

## Personal Information

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## Education Information

Doctorate, Kocaeli Üniversitesi, Fen-Edebiyat Fakültesi, Matematik Bölümü, Turkey 2011 - 2018

Post Graduate, Uludağ Üniversitesi, Fen-Edebiyat Fakültesi, Matematik Bölümü, Turkey 2009 - 2011

Under Graduate, Uludağ Üniversitesi, Fen-Edebiyat Fakültesi, Matematik Bölümü, Turkey 2005 - 2009

## Academic Titles / Tasks

Research Assistant PhD, Kocaeli Üniversitesi, Fen-Edebiyat Fakültesi, Matematik Bölümü, 2011 - Continues

## Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- **New asymmetric generalizations of the Filbert and Lilbert matrices**  
Kilic E., KOPARAL S., ÖMÜR N.  
PERIODICA MATHEMATICA HUNGARICA, vol.78, no.2, pp.231-241, 2019 (Journal Indexed in SCI)
- **On congruences involving special numbers**  
KOPARAL S., ÖMÜR N.  
JOURNAL OF THE RAMANUJAN MATHEMATICAL SOCIETY, vol.34, pp.151-167, 2019 (Journal Indexed in SCI)
- **ON CONGRUENCES INVOLVING THE GENERALIZED CATALAN NUMBERS AND HARMONIC NUMBERS**  
KOPARAL S., ÖMÜR N.  
BULLETIN OF THE KOREAN MATHEMATICAL SOCIETY, vol.56, no.3, pp.649-658, 2019 (Journal Indexed in SCI)
- **Some Permanents of Hessenberg Matrices**  
KOPARAL S., Omur N., Sener C. D.  
FILOMAT, vol.33, pp.475-481, 2019 (Journal Indexed in SCI)
- **FORMULAE FOR TWO WEIGHTED BINOMIAL IDENTITIES WITH THE FALLING FACTORIALS**  
Kilic E., ÖMÜR N., KOPARAL S.  
ARS COMBINATORIA, vol.138, pp.223-231, 2018 (Journal Indexed in SCI)
- **SOME INTERESTING CONGRUENCES FOR BALLOT NUMBERS**  
ÖMÜR N., KOPARAL S.  
MISKOLC MATHEMATICAL NOTES, vol.19, pp.1079-1094, 2018 (Journal Indexed in SCI)
- **On congruences related to central binomial coefficients, harmonic and Lucas numbers**  
KOPARAL S., ÖMÜR N.  
TURKISH JOURNAL OF MATHEMATICS, vol.40, pp.973-985, 2016 (Journal Indexed in SCI)
- **SOME CONGRUENCES INVOLVING NUMBERS  $B(p, k-d)$**   
ÖMÜR N., KOPARAL S.  
UTILITAS MATHEMATICA, vol.95, pp.307-317, 2014 (Journal Indexed in SCI)

## Articles Published in Other Journals

- **Some congruences for sums involving harmonic numbers**  
KOPARAL S., ÖMÜR N.  
Cumhuriyet Science Journal, vol.39, pp.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, vol.40, pp.549-559, 2018 (Refereed Journals of Other Institutions)

- **ON CONGRUENCES WITH THE TERMS OF THE SECOND ORDER SEQUENCES  $\{U-kn\}$  AND  $\{V-kn\}$**   
KOPARAL S., ÖMÜR N.  
HONAM MATHEMATICAL JOURNAL, vol.40, pp.549-559, 2018 (Journal Indexed in ESCI)
- **On the matrices with the generalized hyperharmonic numbers of order  $r$**   
ÖMÜR N., KOPARAL S.  
ASIAN-EUROPEAN JOURNAL OF MATHEMATICS, vol.11, 2018 (Journal Indexed in ESCI)
- **ON CERTAIN HESSENBERG MATRICES RELATED WITH LINEAR RECURRENCES**  
KOPARAL S., ÖMÜR N., COLAK C. D.  
FACTA UNIVERSITATIS-SERIES MATHEMATICS AND INFORMATICS, vol.33, pp.153-162, 2018 (Journal Indexed in ESCI)
- **On some congruences with the terms of second order sequence and harmonic numbers**  
ÖMÜR N., KOPARAL S.  
Karaelmas Fen ve Mühendislik Dergisi, vol.7, pp.586-589, 2017
- **$\{a-k,n(t)\}$  genelleştirilmiş Fibonacci otokorelasyon dizilerinin terimlerini içeren bazı bağıntılar**  
ÖMÜR N., KOPARAL S.  
SAÜ Fen Bilimleri Dergisi, vol.21, pp.307-313, 2017 (Other Refereed National Journals)
- **ON ALTERNATING WEIGHTED BINOMIAL SUMS WITH FALLING FACTORIALS**  
Kilic E., ÖMÜR N., KOPARAL S.  
BULLETIN OF MATHEMATICAL ANALYSIS AND APPLICATIONS, vol.9, pp.58-64, 2017 (Journal Indexed in ESCI)
- **$\{a-k,n(t)\}$  geliştirilmiş Fibonacci otokorelasyon dizilerinin terimlerini içeren bazı bağıntılar**  
ÖMÜR N., KOPARAL S.  
SAÜ Fen Bilimleri Dergisi, vol.21, pp.307-313, 2017
- **Two Variants of the Reciprocal Super Catalan Matrix**  
Kilic E., ÖMÜR N., KOPARAL S., Ulutas Y. T.  
KYUNGPOOK MATHEMATICAL JOURNAL, vol.56, pp.409-418, 2016 (Journal Indexed in ESCI)
- **On congruences with the terms of second order sequence  $Q_n$**   
ÖMÜR N., KOPARAL S.  
Journal of Algebra, Number Theory:Advances and Applications, vol.15, pp.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, vol.10, pp.45-59, 2016 (Journal Indexed in ESCI)
- **Some congruences related to harmonic numbers and the terms of the second order sequences**  
ÖMÜR N., KOPARAL S.  
Mathematica Moravica, vol.20, pp.23-37, 2016
- **A new perspective to the sequences of  $t$  order**  
ÖMÜR N., KOPARAL S., ŞENER C. D.  
International Journal of Computer Applications, vol.86, pp.29-33, 2014

## Refereed Congress / Symposium Publications in Proceedings

- **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, Turkey, 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, Turkey, 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, pp.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, pp.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, Turkey, 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, Turkey, 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, Turkey, 23 - 25 November 2017

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

ÖMÜR N., KILIÇ E., KOPARAL S.

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

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

ÖMÜR N., KILIÇ E., KOPARAL S.

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

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

KOPARAL S., KILIÇ E., ÖMÜR N.

Caucasian Mathematics Conferences CMC II, Van, Turkey, 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, Hungary, 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, Turkey, 11 - 15 May

2017

- **On congruences involving special numbers**

KOPARAL S., ÖMÜR N.

International Conference on Mathematics and Engineering, İstanbul, Turkey, 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, Romania, 26 - 29 May 2016

- **On some congruences**

KOPARAL S., ÖMÜR N.

International Conference on Recent Advances in Pure and Applied Mathematics, Muğla, Turkey, 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

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

KOPARAL S., ÖMÜR N.

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

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

KOPARAL S., ÖMÜR N.

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

## Citations

Total Citations (WOS):9

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