco F. J. , KAMA R.
AIMS MATHEMATICS, vol.7, no.6, pp.11276-11291, 2022 (Peer-Reviewed Journal)
- III. **Multiplier Sequence Spaces Defined by Statistical Summability and Orlicz-Pettis Theorem**
KAMA R., ALTAY B.
NUMERICAL FUNCTIONAL ANALYSIS AND OPTIMIZATION, 2021 (Peer-Reviewed Journal)
- IV. **On Cesaro summability of vector valued multiplier spaces and operator valued series**
ALTAY B., KAMA R.
POSITIVITY, vol.22, no.2, pp.575-586, 2018 (Peer-Reviewed Journal)
- V. **Weakly unconditionally Cauchy series and Fibonacci sequence spaces**
KAMA R., ALTAY B.
JOURNAL OF INEQUALITIES AND APPLICATIONS, 2017 (Peer-Reviewed Journal)
- VI. **I-2-Uniform Convergence of Double Sequences of Functions**
DÜNDAR E., ALTAY B.
FILOMAT, vol.30, no.5, pp.1273-1281, 2016 (Peer-Reviewed Journal)
- VII. **I-2-CONVERGENCE AND I-2-CAUCHY DOUBLE SEQUENCES**
DÜNDAR E., ALTAY B.
ACTA MATHEMATICA SCIENTIA, vol.34, no.2, pp.343-353, 2014 (Peer-Reviewed Journal)
- VIII. **On Some Double Cesaro Sequence Spaces**
SEVER Y., Altay B.
FILOMAT, vol.28, no.7, pp.1417-1424, 2014 (Peer-Reviewed Journal)
- IX. **SOME INEQUALITIES RELATED TO THE PRINGSHEIM, STATISTICAL AND sigma-CORES OF DOUBLE SEQUENCES**
Cakan C., ALTAY B., Coskun H.
HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, vol.42, no.2, pp.115-123, 2013 (Peer-Reviewed Journal)

- X. **Multipliers for bounded $l(2)$ -convergence of double sequences**
Dundar E., ALTAY B.
MATHEMATICAL AND COMPUTER MODELLING, vol.55, pp.1193-1198, 2012 (Peer-Reviewed Journal)
- XI. **DOUBLE LACUNARY DENSITY AND LACUNARY STATISTICAL CONVERGENCE OF DOUBLE SEQUENCES**
Cakan C., ALTAY B., Coskun H.
STUDIA SCIENTIARUM MATHEMATICARUM HUNGARICA, vol.47, no.1, pp.35-45, 2010 (Peer-Reviewed Journal)
- XII. **Matrix transformations on some sequence spaces related to strong Cesaro summability and boundedness**
ALTAY B., Basar F., Malkowsky E.
APPLIED MATHEMATICS AND COMPUTATION, vol.211, no.2, pp.255-264, 2009 (Peer-Reviewed Journal)
- XIII. **σ -REGULAR MATRICES AND A σ -CORE THEOREM FOR DOUBLE SEQUENCES**
Cakan C., ALTAY B., Coskun H.
HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, vol.38, no.1, pp.51-58, 2009 (Peer-Reviewed Journal)
- XIV. **Matrix transformations on the matrix domains of triangles in the spaces of strongly $C-1$ -summable and bounded sequences**
Basar F., Malkowsky E., ALTAY B.
PUBLICATIONES MATHEMATICAE-DEBRECEN, vol.73, pp.193-213, 2008 (Peer-Reviewed Journal)
- XV. **Certain topological properties and duals of the domain of a triangle matrix in a sequence space**
Altay B., Basar F.
JOURNAL OF MATHEMATICAL ANALYSIS AND APPLICATIONS, vol.336, no.1, pp.632-645, 2007 (Peer-Reviewed Journal)

Articles Published in Other Journals

- I. **Matematik Öğretiminde Mobil Teknoloji Kullanımına Yönelik Veli Görüşleri**
POÇAN S., ALTAY B., YAŞAROĞLU C.
İnönü Üniversitesi Eğitim Fakültesi Dergisi, vol.22, no.1, pp.500-532, 2021 (Peer-Reviewed Journal)
- II. **Difference matrix and some multiplier sequence spaces**
KAMA R., ALTAY B.
Konuralp Journal of Mathematics, vol.5, no.2, pp.260-267, 2017 (Peer-Reviewed Journal)
- III. **Some sequence spaces and completeness of normed spaces**
KAMA R., ALTAY B.
Creative Mathematics and informations, vol.26, no.3, pp.281-287, 2017 (Peer-Reviewed Journal)
- IV. **On Riesz Sections in Sequence Spaces**
TEMİZER M., ALTAY B., FURKAN H.
Journal of Advances in Mathematics Computer Science, vol.24, no.3, pp.1-10, 2017 (Peer-Reviewed Journal)
- V. **On Some Classes of Four Dimensional Regular Matrices**
SEVER Y., ALTAY B.
THAI JOURNAL OF MATHEMATICS, vol.14, no.1, pp.13-19, 2016 (Peer-Reviewed Journal)
- VI. **On the core of double sequences**
SEVER Y., ALTAY B.
Sarajevo Journal of Mathematics, vol.11, pp.273-282, 2015 (Peer-Reviewed Journal)
- VII. **I_2 CONVERGENCE OF DOUBLE SEQUENCES OF FUNCTIONS**
DÜNDAR E., ALTAY B.
Electronic Journal of Mathematical Analysis and Applications, vol.3, no.1, pp.111-121, 2015 (Peer-Reviewed Journal)
- VIII. **On convergence of double sequences of closed sets**
SEVER Y., TALO Ö., ALTAY B.
Contemporary Analysis and Applied Mathematics, vol.3, no.1, pp.30-49, 2015 (Peer-Reviewed Journal)
- IX. **Domain of Generalized Difference Matrix B_r s on Some Maddox s Spaces**

- AYDIN C., ALTAY B.
THAI JOURNAL OF MATHEMATICS, vol.11, no.1, pp.87-102, 2012 (Peer-Reviewed Journal)
- X. **On Some Properties of I2 Convergence and I2 Cauchy of Double Sequences**
DÜNDAR E., ALTAY B.
General Math Notes, vol.7, no.1, pp.1-12, 2011 (Peer-Reviewed Journal)
- XI. **The fine spectrum and the matrix domain of the difference operator on the sequence space lp_0**
ALTAY B., BAŞAR F.
Communications in Mathematical Analysis, vol.2, no.2, pp.1-11, 2007 (Peer-Reviewed Journal)
- XII. **Some paranormed Riesz sequence spaces of non absolute type**
ALTAY B., BAŞAR F.
SOUTHEAST ASIAN BULLETIN OF MATHEMATICS, vol.30, no.4, pp.591-608, 2006 (Peer-Reviewed Journal)
- XIII. **On some new Euler difference sequence spaces**
ALTAY B., POLAT H.
SOUTHEAST ASIAN BULLETIN OF MATHEMATICS, vol.30, no.2, pp.209-220, 2006 (Peer-Reviewed Journal)
- XIV. **On the spectrum and the fine spectrum of the Zweier matrix as an operator on some sequence spaces**
KARAKUŞ M., ALTAY B.
THAI JOURNAL OF MATHEMATICS, vol.3, no.2, pp.153-162, 2005 (Peer-Reviewed Journal)
- XV. **On the paranormed Riesz sequence spaces of non absolute type**
ALTAY B., BAŞAR F.
Southeast Asian Bull. Math., vol.26, no.5, pp.701-715, 2003 (Peer-Reviewed Journal)
- XVI. **Matrix mappings on the space bs_p and its duals**
BAŞAR F., ALTAY B.
Aligarh Bull. Math, vol.21, no.1, pp.79-91, 2002 (Peer-Reviewed Journal)
- XVII. **On Reversible Matrices**
ALTAY B., BAŞAR F.
An. Univ. Timişoara Ser. Mat-Inform, vol.38, no.1, pp.17-26, 2000 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **New Distinguished Subspaces of F_k Spaces**
TEMİZER M., FURKAN H., ALTAY B.
International Conference on Mathematics and Mathematics Education (ICMME), 11 - 13 May 2017
- II. **Science Teacher Candidates' Concept Images Of Function**
Nacar S., MACİT E., Altay .
International Conference on Education in Mathematics, Science Technology (ICEMST), Antalya, Turkey, 28 April - 01 May 2017, pp.35
- III. **Elementary School Teaching Department Students' Concept Images Of Function**
MACİT E., Nacar S., Altay .
International Conference on Education in Mathematics, Science Technology (ICEMST), Antalya, Turkey, 28 April - 01 May 2017, pp.70
- IV. **Unconditionally Cauchy Series and Zewier Matrix Method**
KAMA R., ALTAY B.
International Conference on Analysis and Its Applications (ICAA-2016), 12 - 15 July 2016
- V. **On Weakly Sections in Sequence Spaces**
TEMİZER M., FURKAN H., ALTAY B.
international conference on recent advances in pure and applied mathematics, 19 - 23 May 2016
- VI. **Riesz semiconservative FK space**
TEMİZER M., FURKAN H., ALTAY B.
International conference on mathematics and mathematics education (icmme-2016), 12 - 14 May 2016

VII. Zweier Matrix Method and Weakly Unconditionally Cauchy series

KAMA R., ALTAY B.

International Conference on Mathematics and Mathematics Education (ICMME-2016), 12 - 14 May 2016

VIII. On some sectional subspaces of FK spaces

TEMİZER M., ALTAY B.

International Conference on Advancement in Mathematical Sciences, Antalya, Turkey, 5 - 07 November 2015

IX. New Sectional Properties in FK Spaces and Duals

TEMİZER M., FURKAN H., ALTAY B.

International Conference on Recent Advances in Pure and Applied Mathematics (ICRAPAM 2015), İstanbul, Turkey,
3 - 06 June 2015

Supported Projects

ALTAY B., TUBITAK Project, Lineer Topolojik uzaylar Frechet Uzayları Arasındaki operatörler ve uygulamaları görüntüleme ve animasyonlar, 2014 - Continues

Metrics

Publication: 41

Citation (WoS): 150

Citation (Scopus): 128

H-Index (WoS): 7

H-Index (Scopus): 6