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Personal Information

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International Researcher IDs
ScholarID: p7MvfYkAAAAJ
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Education Information

Doctorate, Istanbul University, Institute of Graduate Studies In Sciences, Matematik/Matematik, Turkey 1999 - 2005
Postgraduate, Istanbul University, Institute of Graduate Studies In Sciences, Matematik/Matematik, Turkey 1996 - 1999
Undergraduate, Istanbul University, Faculty Of Science, Matematik, Turkey 1991 - 1995

Foreign Languages

English, B2 Upper Intermediate
Bulgarian, C1 Advanced
Russian, B1 Intermediate

Dissertations

Doctorate, Diferansiyel Dahiletmelerde Bolza Problemi ve Dualitesi, Istanbul University, Institute of Graduate Studies In Sciences, Matematik/Matematik, 2005
Postgraduate, Metriklenebilme Teorisinden Sonuçlar , Istanbul University, Institute of Graduate Studies In Sciences, Matematik/Matematik, 1999

Research Areas

Mathematics, Optimization, Natural Sciences

Academic Titles / Tasks

Assistant Professor, Istanbul University, Faculty of Science, Department of Mathematics, 2018 - Continues
Assistant Professor, Istanbul University, Faculty of Science, Department of Mathematics, 2006 - 2018

Academic and Administrative Experience

Courses

OPTİMAL SÜREÇLER I, Postgraduate, 2023 - 2024

Kişisel Proje 4, Undergraduate, 2022 - 2023

Matematik, Undergraduate, 2022 - 2023

KOMPLEKS ANALİZ I, Undergraduate, 2023 - 2024, 2014 - 2015

Analiz 3, Undergraduate, 2023 - 2024, 2022 - 2023

KONVEKS PROGRAMLAMA VE OPTİMİZASYON, Doctorate, 2023 - 2024

Analiz 4, Undergraduate, 2022 - 2023

İleri Analiz, Undergraduate, 2022 - 2023

Analitik Fonksiyonlar Teorisi I, Postgraduate, 2021 - 2022, 2020 - 2021

Fonksiyonel Analiz, Undergraduate, 2021 - 2022

Kişisel Proje III, Undergraduate, 2022 - 2023

Optimal Processes I, Postgraduate, 2021 - 2022, 2019 - 2020

Karmaşık Analiz, Undergraduate, 2021 - 2022

Optimal Süreçler 1, Postgraduate, 2021 - 2022

İleri analiz, Undergraduate, 2019 - 2020

Optimal Süreçler I, Postgraduate, 2020 - 2021

Analiz IV, Undergraduate, 2019 - 2020

Analiz IV, Undergraduate, 2019 - 2020

Analiz II, Undergraduate, 2019 - 2020

İleri Analiz, Undergraduate, 2019 - 2020

Analiz III, Undergraduate, 2020 - 2021

Analiz I, Undergraduate, 2020 - 2021

Analiz II, Undergraduate, 2019 - 2020

Analiz III(II.öğr), Undergraduate, 2019 - 2020

Analiz III(A+F), Undergraduate, 2019 - 2020

Analiz I(A+M), Undergraduate, 2019 - 2020

ANALYTIC FUNCTIONS THEORY I, Postgraduate, 2018 - 2019

Analiz III(M), Undergraduate, 2019 - 2020

Analiz II(II.öğr.), Undergraduate, 2017 - 2018, 2016 - 2017

ANALİZ II, Undergraduate, 2017 - 2018, 2016 - 2017, 2014 - 2015

Analitik Fonksiyonlar Teorisi I, Postgraduate, 2017 - 2018, 2014 - 2015, 2013 - 2014

Analiz III(F), Undergraduate, 2018 - 2019

Analiz III(A), Undergraduate, 2018 - 2019

İleri Analiz, Undergraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2013 - 2014

İleri Analiz (II.Öğretim), Undergraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2013 - 2014

Analiz III(M), Undergraduate, 2018 - 2019

ANALİZ II (II.Öğr.), Undergraduate, 2016 - 2017, 2015 - 2016, 2014 - 2015

Analiz I(F+A), Undergraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016

ANALİZ I, Undergraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015

Analiz I(II.öğr.), Undergraduate, 2017 - 2018

Analiz II(örgün), Undergraduate, 2015 - 2016

Matematik II, Undergraduate, 2015 - 2016

Analiz I(M), Undergraduate, 2016 - 2017

MATEMATİK II, Undergraduate, 2014 - 2015

KOMPLEKS ANALİZ II, Undergraduate, 2014 - 2015

ANALİZ I (II.Öğr.), Undergraduate, 2015 - 2016, 2014 - 2015

Matematik I, Undergraduate, 2015 - 2016

Analiz I(II.Öğretim), Undergraduate, 2015 - 2016, 2013 - 2014
MATEMATİK I, Undergraduate, 2014 - 2015
Analiz II, Undergraduate, 2013 - 2014
Matematik II, Undergraduate, 2013 - 2014
KOMPLEKS ANALİZ I, Undergraduate, 2014 - 2015
Matematik I, Undergraduate, 2013 - 2014
Mesleki İngilizce (II.Öğretim), Undergraduate, 2013 - 2014
Analiz I(Tek), Undergraduate, 2013 - 2014
Optimal Süreçler I, Postgraduate, 2013 - 2014
Mesleki İngilizce, Undergraduate, 2013 - 2014
Analiz II, Undergraduate, 2011 - 2012
Öğretmenlik Uygulaması, Undergraduate, 2012 - 2013
Matematik I, Undergraduate, 2012 - 2013
Analiz II(II.Öğretim), Undergraduate, 2012 - 2013
Optimal Süreçler I, Postgraduate, 2012 - 2013
Analiz I, Undergraduate, 2012 - 2013
Matematik II, Undergraduate, 2011 - 2012
Analiz I(II.Öğretim), Undergraduate, 2012 - 2013
Mesleki İngilizce, Undergraduate, 2012 - 2013
Fonksiyonel Analiz(II.Öğretim), Undergraduate, 2011 - 2012
Mesleki İngilizce, Undergraduate, 2012 - 2013
Analizden Konular, Postgraduate, 2011 - 2012
Diferansiyel Denklemler I(F), Undergraduate, 2011 - 2012, 2010 - 2011
Diferansiyel Denklemler I(F-II.Öğr.), Undergraduate, 2011 - 2012, 2010 - 2011
Analiz I(F-II.Öğret.), Undergraduate, 2010 - 2011
Lineer Cebir I, Undergraduate, 2010 - 2011
Analiz I(F), Undergraduate, 2010 - 2011
Matematik I(Orm.F.), Undergraduate, 2008 - 2009
Kompleks Analiz II, Undergraduate, 2007 - 2008, 2006 - 2007
Matematik I(Orm.Fak), Undergraduate, 2008 - 2009
Matematik I(Orm.F.), Undergraduate, 2008 - 2009
Kompleks Analiz I, Undergraduate, 2008 - 2009, 2007 - 2008, 2006 - 2007
Sayısal Analiz, Undergraduate, 2007 - 2008

Advising Theses

Çiçek G., İkinci mertebeden bir tarama sürecinin optimalliği için gerekli koşullar, Postgraduate, B.AKGÜN(Student), 2022
Çiçek G., OPTIMIZATION PROBLEM WITH SECOND ORDER SEMILINEAR DIFFERANTIAL INCLUSION, Postgraduate, Ş.Keskin(Student), 2019
Çiçek G., İkinci Mertebeden Diferansiyel İçermeli Optimizasyon Problemleri, Postgraduate, G.BOZCU(Student), 2016
Çiçek G., Uludağ A. M., Lp uzaylarında Konvolüsyon ve Süreklilik, Postgraduate, N.Günçavdı(Student), 2011

Jury Memberships

Academic Staff Examination, Anabilim Dalı Araştırma Görevlisi Sınavı, İstanbul Üniversitesi, October, 2018
Post Graduate, Tez Savunma Jürisi, Marmara Üniversitesi, June, 2018
Doctorate, Tez Savunma Jürisi, İstanbul Üniversitesi, May, 2018
Post Graduate, Tez Savunma Jürisi, Marmara Üniversitesi, April, 2012

Published journal articles indexed by SCI, SSCI, and AHCI

I. **Optimization of Mayer functional in problems with discrete and differential inclusions and viability constraints**
    Cicek G., Mahmudov E.
    TURKISH JOURNAL OF MATHEMATICS, vol.45, pp.2084-2102, 2021 (SCI-Expanded)

II. **Optimization of differential inclusions of Bolza type and dualities**
    Mahmudov E. N., Cicek G.
    APPLIED AND COMPUTATIONAL MATHEMATICS, vol.6, no.1, pp.88-96, 2007 (SCI-Expanded)

Articles Published in Other Journals

I. **The Problem of Mayer for Discrete and Differential Inclusions with Initial Boundary Constraints**
    Çiçek G., Mahmudov E.
    APPLIED MATHEMATICS AND INFORMATION SCIENCES, vol.10, no.5, pp.1719-1728, 2016 (Scopus)

II. **Some representations of Conjugate and Locally Conjugate Mappings**
    Çiçek G., Mahmudov E.
    İstanbul Üniversitesi Fen Fakültesi Matematik, Fizik ve Astronomi Dergisi, vol.1, pp.93-104, 2006 (Peer-Reviewed Journal)

III. **Optimization of differential inclusions of Bolza type with state constraints and duality**
    Çiçek G., Mahmudov E.
    CUBO. A MATHEMATICAL JOURNAL, vol.7, no.2, pp.21-38, 2005 (Scopus)

Books & Book Chapters

I. **Seriler ve Rezidüler**
    Çiçek G., Uçar F., Güncan A. N., Gül E., Demir A., Yıldız İ., Kürem G., Dernek N.
    in: "A First Course in Complex Analysis with Applications" çevirisi-Kompleks Analiz ve Uygulamaları, Dernek A., Editor, Nobel Akademik Yayıncılık, Ankara, pp.271-350, 2013

Refereed Congress / Symposium Publications in Proceedings

I. **Optımızation Of The Lagrange Problem With Second Order Differentıal Inclusıons And Boundary Value Condıtıons**
    ÇİÇEK G.
    The 8.International Conference on Control and Optimization with Industrial Applications, Baku, Azerbaijan, 24 August 2022

II. **Optimization of Second Order Evolution Differential Inclusions Problem with Phase Con- straints**
    Çiçek G., Mahmudov E.
    3 rd INTERNATIONAL CONFERENCE OF MATHEMATICAL SCIENCES, İstanbul, Turkey, 4 - 08 September 2019, pp.40

III. **Optimality conditions of second order differential inclusions with viable constraint**
    ÇİÇEK G.
    International Conference on Applied Mathematics, Modeling and Life Sciences, İstanbul, Turkey, 03 October 2018, pp.51

IV. **Necessary and Sufficient Conditions for the Second Order Discrete and Differential Inclusions with Viable Constraints**
    Cicek G.

2nd International Conference of Mathematical Sciences (ICMS), İstanbul, Turkey, 31 July - 06 August 2018, vol.2086

V. **Optimization of Second Order Evolution Differential Inclusions Problem with Phase Constraints**
    Cicek G., Mahmudov E.
    3rd International Conference of Mathematical Sciences (ICMS), İstanbul, Turkey, 4 - 08 September 2019, vol.2183

VI. **Optimality conditions for second order differential inclusions with viable constraint**
    ÇİÇEK G.
    International Conference on Applied Mathematics, Modeling and Life Scence Problems, İstanbul, Turkey, 3 - 05 October 2018, pp.51

VII. **Necessary and Sufficient Conditions for the Second order Differential Inclusions with Viable Constraint**
    ÇİÇEK G.
    2nd International Conference of Mathematical Sciences, İstanbul, Turkey, 31 July - 06 August 2018, pp.70

VIII. **Optimization of Second Order Differential Inclusions For Mayer Problem with Viable Constraint**
    ÇİÇEK G.
    7th International Conference on AppliedAnalysis and Mathematical Modeling, İstanbul, Turkey, 20 - 24 June 2018, pp.287

IX. **Viability Problem for Second Order Differential Inclusions**
    ÇİÇEK G., Mahmudov E.
    2nd International Conference on Analysis and its Applications, Kırşehir, Turkey, 12 - 15 July 2016, pp.128

X. **The Problem of Mayer for Discrete and Differential Incusions with Initial Boundary Constraints**
    ÇİÇEK G., Mahmudov E. N.
    5th International Conference on Control and Optimization with Industrial Applications, Baku, Azerbaijan, 27 - 29 August 2015, pp.56-58

XI. **The Problem of Mayer for Discrete and Differential Inclusions with Initial Boundary Constraints**
    ÇİÇEK G., Mahmudov E.
    5th International Conference on Control and Optimization with Industrial Applications, Baku, Azerbaijan, 27 - 29 August 2015, pp.56-58

XII. **Optimization of second Order Discrete Approximation Inclusions**
    ÇİÇEK G., Mahmudov E.
    13th Viennese Workshop on Optimal Control and Dynamic Games, Viyana, Austria, 13 - 16 May 2015, pp.130

XIII. **Optimization of Second Order Discrete and Differential Inclusions**
    ÇİÇEK G., Elimhan M.
    13.Viennese Workshop on Optimal Control and Dynamic Games, Viyana, Austria, 13 - 16 May 2015, pp.130

XIV. **Değişmeli Zaman aralığında Bolza Tipinde Diferansiyel Dahil etmeli Optimal Kontrol**
    Çiçek G., Mahmudov E.
    19.Ulusal Matematik Sempozyumu, Kütahya, Turkey, 1 - 04 September 2006, vol.1, no.1, pp.228-239

XV. **Optimization of Differential Inclusions of Bolza Type and Duality**
    ÇİÇEK G., Mahmudov E.
    Control and Optimization with Industrial Applications-COIA, Azerbaijan, 1 - 04 May 2005, vol.1, no.1, pp.65-66

XVI. **Optimization of Differential Inclusions of Bolza type with state constraints and Duality**
    ÇİÇEK G., Mahmudov E.
    16.Ulusal Matematik Sempozyumu, Van, Turkey, 1 - 04 September 2003, pp.44

Memberships / Tasks in Scientific Organizations

Türk Matematik Derneği, Member, 1996 - Continues

Scientific Refereeing

OPTIMIZATION, SCI Journal, March 2022
AN INTERNATİONAL JOURNAL OF OPTİMİZATİON AND CONTROL: THEORİES & APPLİCATİONS (IJOCTA), Other Indexed Journal, February 2021

Metrics

Publication: 23
Citation (WoS): 1
H-Index (WoS): 1

Congress and Symposium Activities

5th International Conference on Problems of Cybernetics and Informatics(PCI2023), Attendee, Baku, Azerbaijan, 2023
The 8th International Conference on Control and Optimization with Industrial Applications, Attendee, Baku, Azerbaijan, 2022
International Conference on Applied Mathematics, modeling and Life Sciences, Attendee, Turkey, 2018
2nd International Conference of Mathematical Sciences, Attendee, İstanbul, Turkey, 2018
7th International Conference on Applied Analysis and Mathematical Modeling, Attendee, İstanbul, Turkey, 2018
2nd International Conference on Analysis and its Applications, Attendee, Kırşehir, Turkey, 2016
5th International Conference on Control and Optimization with Industrial Applications, Attendee, Baku, Azerbaijan, 2015
13.th Viennese Workshop on Optimal Control and Dynamic Games, Attendee, Viyana, Austria, 2015
Bargem Fen Bilimleri 1. Sempozyumu, Attendee, İstanbul, Turkey, 2006
19.Ulusal Matematik Sempozyumu, Attendee, Kütahya, Turkey, 2006
Control and Optimization with Industrial Applications-COIA, Attendee, Bakü, Azerbaijan, 2005
16.Ulusal Matematik Sempozyumu, Attendee, Van, Turkey, 2003