

Asst. Prof. OSMAN ALAGÖZ

Personal Information

Office Phone: [+90 228 214 1183](tel:+902282141183)

Email: osman.alagoz@bilecik.edu.tr

Web: <https://avesis.bilecik.edu.tr/osman.alagoz>

International Researcher IDs

ScholarID: M8VPbgIAAAAJ

ORCID: 0000-0002-0587-460X

Publons / Web Of Science ResearcherID: DUC-4870-2022

ScopusID: 57192904765

Yoksis Researcher ID: 47154

Education Information

Doctorate, Ataturk University, Fen Bilimleri Enstitüsü, Analiz Ve Fonksiyonlar Teorisi (Dr), Turkey 2011 - 2018

Undergraduate, Ataturk University, Fen Fakültesi, Matematik Bölümü, Turkey 2004 - 2008

Courses

ANALİZ III, Undergraduate, 2019 - 2020, 2016 - 2017

KOMPLEKS FONKSİYONLAR TEORİSİ I, Undergraduate, 2016 - 2017

ANALİZ IV, Undergraduate, 2016 - 2017, 2015 - 2016

Advising Theses

ALAGÖZ O., Kapalı aralıkta tanımlı berinde dönüşümleri için iterativ yaklaşımlar, Postgraduate, E.AKIN(Student), 2022

ALAGÖZ O., Genelleştirilmiş Sampling Durrmeyer operatörler ailesi ile ağırlıklı yaklaşım, Postgraduate, M.PARLAK(Student), 2022

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Approximation by sampling Kantorovich series in weighted spaces of functions**
Acar T., ALAGÖZ O., Aral A., Costarelli D., Turgay M., Vinti G.
Turkish Journal of Mathematics, vol.46, no.7, pp.2663-2676, 2022 (SCI-Expanded)
- II. **Approximation by Sampling Durrmeyer Operators in Weighted Space of Functions**
ALAGÖZ O., Turgay M., Acar T., Parlak M.
Numerical Functional Analysis and Optimization, vol.43, no.10, pp.1223-1239, 2022 (SCI-Expanded)
- III. **Convergence of generalized sampling series in weighted spaces**
Acar T., ALAGÖZ O., Aral A., Costarelli D., Turgay M., Vinti G.
Demonstratio Mathematica, vol.55, no.1, pp.153-162, 2022 (SCI-Expanded)
- IV. **Approximation by Gamma type operators**
Nur Deveci S., Acar T., ALAGÖZ O.
Mathematical Methods in the Applied Sciences, vol.43, no.5, pp.2772-2782, 2020 (SCI-Expanded)

- V. **Convergence theorems of a faster iteration process including multivalued mappings with analytical and numerical examples**
Gunduz B., ALAGÖZ O., AKBULUT S.
Filomat, vol.32, no.16, pp.5665-5677, 2018 (SCI-Expanded)
- VI. **Convergence theorems for a family of multivalued nonexpansive mappings in hyperbolic spaces**
ALAGÖZ O., Gunduz B., AKBULUT S.
Open Mathematics, vol.14, no.1, pp.1065-1073, 2016 (SCI-Expanded)

Articles Published in Other Journals

- I. **Weighted approximations by sampling type operators: recent and new results**
ALAGÖZ O.
Constructive mathematical analysis (Online), vol.7, no.3, pp.114-125, 2024 (Peer-Reviewed Journal)
- II. **Approximation properties of multivariate exponential sampling series**
Kurşun S., Turgay M., ALAGÖZ O., Acar T.
Carpathian Mathematical Publications, vol.13, no.3, pp.666-675, 2021 (ESCI)
- III. **Convergence Theorems with a Faster Iteration Process for Suzuki's Generalized Non-expansive Mapping with Numerical Examples**
ALAGÖZ O., GÜNDÜZ B., AKBULUT S.
Erzincan Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.13, no.Özel Sayı - 1, pp.162-174, 2020 (Peer-Reviewed Journal)
- IV. **NUMERICAL RECKONING FIXED POINTS FOR BERINDE MAPPINGS VIA A FASTER ITERATION PROCESS**
Alagöz O., Gündüz B., Akbulut S.
FACTA UNIVERSITATIS-SERIES MATHEMATICS AND INFORMATICS, vol.33, no.2, pp.295-305, 2018 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Approximation properties of multivariate sampling type operators**
Kurşun S., Turgay M., ALAGÖZ O., ACAR T.
International Online Workshop on Approximation Theory, Romania, 19 March 2021
- II. **Fixed point theorems in modular function spaces**
ALAGÖZ O.
ICMSA, 28 - 31 August 2020
- III. **Küme Değerli Dönüşümler için İterasyonların Yakınsama Hızları**
GÜNDÜZ B., ALAGÖZ O., AKBULUT S.
31. Ulusal Matematik Sempozyumu, Erzincan, Turkey, 12 - 15 September 2018
- IV. **Comparing Convergence Rate of M -Iteration with Some Faster Iteration Processes**
ALAGÖZ O., GÜNDÜZ B., AKBULUT S.
INTERNATIONAL CONFERENCE ON MATHEMATICAL ADVANCES AND ITS APPLICATIONS, İstanbul, Turkey, 11 - 13 May 2018
- V. **On the Approximation of Fixed Points of Multivalued Nonexpansive Mappings**
GÜNDÜZ B., Solmaz F., ALAGÖZ O., AKBULUT S.
INTERNATIONAL CONFERENCE ON MATHEMATICAL ADVANCES AND ITS APPLICATIONS, İstanbul, Turkey, 11 - 13 May 2018
- VI. **Fixed point of continuous mappings defined on an arbitrary interval**
ALAGÖZ O., GÜNDÜZ B., AKBULUT S.
Caucasian Mathematics Conference CMC II, Van, Turkey, 22 - 24 August 2017
- VII. **Convergence Theorems of a Faster Iteration Process Including Multivalued Mappings with Analytical**

and Numerical Examples

GÜNDÜZ B., ALAGÖZ O., AKBULUT S.

INTERNATIONAL CONFERENCE ON MATHEMATICS AND ENGINEERING, İstanbul, Turkey, 10 - 12 May 2017

VIII. **Convergence Theorems for a Faster Iteration Process for Suzuki's Generalized Nonexpansive Mapping With Numerical Examples**

ALAGÖZ O., GÜNDÜZ B., AKBULUT S.

INTERNATIONAL CONFERENCE ON MATHEMATICS AND ENGINEERING, İstanbul, Turkey, 10 - 12 May 2017

IX. **Convergence Theorems for a Family of Multivalued Mappings in Hyperbolic Spaces**

ALAGÖZ O., GÜNDÜZ B., AKBULUT S.

International Conference on Analysis and its Applications, Kırşehir, Turkey, 12 - 15 July 2016

X. **Modüler Fonksiyon Uzaylarında Küme Değerli Dönüşümlerin Sabit Noktaları**

ALAGÖZ O., GÜNDÜZ B., AKBULUT S.

11. Ankara Matematik Günleri, Ankara, Turkey, 26 - 27 May 2016