

Res. Asst. SERDAL YAZICI

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: AIC-9190-2022

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Education Information

Doctorate, Gazi University, Fen Fakültesi, Matematik, Turkey 2022 - Continues

Postgraduate, Ankara University, Fen Bilimleri Enstitüsü, Matematik, Turkey 2019 - 2022

Postgraduate, Gazi University, Fen Bilimleri Enstitüsü, Matematik (YI) (Tezli), Turkey 2016 - 2019

Undergraduate, Erciyes University, Fen Fakültesi, Matematik Bölümü, Turkey 2011 - 2015

Foreign Languages

English, C1 Advanced

Spanish, A2 Elementary

Dissertations

Postgraduate, A new generalization of Dunkl-Szász-Mirakyan operators, Ankara University, Fen Bilimleri Enstitüsü, Mathematics, 2022

Postgraduate, İki değişkenli Hermite polinomlarını içeren Szász operatörlerinin genellemeleri ve yaklaşım özellikleri, Gazi University, Fen Bilimleri Enstitüsü, Matematik (YI) (Tezli), 2019

Research Areas

Mathematics, Computer Science, Differential Equations, Functional Analysis, Fourier Analysis, Integral Equations, Approximations and Expansions

Academic Titles / Tasks

Research Assistant, Gazi University, Fen Fakültesi, Matematik, 2020 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **A new representation and shape-preserving properties of perturbed Bernstein operators**
Acu A., MUTLU G., ÇEKİM B., YAZICI S.
Mathematical Methods in the Applied Sciences, vol.47, no.1, pp.5-14, 2024 (SCI-Expanded)
- II. **On a generalization of Szasz-Mirakyan operators including Dunkl-Appell polynomials**
Yazıcı S., Yesildal F. T., Çekim B.
TURKISH JOURNAL OF MATHEMATICS, vol.46, no.6, pp.2353-2365, 2022 (SCI-Expanded)
- III. **QUANTITATIVE DUNKL ANALOGUE OF SZASZ-MIRAKYAN OPERATORS**
Cai Q., YAZICI S., ÇEKİM B., İÇÖZ G.
JOURNAL OF MATHEMATICAL INEQUALITIES, vol.15, no.2, pp.861-878, 2021 (SCI-Expanded)

Articles Published in Other Journals

- I. **A Kantorovich Type Generalization of the Szasz Operators via Two Variable Hermite Polynomials**
Yazıcı S., Çekim B.
GAZI UNIVERSITY JOURNAL OF SCIENCE, vol.30, no.4, pp.432-440, 2017 (ESCI)

Refereed Congress / Symposium Publications in Proceedings

- I. **İki Değişkenli Hermite Polinomlarını İçeren Szász Operatörlerinin Stancu-Kantorovich Tipli Genellemesi**
Yazıcı S., Çekim B.
31. Ulusal Matematik Sempozyumu (UMS 2018), Erzurum, Turkey, 12 - 15 September 2018, pp.89
- II. **A new generalization of Szász operators and its approximation properties**
Yazıcı S., Çekim B.
2nd International Conference on Pure and Applied Mathematics (ICPAM-VAN 2018), Van, Turkey, 11 - 13 September 2018, pp.148

Metrics

Publication: 6

Citation (WoS): 4

Citation (Scopus): 1

H-Index (WoS): 1

H-Index (Scopus): 1