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Kişisel Bilgiler

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

Yoksis Araştırmacı ID: 34939

Eğitim Bilgileri

Doktora, Kocaeli Üniversitesi, Fen Bilimleri Enstitüsü, Türkiye 2011 - 2018

Yüksek Lisans, Bursa Uludağ Üniversitesi, FEN-EDEBİYAT FAKÜLTESİ, MATEMATİK, Türkiye 2009 - 2011

Lisans, Bursa Uludağ Üniversitesi, FEN-EDEBİYAT FAKÜLTESİ, MATEMATİK, Türkiye 2005 - 2009

Yabancı Diller

İngilizce, B2 Orta Üstü

Araştırma Alanları

Matematik

Akademik Unvanlar / Görevler

Doç. Dr., Bursa Uludağ Üniversitesi, FEN-EDEBİYAT FAKÜLTESİ, MATEMATİK, 2022 - Devam Ediyor

Dr. Öğr. Üyesi, Bursa Uludağ Üniversitesi, FEN-EDEBİYAT FAKÜLTESİ, MATEMATİK, 2021 - 2022

Verdiği Dersler

TEMEL MATEMATİK II, Lisans, 2021 - 2022

TEMEL MATEMATİK II, Lisans, 2021 - 2022

LİNEER CEBİR, Lisans, 2021 - 2022

TEMEL MATEMATİK II, Lisans, 2021 - 2022

LİNEER CEBİR, Lisans, 2021 - 2022

Matematik II, Lisans, 2021 - 2022

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **On three-dimensional q -Riordan arrays**
Fang G., KOPARAL S., ÖMÜR N., Duran O., Khan W. A.
DEMONSTRATIO MATHEMATICA, sa.1, 2024 (SCI-Expanded)
- II. **Congruences with q -harmonic numbers and q -binomial coefficients**
Elkhiri L., Koparal S., ÖMÜR N.
INDIAN JOURNAL OF PURE & APPLIED MATHEMATICS, cilt.55, sa.2, ss.639-648, 2024 (SCI-Expanded)
- III. **q -Analog of $H_{n,m}(\sigma)$ and Their Applications**
Guan H., KOPARAL S., ÖMÜR N., Khan W. A.
MATHEMATICS, cilt.11, sa.19, 2023 (SCI-Expanded)
- IV. **Some Identities with Multi-Generalized q -Hyperharmonic Numbers of Order r**
Chen Z., ÖMÜR N., KOPARAL S., Khan W. A.
Symmetry, cilt.15, sa.4, 2023 (SCI-Expanded)
- V. **Some congruences with q -binomial sums**
ÖMÜR N., GÜR Z. B., KOPARAL S., ELKHİRİ L.
Turkish Journal of Mathematics, cilt.47, sa.7, ss.2006-2027, 2023 (SCI-Expanded)
- VI. **Some congruences with q -binomial coefficients and q -harmonic numbers**
KOPARAL S., ÖMÜR N., Elkhiri L.
Hacettepe Journal of Mathematics and Statistics, cilt.52, sa.2, ss.445-458, 2023 (SCI-Expanded)
- VII. **On Congruences with Binomial Coefficients and Harmonic Numbers**
KOPARAL S., Elkhiri L., ÖMÜR N.
FILOMAT, cilt.36, sa.3, ss.951-960, 2022 (SCI-Expanded)
- VIII. **Congruences with q -generalized Catalan numbers and q -harmonic numbers**
ÖMÜR N., Gur Z. B., KOPARAL S.
HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, cilt.51, sa.3, ss.712-724, 2022 (SCI-Expanded)
- IX. **SOME IDENTITIES FOR DERANGEMENT NUMBERS**
KOPARAL S., ÖMÜR N., Sudemen K. N.
Miskolc Mathematical Notes, cilt.23, sa.2, ss.773-785, 2022 (SCI-Expanded)
- X. **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)
- XI. **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)
- XII. **Powers Sums of the First and Second Kinds of Chebyshev Polynomials**
Kilic E., KOPARAL S., ÖMÜR N.
IRANIAN JOURNAL OF SCIENCE AND TECHNOLOGY TRANSACTION A-SCIENCE, cilt.44, sa.2, ss.425-435, 2020 (SCI-Expanded)
- XIII. **Some applications on q -analog of the generalized hyperharmonic numbers of order r , $H_n(r)$ (α)**
KOPARAL S., ÖMÜR N., Colak C. D.
HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, cilt.49, sa.6, ss.2094-2103, 2020 (SCI-Expanded)
- XIV. **Nonlinear variants of the generalized Filbert and Lilbert matrices**
Kilic E., KOPARAL S., ÖMÜR N.
TURKISH JOURNAL OF MATHEMATICS, cilt.44, sa.3, ss.622-642, 2020 (SCI-Expanded)
- XV. **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)
- XVI. **ON SUMS WITH GENERALIZED HARMONIC, HYPERHARMONIC AND SPECIAL NUMBERS**
Duran O., ÖMÜR N., KOPARAL S.
MISKOLC MATHEMATICAL NOTES, cilt.21, sa.2, ss.791-803, 2020 (SCI-Expanded)
- XVII. **New asymmetric generalizations of the Filbert and Lilbert matrices**

- Kilic E., KOPARAL S., ÖMÜR N.
 PERIODICA MATHEMATICA HUNGARICA, cilt.78, sa.2, ss.231-241, 2019 (SCI-Expanded)
- XVIII. **On congruences involving special numbers**
 KOPARAL S., ÖMÜR N.
 JOURNAL OF THE RAMANUJAN MATHEMATICAL SOCIETY, cilt.34, sa.2, ss.151-167, 2019 (SCI-Expanded)
- XIX. **ON CONGRUENCES INVOLVING THE GENERALIZED CATALAN NUMBERS AND HARMONIC NUMBERS**
 KOPARAL S., ÖMÜR N.
 BULLETIN OF THE KOREAN MATHEMATICAL SOCIETY, cilt.56, sa.3, ss.649-658, 2019 (SCI-Expanded)
- XX. **On congruences for q-analogues of ballot numbers**
 KOPARAL S.
 TURKISH JOURNAL OF MATHEMATICS, cilt.43, sa.5, ss.2642-2648, 2019 (SCI-Expanded)
- XXI. **Some Permanents of Hessenberg Matrices**
 KOPARAL S., Omur N., Sener C. D.
 FILOMAT, cilt.33, sa.2, ss.475-481, 2019 (SCI-Expanded)
- XXII. **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)
- XXIII. **SOME INTERESTING CONGRUENCES FOR BALLOT NUMBERS**
 ÖMÜR N., KOPARAL S.
 MISKOLC MATHEMATICAL NOTES, cilt.19, sa.2, ss.1079-1094, 2018 (SCI-Expanded)
- XXIV. **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)
- XXV. **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. **SOME SUMS VIA EULER'S TRANSFORM**
 ÖMÜR N., KOPARAL S., Elkhiri L.
 HONAM MATHEMATICAL JOURNAL, sa.3, ss.365-377, 2024 (ESCI)
- II. **Some Sums Involving Generalized Harmonic and r-Derangement Numbers**
 koparal s.
 Cumhuriyet Science Journal, cilt.45, sa.1, ss.111-116, 2024 (Hakemli Dergi)
- III. **BINOMIAL SUMS WITH HARMONIC AND FIBONACCI NUMBERS**
 Duran O., ÖMÜR N., KOPARAL S.
 JOURNAL OF SCIENCE AND ARTS, sa.2, ss.389-398, 2024 (ESCI)
- IV. **GENERALIZED DEGENERATE HARMONIC NUMBERS AND THEIR APPLICATIONS WITH RIORDAN ARRAYS**
 Duran Ö., ÖMÜR N., KOPARAL S.
 Integers, cilt.24, 2024 (Scopus)
- V. **Some Properties Involving The Generalized Harmonic Polynomials**
 ÖMÜR N., KOPARAL S., Duran O.
 APPLIED MATHEMATICS E-NOTES, ss.97-104, 2024 (ESCI)
- VI. **On sums with generalized harmonic numbers via Euler's transform**
 ÖMÜR N., KOPARAL S., Elkhiri L.
 NOTES ON NUMBER THEORY AND DISCRETE MATHEMATICS, cilt.29, sa.4, ss.695-704, 2023 (ESCI)
- VII. **On generalized hyperharmonic numbers of order r, Hr n,m (σ)**
 KOPARAL S., ÖMÜR N., Elkhiri L.

NOTES ON NUMBER THEORY AND DISCRETE MATHEMATICS, cilt.29, sa.4, ss.804-812, 2023 (ESCI)

- VIII. **On sums with the r -derangement numbers**
ÖMÜR N., Südemen K. N., KOPARAL S., Duran Ö.
JOURNAL OF SCIENCE AND ARTS, cilt.23, sa.2, ss.469-480, 2023 (ESCI)
- IX. **Some Identities with Special Numbers**
ÖMÜR N., Südemen K. N., KOPARAL S.
CUMHURİYET SCIENCE JOURNAL, cilt.43, sa.4, ss.696-702, 2022 (Hakemli Dergi)
- X. **Applications of degenerate q -Euler and q -Changhee polynomials with weight α**
Duran Ö., KOPARAL S., ÖMÜR N.
Acta et Commentationes Universitatis Tartuensis de Mathematica, cilt.26, sa.2, ss.253-264, 2022 (ESCI)
- XI. **Sums involving generalized harmonic and Daehee numbers**
ÖMÜR N., KOPARAL S.
Notes on Number Theory and Discrete Mathematics, cilt.28, sa.1, ss.92-99, 2022 (ESCI)
- XII. **A Q -ANALOGUE OF GRANVILLE'S CONGRUENCE**
Elkhiri L., ÖMÜR N., KOPARAL S.
Integers, cilt.22, 2022 (Scopus)
- XIII. **Identities involving some special numbers and polynomials on p -adic integral**
ÖMÜR N., KOPARAL S., Duran Ö., Südemen K. N.
NOTES ON NUMBER THEORY AND DISCRETE MATHEMATICS, cilt.28, sa.3, ss.564-574, 2022 (ESCI)
- XIV. **On binomial sums with the terms of sequences $\{g_{kn}\}$ and $\{h_{kn}\}$**
KOPARAL S., ÖMÜR N., Çolak C. D.
Facta Universitatis Series: Mathematics and Informatics, cilt.36, sa.1, ss.31-42, 2021 (ESCI)
- XV. **On identities involving generalized harmonic, hyperharmonic and special numbers with Riordan arrays**
KOPARAL S., ÖMÜR N., Duran Ö.
Special Matrices, cilt.9, ss.22-30, 2021 (ESCI)
- XVI. **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)
- XVII. **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)
- XVIII. **Some congruences involving Catalan, Pell and Fibonacci numbers**
KOPARAL S., ÖMÜR N.
Mathematica Montisnigri, cilt.48, ss.10-18, 2020 (Hakemli Dergi)
- XIX. **Some congruences for sums involving harmonic numbers**
KOPARAL S., ÖMÜR N.
Cumhuriyet Science Journal, cilt.39, sa.4, ss.912-919, 2018 (Hakemli Dergi)
- XX. **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)
- XXI. **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)
- XXII. **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)
- XXIII. **On some congruences with the terms of second order sequence and harmonic numbers**
ÖMÜR N., KOPARAL S.
Karaelmas Fen ve Mühendislik Dergisi, cilt.7, sa.2, ss.586-589, 2017 (Hakemli Dergi)

- XXIV. **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)
- XXV. **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)
- XXVI. **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, sa.1, ss.15-39, 2016 (Hakemli Dergi)
- XXVII. **Two variants of the reciprocal Super Catalan matrix**
 KILIÇ E., ÖMÜR N., KOPARAL S., TÜRKER ULUTAŞ Y.
 Kyungpook Mathematical Journal, cilt.56, ss.409-418, 2016 (ESCI)
- XXVIII. **Some congruences related to harmonic numbers and the terms of the second order sequences**
 ÖMÜR N., KOPARAL S.
 Mathematica Moravica, cilt.20, sa.2, ss.23-37, 2016 (Hakemli Dergi)
- XXIX. **Families of primitive Pythagorean triples involving terms of generalized Fibonacci and Lucas sequences**
 ÖMÜR N., ŞENER C. D., KOPARAL S.
 Journal of Mathematical Extension, cilt.10, sa.4, ss.45-59, 2016 (ESCI)
- XXX. **A new perspective to the sequences of t order**
 ÖMÜR N., KOPARAL S., ŞENER C. D.
 International Journal of Computer Applications, cilt.86, sa.6, ss.29-33, 2014 (Hakemli Dergi)

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **On Identities with r-Derangement Numbers**
 Duran Ö., ÖMÜR N., KOPARAL S., Südemen K. N.
 5th International Conference on Life and Engineering Sciences, Antalya, Türkiye, 22 Mayıs 2022
- II. **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
- 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. **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
- 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. **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
- VII. **On congruences with q - binomial coefficients**
 KOPARAL S., ÖMÜR N.
 International Eurasian Conference on Science, Engineering and Technology, 22 - 23 Kasım 2018
- VIII. **On matrices with q - analog of the generalized hyperharmonic numbers of order r, $H_{n\{r\}}$ (a)**
 Çolak C. D., ÖMÜR N., KOPARAL S.
 International Eurasian Conference on Science, Engineering and Technology, 22 - 23 Kasım 2018

- IX. **Some applications for special sequence involving binomial sums**
ÖMÜR N., KOPARAL S.
1. Uluslararası GAP Matematik -Mühendislik - Fen ve Sağlık Bilimleri Kongresi, Şanlıurfa, Türkiye, 4 - 07 Ekim 2018, ss.412-419
- X. **Some congruences for sums involving Catalan numbers**
KOPARAL S., ÖMÜR N.
1. Uluslararası GAP Matematik -Mühendislik - Fen ve Sağlık Bilimleri Kongresi, Şanlıurfa, Türkiye, 4 - 07 Ekim 2018, ss.420-426
- XI. **On hyper-dual generalized Fibonacci numbers**
ÖMÜR N., KOPARAL S.
BMS Mathematical Conference, 12 - 14 Temmuz 2018
- XII. **Some congruences for Ballot numbers**
KOPARAL S., ÖMÜR N.
BMS Mathematical Conference, 12 - 14 Temmuz 2018
- XIII. **On alternating weighted binomial sums with falling factorials**
KOPARAL S., KILIÇ E., ÖMÜR N.
1st International Conference on Mathematical and Related Sciences, 30 Nisan - 04 Mayıs 2018
- XIV. **On congruences for sums involving harmonic numbers**
KOPARAL S., ÖMÜR N.
1st International Conference on Mathematical and Related Sciences, 30 Nisan - 04 Mayıs 2018
- 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 Energy, İstanbul, Türkiye, 23 - 25 Kasım 2017
- XVI. **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
- XVII. **New generalizations of the Filbert and Lilbert matrices**
ÖMÜR N., KILIÇ E., KOPARAL S.
Caucasian Mathematics Conference II, Van, Türkiye, 22 - 24 Ağustos 2017
- XVIII. **Two asymmetric generalizations of the Filbert matrix**
KOPARAL S., KILIÇ E., ÖMÜR N.
Caucasian Mathematics Conferences CMC II, Van, Türkiye, 22 - 24 Ağustos 2017
- XIX. **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
- XX. **Some permanents of Hessenberg matrices**
KOPARAL S., ÖMÜR N., Çolak C. D.
4th International Conference on Recent Advances in Pure and Applied Mathematics, İzmir, Türkiye, 11 - 15 Mayıs 2017
- XXI. **On congruences involving special numbers**
KOPARAL S., ÖMÜR N.
International Conference on Mathematics and Engineering, İstanbul, Türkiye, 10 - 12 Mayıs 2017
- XXII. **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
- XXIII. **On some congruences**
KOPARAL S., ÖMÜR N.

3rd International Conference on Recent Advances in Pure and Applied Mathematics, Muğla, Türkiye, 19 - 23 Mayıs 2016

XXIV. 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

XXV. On congruences related to central binomial coefficients, harmonic and Lucas numbers

KOPARAL S., ÖMÜR N.

Lebanese International Conference on Mathematics and Applications, 26 - 29 Mayıs 2015

XXVI. 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

XXVII. Congruences on harmonic numbers and second order sequences

KOPARAL S., ÖMÜR N.

International Conference on Algebra and Number Theory, 5 - 08 Ağustos 2014

XXVIII. Applications of generalized Fibonacci autocorrelation sequences $\{\Gamma_{k,n}(t)\}_{t\{\infty\}}$

KOPARAL S., ÖMÜR N.

International Congress In Honour Of Professor Ravi P. Agarwal, 23 - 26 Haziran 2014

XXIX. $B_{p,k}^d$ sayılarını içeren bazı kongrüanslar

KOPARAL S., ÖMÜR N.

XXVI. Ulusal Matematik Sempozyumu, Türkiye, 4 - 07 Eylül 2013

Metrikler

Yayın: 84

Atıf (WoS): 18

Atıf (Scopus): 13

H-İndeks (WoS): 2

H-İndeks (Scopus): 2