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Kişisel Bilgiler

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Eğitim Bilgileri

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

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

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

Yabancı Diller

İngilizce, B2 Orta Üstü

Araştırma Alanları

Matematik

Akademik Unvanlar / Görevler

Dr.Öğr.Üyesi, Bursa Uludağ Üniversitesi, Fen-Edebiyat Fakültesi, Matematik, 2021 - Devam Ediyor

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayımlanan Makaleler

- I. **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 İndekslerine Giren Dergi)
- II. **On Congruences with Binomial Coefficients and Harmonic Numbers**
KOPARAL S., Elkhiri L., ÖMÜR N.
FILOMAT, cilt.36, sa.3, ss.951-960, 2022 (SCI İndekslerine Giren Dergi)
- III. **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 İndekslerine Giren Dergi)
- IV. **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 İndekslerine Giren Dergi)
- V. **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 İndekslerine Giren Dergi)

- VI. **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 İndekslerine Giren Dergi)
- VII. **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 İndekslerine Giren Dergi)
- VIII. **Some applications on q-analog of the generalized hyperharmonic numbers of order r, H-n(r) (alpha)**
KOPARAL S., ÖMÜR N., Colak C. D.
HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, cilt.49, sa.6, ss.2094-2103, 2020 (SCI İndekslerine Giren Dergi)
- IX. **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 İndekslerine Giren Dergi)
- X. **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 İndekslerine Giren Dergi)
- XI. **On congruences involving special numbers**
KOPARAL S., ÖMÜR N.
JOURNAL OF THE RAMANUJAN MATHEMATICAL SOCIETY, cilt.34, sa.2, ss.151-167, 2019 (SCI İndekslerine Giren Dergi)
- XII. **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 İndekslerine Giren Dergi)
- XIII. **On congruences for q-analogues of ballot numbers**
KOPARAL S.
TURKISH JOURNAL OF MATHEMATICS, cilt.43, sa.5, ss.2642-2648, 2019 (SCI İndekslerine Giren Dergi)
- XIV. **Some Permanents of Hessenberg Matrices**
KOPARAL S., Omur N., Sener C. D.
FILOMAT, cilt.33, sa.2, ss.475-481, 2019 (SCI İndekslerine Giren Dergi)
- XV. **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 İndekslerine Giren Dergi)
- XVI. **SOME INTERESTING CONGRUENCES FOR BALLOT NUMBERS**
ÖMÜR N., KOPARAL S.
MISKOLC MATHEMATICAL NOTES, cilt.19, sa.2, ss.1079-1094, 2018 (SCI İndekslerine Giren Dergi)
- XVII. **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 İndekslerine Giren Dergi)
- XVIII. **SOME CONGRUENCES INVOLVING NUMBERS B (p,k-d)**
ÖMÜR N., KOPARAL S.
UTILITAS MATHEMATICA, cilt.95, ss.307-317, 2014 (SCI İndekslerine Giren Dergi)

Diğer Dergilerde Yayınlanan Makaleler

- I. **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 İndekslerine Giren Dergi)

- II. **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 İndekslerine Giren Dergi)
- III. **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 İndekslerine Giren Dergi)
- IV. **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 (Diğer Kurumların Hakemli Dergileri)
- V. **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 İndekslerine Giren Dergi)
- VI. **Some congruences involving Catalan, Pell and Fibonacci numbers**
KOPARAL S., ÖMÜR N.
Mathematica Montisnigri, cilt.48, ss.10-18, 2020 (ESCI İndekslerine Giren Dergi)
- VII. **Some congruences for sums involving harmonic numbers**
KOPARAL S., ÖMÜR N.
Cumhuriyet Science Journal, cilt.39, sa.4, ss.912-919, 2018 (Diğer Kurumların Hakemli Dergileri)
- VIII. **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 İndekslerine Giren Dergi)
- IX. **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 İndekslerine Giren Dergi)
- X. **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 İndekslerine Giren Dergi)
- XI. **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 (Diğer Kurumların Hakemli Dergileri)
- 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 (Diğer Kurumların Hakemli Dergileri)
- 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 İndekslerine Giren Dergi)
- XIV. **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 (Diğer Kurumların Hakemli Dergileri)
- XV. **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 İndekslerine Giren Dergi)

- XVI. **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 (Diğer Kurumların Hakemli Dergileri)
- XVII. **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 İndekslerine Giren Dergi)
- XVIII. **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 (Diğer Kurumların Hakemli Dergileri)

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 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
- III. **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
- IV. **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
- V. **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
- VI. **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
- VII. **On congruences with q - binomial coefficients**
 KOPARAL S., ÖMÜR N.
 International Eurasian Conference on Science, Engineering and Technology, 22 - 23 Kasım 2018
- VIII. **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
- 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. **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 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

XIII. **On congruences for sums involving harmonic numbers**

KOPARAL S., ÖMÜR N.

1st International Conference on Mathematical and Related Sciences, 30 Nisan - 04 Mayıs 2018

XIV. **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

XV. **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

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., Çolak C. D.

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.

3rd 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, 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**

KOPARAL S., ÖMÜR N.

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

XXVII. **Applications of generalized Fibonacci autocorrelation sequences $\{\Gamma_{k,n}(t)\}_{t \in \mathbb{N}}$**

KOPARAL S., ÖMÜR N.

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

Atıflar

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