

Doç.Dr. SİBEL KOPARAL

Kişisel Bilgiler

E-posta: sibel.koparal@kocaeli.edu.tr

Web: <https://avesis.kocaeli.edu.tr/sibel.koparal>

Uluslararası Araştırmacı ID'leri

ORCID: 0000-0001-9574-9652

Publons / Web Of Science ResearcherID: F-5788-2018

Yoksis Araştırmacı ID: 34939

Eğitim Bilgileri

Doktora, Kocaeli Üniversitesi, Fen-Edebiyat Fakültesi, Matematik Bölümü, Türkiye 2011 - 2018

Yüksek Lisans, Uludağ Üniversitesi, Fen-Edebiyat Fakültesi, Matematik Bölümü, Türkiye 2009 - 2011

Lisans, Uludağ Üniversitesi, Fen-Edebiyat Fakültesi, Matematik Bölümü, Türkiye 2005 - 2009

Araştırma Alanları

Temel Bilimler

Akademik Unvanlar / Görevler

Araştırma Görevlisi Dr., Kocaeli Üniversitesi, Fen-Edebiyat Fakültesi, Matematik Bölümü, 2011 - Devam Ediyor

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayımlanan Makaleler

- I. **NEW CONGRUENCES WITH THE GENERALIZED CATALAN NUMBERS AND HARMONIC NUMBERS**
Elkhiri L., KOPARAL S., ÖMÜR N.
BULLETIN OF THE KOREAN MATHEMATICAL SOCIETY, cilt.58, sa.5, ss.1079-1095, 2021 (SCI-Expanded)
- II. **On congruences related to trinomial coefficients and harmonic numbers**
ÖMÜR N., KOPARAL S., Elkhiri L.
TURKISH JOURNAL OF MATHEMATICS, cilt.45, sa.4, ss.1592-1604, 2021 (SCI-Expanded)
- III. **Powers Sums of the First and Second Kinds of Chebyshev Polynomials**
Kılıç E., Koparal S., Ömür N.
IRANIAN JOURNAL OF SCIENCE AND TECHNOLOGY TRANSACTION A-SCIENCE, cilt.44, ss.425-435, 2020 (SCI-Expanded)
- IV. **Nonlinear variants of the generalized Filbert and Lilbert matrices**
Kılıç E., Koparal S., Ömür N.
Turkish Journal Of Mathematics, cilt.44, ss.622-642, 2020 (SCI-Expanded)
- V. **New analogues of the Filbert and Lilbert matrices via products of two k-tuples asymmetric entries**
Kilic E., ÖMÜR N., KOPARAL S.
HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, cilt.49, sa.2, ss.684-694, 2020 (SCI-Expanded)
- VI. **On congruences involving special numbers**
Koparal S., Ömür N.

- JOURNAL OF THE RAMANUJAN MATHEMATICAL SOCIETY, cilt.34, ss.151-167, 2019 (SCI-Expanded)
- VII. **New asymmetric generalizations of the Filbert and Lilbert matrices**
Kilic E., Koparal S., Ömür N.
PERIODICA MATHEMATICA HUNGARICA, cilt.78, ss.231-241, 2019 (SCI-Expanded)
- VIII. **ON CONGRUENCES INVOLVING THE GENERALIZED CATALAN NUMBERS AND HARMONIC NUMBERS**
Koparal S., Ömür N.
BULLETIN OF THE KOREAN MATHEMATICAL SOCIETY, cilt.56, ss.649-658, 2019 (SCI-Expanded)
- IX. **Some Permanents of Hessenberg Matrices**
KOPARAL S., Omur N., Sener C. D.
FILOMAT, cilt.33, sa.2, ss.475-481, 2019 (SCI-Expanded)
- X. **On congruences for q-analogues of ballot numbers**
Koparal S.
TURKISH JOURNAL OF MATHEMATICS, cilt.43, ss.2642-2648, 2019 (SCI-Expanded)
- XI. **FORMULAE FOR TWO WEIGHTED BINOMIAL IDENTITIES WITH THE FALLING FACTORIALS**
Kilic E., ÖMÜR N., KOPARAL S.
ARS COMBINATORIA, cilt.138, ss.223-231, 2018 (SCI-Expanded)
- XII. **SOME INTERESTING CONGRUENCES FOR BALLOT NUMBERS**
ÖMÜR N., KOPARAL S.
MISKOLC MATHEMATICAL NOTES, cilt.19, sa.2, ss.1079-1094, 2018 (SCI-Expanded)
- XIII. **On congruences related to central binomial coefficients, harmonic and Lucas numbers**
KOPARAL S., ÖMÜR N.
TURKISH JOURNAL OF MATHEMATICS, cilt.40, sa.5, ss.973-985, 2016 (SCI-Expanded)
- XIV. **SOME CONGRUENCES INVOLVING NUMBERS B (p,k-d)**
ÖMÜR N., KOPARAL S.
UTILITAS MATHEMATICA, cilt.95, ss.307-317, 2014 (SCI-Expanded)

Diğer Dergilerde Yayınlanan Makaleler

- I. **ON SUMS WITH THE.r-DERANGEMENT NUMBERS**
ÖMÜR N., Sudemen K., Koparal S., Duran O.
JOURNAL OF SCIENCE AND ARTS, sa.2, ss.469-480, 2023 (ESCI)
- II. **Identities involving some special numbers and polynomials on p-adic integral**
ÖMÜR N., Koparal S., Duran O., Sudemen K. N.
NOTES ON NUMBER THEORY AND DISCRETE MATHEMATICS, cilt.28, sa.3, ss.564-574, 2022 (ESCI)
- III. **ON BINOMIAL SUMS WITH THE TERMS OF SEQUENCES{g(kn)} AND {h(kn)}**
KOPARAL S., ÖMÜR N., Colak C. D.
FACTA UNIVERSITATIS-SERIES MATHEMATICS AND INFORMATICS, cilt.36, sa.1, ss.31-42, 2021 (ESCI)
- IV. **On identities involving generalized harmonic, hyperharmonic and special numbers with Riordan arrays**
KOPARAL S., ÖMÜR N., Duran O.
SPECIAL MATRICES, cilt.9, sa.1, ss.22-30, 2021 (ESCI)
- V. **On Binomial Sums and Alternating Binomial Sums of Generalized Fibonacci Numbers with Falling Factorials**
KOPARAL S., ÖMÜR N.
MATHEMATICAL SCIENCES AND APPLICATIONS E-NOTES, cilt.8, sa.2, ss.123-129, 2020 (Hakemli Dergi)
- VI. **On hyper-dual generalized Fibonacci numbers**
ÖMÜR N., KOPARAL S.
NOTES ON NUMBER THEORY AND DISCRETE MATHEMATICS, cilt.26, sa.1, ss.191-198, 2020 (ESCI)
- VII. **Some congruences involving Catalan, Pell and Fibonacci numbers**
KOPARAL S., ÖMÜR N.

- Mathematica Montisnigri, cilt.48, ss.10-18, 2020 (Hakemli Dergi)
- VIII. **Some congruences for sums involving harmonic numbers**
KOPARAL S., ÖMÜR N.
Cumhuriyet Science Journal, cilt.39, ss.912-919, 2018 (Hakemli Dergi)
- IX. **ON CONGRUENCES WITH THE TERMS OF THE SECOND ORDER SEQUENCES $\{U-kn\}$ AND $\{V-kn\}$**
KOPARAL S., ÖMÜR N.
HONAM MATHEMATICAL JOURNAL, cilt.40, sa.3, ss.549-559, 2018 (ESCI)
- X. **On the matrices with the generalized hyperharmonic numbers of order r**
ÖMÜR N., KOPARAL S.
ASIAN-EUROPEAN JOURNAL OF MATHEMATICS, cilt.11, sa.3, 2018 (ESCI)
- XI. **ON CERTAIN HESSENBERG MATRICES RELATED WITH LINEAR RECURRENCES**
KOPARAL S., ÖMÜR N., COLAK C. D.
FACTA UNIVERSITATIS-SERIES MATHEMATICS AND INFORMATICS, cilt.33, sa.2, ss.153-162, 2018 (ESCI)
- XII. **Some sums related to the terms of generalized Fibonacci autocorrelation sequences $\{a_{k,n}(t)\}$**
ÖMÜR N., KOPARAL S.
Sakarya Üniversitesi Fen Bilimleri Enstitüsü Dergisi, cilt.21, sa.3, ss.307-313, 2017 (Hakemli Dergi)
- XIII. **ON ALTERNATING WEIGHTED BINOMIAL SUMS WITH FALLING FACTORIALS**
Kilic E., ÖMÜR N., KOPARAL S.
BULLETIN OF MATHEMATICAL ANALYSIS AND APPLICATIONS, cilt.9, sa.1, ss.58-64, 2017 (ESCI)
- XIV. **On some congruences with the terms of second order sequence and harmonic numbers**
ÖMÜR N., KOPARAL S.
Karaelmas Fen ve Mühendislik Dergisi, cilt.7, ss.586-589, 2017 (Hakemli Dergi)
- XV. **Two Variants of the Reciprocal Super Catalan Matrix**
Kilic E., ÖMÜR N., KOPARAL S., Ulutas Y.
KYUNGPOOK MATHEMATICAL JOURNAL, cilt.56, sa.2, ss.409-418, 2016 (ESCI)
- XVI. **Families of Primitive Pythagorean Triples Involving Terms of Generalized Fibonacci and Lucas Sequences**
ÖMÜR N., SENER C. D., KOPARAL S.
JOURNAL OF MATHEMATICAL EXTENSION, cilt.10, sa.4, ss.45-59, 2016 (ESCI)
- XVII. **Some congruences related to harmonic numbers and the terms of the second order sequences**
ÖMÜR N., KOPARAL S.
Mathematica Moravica, cilt.20, ss.23-37, 2016 (Hakemli Dergi)
- XVIII. **On congruences with the terms of second order sequence Q_n**
ÖMÜR N., KOPARAL S.
Journal of Algebra, Number Theory:Advances and Applications, cilt.15, ss.15-39, 2016 (Hakemli Dergi)
- XIX. **A new perspective to the sequences of t order**
ÖMÜR N., KOPARAL S., ŞENER C. D.
International Journal of Computer Applications, cilt.86, ss.29-33, 2014 (Hakemli Dergi)

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **On q -congruences involving q -generalized Catalan numbers**
Gür Z. B., ÖMÜR N., KOPARAL S.
5th International Gap Mathematics-Engineering-Science and HealthSciences Congress, Şanlıurfa, Türkiye, 4 - 06 Aralık 2020
- II. **On Umbral methods and generalized harmonic numbers $H_{(n)}(a)$**
Duran Ö., KOPARAL S., ÖMÜR N.
International Marmara Sciences Congress (Autumn) 2019, Kocaeli, Türkiye, 1 - 03 Kasım 2019, ss.1077-1082
- III. **On generalized hyperharmonic numbers of order r , $H_{\{n\}\{r\}}(a)$ with Riordan Arrays**
Duran Ö., ÖMÜR N., KOPARAL S.

International Marmara Sciences Congress (Autumn) 2019, Kocaeli, Türkiye, 1 - 03 Kasım 2019, ss.1065-1070

- IV. **Congruences related to harmonic, balancing and Lucas-balancing numbers II**
KOPARAL S., ÖMÜR N.
2. Uluslararası GAP Matematik - Mühendislik - Fen ve Sağlık Bilimleri, Adıyaman, Türkiye, 21 - 23 Haziran 2019
- V. **Congruences related to harmonic, balancing and Lucas-balancing numbers I**
KOPARAL S., ÖMÜR N.
2. Uluslararası GAP Matematik - Mühendislik - Fen ve Sağlık Bilimleri, Adıyaman, Türkiye, 21 - 23 Haziran 2019
- VI. **On congruences with q - binomial coefficients**
KOPARAL S., ÖMÜR N.
International Eurasian Conference on Science, Engineering and Technology, 22 - 23 Kasım 2018
- VII. **On matrices with q – analog of the generalized hyperharmonic numbers $H_{nr}(a)$ of order r**
ÖMÜR N., KOPARAL S., ÇOLAK C. D.
International Eurasian Conference on Science, Engineering and Technology, 22 - 23 Kasım 2018
- VIII. **Some congruences for sums involving Catalan numbers**
KOPARAL S., ÖMÜR N.
ULUSLARARASI HAKEMLİ GAP ZİRVESİ 1. Uluslararası GAP Matematik -Mühendislik - Fen ve Sağlık Bilimleri, 4 - 07 Ekim 2018, ss.420-426
- IX. **Some applications for special sequence involving binomial sums**
ÖMÜR N., KOPARAL S.
ULUSLARARASI HAKEMLİ GAP ZİRVESİ 1. Uluslararası GAP Matematik -Mühendislik - Fen ve Sağlık Bilimleri, 4 - 07 Ekim 2018, ss.412-419
- X. **On hyper-dual generalized Fibonacci numbers**
ÖMÜR N., KOPARAL S.
BMS Mathematical Conference, 12 - 14 Temmuz 2018
- XI. **Some congruences for Ballot numbers**
KOPARAL S., ÖMÜR N.
BMS Mathematical Conference, 12 - 14 Temmuz 2018
- XII. **On congruences for sums involving harmonic numbers**
KOPARAL S., ÖMÜR N.
1st International Conference on Mathematical and Related Science, 30 Nisan - 04 Mayıs 2018
- XIII. **On alternating weighted binomial sums with falling factorials**
KOPARAL S., KILIÇ E., ÖMÜR N.
1st International Conference on Mathematical and Related Science, 30 Nisan - 04 Mayıs 2018
- XIV. **On Congruences with the terms of second order sequences $\{U_{kn}\}$ and $\{V_{kn}\}$**
KOPARAL S., ÖMÜR N.
4th International Conference on Pure and Applied Sciences: Renewable Energies, İstanbul, Türkiye, 23 - 25 Kasım 2017
- XV. **On identities for sequences of binomial sums with terms of sequences $\{g_{kn}\}$ and $\{h_{kn}\}$**
ÖMÜR N., KOPARAL S., ÇOLAK D. C.
4th International Conference on Pure and Applied Sciences: Renewable Energies, İstanbul, Türkiye, 23 - 25 Kasım 2017
- XVI. **New generalizations of the Filbert and Lilbert matrices**
ÖMÜR N., KILIÇ E., KOPARAL S.
Caucasian Mathematics Conference II, Van, Türkiye, 22 - 24 Ağustos 2017
- XVII. **Two asymmetric generalizations of the Filbert matrix**
KOPARAL S., KILIÇ E., ÖMÜR N.
Caucasian Mathematics Conferences CMC II, Van, Türkiye, 22 - 24 Ağustos 2017
- XVIII. **Formulae for two weighted binomial identities with the falling factorials**
KOPARAL S., ÖMÜR N., KILIÇ E.
6th International Eurasian Conference on Mathematical Sciences and Applications, Budapest, Macaristan, 15 - 18 Ağustos 2017

- XIX. **Some permanents of Hessenberg matrices**
KOPARAL S., ÖMÜR N.
4th International Conference on Recent Advances in Pure and Applied Mathematics, İzmir, Türkiye, 11 - 15 Mayıs 2017
- XX. **On congruences involving special numbers**
KOPARAL S., ÖMÜR N.
International Conference on Mathematics and Engineering, İstanbul, Türkiye, 10 - 12 Mayıs 2017
- XXI. **Some congruences with balancing and Lucas balancing numbers**
KOPARAL S.
The 12th International Conference on Approximation Theory and its Applications, Sibiu, Romanya, 26 - 29 Mayıs 2016
- XXII. **On some congruences**
KOPARAL S., ÖMÜR N.
International Conference on Recent Advances in Pure and Applied Mathematics, Muğla, Türkiye, 19 - 23 Mayıs 2016
- XXIII. **On congruences with the terms of second order sequence and harmonic numbers**
KOPARAL S., ÖMÜR N.
4th International Eurasian Conference on Mathematical Sciences and Applications(IECMSA-2015), 31 Ağustos - 03 Eylül 2015
- XXIV. **On congruences related to central binomial coefficients Harmonic and Lucas numbers**
KOPARAL S., ÖMÜR N.
Lebanese International Conference on Mathematics and Applications, Beirut, 26 - 29 Mayıs 2015
- XXV. **On congruences with the terms of the sequences $\{U_{kn}\}$ and $\{V_{kn}\}$**
ÖMÜR N., KOPARAL S.
Lebanese International Conference on Mathematics and Applications, 26 - 29 Mayıs 2015
- XXVI. **Congruences on harmonic numbers and second order sequences**
ÖMÜR N., KOPARAL S.
International Conference on Algebra and Number Theory, 5 - 08 Ağustos 2014
- XXVII. **Applications of generalized Fibonacci autocorrelation sequences $\{\Gamma_{k,n}(\tau)\}_{\tau}^{\infty}$**
ÖMÜR N., KOPARAL S.
International Congress In Honour Of Professor Ravi P. Agarwal, 23 - 26 Haziran 2014
- XXVIII. **$B_{p,k}^d$ sayılarını içeren bazı kongrüanslar**
KOPARAL S., ÖMÜR N.
XXVI. Ulusal Matematik Sempozyumu, Türkiye, 4 - 07 Eylül 2013

Metrikler

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H-İndeks (Scopus): 4