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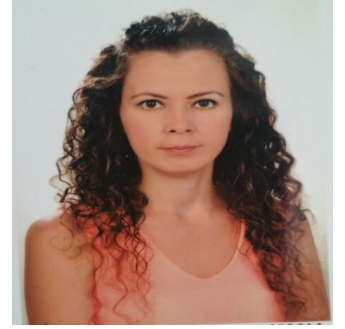**Email:** damlagun@akdeniz.edu.tr

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Undergraduate, Kirikkale University, Fen Edebiyat, Matematik, Turkey 2003 - 2007

Foreign Languages

English, B2 Upper Intermediate

Research Areas

Mathematics, Mathematical Logic and Foundations, Natural Sciences

Academic Titles / Tasks

Research Assistant, Akdeniz University, Faculty of Science, Department of Mathematics, 2019 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

I. **Modification exponential Euler type splines derived from Apostol-Euler numbers and polynomials of complex order**
Gün D., Simsek Y.
APPLICABLE ANALYSIS AND DISCRETE MATHEMATICS, vol.17, no.1, pp.197-215, 2023 (SCI-Expanded)

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III. **Some new identities and inequalities for Bernoulli polynomials and numbers of higher order related to the Stirling and Catalan numbers**
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Articles Published in Other Journals

I. **Some series representations for special numbers involving Fibonacci polynomials and combinatorial numbers**
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II. **Inequalities and formulas associated with Bernoulli numbers of higher order and special numbers**
GÜN D., ŞİMŞEK Y.
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III. **Relations among trigonometric functions, Apostol-type numbers and Peters-type Simsek polynomials**
GÜN D.
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IV. **Combinatorial sums involving Stirling, Fubini, Bernoulli numbers and approximate values of Catalan numbers**
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Papers Published in Refereed Scientific Meetings

I. **Relationships and calculation formulas among B-spline, Apostol-Genocchi numbers and Eulerian polynomials**
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II. **Relations among multiple variables polynomials, Fibonacci and Lucas numbers**
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The 7th Mediterranean International Conference of Pure & Applied Mathematics and Related Areas, Antalya, Turkey, 26 - 29 October 2024, pp.78-83

III. **Formulas Derived from Exponential Euler Splines and Special Polynomials**
GÜN D., ŞİMŞEK Y.
Western Balkan Conference on Mathematics and Applications (WBCMA 2024), Tirane, Albania, 6 - 07 September 2024, pp.24-28

IV. **Formulas for Calculating Numerical Values of Combinatorial Sums Involving Apostol-Bernoulli Numbers and Polynomials**
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V. **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, Greece, 19 - 25 September 2022, vol.3094

VI. **On B-spline: Analysis of Apostol-Bernoulli numbers and Eulerian polynomials**
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VII. **Relations of exponential Euler spline associated with special numbers and polynomials**
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VIII. **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, Turkey, 11 March 2023, pp.148-154

IX. **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, Turkey, 27 - 30 October 2022, vol.2022, pp.54-60

X. **Infinite Series Representations for Certain Classes of Combinatorial Numbers and Polynomials**
GÜN D., ŞİMŞEK Y.
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XI. **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, Turkey, 11 - 12 November 2021, pp.40-43

XII. **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, Greece, 20 - 26 September 2021, pp.35-37

XIII. **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, Greece, 20 - 26 September 2021, pp.38-40

XIV. **Remarks on exponential Euler spline related to Genocchi numbers and polynomials**
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XV. **Formulas Associated with Combinatorial Polynomials and two Parametric Apostol-type Polynomials**
GÜN D., ŞİMŞEK Y.
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XVI. **Formulas associated with combinatorial polynomials and two parametric Apostol-type polynomials II**
GÜN D., ŞİMŞEK Y.
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Supported Projects

Metrics

Publication: 26
Citation (WoS): 6
Citation (Scopus): 6
H-Index (WoS): 1

H-Index (Scopus): 1