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MATEMATİK BÖLÜMÜ ATATÜRK YOLU 7. KM 66900 MERKEZ/YOZGAT

International Researcher IDs

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Publons / Web Of Science ResearcherID: AAL-5668-2021

ScopusID: 57191035754

Yoksis Researcher ID: 28401

Education Information

- I. Undergraduate, Yozgat Bozok University, Mühendislik-Mimarlık Fakültesi, Elektrik-Elektronik Mühendisliği, Turkey 2023 - Continues
- II. Doctorate, Anadolu University, Institute Of Science, Uygulamalı Matematik (Dr), Turkey 2011 - 2016
- III. Postgraduate, Eskişehir Osmangazi University, Fen Bilimleri Enstitüsü, Matematik (YI) (Tezli), Turkey 2008 - 2010
- IV. Undergraduate, Kahramanmaraş Sutcu Imam University, Faculty Of Arts And Sciences, Department Of Mathematics, Turkey 2004 - 2008

Foreign Languages

- I. English, B2 Upper Intermediate

Certificates, Courses and Trainings

- I. Occupational Health and Safety, İş Sağlığı ve Güvenliği, Yozgat Bozok Üniversitesi, 2022
- II. Cyber Security, Siber Güvenlik Farkındalık Eğitimi, Yozgat Bozok Üniversitesi, 2021

Dissertations

- I. Doctorate, Belirsiz doğrusal sistemlerin kararlılık bölgelerinin bulunması yöntemleri, Anadolu University, Fen Bilimleri Enstitüsü, Uygulamalı Matematik (Dr), 2016
- II. Postgraduate, Adi diferensiyel denklemlerin simetrisi ve çözümleri, Eskişehir Osmangazi University, Fen Bilimleri

Research Areas

Differential Equations, Linear and Multilinear Algebra: Matrix Theory, General Mathematics, Partial Differential Equations, System Theory: Control

Academic Titles / Tasks

- I. Assistant Professor, Yozgat Bozok University, Fen-Edebiyat Fakültesi, Matematik, 2022 - Continues
- II. Research Assistant PhD, Yozgat Bozok University, Fen-Edebiyat Fakültesi, Matematik, 2016 - 2022
- III. Research Assistant, Anadolu University, Institute Of Science, Uygulamalı Matematik (Dr), 2011 - 2016
- IV. Research Assistant, Yozgat Bozok University, Fen-Edebiyat Fakültesi, Matematik, 2010 - 2011

Academic and Administrative Experience

- I. Fakülte Kurulu Üyesi, Yozgat Bozok University, Fen-Edebiyat Fakültesi, Matematik, 2023 - Continues
- II. Deputy Head of Department, Yozgat Bozok University, Fen-Edebiyat Fakültesi, Matematik, 2022 - Continues

Courses

- I. Programlama Dilleri II, Undergraduate, 2023 - 2024
- II. Latex ile Döküman Hazırlama, Postgraduate, 2023 - 2024
- III. Matris Analizi I, Postgraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022
- IV. Temel Matematik, Undergraduate, 2023 - 2024
- V. Kompleks Analiz I, Undergraduate, 2023 - 2024
- VI. Maple I, Undergraduate, 2023 - 2024
- VII. Linear Algebra I, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019
- VIII. Uzmanlık Alan Dersi, Postgraduate, 2023 - 2024, 2022 - 2023
- IX. Linear Algebra II, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019
- X. Differential Equations II, Undergraduate, 2022 - 2023
- XI. Seminer, Postgraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022
- XII. Bitirme Tezi II, Undergraduate, 2022 - 2023, 2021 - 2022
- XIII. Lineer Sistemlerin Kararlılığı II, Postgraduate, 2022 - 2023
- XIV. Tez Çalışması, Postgraduate, 2023 - 2024, 2022 - 2023
- XV. Matris Analizi II, Postgraduate, 2022 - 2023
- XVI. Bitirme Tezi I, Undergraduate, 2022 - 2023, 2021 - 2022
- XVII. Matematik 1, Undergraduate, 2022 - 2023
- XVIII. Lineer Cebir, Undergraduate, 2022 - 2023, 2021 - 2022
- XIX. Lineer Sistemlerin Kararlılığı I, Postgraduate, 2022 - 2023
- XX. Matematik II, Undergraduate, 2021 - 2022
- XXI. Lineer Cebir, Undergraduate, 2021 - 2022
- XXII. Diferansiyel Denklemler, Undergraduate, 2020 - 2021
- XXIII. Genel Matematik I, Undergraduate, 2020 - 2021
- XXIV. Genel Matematik 1, Undergraduate, 2018 - 2019

- I. **Stabilisation of discrete-time systems via Schur stability region**
Buyukkoroglu T., Celebi G., Dzhafarov V.
INTERNATIONAL JOURNAL OF CONTROL, vol.91, no.7, pp.1620-1629, 2018 (SCI-Expanded)
- II. **ON THE ROBUST STABILITY OF POLYNOMIAL MATRIX FAMILIES**
Buyukkoroglu T., Celebi G., Dzhafarov V.
ELECTRONIC JOURNAL OF LINEAR ALGEBRA, vol.30, pp.905-915, 2015 (SCI-Expanded)

Articles Published in Other Journals

- I. **Calculation of Cutoff Frequency for Polynomial Families**
BÜYÜKKÖROĞLU T., ÇELEBİ G.
Anadolu Üniversitesi Bilim ve Teknoloji Dergisi :B-Teorik Bilimler, vol.5, no.1, pp.70-76, 2017 (Peer-Reviewed Journal)
- II. **STABILIZATION OF DISCRETE TIME SYSTEMS BY REFLECTION COEFFICIENTS**
BÜYÜKKÖROĞLU T., ÇELEBİ G., Dzhafarov V.
TRUDY INSTITUTA MATEMATIKI I MEKHANIKI URO RAN, vol.23, no.1, pp.306-311, 2017 (ESCI)

Refereed Congress / Symposium Publications in Proceedings

- I. **Robust Relative Stability of Nonlinear Matrix Families**
ÇELEBİ G., BÜYÜKKÖROĞLU T., CAFER V.
II. INTERNATIONAL SCIENTIFIC AND VOCATIONAL STUDIES CONGRESS, (BILMES SCI 2018) SCIENCE AND MATHEMATICS, Nevşehir, Turkey, 5 - 08 July 2018
- II. **Kontrol Sistemlerin R-Hurwitz Kararlılığı**
ÇELEBİ G., BÜYÜKKÖROĞLU T., CAFER V.
30. Ulusal Matematik Sempozyumu, Ankara, Turkey, 6 - 09 September 2017
- III. **Reflection map for Hurwitz stability and some applications**
BÜYÜKKÖROĞLU T., ÇELEBİ G., CAFER V.
0th Conference of the International Linear Algebra Society (ILAS), 11 - 15 July 2016
- IV. **Canonical Map in The Stability of Continuous Time Systems**
CAFER V., BÜYÜKKÖROĞLU T., ÇELEBİ G.
International Science and Technology Conference, 13 - 15 July 2016
- V. **On Stabilization of Discrete Time Systems**
BÜYÜKKÖROĞLU T., ÇELEBİ G., CAFER V.
International Conference on Mathematics and Computer Science, Vienna, Austria, 10 - 11 November 2015
- VI. **Outer Approximation of the Set of Hurwitz Polynomials**
ÇELEBİ G., BÜYÜKKÖROĞLU T., CAFER V.
International Conference on Mathematics and Computer Science, Vienna, Austria, 10 - 11 November 2015
- VII. **Stability Regions of Continuous and Discrete Time Systems**
BÜYÜKKÖROĞLU T., ÇELEBİ G., CAFER V.
International Conference on Advancement in Mathematical Sciences, Antalya, Turkey, 5 - 07 November 2015
- VIII. **Exact Calculation of Cutoff Frequency for Polynomial Families**
ÇELEBİ G., YILDIZ B., BÜYÜKKÖROĞLU T., CAFER V.
International Conference on Advancement in Mathematical Sciences, Antalya, Turkey, 5 - 07 November 2015
- IX. **On Inertia Problem for Two Parameter Affine Polynomial Families**

ÇELEBİ G., BÜYÜKKÖROĞLU T., CAFER V.

2nd International Eurasian Conference on Mathematical Sciences and Applications, Sarajevo, Bosnia And Herzegovina, 26 - 29 August 2013

Supported Projects

- I. Duran D., Türkmen A., Çelebi G., TUBITAK Project, Kuantum Yang-Baxter Denklemlerinin Üniter Çözümlerinin Açık Kuantum Sistemleri Kapsamında İncelenmesi ve Kuantum Dinamiğin Tasviri, 2022 - 2025
- II. ÇELEBİ G., Project Supported by Higher Education Institutions, Kesikli ve Sürekli Sistemler için Kanonik Dönüşümler, 2016 - 2017
- III. ÇELEBİ G., Project Supported by Higher Education Institutions, Parametreye Bağlı Doğrusal Sistemler için Parametrik Lyapunov Fonksiyonları, 2015 - 2016
- IV. ÇELEBİ G., Project Supported by Higher Education Institutions, Belirsizlik Sistemlerin Kararlılık Özelliklerinin Parametrik Uzayda İncelenmesi, 2014 - 2015
- V. ÇELEBİ G., Project Supported by Higher Education Institutions, YFS ve Ağaç Otomorfizmi Anlamında Kendine Benzer Grupların İlişkileri, 2014 - 2015
- VI. ÇELEBİ G., Project Supported by Higher Education Institutions, DOĞRUSAL SİSTEMLERİN KARARLILIK ÖZELLİKLERİNİN FARKLI YÖNTEMLERLE İNCELENMESİ, 2013 - 2014

Activities in Scientific Journals

- I. Bozok Journal of Science, Technical Redactor, 2022 - Continues

Scientific Refereeing

- I. Celal Bayar Üniversitesi Fen Bilimleri Dergisi, Other Indexed Journal, May 2023
- II. CUMHURİYET SCIENCE JOURNAL, National Scientific Refreed Journal, April 2022
- III. turkish Journal of Science, Other Indexed Journal, January 2020

Tasks In Event Organizations

- I. Babaarslan M., Çelebi G., Meral M., Matematik Bölümü Genel Seminerleri, Student Club and Community Activity, Yozgat, Turkey, Ekim 2018

Metrics

Publication: 13

Citation (WoS): 12

Citation (Scopus): 9

H-Index (WoS): 2

H-Index (Scopus): 2

Congress and Symposium Activities

- I. Advances in Modal Logic 2014, Audience, Groningen, Netherlands, 2014

Scholarships

- I. BİDEB 2211 - Yurt İçi Doktora Burs Programları, TUBİTAK, 2011 - 2016
- II. BİDEB 2210 - Yurt İçi Yüksek Lisans Burs Programları, TUBİTAK, 2009 - 2010

Coaching Duties

Refereeing Duties
