

## Assoc. Prof. SİBEL KOPARAL

### Personal Information

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### International Researcher IDs

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

Yoksis Researcher ID: 34939

### Education Information

Doctorate, Kocaeli University, Fen Bilimleri Enstitüsü, Turkey 2011 - 2018

Postgraduate, Bursa Uludağ University, FEN-EDEBİYAT FAKÜLTESİ, MATEMATİK, Turkey 2009 - 2011

Undergraduate, Bursa Uludağ University, FEN-EDEBİYAT FAKÜLTESİ, MATEMATİK, Turkey 2005 - 2009

### Foreign Languages

English, B2 Upper Intermediate

### Research Areas

Mathematics

### Academic Titles / Tasks

Associate Professor, Bursa Uludağ University, FEN-EDEBİYAT FAKÜLTESİ, MATEMATİK, 2022 - Continues

Assistant Professor, Bursa Uludağ University, FEN-EDEBİYAT FAKÜLTESİ, MATEMATİK, 2021 - 2022

### Academic and Administrative Experience

Member of Department FEDEK Commission, Bursa Uludağ University, Fen-Edebiyat Fakültesi, Matematik, 2022 - Continues

### Courses

Undergraduate, 2023 - 2024, 2022 - 2023

LINEAR ALGEBRA, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022

MATEMATİK I, Undergraduate, 2023 - 2024

TEMEL MATEMATİK I, Undergraduate, 2023 - 2024, 2022 - 2023

SAYILAR TEORİSİ II, Postgraduate, 2022 - 2023  
MATEMATİK I, Undergraduate, 2023 - 2024, 2022 - 2023  
TEMEL MATEMATİK I, Undergraduate, 2023 - 2024, 2022 - 2023  
Calculus II, Undergraduate, 2022 - 2023, 2021 - 2022  
BACIS MATHEMATICS II, Undergraduate, 2021 - 2022  
BACIS MATHEMATICS II, Undergraduate, 2021 - 2022  
SAYILAR TEORİSİ I, Postgraduate, 2022 - 2023  
BACIS MATHEMATICS II, Undergraduate, 2021 - 2022  
LINEAR ALGEBRA, Undergraduate, 2021 - 2022  
DİFERANSİYEL DENKLEMLER, Undergraduate, 2022 - 2023

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **New approach: Solvent effects of benzaldehyde in aliphatic alcohol solvents with FT-IR spectroscopy and augmented vertex-adjacency matrices**  
KARA Y. S., KOPARAL S., TEKİN N., ÖMÜR N.  
JOURNAL OF MOLECULAR STRUCTURE, vol.1321, 2025 (SCI-Expanded)
- II. **On three-dimensional  $q$ -Riordan arrays**  
Fang G., KOPARAL S., ÖMÜR N., Duran O., Khan W. A.  
DEMONSTRATIO MATHEMATICA, no.1, 2024 (SCI-Expanded)
- III. **Congruences with  $q$ -harmonic numbers and  $q$ -binomial coefficients**  
Elkhiri L., Koparal S., ÖMÜR N.  
INDIAN JOURNAL OF PURE & APPLIED MATHEMATICS, vol.55, no.2, pp.639-648, 2024 (SCI-Expanded)
- IV.  **$q$ -Analogues of  $H_{n,m}(\sigma)$  and Their Applications**  
Guan H., KOPARAL S., ÖMÜR N., Khan W. A.  
MATHEMATICS, vol.11, no.19, 2023 (SCI-Expanded)
- V. **Some Identities with Multi-Generalized  $q$ -Hyperharmonic Numbers of Order  $r$**   
Chen Z., ÖMÜR N., KOPARAL S., Khan W. A.  
Symmetry, vol.15, no.4, 2023 (SCI-Expanded)
- VI. **Some congruences with  $q$ -binomial sums**  
ÖMÜR N., GÜR Z. B., KOPARAL S., ELKHİRİ L.  
Turkish Journal of Mathematics, vol.47, no.7, pp.2006-2027, 2023 (SCI-Expanded)
- VII. **Some congruences with  $q$ -binomial coefficients and  $q$ -harmonic numbers**  
KOPARAL S., ÖMÜR N., Elkhiri L.  
Hacettepe Journal of Mathematics and Statistics, vol.52, no.2, pp.445-458, 2023 (SCI-Expanded)
- VIII. **SOME IDENTITIES FOR DERANGEMENT NUMBERS**  
KOPARAL S., ÖMÜR N., Sudemen K. N.  
Miskolc Mathematical Notes, vol.23, no.2, pp.773-785, 2022 (SCI-Expanded)
- IX. **Congruences with  $q$ -generalized Catalan numbers and  $q$ -harmonic numbers**  
ÖMÜR N., Gur Z. B., KOPARAL S.  
HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, vol.51, no.3, pp.712-724, 2022 (SCI-Expanded)
- X. **On Congruences with Binomial Coefficients and Harmonic Numbers**  
KOPARAL S., Elkhiri L., ÖMÜR N.  
FILOMAT, vol.36, no.3, pp.951-960, 2022 (SCI-Expanded)
- XI. **NEW CONGRUENCES WITH THE GENERALIZED CATALAN NUMBERS AND HARMONIC NUMBERS**  
Elkhiri L., KOPARAL S., ÖMÜR N.  
BULLETIN OF THE KOREAN MATHEMATICAL SOCIETY, vol.58, no.5, pp.1079-1095, 2021 (SCI-Expanded)
- XII. **On congruences related to trinomial coefficients and harmonic numbers**  
ÖMÜR N., KOPARAL S., Elkhiri L.  
TURKISH JOURNAL OF MATHEMATICS, vol.45, no.4, pp.1592-1604, 2021 (SCI-Expanded)

- XIII. **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, vol.44, no.2, pp.425-435, 2020 (SCI-Expanded)
- XIV. **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, vol.49, no.6, pp.2094-2103, 2020 (SCI-Expanded)
- XV. **Nonlinear variants of the generalized Filbert and Lilbert matrices**  
 Kilic E., KOPARAL S., ÖMÜR N.  
 TURKISH JOURNAL OF MATHEMATICS, vol.44, no.3, pp.622-642, 2020 (SCI-Expanded)
- XVI. **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, vol.49, no.2, pp.684-694, 2020 (SCI-Expanded)
- XVII. **ON SUMS WITH GENERALIZED HARMONIC, HYPERHARMONIC AND SPECIAL NUMBERS**  
 Duran O., ÖMÜR N., KOPARAL S.  
 MISKOLC MATHEMATICAL NOTES, vol.21, no.2, pp.791-803, 2020 (SCI-Expanded)
- XVIII. **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 (SCI-Expanded)
- XIX. **On congruences involving special numbers**  
 KOPARAL S., ÖMÜR N.  
 JOURNAL OF THE RAMANUJAN MATHEMATICAL SOCIETY, vol.34, no.2, pp.151-167, 2019 (SCI-Expanded)
- XX. **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 (SCI-Expanded)
- XXI. **On congruences for q-analogues of ballot numbers**  
 KOPARAL S.  
 TURKISH JOURNAL OF MATHEMATICS, vol.43, no.5, pp.2642-2648, 2019 (SCI-Expanded)
- XXII. **Some Permanents of Hessenberg Matrices**  
 KOPARAL S., Omur N., Sener C. D.  
 FILOMAT, vol.33, no.2, pp.475-481, 2019 (SCI-Expanded)
- XXIII. **FORMULAE FOR TWO WEIGHTED BINOMIAL IDENTITIES WITH THE FALLING FACTORIALS**  
 Kilic E., ÖMÜR N., KOPARAL S.  
 ARS COMBINATORIA, vol.138, pp.223-231, 2018 (SCI-Expanded)
- XXIV. **SOME INTERESTING CONGRUENCES FOR BALLOT NUMBERS**  
 ÖMÜR N., KOPARAL S.  
 MISKOLC MATHEMATICAL NOTES, vol.19, no.2, pp.1079-1094, 2018 (SCI-Expanded)
- XXV. **On congruences related to central binomial coefficients, harmonic and Lucas numbers**  
 KOPARAL S., ÖMÜR N.  
 TURKISH JOURNAL OF MATHEMATICS, vol.40, no.5, pp.973-985, 2016 (SCI-Expanded)
- XXVI. **SOME CONGRUENCES INVOLVING NUMBERS B (p,k-d)**  
 ÖMÜR N., KOPARAL S.  
 UTILITAS MATHEMATICA, vol.95, pp.307-317, 2014 (SCI-Expanded)

## Articles Published in Other Journals

- I. **SOME SUMS VIA EULER'S TRANSFORM**  
 ÖMÜR N., KOPARAL S., Elkhiri L.  
 HONAM MATHEMATICAL JOURNAL, no.3, pp.365-377, 2024 (ESCI)

- II. **Some Sums Involving Generalized Harmonic and  $r$ -Derangement Numbers**  
 koparal s.  
 Cumhuriyet Science Journal, vol.45, no.1, pp.111-116, 2024 (Peer-Reviewed Journal)
- III. **BINOMIAL SUMS WITH HARMONIC AND FIBONACCI NUMBERS**  
 Duran O., ÖMÜR N., KOPARAL S.  
 JOURNAL OF SCIENCE AND ARTS, no.2, pp.389-398, 2024 (ESCI)
- IV. **GENERALIZED DEGENERATE HARMONIC NUMBERS AND THEIR APPLICATIONS WITH RIORDAN ARRAYS**  
 Duran Ö., ÖMÜR N., KOPARAL S.  
 Integers, vol.24, 2024 (Scopus)
- V. **Some Properties Involving The Generalized Harmonic Polynomials**  
 ÖMÜR N., KOPARAL S., Duran O.  
 APPLIED MATHEMATICS E-NOTES, pp.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, vol.29, no.4, pp.695-704, 2023 (ESCI)
- VII. **On generalized hyperharmonic numbers of order  $r, H_r n, m (\sigma)$**   
 KOPARAL S., ÖMÜR N., Elkhiri L.  
 NOTES ON NUMBER THEORY AND DISCRETE MATHEMATICS, vol.29, no.4, pp.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, vol.23, no.2, pp.469-480, 2023 (ESCI)
- IX. **Some Identities with Special Numbers**  
 ÖMÜR N., Südemen K. N., KOPARAL S.  
 CUMHURİYET SCIENCE JOURNAL, vol.43, no.4, pp.696-702, 2022 (Peer-Reviewed Journal)
- X. **Applications of degenerate  $q$ -Euler and  $q$ -Changhee polynomials with weight  $\alpha$**   
 Duran Ö., KOPARAL S., ÖMÜR N.  
 Acta et Commentationes Universitatis Tartuensis de Mathematica, vol.26, no.2, pp.253-264, 2022 (ESCI)
- XI. **Sums involving generalized harmonic and Daehee numbers**  
 ÖMÜR N., KOPARAL S.  
 Notes on Number Theory and Discrete Mathematics, vol.28, no.1, pp.92-99, 2022 (ESCI)
- XII. **A  $Q$ -ANALOGUE OF GRANVILLE'S CONGRUENCE**  
 Elkhiri L., ÖMÜR N., KOPARAL S.  
 Integers, vol.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, vol.28, no.3, pp.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, vol.36, no.1, pp.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, vol.9, pp.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, vol.8, no.2, pp.123-129, 2020 (Peer-Reviewed Journal)
- XVII. **On hyper-dual generalized Fibonacci numbers**  
 ÖMÜR N., KOPARAL S.  
 Notes on Number Theory and Discrete Mathematics, vol.26, no.1, pp.191-198, 2020 (ESCI)

- XVIII. **Some congruences involving Catalan, Pell and Fibonacci numbers**  
KOPARAL S., ÖMÜR N.  
Mathematica Montisnigri, vol.48, pp.10-18, 2020 (Peer-Reviewed Journal)
- XIX. **Some congruences for sums involving harmonic numbers**  
KOPARAL S., ÖMÜR N.  
Cumhuriyet Science Journal, vol.39, no.4, pp.912-919, 2018 (Peer-Reviewed Journal)
- XX. **ON CONGRUENCES WITH THE TERMS OF THE SECOND ORDER SEQUENCES  $\{U-kn\}$  AND  $\{V-kn\}$**   
KOPARAL S., ÖMÜR N.  
HONAM MATHEMATICAL JOURNAL, vol.40, no.3, pp.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, vol.11, no.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, vol.33, no.2, pp.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, vol.7, no.2, pp.586-589, 2017 (Peer-Reviewed Journal)
- 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, vol.21, no.3, pp.307-313, 2017 (Peer-Reviewed Journal)
- XXV. **ON ALTERNATING WEIGHTED BINOMIAL SUMS WITH FALLING FACTORIALS**  
Kilic E., ÖMÜR N., KOPARAL S.  
BULLETIN OF MATHEMATICAL ANALYSIS AND APPLICATIONS, vol.9, no.1, pp.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, vol.15, no.1, pp.15-39, 2016 (Peer-Reviewed Journal)
- XXVII. **Two variants of the reciprocal Super Catalan matrix**  
KILIÇ E., ÖMÜR N., KOPARAL S., TÜRKER ULUTAŞ Y.  
Kyungpook Mathematical Journal, vol.56, pp.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, vol.20, no.2, pp.23-37, 2016 (Peer-Reviewed Journal)
- 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, vol.10, no.4, pp.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, vol.86, no.6, pp.29-33, 2014 (Peer-Reviewed Journal)

### Refereed Congress / Symposium Publications in Proceedings

- I. **On Identities with  $r$ -Derangement Numbers**  
Duran Ö., ÖMÜR N., KOPARAL S., Südemer K. N.  
5th International Conference on Life and Engineering Sciences, Antalya, Turkey, 22 May 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, Turkey, 4 - 06

December 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, Turkey, 1 - 03 November 2019, pp.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, Turkey, 1 - 03 November 2019, pp.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, Turkey, 21 - 23 June 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, Turkey, 21 - 23 June 2019
- VII. **On congruences with  $q$  - binomial coefficients**  
KOPARAL S., ÖMÜR N.  
International Eurasian Conference on Science, Engineering and Technology, 22 - 23 November 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 November 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, Turkey, 4 - 07 October 2018, pp.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, Turkey, 4 - 07 October 2018, pp.420-426
- XI. **On hyper-dual generalized Fibonacci numbers**  
ÖMÜR N., KOPARAL S.  
BMS Mathematical Conference, 12 - 14 July 2018
- XII. **Some congruences for Ballot numbers**  
KOPARAL S., ÖMÜR N.  
BMS Mathematical Conference, 12 - 14 July 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 April - 04 May 2018
- XIV. **On congruences for sums involving harmonic numbers**  
KOPARAL S., ÖMÜR N.  
1st International Conference on Mathematical and Related Sciences, 30 April - 04 May 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, Turkey, 23 - 25 November 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, Turkey, 23 - 25 November 2017
- XVII. **New generalizations of the Filbert and Lilbert matrices**  
ÖMÜR N., KILIÇ E., KOPARAL S.  
Caucasian Mathematics Conference II, Van, Turkey, 22 - 24 August 2017
- XVIII. **Two asymmetric generalizations of the Filbert matrix**

KOPARAL S., KILIÇ E., ÖMÜR N.

Caucasian Mathematics Conferences CMC II, Van, Turkey, 22 - 24 August 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, Hungary, 15 - 18 August 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, Turkey, 11 - 15 May 2017

**XXI. On congruences involving special numbers**

KOPARAL S., ÖMÜR N.

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

**XXII. 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

**XXIII. On some congruences**

KOPARAL S., ÖMÜR N.

3rd International Conference on Recent Advances in Pure and Applied Mathematics, Muğla, Turkey, 19 - 23 May 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 August - 03 September 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 May 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 May 2015

**XXVII. Congruences on harmonic numbers and second order sequences**

KOPARAL S., ÖMÜR N.

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

**XXVIII. 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 June 2014

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

KOPARAL S., ÖMÜR N.

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

## Metrics

Publication: 85

Citation (WoS): 18

Citation (Scopus): 13

H-Index (WoS): 2

H-Index (Scopus): 2