

Arş. Gör. DAMLA GÜN



Kişisel Bilgiler

İş Telefonu: [+90 242 310 3803](tel:+902423103803)

E-posta: damlagun@akdeniz.edu.tr

Web: <https://avesis.akdeniz.edu.tr/damlagun>

Uluslararası Araştırmacı ID'leri

ORCID: 0000-0001-6945-2468

Yoksis Araştırmacı ID: 307177



Eğitim Bilgileri

Lisans, Kırıkkale Üniversitesi, Fen Edebiyat, Matematik, Türkiye 2003 - 2007

Yabancı Diller

İngilizce, B2 Orta Üstü

Araştırma Alanları

Matematik, Matematiğin Temelleri ve Matematiksel Mantık, Temel Bilimler

Akademik Unvanlar / Görevler

Araştırma Görevlisi, Akdeniz Üniversitesi, Fen Fakültesi, Matematik Bölümü, 2019 - Devam Ediyor

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Modification exponential Euler type splines derived from Apostol-Euler numbers and polynomials of complex order**
Gün D., Şimşek Y.
APPLICABLE ANALYSIS AND DISCRETE MATHEMATICS, cilt.17, sa.1, ss.197-215, 2023 (SCI-Expanded)
- II. **Generating functions for reciprocal Catalan-type sums: approach to linear differentiation equation and (p -adic) integral equations**
Gün D., Şimşek Y.
TURKISH JOURNAL OF MATHEMATICS, cilt.47, sa.2, ss.830-845, 2023 (SCI-Expanded)
- III. **Some new identities and inequalities for Bernoulli polynomials and numbers of higher order related to the Stirling and Catalan numbers**
GÜN D., ŞİMŞEK Y.
REVISTA DE LA REAL ACADEMIA DE CIENCIAS EXACTAS FISICAS Y NATURALES SERIE A-MATEMATICAS, cilt.114, sa.4, 2020 (SCI-Expanded)

Diğer Dergilerde Yayınlanan Makaleler

- I. **Some series representations for special numbers involving Fibonacci polynomials and combinatorial numbers**
GÜN D., ŞİMŞEK Y.
AIP CONFERENCE PROCEEDINGS, cilt.2849, 2023 (Scopus)
- II. **Inequalities and formulas associated with Bernoulli numbers of higher order and special numbers**
GÜN D., ŞİMŞEK Y.
AIP CONFERENCE PROCEEDINGS, cilt.2849, 2023 (Scopus)
- III. **Relations among trigonometric functions, Apostol-type numbers and Peters-type Simsek polynomials**
GÜN D.
Montes Taurus Journal of Pure and Applied Mathematics, cilt.5, sa.1, ss.90-101, 2023 (Scopus)
- IV. **Combinatorial sums involving Stirling, Fubini, Bernoulli numbers and approximate values of Catalan numbers**
Gün D., ŞİMŞEK Y.
Advanced Studies in Contemporary Mathematics, cilt.30, sa.4, ss.503-513, 2020 (Hakemli Dergi)

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **Formulas for Calculating Numerical Values of Combinatorial Sums Involving Apostol-Bernoulli Numbers and Polynomials**
GÜN D., ŞİMŞEK Y.
International Conference of Numerical Analysis and Applied Mathematics 2022, ICNAAM 2022, Heraklion, Yunanistan, 19 - 25 Eylül 2022, cilt.3094
- II. **Commentaries on Relations for Apostol Type and Special Polynomials**
GÜN D., ŞİMŞEK Y.
International Conference of Numerical Analysis and Applied Mathematics 2022, ICNAAM 2022, Heraklion, Yunanistan, 19 - 25 Eylül 2022, cilt.3094
- III. **Relations of exponential Euler spline associated with special numbers and polynomials**
GÜN D., ŞİMŞEK Y.
The 6th Mediterranean International Conference of Pure & Applied Mathematics and Related Areas (MICOPAM 2023), Paris, Fransa, 23 - 27 Ağustos 2023, ss.127-134
- IV. **Formulae for exponential Apostol-Genocchi splines**
GÜN D., ŞİMŞEK Y.
The 13th Symposium on Generating Functions of Special Numbers and Polynomials and their Applications (GFSNP 2023), Antalya, Türkiye, 11 Mart 2023, ss.148-154
- V. **Some special series involving two variable Fibonacci type polynomials and combinatorial numbers**
GÜN D., ŞİMŞEK Y.
The 5th Mediterranean International Conference of Pure & Applied Mathematics and Related Areas (MICOPAM 2022), Antalya, Türkiye, 27 - 30 Ekim 2022, cilt.2022, ss.54-60
- VI. **Infinite Series Representations for Certain Classes of Combinatorial Numbers and Polynomials**
GÜN D., ŞİMŞEK Y.
International Symposium on Advanced Engineering Technologies (ISADET), Kahramanmaraş, Türkiye, 16 Haziran 2022, ss.385-389
- VII. **Remarks on infinite series representations of the certain family of the combinatorial numbers**
Gün D., Şimşek Y.
The 3rd & 4th Mediterranean International Conference of Pure & Applied Mathematics and Related Areas (MICOPAM 2020-2021), Antalya, Türkiye, 11 - 12 Kasım 2021, ss.40-43
- VIII. **Some series representations for special numbers involving Fibonacci polynomials and combinatorial numbers II**
Gün D., Şimşek Y.

19th International Conference of Numerical Analysis And Applied Mathematics (ICNAAM 2021), Rodos, Yunanistan, 20 - 26 Eylül 2021, ss.38-40

- IX. **Inequalities and formulas associated with Bernoulli numbers of higher order and special numbers II**
Gün D., Şimşek Y.

19th International Conference of Numerical Analysis And Applied Mathematics (ICNAAM 2021), Rodos, Yunanistan, 20 - 26 Eylül 2021, ss.35-37

- X. **Remarks on exponential Euler spline related to Genocchi numbers and polynomials**
Gün D., Şimşek Y.

International Conference on Special Functions & Applications (ICSFA-2021) XXth Annual Meeting of the Society for Special Functions & their Applications 22 - 24 December, 2021, Tiruvannamalai, Hindistan, 22 - 24 Aralık 2021, ss.1-5

- XI. **Formulas Associated with Combinatorial Polynomials and two Parametric Apostol-type Polynomials**
GÜN D., ŞİMŞEK Y.

International Conference on Numerical Analysis and Applied Mathematics (ICNAAM), Rhodes, Yunanistan, 23 - 28 Eylül 2019, cilt.2293

- XII. **Formulas associated with combinatorial polynomials and two parametric Apostol-type polynomials II**

GÜN D., ŞİMŞEK Y.

17TH INTERNATIONAL CONFERENCE OF NUMERICAL ANALYSIS AND APPLIED MATHEMATICS (ICNAAM 2019), Rodos, Yunanistan, 23 - 28 Eylül 2019, ss.36-38

Desteklenen Projeler

ŞİMŞEK Y., GÜN D., Yükseköğretim Kurumları Destekli Proje, B-Spline eğrileri ile Eulerian tipli polinomlar arasındaki ilişkiler ve bunların uygulamaları, 2020 - 2021

Metrikler

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Atıf (WoS): 6

Atıf (Scopus): 6

H-İndeks (WoS): 1

H-İndeks (Scopus): 1