

Prof. MUSTAFA YILDIRIM

Personal Information

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International Researcher IDs

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Yoksis Researcher ID: 59829

Education Information

Doctorate, Ankara University, Fen Fakültesi, Matematik Bölümü, Turkey 1990 - 1994

Postgraduate, Sivas Cumhuriyet University, Fen Fakültesi, Matematik Bölümü, Turkey 1988 - 1990

Undergraduate, Ankara University, Fen Fakültesi, Matematik Bölümü, Turkey 1982 - 1987

Foreign Languages

English, B2 Upper Intermediate

Academic Titles / Tasks

Professor, Sivas Cumhuriyet University, Fen Fakültesi, Matematik Bölümü, 2019 - Continues

Associate Professor, Sivas Cumhuriyet University, Fen Fakültesi, Matematik Bölümü, 2013 - 2019

Assistant Professor, Sivas Cumhuriyet University, Fen Fakültesi, Matematik Bölümü, 1994 - 2013

Research Assistant, Ankara University, Fen Bilimleri Enstitüsü, Matematik (Dr), 1990 - 1994

Research Assistant, Sivas Cumhuriyet University, Fen Fakültesi, Matematik Bölümü, 1988 - 1990

Academic and Administrative Experience

Sivas Cumhuriyet Üniversitesi, Fen Fakültesi, Matematik Bölümü, 1994 - Continues

Sivas Cumhuriyet Üniversitesi, Fen Fakültesi, Matematik Bölümü, 1996 - 1998

Courses

Fonksiyonel Analiz - I, Undergraduate, 2019 - 2020

Fonksiyonel Analiz - I, Undergraduate, 2019 - 2020

Bitirme Ödevi/Tezi, Undergraduate, 2019 - 2020

Uzmanlık Alan Dersi, Postgraduate, 2019 - 2020

Uzmanlık Alan Dersi, Doctorate, 2019 - 2020

Fonksiyonel Analiz - II, Undergraduate, 2018 - 2019

Fonksiyonel Analiz - II, Undergraduate, 2018 - 2019

Genel Matematik - II, Undergraduate, 2018 - 2019

Seminer Dersi, Postgraduate, 2019 - 2020

İstatistiksel Yakınsaklık I, Postgraduate, 2018 - 2019
Dizi Uzayları ve Toplanabilme Teorisi, Postgraduate, 2019 - 2020
Mühendislik Matematiği, Undergraduate, 2018 - 2019
Analiz - III, Undergraduate, 2019 - 2020
İraksal Seriler, Doctorate, 2018 - 2019
İstatistiksel Yakınlık II, Postgraduate, 2019 - 2020
İleri Fonksiyonel Analiz-I, Postgraduate, 2019 - 2020
Analiz - II, Undergraduate, 2017 - 2018
Genel Matematik - I, Undergraduate, 2017 - 2018
Analiz - III, Undergraduate, 2018 - 2019
Analizin Seçmeli Konuları, Undergraduate, 2018 - 2019
Analizin Seçmeli Konuları, Undergraduate, 2018 - 2019
Analiz - II, Undergraduate, 2017 - 2018
Dizi Uzayları ve Toplanabilme Teorisi-II, Postgraduate, 2016 - 2017
Analiz - I, Undergraduate, 2017 - 2018
Seminer Dersi, Doctorate, 2016 - 2017
Bergman Uzayları, Doctorate, 2016 - 2017
Analiz - IV, Undergraduate, 2016 - 2017
Yüksek Matematik, Undergraduate, 2016 - 2017
Genel Matematik - II, Undergraduate, 2016 - 2017
Analiz - IV, Undergraduate, 2016 - 2017
Genel Matematik - II, Undergraduate, 2016 - 2017
Genel Matematik - I, Undergraduate, 2016 - 2017
Genel Matematik - II, Undergraduate, 2015 - 2016
Genel Matematik - I, Undergraduate, 2016 - 2017
H-P Uzaylarına Giriş, Doctorate, 2016 - 2017
Kompleks Değişkenli Fonks. - II, Undergraduate, 2014 - 2015
İleri Fonksiyonel Analiz-II, Postgraduate, 2014 - 2015
Kompleks Değişkenli Fonks. - II, Undergraduate, 2014 - 2015
Dizi Uzayları ve Toplanabilme Teorisi I, Postgraduate, 2015 - 2016
Genel Matematik - I, Undergraduate, 2015 - 2016
Kompleks Değişkenli Fonks. - I, Undergraduate, 2014 - 2015
Türk Dili - II, Associate Degree, 2013 - 2014
Türkçe - II:Sözlü Anlatım, Undergraduate, 2013 - 2014
Türk Dili - II, Undergraduate, 2013 - 2014
Kompleks Değişkenli Fonks. - I, Undergraduate, 2014 - 2015
Türk Dili - I, Associate Degree, 2013 - 2014
Türk Dili - I, Associate Degree, 2013 - 2014
Analiz - I, Undergraduate, 2013 - 2014
Bitirme Ödevi/Tezi, Undergraduate, 2012 - 2013
Diferansiyel Denklemler, Undergraduate, 2011 - 2012
Diferansiyel Denk., Undergraduate, 2011 - 2012
Diferansiyel Denklemler, Undergraduate, 2011 - 2012
Yöneylemler ve Dizeler, Undergraduate, 2009 - 2010
Fonksiyonel Analiz II, Undergraduate, 2009 - 2010
Yöneylemler ve Dizeler, Undergraduate, 2009 - 2010
Analiz IV, Undergraduate, 2009 - 2010
Fonksiyonel Analiz I, Undergraduate, 2009 - 2010
Fonksiyonel Analiz II, Undergraduate, 2009 - 2010
Yüksek Matematik, Undergraduate, 2010 - 2011
Mühendislik Matematiği, Undergraduate, 2010 - 2011

Fonksiyonel Analiz I, Undergraduate, 2009 - 2010
Analiz IV, Undergraduate, 2009 - 2010
Temel Matematik I, Undergraduate, 2009 - 2010
Analiz-II, Undergraduate, 2009 - 2010
Analiz III, Undergraduate, 2009 - 2010
Analiz III, Undergraduate, 2009 - 2010
Analiz-I, Undergraduate, 2008 - 2009
Analiz II, Undergraduate, 2006 - 2007
Analiz II, Undergraduate, 2006 - 2007
Analiz I, Undergraduate, 2006 - 2007
Analiz I, Undergraduate, 2006 - 2007
Diferansiyel Denklemler Ve Lineer Cebir, Undergraduate, 2005 - 2006
Diferansiyel Denklemler, Undergraduate, 2005 - 2006
Genel Matematik - II, Undergraduate, 2003 - 2004
Genel Matematik - I, Undergraduate, 2003 - 2004

Advising Theses

YILDIRIM M., Genelleştirilmiş Rhaly Cesaro matrisinin c_0 ve c üzerindeki spektrumu, fine spektrumu ve ayırık olmayan spektrumu, Postgraduate, Ç.DOĞAN(Student), 2018
YILDIRIM M., Kaba istatistiksel yakınsaklık ve kaba ideal yakınsaklık, Postgraduate, S.ÖZBEK(Student), 2016
YILDIRIM M., Çarpım matrislerinin L_p üzerindeki spektrumu, Postgraduate, F.KAYALI(Student), 2015
YILDIRIM M., Fonksiyonel analizde kaba yakınsaklık, Postgraduate, K.KAYNAK(Student), 2015
YILDIRIM M., Çift indisli dizilerin istatistiksel yakınsaklığı ve uygulamaları, Postgraduate, F.DİNÇER(Student), 2014
YILDIRIM M., İdealler yardımı ile genelleştirilmiş istatistiksel yakınsaklık ve uygulamaları, Doctorate, C.BELEN(Student), 2012
YILDIRIM M., Genelleştirilmiş Rhaly matrislerinin cebirsel ve spektral özellikleri, Doctorate, N.DURNA(Student), 2011
YILDIRIM M., Hausdorff matrislerinin özellikleri, spektrumu ve M tipliliği, Postgraduate, İ.KARAHAN(Student), 2011
YILDIRIM M., İstatistiksel yakınsaklık, fuzzy istatistiksel yakınsaklık ve Core teoremleri üzerine, Postgraduate, C.BELEN(Student), 2007
YILDIRIM M., Hausdorff operatörünün spektrumu üzerine, Postgraduate, N.DURNA(Student), 2005
YILDIRIM M., Fourier serilerinin ve orthogonal serilerin toplanabilirliği üzerine, Postgraduate, F.KARAKUŞ(Student), 2004
YILDIRIM M., İstatistiksel yakınsaklık, Postgraduate, K.GÖKÇEN(Student), 2002
YILDIRIM M., Fourier serilerinin toplanabilirliği üzerine, Postgraduate, B.KESKİN(Student), 2000

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Prevalence of the Risk of Exercise Addiction Based on a New Classification: A Cross-Sectional Study in 15 Countries**
Chhabra B., Granzio U., Griffiths M. D., Zandonai T., Landolfi E., Solmi M., Zou L., Yang P., Lichtenstein M. B., Stoll O., et al.
International Journal of Mental Health and Addiction, 2024 (SCI-Expanded)
- II. **On Statistical and Strong Convergence with Respect to a Modulus Function and a Power Series Method**
Belen C., YILDIRIM M., Sumbul C.
FILOMAT, vol.34, no.12, pp.3981-3993, 2020 (SCI-Expanded)
- III. **THE SPECTRUM AND FINE SPECTRUM OF GENERALIZED RHALY-CESARO MATRICES ON $c(0)$ AND c**
YILDIRIM M., Mursaleen M., Dogan C.

OPERATORS AND MATRICES, vol.12, no.4, pp.955-975, 2018 (SCI-Expanded)

- IV. **The spectrum and some subdivisions of the spectrum of discrete generalized Cesaro operators on $l(p)$ ($1 < p < \infty$)**
Yildirim M., Durna N.
JOURNAL OF INEQUALITIES AND APPLICATIONS, 2017 (SCI-Expanded)
- V. **GENERALIZED TERRACED MATRICES**
DURNA N., YILDIRIM M.
MISKOLC MATHEMATICAL NOTES, vol.17, no.1, pp.201-208, 2016 (SCI-Expanded)
- VI. **Generalized statistical convergence and some sequence spaces in 2-normed spaces**
BELEN C., YILDIRIM M.
HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, vol.44, no.3, pp.513-519, 2015 (SCI-Expanded)
- VII. **GENERALIZED A-STATISTICAL CONVERGENCE AND A KOROVKIN TYPE APPROXIMATION THEOREM FOR DOUBLE SEQUENCES**
BELEN C., YILDIRIM M.
MISKOLC MATHEMATICAL NOTES, vol.14, no.1, pp.31-39, 2013 (SCI-Expanded)
- VIII. **STATISTICAL A-SUMMABILITY OF DOUBLE SEQUENCES AND A KOROVKIN TYPE APPROXIMATION THEOREM**
BELEN C., Mursaleen M., YILDIRIM M.
BULLETIN OF THE KOREAN MATHEMATICAL SOCIETY, vol.49, no.4, pp.851-861, 2012 (SCI-Expanded)
- IX. **Spectra and fine spectra for factorable matrices**
Rhoades B., Yildirim A.
INTEGRAL EQUATIONS AND OPERATOR THEORY, vol.53, no.1, pp.127-144, 2005 (SCI-Expanded)
- X. **On the spectrum and fine spectrum of the compact Rhaly operators**
Yildirim M.
INDIAN JOURNAL OF PURE & APPLIED MATHEMATICS, vol.34, no.10, pp.1443-1452, 2003 (SCI-Expanded)
- XI. **On the spectrum of the Rhaly operators on $l(p)$**
Yildirim M.
INDIAN JOURNAL OF PURE & APPLIED MATHEMATICS, vol.32, no.2, pp.191-198, 2001 (SCI-Expanded)
- XII. **On the spectrum of the Rhaly operators on $c(0)$ and c**
Yildirim M.
INDIAN JOURNAL OF PURE & APPLIED MATHEMATICS, vol.29, no.12, pp.1301-1309, 1998 (SCI-Expanded)
- XIII. **On the spectrum and fine spectrum of the compact Rhaly operators**
Yildirim M.
INDIAN JOURNAL OF PURE & APPLIED MATHEMATICS, vol.27, no.8, pp.779-784, 1996 (SCI-Expanded)

Articles Published in Other Journals

- I. **On Deferred Statistical and Strong Deferred Cesàro Convergences of Sequences With Respect to A Modulus Function**
BELEN C., YILDIRIM M.
CUMHURİYET SCIENCE JOURNAL, vol.44, no.4, pp.753-757, 2023 (Peer-Reviewed Journal)
- II. **On statistical limit points with respect to power series methods and modulus functions**
SÜMBÜL C., Belen C., YILDIRIM M.
Communications Faculty of Sciences University of Ankara Series A1: Mathematics and Statistics, vol.72, no.2, pp.438-448, 2023 (Peer-Reviewed Journal)
- III. **Properties of J_p -Statistical Convergence**
SÜMBÜL C., BELEN C., YILDIRIM M.
CUMHURİYET SCIENCE JOURNAL, vol.2, no.43, pp.294-298, 2022 (Peer-Reviewed Journal)
- IV. **On the fine spectra of the Jacobi matrices on c_{0,c,l_p} ($1 \leq p \leq \infty$) and $[[bv]]_p$ ($1 \leq p < \infty$)**
DURNA N., YILDIRIM M., KILIÇ A.

Cumhuriyet Science Journal, vol.42, no.3, pp.677-687, 2021 (Peer-Reviewed Journal)

- V. **ON THE SPECTRUM AND HILBERT SCHIMIDT PROPERTIES OF GENERALIZED RHALY MATRICES**
Mursaleen M., YILDIRIM M., DURNA N.
COMMUNICATIONS FACULTY OF SCIENCES UNIVERSITY OF ANKARA-SERIES A1 MATHEMATICS AND STATISTICS,
vol.68, no.1, pp.712-723, 2019 (ESCI)
- VI. **Partition of the spectra for the generalized difference operator $B(r,s)$ on the sequence space cs**
DURNA N., YILDIRIM M., Kılıç R.
Cumhuriyet Science Journal, vol.39, no.1, pp.7-15, 2018 (Peer-Reviewed Journal)
- VII. **On the fine spectrum of generalized lower triangular double band matrices D_{uv} over the sequence space c_0**
DURNA N., YILDIRIM M., Ünal Ç.
Cumhuriyet University Faculty of Science Science Journal, vol.37, no.3, pp.281-291, 2016 (Peer-Reviewed Journal)
- VIII. **On Some New Sequence Spaces and Statistical Convergence Methods for Double Sequences**
BELEN C., YILDIRIM M.
DEMONSTRATIO MATHEMATICA, vol.47, no.3, pp.627-637, 2014 (Scopus)
- IX. **Topological results about the set of generalized Rhaly matrices**
DURNA N., YILDIRIM M.
General Mathematical Notes, vol.17, no.1, pp.1-7, 2013 (Peer-Reviewed Journal)
- X. **Subdivision of the spectra for difference operator over certain sequence spaces**
BAŞAR F., DURNA N., YILDIRIM M.
MALAYSIAN JOURNAL OF MATHEMATICAL SCIENCES, vol.6, pp.151-165, 2012 (Scopus)
- XI. **On generalized statistical convergence of double sequences via ideals**
BELEN C., YILDIRIM M.
Annali dell'Universita di Ferrara, vol.58, no.1, pp.11-20, 2012 (Scopus)
- XII. **Subdivision of the spectra for factorable matrices on c_0**
DURNA N., YILDIRIM M.
Gazi University Journal of Science, vol.24, no.1, pp.45-49, 2011 (Scopus)
- XIII. **On $N_{pq}C_1$ Summability of The Sequence $nB_n x$**
KARAKUŞ F., YILDIRIM M.
E-Journal of New World Sciences Academy, vol.4, no.4, pp.117-123, 2009 (Peer-Reviewed Journal)
- XIV. **The Almost C_{1E1} Summability of A Fourier Series and Its Conjugate Series**
YILDIRIM M., KARAKUŞ F.
Bull. Cal. Math. Soc., vol.98, no.4, pp.285-294, 2006 (Peer-Reviewed Journal)
- XV. **The Almost $(C,1)(E,1)$ Summability of a Fourier Series and its Conjugate Series**
YILDIRIM M., KARAKUŞ F.
Bull. Cal. Math. Soc., vol.98, no.4, pp.285-294, 2006 (Peer-Reviewed Journal)
- XVI. **On the Fine Spectrum of the Rhaly Operators on lp**
YILDIRIM M.
East Asian mathematical journal, vol.20, pp.149-156, 2004 (Peer-Reviewed Journal)
- XVII. **On The Degree of Approximation to a Function Belonging to The Weighted L_{pqE1} Means**
YILDIRIM M., KARAKUŞ F.
East Asian Math. J., vol.20, no.1, pp.11-19, 2004 (Peer-Reviewed Journal)
- XVIII. **On the Degree of Approximation to a Function Belonging to the Weighted L_{xipqE1} Means**
YILDIRIM M., KARAKUŞ F.
East Asian mathematical journal, vol.20, pp.1-9, 2004 (Peer-Reviewed Journal)
- XIX. **On the Spectrum of the Rhaly Operators on bv_0**
YILDIRIM M.
Communications of the Korean Mathematical Society, vol.18, pp.669-676, 2003 (ESCI)
- XX. **On the Spectrum of the Rhaly Operators on bv**

YILDIRIM M.

East Asian mathematical journal, vol.18, pp.21-41, 2002 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Subdivision of the spectra of the generalized difference operator $B(r,s)$ on the sequence space cs**
DURNA N., YILDIRIM M.
International Conference on Mathematics and Mathematics Educations (ICMME-2018), 27 - 29 July 2018
- II. **The Disjoint Spectrum of the Weighted mean, Cesaro and Rhaly operators Various Sequence Spaces**
YILDIRIM M., DURNA N.
International Conference on Mathematics and Mathematics Educations (ICMME-2018), 27 - 29 July 2018
- III. **International Conference on Mathematics and Mathematics Educations (ICMME-2018)**
DURNA N., YILDIRIM M.
On the fine spectra of the Jacobi matrix over certain sequence spaces, 27 - 29 July 2018
- IV. **The Lower and Upper Bounds of discrete generalized Cesaro operators and its fine Spectrum on $lp(1p\infty)$**
YILDIRIM M., DURNA N., Karadaş Ö.
International Conference on Mathematics and Mathematics Educations (ICMME-2018), 27 - 29 July 2018
- V. **On the fine spectra of the Jacobi matrix over certain sequence spaces**
DURNA N., YILDIRIM M.
International Conference on Mathematics and Mathematics Educations (ICMME-2018), 27 - 29 June 2018
- VI. **THE SPECTRUM OF DISCRETE GENERALIZED CESARO OPERATORS ON $(1P\infty)$.**
YILDIRIM M., DURNA N.
3. international conference on computational mathematics and engineering sciences-cmes 2018, 4 - 06 May 2018
- VII. **The lower bounds of some summability methods**
YILDIRIM M., DURNA N., Karadaş Ö.
The Third International Conference on Computational Mathematics and Engineering Sciences, 4 - 06 May 2018
- VIII. **The spectra for Cesaro type on c, c_0 and $l_r(1pinfty)$**
YILDIRIM M.
2 nd international Science Semposium Science festival, 5 - 08 September 2017
- IX. **On spectral separation of infinite matrices over some sequence spaces**
YILDIRIM M., DURNA N.
International Conference on Mathematics and Mathematics Education 2017, 11 - 13 May 2017
- X. **Subdivisions of the spectra for compact Cesaro type operator on $\ell\{r\}(1r\infty)$.**
YILDIRIM M., DURNA N.
International Conference on Mathematics and Mathematics Education 2017, 11 - 13 May 2017
- XI. **On the fine spectrum of generalized Cesaro operators**
YILDIRIM M., Doğan Ç.
International conference on mathematics and mathematics education, 12 - 14 May 2016
- XII. **On the spectrum of Generalized Cesaro operators**
Doğan Ç., YILDIRIM M.
International conference on mathematics and mathematics education, 12 - 14 May 2016
- XIII. **Jacobi Matrislerinin Sınırlılığı ve Spektral Ayrışımı**
DURNA N., Kılıç A., YILDIRIM M.
10. Ankara Matematik Günleri, Turkey, 11 - 12 June 2015
- XIV. **Subdivisions of the spectra for generalized difference operator Δv on the sequence space ℓ_1**
Başar F., DURNA N., YILDIRIM M.
International Conference on Mathematical Science, ICMS, Bolu, Turkey, 23 - 27 November 2010, vol.1309, pp.254-260
- XV. **Subdivisions of the spectra for Generalized difference operator Δ_n on the sequence space l_1**

YILDIRIM M., DURNA N., BAŞAR F.

AIP Conference Proceedings, 23 - 27 November 2010, vol.1309, pp.254-260

XVI. **SUBDIVISIONS OF THE SPECTRA FOR GENERALIZED DIFFERENCE OPERATOR C-nu ON THE SEQUENCE SPACE I(1)**

Basar F., DURNA N., YILDIRIM M.

International Conference on Mathematical Sciences, Bolu, Turkey, 23 - 27 November 2010, vol.1309, pp.254-256

Supported Projects

Durna N., Yıldırım M., Project Supported by Higher Education Institutions, Genelleştirilmiş Rhaly Matrislerinin Cebirsel ve Spektral Özellikleri, 2009 - 2011

Metrics

Publication: 59

Citation (WoS): 160

Citation (Scopus): 172

H-Index (WoS): 7

H-Index (Scopus): 9