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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAE-6013-2020

Yoksis Researcher ID: 115873

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 (ESCI)

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. Optimization Of The Lagrange Problem With Second Order Differential Inclusions And Boundary Value Conditions

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 Cicek 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 CİÇEK 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 CİÇEK 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 CİCEK G.

7th International Conference on AppliedAnalysis and Mathematical Modeling, İstanbul, Turkey, 20 - 24 June 2018, np.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 CİÇEK 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 INTERNATIONAL JOURNAL OF OPTIMIZATION AND CONTROL: THEORIES & APPLICATIONS (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