

Prof. SELMA GÜLYAZ ÖZYURT

Personal Information

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International Researcher IDs

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Education Information

Doctorate, Sivas Cumhuriyet University, Fen Fakültesi, Matematik Bölümü, Turkey 1997 - 2003

Postgraduate, Sivas Cumhuriyet University, Fen Fakültesi, Matematik Bölümü, Turkey 1994 - 1996

Undergraduate, Sivas Cumhuriyet University, Fen Fakültesi, Matematik Bölümü, Turkey 1989 - 1993

Dissertations

Doctorate, II. mertebeden regüler singüleriteye sahip diferensiyel operatörler için ters (inverse) problemler, Sivas Cumhuriyet Üniversitesi, Fen Fakültesi, Matematik Bölümü, 2003

Postgraduate, İnvölüsyonlu halkalarda türevler, Sivas Cumhuriyet Üniversitesi, Fen Fakültesi, Matematik Bölümü, 1996

Research Areas

Mathematics, Natural Sciences

Academic Titles / Tasks

Professor, Sivas Cumhuriyet University, Fen Fakültesi, Matematik Bölümü, 2021 - Continues

Associate Professor, Sivas Cumhuriyet University, Fen Fakültesi, Matematik Bölümü, 2016 - 2021

Lecturer, Sivas Cumhuriyet University, Cumhuriyet Sosyal Bilimler Meslek Yüksekokulu, Cumhuriyet Myo, 2005 - 2005

Assistant Professor, Ondokuz Mayıs University, Faculty Of Education, Department Of Mathematics And Science Teaching, 2004 - 2005

Lecturer, Sivas Cumhuriyet University, Fen Fakültesi, Matematik Bölümü, 2003 - 2004

Research Assistant, Sivas Cumhuriyet University, Fen Fakültesi, Matematik Bölümü, 1994 - 2003

Academic and Administrative Experience

Sivas Cumhuriyet Üniversitesi, Fen Fakültesi, Matematik Bölümü, 2010 - Continues

Head of Department, Sivas Cumhuriyet University, Fen Fakültesi, Matematik Bölümü, 2016 - 2019

Sivas Cumhuriyet Üniversitesi, Fen Fakültesi, Matematik Bölümü, 2007 - 2018

Sivas Cumhuriyet Üniversitesi, Fen Fakültesi, Matematik Bölümü, 2013 - 2016

Courses

Özel Fonks. Ve Dönüşümler - II, Undergraduate, 2018 - 2019
Özel Fonks. Ve Dönüşümler - I, Undergraduate, 2019 - 2020
Diferansiyel Denklemler, Undergraduate, 2018 - 2019
Diferansiyel Denklemler - I, Undergraduate, 2019 - 2020
Strum-Liouville Operatörler İçin Ters Problemler, Postgraduate, 2018 - 2019
Özel Fonks. Ve Dönüşümler - II, Undergraduate, 2018 - 2019
Öğretmenlik Uygulaması, Undergraduate, 2019 - 2020
Sturm Liouville Operatörler İçin Düz Problem, Postgraduate, 2018 - 2019
Analiz III, Undergraduate, 2019 - 2020
Diferansiyel Denklemler I, Undergraduate, 2018 - 2019
Vektörel Analiz, Undergraduate, 2017 - 2018
Uzmanlık Alan Dersi, Postgraduate, 2018 - 2019
Bilgisayar Destekli Lineer Cebir, Undergraduate, 2017 - 2018
Vektörel Analiz, Undergraduate, 2017 - 2018
Diferansiyel Denklemler, Undergraduate, 2017 - 2018
Diferansiyel Denklemler I, Undergraduate, 2018 - 2019
Genel Matematik - II, Undergraduate, 2017 - 2018
Bitirme Ödevi/Tezi, Undergraduate, 2018 - 2019
Özel Fonks. Ve Dönüşümler - I, Undergraduate, 2018 - 2019
Diferansiyel Denklemler, Undergraduate, 2017 - 2018
Yüksek Matematik, Undergraduate, 2018 - 2019
Diferansiyel Denklemler II, Undergraduate, 2016 - 2017
Kısmi Diferansiyel Denklemler - I, Undergraduate, 2016 - 2017
Diferansiyel Denklemler, Undergraduate, 2016 - 2017
Kısmi Diferansiyel Denklemler - II, Undergraduate, 2016 - 2017
Kısmi Diferansiyel Denklemler - II, Undergraduate, 2016 - 2017
Kısmi Diferansiyel Denklemler - I, Undergraduate, 2016 - 2017
Diferansiyel Denklemler II, Undergraduate, 2015 - 2016
Bilgisayar Destekli Lineer Cebir, Undergraduate, 2015 - 2016
Kompleks Değişkenli Fonks. - II, Undergraduate, 2016 - 2017
Seminer Dersi, Doctorate, 2015 - 2016
Kompleks Değişkenli Fonks. - II, Undergraduate, 2016 - 2017
Analiz III, Undergraduate, 2016 - 2017
Diferansiyel Denklemler - II, Undergraduate, 2014 - 2015
Seminer Dersi, Postgraduate, 2015 - 2016
Sabit Nokta Teorisi ve Uyg., Doctorate, 2014 - 2015
Kompleks Değişkenli Fonks. - I, Undergraduate, 2015 - 2016
Bitirme Ödevi/Tezi, Undergraduate, 2015 - 2016
Diferansiyel Denklemler - II, Undergraduate, 2015 - 2016
Diferansiyel Denklemler, Undergraduate, 2015 - 2016
Kompleks Değişkenli Fonks. - I, Undergraduate, 2015 - 2016
Diferansiyel Denklemler - I, Undergraduate, 2014 - 2015
Lineer Cebir II, Undergraduate, 2012 - 2013
Lineer Cebir II, Undergraduate, 2012 - 2013
Lineer Cebir II, Undergraduate, 2012 - 2013
Analiz IV, Undergraduate, 2011 - 2012

Analiz IV, Undergraduate, 2011 - 2012
Lineer Cebir I, Undergraduate, 2012 - 2013
Lineer Cebir I, Undergraduate, 2012 - 2013
Lineer Cebir I, Undergraduate, 2012 - 2013
Lineer Cebir I, Undergraduate, 2012 - 2013
Analiz III, Undergraduate, 2011 - 2012
Analiz III, Undergraduate, 2011 - 2012
Lineer Cebir II, Undergraduate, 2011 - 2012
Kısmi Türevli Dif. Denk., Undergraduate, 2011 - 2012
Genel Matematik - II, Undergraduate, 2009 - 2010
Mühendislik Matematiği, Undergraduate, 2009 - 2010
Genel Matematik - I, Undergraduate, 2008 - 2009
Diferansiyel Denklemler, Undergraduate, 2008 - 2009
Mühendislik Matematiği, Undergraduate, 2008 - 2009
Kısmi Diferansiyel Denklemler, Undergraduate, 2008 - 2009
Genel Matematik - I, Undergraduate, 2007 - 2008
Kısmi Diferansiyel Denklemler, Undergraduate, 2007 - 2008
Diferansiyel Denklemler, Undergraduate, 2007 - 2008
Diferansiyel Denklemler II, Undergraduate, 2006 - 2007
Diferansiyel Denklemler II, Undergraduate, 2006 - 2007
Diferansiyel Denk., Undergraduate, 2006 - 2007
Matematik, Associate Degree, 2005 - 2006
Matematik, Associate Degree, 2005 - 2006
Diferansiyel Denklemler I, Undergraduate, 2006 - 2007
Matematik, Associate Degree, 2005 - 2006
Kısmi Türevli Dif. Denk., Undergraduate, 2006 - 2007
Matematik, Associate Degree, 2005 - 2006
Diferansiyel Denklemler I, Undergraduate, 2006 - 2007
Diferansiyel Denk., Undergraduate, 2004 - 2005
Analiz-II, Undergraduate, 2004 - 2005
Diferansiyel Denklemler, Undergraduate, 2003 - 2004
Temel Matematik, Undergraduate, 2003 - 2004

Advising Theses

GÜLYAZ ÖZYURT S., Süreksizlik koşullarına sahip Sturm-Liouville operatörleri için spektral problemler, Postgraduate, S.KAPLAN(Student), 2009

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **EXISTENCE OF PERIODIC SOLUTIONS FOR NONLINEAR IMPLICIT DIFFERENTIAL EQUATIONS OF FRACTIONAL ORDER IN THE SENSE OF CAPUTO'S EXPONENTIAL FRACTIONAL DERIVATIVE**
Chohri M., Bouriah S., Benchohra M., GÜLYAZ ÖZYURT S.
Journal of Nonlinear and Convex Analysis, vol.25, no.7, pp.1583-1597, 2024 (SCI-Expanded)
- II. **On extremal solutions of weighted fractional hybrid differential equations**
Benyoub M., GÜLYAZ ÖZYURT S.
Filomat, vol.38, no.6, pp.2091-2107, 2024 (SCI-Expanded)
- III. **Terminal value problem for neutral fractional functional differential equations with Hilfer-Katugampola fractional derivative**

Bouriah S., Benchohra M., Özyurt S.

Filomat, vol.37, no.21, pp.7131-7147, 2023 (SCI-Expanded)

- IV. **BEST PROXIMITY POINT RESULTS FOR Gamma CLASS OF MAPPINGS**
Sakthi R., GÜLYAZ ÖZYURT S., Karpagam S.
JOURNAL OF NONLINEAR AND CONVEX ANALYSIS, vol.23, no.7, pp.1399-1407, 2022 (SCI-Expanded)
- V. **Estimates of Classes of Generalized Special Functions and Their Application in the Fractional (k, s)-Calculus Theory**
Chandak S., Suthar D. L., AL-Omari S., Gulyaz-Ozyurt S.
JOURNAL OF FUNCTION SPACES, vol.2021, 2021 (SCI-Expanded)
- VI. **Fixed Points of Proinov E-Contractions**
Alghamdi M. A., GÜLYAZ ÖZYURT S., Fulga A.
SYMMETRY-BASEL, vol.13, no.6, 2021 (SCI-Expanded)
- VII. **An Attractive Approach Associated with Transform Functions for Solving Certain Fractional Swift-Hohenberg Equation**
Alaroud M., Tahat N., Al-Omari S., Suthar D., GÜLYAZ ÖZYURT S.
Journal of Function Spaces, vol.2021, 2021 (SCI-Expanded)
- VIII. **A Note on Extended Z-Contraction**
Alghamdi M. A., GÜLYAZ ÖZYURT S., Karapinar E.
MATHEMATICS, vol.8, no.2, 2020 (SCI-Expanded)
- IX. **Iterative Contraction at a Point via Wardowski Function**
Fulga A., Gulyaz-Ozyurt S., Ozturk A.
FILOMAT, vol.34, no.11, pp.3801-3813, 2020 (SCI-Expanded)
- X. **Generalized alpha -Meir-Keeler Contraction Mappings on Branciari b-metric Spaces**
GÜLYAZ S., KARAPINAR E., ERHAN İ.
FILOMAT, vol.31, no.17, pp.5445-5456, 2017 (SCI-Expanded)
- XI. **An Ulam stability result on quasi-b-metric-like spaces**
Alsulami H. H., GÜLYAZ S., KARAPINAR E., ERHAN İ.
OPEN MATHEMATICS, vol.14, pp.1087-1103, 2016 (SCI-Expanded)
- XII. **FIXED POINTS OF alpha - psi CONTRACTION MAPPINGS ON QUASI-b-METRIC-LIKE SPACES**
GÜLYAZ S.
JOURNAL OF NONLINEAR AND CONVEX ANALYSIS, vol.17, no.7, pp.1439-1447, 2016 (SCI-Expanded)
- XIII. **Fixed points of alpha-admissible Meir-Keeler contraction mappings on quasi-metric spaces**
Alsulami H. H., GÜLYAZ S., ERHAN İ.
JOURNAL OF INEQUALITIES AND APPLICATIONS, 2015 (SCI-Expanded)
- XIV. **Existence of solutions of integral equations via fixed point theorems**
GÜLYAZ S., ERHAN İ.
JOURNAL OF INEQUALITIES AND APPLICATIONS, 2014 (SCI-Expanded)
- XV. **Fixed Point Theorems for a Class of alpha-Admissible Contractions and Applications to Boundary Value Problem**
Alsulami H. H., GÜLYAZ S., Karapinar E., ERHAN İ.
ABSTRACT AND APPLIED ANALYSIS, 2014 (SCI-Expanded)
- XVI. **Existence of a solution of integral equations via fixed point theorem**
GÜLYAZ S., KARAPINAR E., Rakocevic V., Salimi P.
JOURNAL OF INEQUALITIES AND APPLICATIONS, 2013 (SCI-Expanded)
- XVII. **A COUPLED FIXED POINT RESULT IN PARTIALLY ORDERED PARTIAL METRIC SPACES THROUGH IMPLICIT FUNCTION**
GÜLYAZ S., KARAPINAR E.
HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, vol.42, no.4, pp.347-357, 2013 (SCI-Expanded)
- XVIII. **A coupled coincidence point theorem in partially ordered metric spaces with an implicit relation**
GÜLYAZ S., KARAPINAR E., Yuce I. S.
FIXED POINT THEORY AND APPLICATIONS, 2013 (SCI-Expanded)

- XIX. **Boundary value problem for second-order differential equations with coulomb singularity on a finite interval**
Amirov R., Cakmak Y., Gulyaz S.
INDIAN JOURNAL OF PURE & APPLIED MATHEMATICS, vol.37, no.3, pp.125-140, 2006 (SCI-Expanded)

Articles Published in Other Journals

- I. **Inverse Scattering Problem for the Sturm-Liouville Equation with Infinite Range of Discontinuous Conditions**
AMİROV R., GÜLYAZ ÖZYURT S.
Turkish Journal of Mathematics and Computer Science, vol.14, no.2, pp.292-305, 2022 (Peer-Reviewed Journal)
- II. **Spectral Properties of the Sturm-Liouville Operator Produced by the Unseparated Boundary Conditions with Spectral Parameter**
AMİROV R., GÜLYAZ ÖZYURT S.
Turkish Journal of Mathematics and Computer Science, vol.13, no.2, pp.373-378, 2021 (Peer-Reviewed Journal)
- III. **A note on Kannan type mappings with aF-contractive iterate**
Gülyaz Özyurt S.
Results in Nonlinear Analysis, vol.2, no.3, pp.143-146, 2019 (Scopus)
- IV. **A Fixed point theorem for extended large contraction mappings**
GÜLYAZ ÖZYURT S.
Results in Nonlinear Analysis, vol.1, no.1, pp.46-48, 2018 (Scopus)
- V. **On some α -admissible contraction mappings on Branciari b-metric spaces**
GÜLYAZ ÖZYURT S.
Advnces in the Theory of Nonlinear Analysis and its Application, vol.1, no.1, pp.1-13, 2017 (Scopus)
- VI. **On Singular Sturm Liouville Problem with Impulse**
AMİROV R., GÜLYAZ ÖZYURT S.
Advances in Analysis, vol.1, no.2, pp.121-135, 2016 (Peer-Reviewed Journal)
- VII. **On Integral Representation for Solution of Generalized Sturm-Liouville Equation with Discontinuity Conditions**
Guldu Y., Gulyaz S.
BOLETIM SOCIEDADE PARANAENSE DE MATEMATICA, vol.33, no.2, pp.95-107, 2015 (ESCI)
- VIII. **INTEGRAL REPRESENTATIONS FOR A SOLUTIONS FOR THE DIFFUSION DIFFERENTIAL EQUATION**
Gülyaz Özyurt S., Amirov R.
Proceedings of the Institute of Mathematics and Mechanics, vol.40, pp.49-77, 2014 (ESCI)
- IX. **Gelfand-Levitan-Marchenko Integral Equation for Singular Differential Operators**
Gülyaz Özyurt S., Kaplan S.
C.U. Fen Fakültesi Fen Bilimleri Dergisi, vol.32, pp.40-51, 2011 (Peer-Reviewed Journal)
- X. **About System of Dirac Differential Equation Which has Discontinuity Point in Semi Axis**
GÜLYAZ ÖZYURT S., ÇAKMAK Y., AMİROV R.
Cumhuriyet Üniversitesi Fen Fakültesi Fen Bilimleri Dergisi, vol.24, no.2, pp.18-27, 2003 (Peer-Reviewed Journal)
- XI. **Singüleriteye Sahip Sturm Liouville Operatörler için İz Trace Formülü**
GÜLYAZ ÖZYURT S., AMİROV R.
Cumhuriyet Üniversitesi Fen Fakültesi Fen Bilimleri Dergisi, vol.24, no.1, pp.21-34, 2003 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Tansör Hesaba Giriş ve Uygulamaları**
KOSER K., ASLAN Z., GÜLYAZ ÖZYURT S., DEMİR A., KIRATLI S.
Nobel Yayınevi, 2013

Refereed Congress / Symposium Publications in Proceedings

- I. **Yarı Eksende Shrödinger Operatörünün Spektral Özellikleri**
AMİROV R., GÜLYAZ ÖZYURT S.
MARDİN ARTUKLU ULUSLARARASI MULTİDİSİPLİNER ÇALIŞMALAR KONGRESİ, 19 - 21 April 2019
- II. **Yarı Eksende Singüler Shrödinger Denkleminin Çözümlerinin Davranışları**
AMİROV R., GÜLYAZ ÖZYURT S.
MARDİN ARTUKLU ULUSLARARASI MULTİDİSİPLİNER ÇALIŞMALAR KONGRESİ, 19 - 21 April 2019
- III. **Sonsuz Aralıklarla Süreksiz Koşullara Sahip Olan Sturm-Liouville Denkleminin Çözümleri İçin İntegral Gösterimleri Üzerine**
GÜLYAZ ÖZYURT S., AMİROV R.
İpek Yolu Akademik Çalışmalar Sempozyumu-2, 20 - 22 September 2018
- IV. **On Some Fixed Points Theorems on Branciari b-Metric Spaces**
ERHAN İ., GÜLYAZ ÖZYURT S.
International Workshop on Mathematical Methods in Engineering, Ankara, Turkey, 27 - 29 April 2017
- V. **Geraghty Type Contractions on Branciari b-Metric Spaces**
GÜLYAZ ÖZYURT S., ERHAN İ.
International Workshop on Mathematical Methods in Engineering, Ankara, Turkey, 27 - 29 April 2017
- VI. **Quasi Dislocated Spaces**
ERHAN İ., GÜLYAZ ÖZYURT S., KARAPINAR E.
VI Congress of Mathematicians of Macedonia, 15 - 18 June 2016
- VII. **Fixed points of admissible Meir Keeler contraction mappings on quasi metric spaces**
ALSULAMI H. H., GÜLYAZ S., ERHAN İ.
The 11 th International Conference on Fixed Point Theory and Its Applications, 20 - 24 July 2015
- VIII. **On integral representation for solution of generalized Sturm Liouville equation with discontinuity conditions**
GÜLDÜ Y., GÜLYAZ ÖZYURT S.
International Conference on Nonlinear Differential and Difference Equations-2014, Antalya-Side, Turkey, 27 - 30 May 2014
- IX. **A coupled Coincidence Point Theorem via Implicit Relation**
GÜLYAZ ÖZYURT S., KARAPINAR E., YÜCE İ. S.
Krakow, 9 th International Isaac Congress, Krakow, Poland, 5 - 09 August 2013
- X. **Singüleriteye Sahip Sturm Liouville Operatörleri için İz Trace Formülü**
AMİROV R., GÜLYAZ ÖZYURT S.
XV. Ulusal Matematik Sempozyumu, Mersin, Turkey, 4 - 07 September 2002
- XI. **Inverse Problem for the Sturm Liouville According to a Spectrum and Normalizing**
AMİROV R., GÜLYAZ ÖZYURT S.
Proceeding of the Ninth International Colloquium on Differential Equations Plovdiv, Plovdiv, Bulgaria, 18 - 23 August 1998, pp.15-22
- XII. **Inverse spectral problem for the differential equation of the second order with singularity**
Amirov R., Gulyaz S.
8th International Colloquium on Differential Equations, Plovdiv, Bulgaria, 18 - 23 August 1997, pp.17-24
- XIII. **$x = 0$ noktasında Singüleriteye Sahip Sturm Liouville Operatörleri için Ters Inverse Problem**
AMİROV R., GÜLYAZ ÖZYURT S.
Matematik Sempozyumu (Sarımsaklı' da Matematik Günleri), Balıkesir, Turkey, 5 - 08 June 1997

Activities in Scientific Journals

Mathematical Analysis and Convex Optimization, Editor, 2020 - Continues

Results in Nonlinear Analysis, Editor, 2018 - Continues

Metrics

Publication: 44

Citation (WoS): 146

Citation (Scopus): 153

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