

Asst. Prof. ŞULE YÜKSEL GÜNGÖR

Personal Information

Office Phone: [+90 312 202 1511](tel:+903122021511)

Email: sulegungor@gazi.edu.tr

Web: <https://avesis.gazi.edu.tr/sulegungor>

Address: Gazi Üniversitesi Fen Fakültesi Matematik Bölümü 06500 Teknikokullar/Ankara

International Researcher IDs

ScholarID: pULqsOIAAAAJ

ORCID: 0000-0002-6238-5466

Publons / Web Of Science ResearcherID: AAE-7667-2021

ScopusID: 57190343762

Yoksis Researcher ID: 158366

Education Information

Doctorate, Gazi University, Fen Bilimleri Enstitüsü, Matematik (Dr), Turkey 2012 - 2018

Postgraduate, Gazi University, Fen Bilimleri Enstitüsü, Matematik (YI) (Tezli), Turkey 2009 - 2012

Undergraduate, Ankara University, Faculty Of Science, Department Of Mathematics, Turkey 2005 - 2009

Foreign Languages

English, C1 Advanced

Certificates, Courses and Trainings

Vocational Training, Uninettuno Summer School, Orthogonal Polynomials, Special Functions and Applications - OPSF S10, Università Telematica Internazionale Uninettuno, Italy, 2024

Education Management and Planning, Training Course of Life Long Learning in Braga, Braga Mob, Portugal, 2023

Quality Management, TS EN ISO 9001:2015 Kalite Yönetim Sistemi İç Tetkik Eğitimi, Turkish Standards Institution, 2023

Quality Management, TS EN ISO 9001:2015 Kalite Yönetim Sistemi Dokümantasyon Eğitimi, Turkish Standards Institution, 2023

Quality Management, TS EN ISO 9001:2015 Risk Tabanlı Proses Yönetimi Eğitimi, Turkish Standards Institution, 2023

Quality Management, TS EN ISO 9001:2015 Kalite Yönetim Sistemi Temel Eğitimi, Turkish Standards Institution, 2023

Personal Evolution, Erasmus + Personel Ders Verme Hareketliliği, Universidad de la Laguna, 2023

Education Management and Planning, Eğitimcilerin Eğitimi Sertifika Programı, Gazi University, 2023

Quality Management, Kalite Eğitimleri, Gazi University, 2022

Vocational Training, Web of Science Academy Course: Good Citation Behavior, Web of Science, 2021

Vocational Training, Publons Academy Peer Review Certificate, Publons Academy, 2021

Vocational Training, Türk Matematik Derneği Analiz Yaz Okulu (Feza Gürsey Yaz Okulları 2016), Feza Gürsey Institute For Fundamental Sciences, 2016

Personal Evolution, Yeni İş Tecrübeleri İçin Ankara Konsorsiyumu (YİTAK) - Erasmus+ Yurtdışı Staj Hareketliliği, Nureler International Organization, Spain, 2015

Personal Evolution, Youth in Action - Volunteering - path to social solidarity, Technical University of Sofia, 2012

Dissertations

Doctorate, Approximation by Nonlinear Bernstein Type Maximum-Product Operators, Gazi University, Fen Bilimleri Enstitüsü, 2018

Postgraduate, Korovkin-type theorems, Gazi University, Fen Bilimleri Enstitüsü, 2012

Research Areas

Natural Sciences

Academic Titles / Tasks

Assistant Professor, Gazi University, Fen Fakültesi, Matematik, 2022 - Continues

Research Assistant, Gazi University, Fen Fakültesi, Matematik, 2011 - 2022

Academic and Administrative Experience

Deputy Director of the Center, Gazi University, Sürekli Eğitim Uygulama ve Araştırma Merkezi, 2022 - Continues

Courses

Real Analysis II, Undergraduate, 2023 - 2024

Yüksek Lisans Tezine Hazırlık, Postgraduate, 2023 - 2024, 2022 - 2023

Mathematics II, Undergraduate, 2023 - 2024, 2020 - 2021, 2019 - 2020

Araştırma Projesi II, Undergraduate, 2023 - 2024, 2022 - 2023

History of Mathematics II, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022

Real Analysis II, Undergraduate, 2023 - 2024, 2022 - 2023

Real Analysis, Postgraduate, 2023 - 2024, 2022 - 2023

Mathematics II, Undergraduate, 2022 - 2023, 2021 - 2022

Real Analysis I, Undergraduate, 2023 - 2024

Engineering Mathematics I, Undergraduate, 2023 - 2024

Mathematics I, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020

Research Project I, Undergraduate, 2023 - 2024, 2022 - 2023, 2018 - 2019

History of Mathematics I, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022

Real Analysis I, Undergraduate, 2023 - 2024

Mathematics II, Undergraduate, 2018 - 2019

Functional Analysis II, Undergraduate, 2018 - 2019

Mathematics II, Undergraduate, 2018 - 2019

Functional Analysis I, Undergraduate, 2018 - 2019

Mathematics II, Undergraduate, 2017 - 2018

Matematik, Undergraduate, 2018 - 2019

Mathematics I, Undergraduate, 2018 - 2019

Mathematics I, Undergraduate, 2018 - 2019

Differential Equations, Undergraduate, 2017 - 2018

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Approximation results for the operators involving beta function and the Boas-Buck-Sheffer polynomials**
GÜNGÖR Ş. Y., ÇEKİM B., Özarslan M. A.
Filomat, vol.38, no.1, pp.171-187, 2024 (SCI-Expanded)
- II. **Approximation by Bernstein-Chlodowsky operators of max-product kind**
Güngör Ş. Y., İspir N.
MATHEMATICAL COMMUNICATIONS, vol.23, no.2, pp.205-225, 2018 (SCI-Expanded)
- III. **Quantitative Estimates for Generalized Szasz Operators of Max-Product Kind**
GÜNGÖR Ş. Y., İSPİR N.
RESULTS IN MATHEMATICS, vol.70, pp.447-456, 2016 (SCI-Expanded)

Articles Published in Other Journals

- I. **Better degree of approximation by modified Bernstein-Durrmeyer type operators**
Agrawal P. N., Güngör Ş. Y., Kumar A.
Mathematical Foundations of Computing, vol.5, no.2, pp.75-92, 2022 (ESCI)
- II. **Shape preserving properties of generalized Szász operators of max-product kind**
GÜNGÖR Ş. Y., İSPİR N.
General Mathematics, vol.1, no.24, pp.71-79, 2016 (Peer-Reviewed Journal)
- III. **The Exact Order of Approximation for Bivariate Complex Bernstein-Schurer Polynomials**
İSPİR N., GÜNGÖR Ş. Y.
EUROPEAN JOURNAL OF PURE AND APPLIED MATHEMATICS, vol.9, no.3, pp.322-332, 2016 (ESCI)

Refereed Congress / Symposium Publications in Proceedings

- I. **Modifiye Bernstein-Durrmeyer Tip Operatörler İle Daha İyi Yaklaşım Derecesi**
Agrawal P. N., GÜNGÖR Ş. Y., KUMAR A.
Yaklaşımlar Teorisi ve Uygulamaları Çalıştayı, Ankara, Turkey, 04 March 2022
- II. **Approximation by Some Kantorovich Type Max-Product Operators**
Güngör Ş. Y.
International Conference On Mathematics and Mathematics Education - ICMME 2021, Ankara, Turkey, 16 - 18 September 2021, pp.41
- III. **Rate of Convergence by Phillips Operators Involving Appell Polynomials**
Güngör Ş. Y., İspir N.
Third International Conference of Mathematical Sciences - ICMS 2019, İstanbul, Turkey, 4 - 08 September 2019, pp.59
- IV. **Approximation by summation-integral type operators involving Brenke polynomials**
Güngör Ş. Y.
2nd International Conference on Pure and Applied Mathematics - ICPAM, Van, Turkey, 11 - 13 September 2018, pp.82
- V. **Approximation by Chlodowsky-Szász-Sheffer-Kantorovich Operators**
Güngör Ş. Y.
13. Ankara Matematik Günleri Sempozyumu - AMG, Ankara, Turkey, 27 - 28 April 2018, pp.71
- VI. **Approximation by Generalized Bleimann-Butzer-Hahn Operators of Max-Product Kind**
Güngör Ş. Y., İspir N.
The 11th Congress of International Society for Analysis, its Applications and Computations - ISAAC, Vaxjö, Sweden, 14 - 18 August 2017, pp.16
- VII. **Shape Preserving Properties of Generalized Szász Operators of Max Product Kind**
Güngör Ş. Y., İspir N.

The 12th International Conference on Approximation Theory and its Applications - ICATA, Sibiu, Romania, 26 - 29 May 2016, vol.24, pp.71-79

VIII. Approximation by Max-Product Type Bernstein-Chlodowsky Operators

Güngör Ş. Y., İspir N.

10. Ankara Matematik Günleri Sempozyumu - AMG, Ankara, Turkey, 11 - 12 June 2015, pp.61

Scientific Refereeing

Project Supported by Other Official Institutions, Tekirdağ Namik Kemal University, Turkey, October 2023

KRAGUJEVAC JOURNAL OF MATHEMATICS, Journal Indexed in ESCI, February 2023

MATHEMATICAL FOUNDATIONS OF COMPUTING, Journal Indexed in ESCI, February 2022

RESULTS IN APPLIED MATHEMATICS, Journal Indexed in ESCI, March 2021

COMMUNICATIONS FACULTY OF SCIENCES UNIVERSITY OF ANKARA-SERIES A1 MATHEMATICS AND STATISTICS, National Scientific Refreed Journal, March 2021

Metrics

Publication: 15

Citation (WoS): 15

Citation (Scopus): 22

H-Index (WoS): 2

H-Index (Scopus): 2

Congress and Symposium Activities

EPALE 2024 International Conference, Audience, Antalya, Turkey, 2024

EPALE National Workshop, Working Group, Ankara, Turkey, 2024

Dünyada Matematik Eğitimi Çalıştayı, Audience, Ankara, Turkey, 2023

Attendee, Ankara, Turkey, 2022

International Conference on Mathematics and Mathematics Education, Attendee, Ankara, Turkey, 2021

3rd International Conference of Mathematical Sciences (ICMS 2019), Session Moderator, İstanbul, Turkey, 2019

14. Ankara Matematik Günleri Sempozyumu, Audience, Ankara, Turkey, 2019

International Workshop on Dynamical Systems and Applications, Audience, Ankara, Turkey, 2019

2nd International Conference on Pure and Applied Mathematics, Attendee, Van, Turkey, 2018

13. Ankara Matematik Günleri Sempozyumu, Attendee, Ankara, Turkey, 2018

The 11th International Society for Analysis, its Applications and Computation Congress, Attendee, Vaxjö, Sweden, 2017

12. Ankara Matematik Günleri Sempozyumu, Audience, Ankara, Turkey, 2017

The 12th International Conference on Approximation Theory and its Applications, Attendee, Sibiu, Romania, 2016

10. Ankara Matematik Günleri Sempozyumu, Attendee, Ankara, Turkey, 2015

9. Ankara Matematik Günleri Sempozyumu, Audience, Ankara, Turkey, 2014

8. Ankara Matematik Günleri Sempozyumu, Audience, Ankara, Turkey, 2013

7. Ankara Matematik Günleri Sempozyumu, Audience, Ankara, Turkey, 2012

5. Ankara Matematik Günleri Sempozyumu, Audience, Ankara, Turkey, 2010

Scholarships

2211-E Doğrudan Yurt İçi Doktora Burs Programı, TÜBİTAK, 2012 - 2017

2210-A Genel Yurt İçi Yüksek Lisans Burs Programı, TÜBİTAK, 2010 - 2011

Awards

Güngör Ş. Y., TÜBİTAK Bilimsel Yayınları Teşvik Ödülü, Tübitak, September 2019

Güngör Ş. Y., Makale Ödülü, Gazi Üniversitesi, July 2019