Prof. BİLAL ALTAY

Personal Information

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International Researcher IDs
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Publons / Web Of Science ResearcherID: ABG-9578-2020
ScopusID: 8233265400
Yoksis Researcher ID: 8954

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

Courses

CEBİRE GİRİŞ, Undergraduate, 2017 - 2018
Cebire Giriş, Undergraduate, 2015-2016
Cebire Giriş, Undergraduate, 2014-2015
Cebire Giriş, Undergraduate, 2013-2014
Dizi Uzayları, Undergraduate Double Major, 2013-2014
Öğretmenlik Uygulaması, Undergraduate, 2013-2014
Topluma Hizmet Uygulamaları, Undergraduate, 2013-2014
Analiz III, Undergraduate, 2013-2014
Soyut Matematik, Undergraduate, 2013-2014
Diferensiyel Denklemler, Undergraduate, 2013-2014
Cebire Giriş, Undergraduate, 2013-2014
Cebire Giriş , Undergraduate, 2012-2013
Cebire Giriş, Undergraduate, 2012-2013
Soyut Matematik, Undergraduate, 2012-2013
Çift İndisli Dizi Uzayları I, Undergraduate Minor, 2012-2013
Bazı Matris Sınıflarının Karakterizasyonu, Undergraduate Double Major, 2012-2013
Dizi Uzayları, Undergraduate Double Major, 2012-2013
Bilgisayar Destekli Matematik Öğretimi, Undergraduate Double Major, 2012-2013
Lineer Cebir I, Undergraduate, 2012-2013
Cebire Giriş, Undergraduate, 2011-2012
Cebire Giriş, Undergraduate, 2010-2011

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 özelikleri 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, vol.28, no.1, pp.683-712, 2023 (SSCI)
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 (SCI-Expanded)
III. **Multiplier Sequence Spaces Defined by Statistical Summability and Orlicz-Pettis Theorem**
KAMA R., ALTAY B.

NUMERICAL FUNCTIONAL ANALYSIS AND OPTIMIZATION, vol.42, no.12, pp.1410-1422, 2021 (SCI-Expanded)

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 (SCI-Expanded)

V. **Weakly unconditionally Cauchy series and Fibonacci sequence spaces**
KAMA R., ALTAY B.
JOURNAL OF INEQUALITIES AND APPLICATIONS, 2017 (SCI-Expanded)

VI. **I-2-Uniform Convergence of Double Sequences of Functions**
DÜNDAR E., ALTAY B.
FILOMAT, vol.30, no.5, pp.1273-1281, 2016 (SCI-Expanded)

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 (SCI-Expanded)

VIII. **On Some Double Cesaro Sequence Spaces**
SEVER Y., Altay B.
FILOMAT, vol.28, no.7, pp.1417-1424, 2014 (SCI-Expanded)

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 (SCI-Expanded)

X. **Multipliers for bounded l(2)-convergence of double sequences**
Dundar E., ALTAY B.
MATHEMATICAL AND COMPUTER MODELLING, vol.55, pp.1193-1198, 2012 (SCI-Expanded)

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 (SCI-Expanded)

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 (SCI-Expanded)

XIII. **sigma-REGULAR MATRICES AND A sigma-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 (SCI-Expanded)

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 (SCI-Expanded)

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 (SCI-Expanded)

Articles Published in Other Journals

I. **7. Sınıf Öğrencilerine Yönelik Bir Orantısal Akıl Yürütme Beceri Testi (OAYBT) Geliştirilmesi**
KIRMIZIGÜL H. G., İLHAN A., ALTAY B.
İnönü Üniversitesi Eğitim Fakültesi Dergisi, vol.24, no.2, pp.1222-1242, 2023 (Peer-Reviewed Journal)

II. **Spatial ability test for university students: Development, validity and reliability studies**
AÇIKGÜL K., ŞAD S. N., ALTAY B.
International Journal of Assessment Tools in Education, vol.10, no.1, pp.76-97, 2023 (ESCI)

III. **Examination of prospective primary mathematics teachers' attitudes and self - efficiency beliefs in**

terms of various variables
NACAR S., MACİT E., ALTAY B.
Journal for the Mathematics Education and Teaching Practices, vol.2, no.2, pp.81-91, 2021 (Peer-Reviewed Journal)

IV. **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)

V. **6. Sınıf Öğrencilerinin Kesir Kavram İmajlarının İncelenmesi (Kesrin Farklı Anlamları Temelinde)**
MACİT E., ALTAY B.
İnönü Üniversitesi Eğitim Bilimleri Enstitüsü Dergisi, vol.7, no.14, pp.104-118, 2020 (Peer-Reviewed Journal)

VI. **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)

VII. **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)

VIII. **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)

IX. **On Some Classes of Four Dimensional Regular Matrices**
SEVER Y., ALTAY B.
THAI JOURNAL OF MATHEMATICS, vol.14, no.1, pp.13-19, 2016 (ESCI)

X. **I2 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)

XI. **On the core of double sequences**
SEVER Y., ALTAY B.
Sarajevo Journal of Mathematics, vol.11, pp.273-282, 2015 (Peer-Reviewed Journal)

XII. **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)

XIII. **Domain of Generalized Difference MatrixB r s on Some Maddox s Spaces**
AYDIN C., ALTAY B.
THAI JOURNAL OF MATHEMATICS, vol.11, no.1, pp.87-102, 2012 (Scopus)

XIV. **On Some Properties of I2 Convergenceand I2 Cauchy of Double Sequences**
DÜNDAR E., ALTAY B.
General Math Notes, vol.7, no.1, pp.1-12, 2011 (Peer-Reviewed Journal)

XV. **The fine spectrum and the matrix domain of the difference operator on the sequence space lp 0 p 1**
ALTAY B., BAŞAR F.
Communications in Mathematical Analysis, vol.2, no.2, pp.1-11, 2007 (Scopus)

XVI. **On some new Euler difference sequence spaces**
ALTAY B., POLAT H.
SOUTHEAST ASIAN BULLETIN OF MATHEMATICS, vol.30, no.2, pp.209-220, 2006 (ESCI)

XVII. **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 (ESCI)

XVIII. **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 (ESCI)

XIX. **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)

XX. **Matrix mappings on the space bs p and its and duals**
BAŞAR F., ALTAY B.
Aligarh Bull. Math, vol.21, no.1, pp.79-91, 2002 (Peer-Reviewed Journal)

XXI. **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. **Uzamsal Yetenek Testinin Geliştirilmesi: Geçerlik ve Güvenirlik Çalışmaları**
AÇIKGÜL K., ŞAD S. N., ALTAY B.
VIIth International Eurasian Educational Research Congress, Turkey, 10 - 13 September 2020

II. **İlköğretim matematik öğretmen adaylarının işbirlikli öğrenme yöntemine ilişkin görüşleri**
MACİT E., NACAR S., ALTAY B.
IV. Uluslararası Battalgazi Multidisipliner Kongresi, Turkey, 29 February - 01 March 2020

III. **Ortaokul matematik öğretmenlerinin kesir kavram yanılgılarına ilişkin görüşleri.**
MACİT E., NACAR S., ALTAY B.
IV. Uluslararası Battalgazi Multidisipliner Kongresi, Turkey, 29 February - 01 March 2020

IV. **Cebire Giriş Dersinden İşlem, Cebirsel Yapı ve Grup Kavram İmajları**
NACAR S., Macit E., ALTAY B.
1. Uluslararası 23 Nisan Multidisipliner Çalışmalar Kongresi, 23 - 25 April 2019

V. **Science Teacher Candidates' Concept Images of Function**
NACAR S., Macit E., ALTAY B.
International Conference on Education in Mathematics, Science Technology (ICEMST), 28 April - 01 May 2018

VI. **Using of Drama Method in History of Science Course**
NACAR S., Macit E., ALTAY B.
International Conference on Education in Mathematics, Science Technology (ICEMST), 28 April - 01 May 2018

VII. **New Distinguished Subspaces of Fk Spaces**
TEMİZER M., FURKAN H., ALTAY B.
International Conference on Mathematics and Mathematics Education (ICMME), 11 - 13 May 2017

VIII. **Scıence Teacher Candıdates' Concept Images Of Functıon**
Nacar S., MACİT E., Altay .
International Conference on Education in Mathematics, Science Technology (ICEMST), Antalya, Turkey, 28 April - 01 May 2017, pp.35

IX. **Elementary School Teachıng Department Students' Concept Images Of Functıon**
MACİT E., Nacar S., Altay .
International Conference on Education in Mathematics, Science Technology (ICEMST), Antalya, Turkey, 28 April - 01 May 2017, pp.70

X. **Unconditionally Cauchy Series and Zewier Matrix Method**
KAMA R., ALTAY B.
International Conference on Analysis and Its Applications (ICAA-2016), 12 - 15 July 2016

XI. **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

XII. **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

XIII. **Riesz semiconservative FK space**

TEMİZER M., FURKAN H., ALTAY B.
International conference on mathematics and mathematics education(icmme-2016), 12 - 14 May 2016

XIV. **On some sectional subspaces of FK spaces**
TEMİZER M., ALTAY B.
International Conference on Advancement in Mathematical Sciences, Antalya, Turkey, 5 - 07 November 2015

XV. **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 uygulamamları görüntüleme ve animasyonlar, 2014 - Continues

Metrics

Publication: 51
Citation (WoS): 218
Citation (Scopus): 128
H-Index (WoS): 8
H-Index (Scopus): 6