

Kişisel Bilgiler

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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

Akademik Unvanlar / Görevler

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

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- **Powers Sums of the First and Second Kinds of Chebyshev Polynomials**
KILIÇ E., KOPARAL S., ÖMÜR N.
IRANIAN JOURNAL OF SCIENCE AND TECHNOLOGY TRANSACTION A-SCIENCE, cilt.44, ss.425-435, 2020
(SCI İndekslerine Giren Dergi)
- **New asymmetric generalizations of the Filbert and Lilbert matrices**
Kilic E., KOPARAL S., ÖMÜR N.
PERIODICA MATHEMATICA HUNGARICA, cilt.78, no.2, ss.231-241, 2019 (SCI İndekslerine Giren Dergi)
- **On congruences involving special numbers**
KOPARAL S., ÖMÜR N.
JOURNAL OF THE RAMANUJAN MATHEMATICAL SOCIETY, cilt.34, ss.151-167, 2019 (SCI İndekslerine Giren Dergi)
- **ON CONGRUENCES INVOLVING THE GENERALIZED CATALAN NUMBERS AND HARMONIC NUMBERS**
KOPARAL S., ÖMÜR N.
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- **Some Permanents of Hessenberg Matrices**
KOPARAL S., Omur N., Sener C. D.
FILOMAT, cilt.33, ss.475-481, 2019 (SCI İndekslerine Giren Dergi)
- **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)
- **SOME INTERESTING CONGRUENCES FOR BALLOT NUMBERS**
ÖMÜR N., KOPARAL S.
MISKOLC MATHEMATICAL NOTES, cilt.19, ss.1079-1094, 2018 (SCI İndekslerine Giren Dergi)
- **On congruences related to central binomial coefficients, harmonic and Lucas numbers**
KOPARAL S., ÖMÜR N.
TURKISH JOURNAL OF MATHEMATICS, cilt.40, ss.973-985, 2016 (SCI İndekslerine Giren Dergi)
- **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

- **On hyper-dual generalized Fibonacci numbers**
ÖMÜR N., KOPARAL S.
NOTES ON NUMBER THEORY AND DISCRETE MATHEMATICS, cilt.26, ss.191-198, 2020 (ESCI İndekslerine Giren Dergi)
- **Some congruences for sums involving harmonic numbers**
KOPARAL S., ÖMÜR N.
Cumhuriyet Science Journal, cilt.39, ss.912-919, 2018
- **ON CONGRUENCES WITH THE TERMS OF THE SECOND ORDER SEQUENCES $\{U_{kn}\}$ AND $\{V_{kn}\}$**
KOPARAL S., ÖMÜR N.
HONAM MATHEMATICAL JOURNAL, cilt.40, ss.549-559, 2018 (ESCI İndekslerine Giren Dergi)
- **On congruences with the terms of the second order sequences U_{kn} and V_{kn}**
KOPARAL S., ÖMÜR N.
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- **On the matrices with the generalized hyperharmonic numbers of order r**
ÖMÜR N., KOPARAL S.
ASIAN-EUROPEAN JOURNAL OF MATHEMATICS, cilt.11, 2018 (ESCI İndekslerine Giren Dergi)
- **ON CERTAIN HESSENBERG MATRICES RELATED WITH LINEAR RECURRENCES**
KOPARAL S., ÖMÜR N., COLAK C. D.
FACTA UNIVERSITATIS-SERIES MATHEMATICS AND INFORMATICS, cilt.33, ss.153-162, 2018 (ESCI İndekslerine Giren Dergi)
- **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
- **$\{a-k, n(t)\}$ genelleştirilmiş Fibonacci otokorelasyon dizilerinin terimlerini içeren bazı bağıntılar**
ÖMÜR N., KOPARAL S.
SAÜ Fen Bilimleri Dergisi, cilt.21, ss.307-313, 2017 (Diğer Kurumların Hakemli Dergileri)
- **ON ALTERNATING WEIGHTED BINOMIAL SUMS WITH FALLING FACTORIALS**
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BULLETIN OF MATHEMATICAL ANALYSIS AND APPLICATIONS, cilt.9, ss.58-64, 2017 (ESCI İndekslerine Giren Dergi)
- **$\{a-k, n(t)\}$ genelleştirilmiş Fibonacci otokorelasyon dizilerinin terimlerini içeren bazı bağıntılar**
ÖMÜR N., KOPARAL S.
SAÜ Fen Bilimleri Dergisi, cilt.21, ss.307-313, 2017
- **Two Variants of the Reciprocal Super Catalan Matrix**
Kilic E., ÖMÜR N., KOPARAL S., Ulutas Y. T.
KYUNGPOOK MATHEMATICAL JOURNAL, cilt.56, ss.409-418, 2016 (ESCI İndekslerine Giren Dergi)
- **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
- **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, ss.45-59, 2016 (ESCI İndekslerine Giren Dergi)
- **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
- **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 Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- **Congruences related to Harmonik, Balancing and Lucas-Balancing numbers I**

KOPARAL S., ÖMÜR N.

2. Uluslararası Gap Matematik-Mühendislik-Fen ve Sağlık Bilimleri Kongresi, Adıyaman, Türkiye, 21 - 23 Haziran 2019

• **Congruences related to Harmonik, Balancing and Lucas-Balancing numbers II**

KOPARAL S., ÖMÜR N.

2. Uluslararası Gap Matematik-Mühendislik-Fen ve Sağlık Bilimleri Kongresi, Adıyaman, Türkiye, 21 - 23 Haziran 2019

• **On matrices with q – analog of the generalized hyperharmonic numbers of order r**

ÖMÜR N., KOPARAL S., ÇOLAK D.

International Eurasian Conference on Science, Engineering and Technology, 22 - 23 November 2018

• **On congruences with q - binomial coefficients**

KOPARAL S., ÖMÜR N.

International Eurasian Conference on Science, Engineering and Technology, 22 - 23 November 2018

• **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 November 2018

• **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 October 2018, ss.412-419

• **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 October 2018, ss.420-426

• **Some congruences for Bollat numbers**

KOPARAL S., ÖMÜR N.

BMS Mathematical Conference, 12 - 14 Temmuz 2018

• **On hyper-dual generalized Fibonacci numbers**

ÖMÜR N., KOPARAL S.

BMS Mathematical Conference, 12 - 14 Temmuz 2018

• **On congruences for sums involving harmonic numbers**

KOPARAL S., ÖMÜR N.

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

• **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

• **On identities for binomial sums with terms of sequences $\{g_{kn}\}$ and $\{h_{kn}\}$**

ÖMÜR N., KOPARAL S., ÇOLAK C. D.

The 4th International Conference on Pure and Applied Sciences, İstanbul, Türkiye, 23 - 25 November 2017

• **On Congruences with Terms of The Second Order Sequences and**

KOPARAL S., ÖMÜR N.

The 4th International Conference on Pure and Applied Sciences, İstanbul, Türkiye, 23 - 25 November 2017

• **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 November 2017

• **New Generalization of the Filbert and Lilbert matrices**

ÖMÜR N., KILIÇ E., KOPARAL S.

Caucasian Mathematics Conferences CMC II, Van, Türkiye, 22 Ağustos 2017

• **New generalizations of the Filbert and Lilbert matrices**

ÖMÜR N., KILIÇ E., KOPARAL S.

Caucasian Mathematics Conference II, Van, Türkiye, 22 - 24 August 2017

• **Two asymmetric generalizations of the Filbert matrix**

KOPARAL S., KILIÇ E., ÖMÜR N.

Caucasian Mathematics Conferences CMC II, Van, Türkiye, 22 - 24 August 2017

- **Formula for two weighted binomial identities with the falling factorials**

KOPARAL S., ÖMÜR N., KILIÇ E.

6th International Eurasian Conference on Mathematical Sciences and Applications IECMSA, Budapest, Macaristan, 15 - 18 Ağustos 2017

- **Some permanents of Hessenberg matrices**

KOPARAL S., ÖMÜR N.

4th International Conference on Recent Advances in Pure and Applied Mathematics, İzmir, Türkiye, 11 - 15 May 2017

- **On congruences involving special numbers**

KOPARAL S., ÖMÜR N.

International Conference on Mathematics and Engineering, İstanbul, Türkiye, 10 - 12 May 2017

- **Some congruences with balancing and Lucas balancing numbers**

KOPARAL S.

The 12th International Conference on Approximation Theory and its Applications, Sibiu, Romanya, 26 - 29 May 2016

- **On some congruences**

KOPARAL S., ÖMÜR N.

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

- **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

- **On congruences with the terms of the sequences U_{kn} and V_{kn}**

ÖMÜR N., KOPARAL S.

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

- **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

- **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 May 2015

- **Congruences on harmonic numbers and second order sequences**

ÖMÜR N., KOPARAL S.

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

- **Applications of generalized Fibonacci autocorrelation**

ÖMÜR N., KOPARAL S.

International Congress In Honour Of Professor Ravi P. Agarwa, 23 - 25 July 2014

- **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 June 2014

- **$B_{p,k,d}$ sayılarını içeren bazı kongrüanslar**

KOPARAL S., ÖMÜR N.

XXVI. Ulusal Matematik Sempozyumu, Diyarbakır, Türkiye, 4 - 07 September 2013

- **$B_{p,k,d}$ sayılarını içeren bazı kongrüanslar**

KOPARAL S., ÖMÜR N.

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

Atıflar

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