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Education Information

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, Matematik, 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**
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II. **Generating functions for reciprocal Catalan-type sums: approach to linear differentiation equation and (p-adic) integral equations**
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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**
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III. **Relations among trigonometric functions, Apostol-type numbers and Peters-type Simsek polynomials**
GÜN D.
Montes Taurus Journal of Pure and Applied Mathematics, vol.5, no.1, pp.90-101, 2023 (Scopus)

IV. **Combinatorial sums involving Stirling, Fubini, Bernoulli numbers and approximate values of Catalan numbers**
Gün D., ŞİMŞEK Y.
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Refereed Congress / Symposium Publications in Proceedings

I. **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, France, 23 - 27 August 2023, pp.127-134

II. **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

III. **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

IV. **Infinite Series Representations for Certain Classes of Combinatorial Numbers and Polynomials**
GÜN D., ŞİMŞEK Y.
International Symposium on Advanced Engineering Technologies (ISADET), Kahramanmaraş, Turkey, 16 June 2022, pp.385-389

V. **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

VI. **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

VII. **Inequalities and formulas associated with Bernoulli numbers of higher order and special numbers II**
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VIII. **Remarks on exponential Euler spline related to Genocchi numbers and polynomials**
Gün D., Şimşek Y.
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Special Functions & their Applications 22 – 24 December, 2021, Tiruvannamalai, India, 22 - 24 December 2021, pp.1-5

IX. **Formulas Associated with Combinatorial Polynomials and two Parametric Apostol-type Polynomials**
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X. **Formulas associated with combinatorial polynomials and two parametric Apostol-type polynomials II**
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Supported Projects

ŞİMŞEK Y., GÜN D., Project Supported by Higher Education Institutions, B-Spline eğrileri ile Eulerian tipli polinomlar arasındaki ilişkiler ve bunların uygulamaları, 2020 - 2021

Metrics

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