

## Personal Information

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## International Researcher IDs

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Publons / Web Of Science ResearcherID: AAP-7399-2020

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## Education Information

Doctorate, Cukurova University, Fen Bilimleri Enstitüsü, Matematik, Turkey 2017 - 2023

Postgraduate, Ege University, Turkey 2014 - 2017

Undergraduate Double Major, Ege University, Fen Fakültesi, İstatistik, Turkey 2011 - 2015

Undergraduate, Ege University, Fen Fakültesi, Matematik, Turkey 2009 - 2014

## Foreign Languages

English, B2 Upper Intermediate

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

- I. **On Graphs of a Finite Full Transformation Semigroup**  
KORKMAZ E.  
Experimental Mathematics, 2024 (SCI-Expanded)
- II. **Isolated Subsemigroups of Order-Preserving and Decreasing Transformation Semigroups**  
KORKMAZ E., AYIK H.  
BULLETIN OF THE MALAYSIAN MATHEMATICAL SCIENCES SOCIETY, vol.45, no.2, pp.663-675, 2022 (SCI-Expanded)
- III. **On the extended zero-divisor graph of strictly partial transformation semigroup**  
KORKMAZ E.  
TURKISH JOURNAL OF MATHEMATICS, vol.46, no.6, pp.2264-2271, 2022 (SCI-Expanded)
- IV. **Ranks of nilpotent subsemigroups of order-preserving and decreasing transformation semigroups**  
KORKMAZ E., AYIK H.  
TURKISH JOURNAL OF MATHEMATICS, vol.45, no.4, pp.1626-1634, 2021 (SCI-Expanded)
- V. **On nilpotent subsemigroups of the order-preserving and decreasing transformation semigroups**  
YAĞCI M., Korkmaz E.  
SEMIGROUP FORUM, vol.101, no.2, pp.486-496, 2020 (SCI-Expanded)
- VI. **On Elements of Finite Semigroups of Order-Preserving and Decreasing Transformations**  
YAĞCI M., Korkmaz E.  
BULLETIN OF THE MALAYSIAN MATHEMATICAL SCIENCES SOCIETY, vol.43, no.5, pp.3863-3870, 2020 (SCI-Expanded)

## Articles Published in Other Journals

I. **COMBINATORIAL RESULTS OF COLLAPSE FOR ORDER-PRESERVING AND ORDER-DECREASING TRANSFORMATIONS**

Korkmaz E.

COMMUNICATIONS FACULTY OF SCIENCES UNIVERSITY OF ANKARA-SERIES A1 MATHEMATICS AND STATISTICS, vol.71, no.3, pp.769-777, 2022 (ESCI)

## Refereed Congress / Symposium Publications in Proceedings

I. **Cardinality and Rank of  $N(C_n, r)$**

KORKMAZ E.

10th INTERNATIONAL EURASIAN CONFERENCE ON MATHEMATICAL SCIENCES AND APPLICATIONS, Sakarya, Turkey, 25 - 27 August 2021

II. **Cardinalities and ranks of the maximum nilpotent subsemigroups of the Catalan monoid**

KORKMAZ E.

7th International Conference on Recent Advances in Pure and Applied Mathematics (ICRAPAM 2020), Muğla, Turkey, 25 - 28 September 2020

III. **RANK OF  $N_r(C_n)$**

KORKMAZ E.

7th IFS and Contemporary Mathematics Conference, Mersin, Turkey, 25 - 29 May 2021

IV. **The Number of  $m$ -potent Elements in Subset of Catalan Monoid**

KORKMAZ E.

4th INTERNATIONAL CONFERENCE ON MATHEMATICS (ICOM 2020), İstanbul, Turkey, 27 - 30 October 2020

V. **Ranks of Nilpotent Subsemigroup of the Catalan Monoid**

KORKMAZ E.

4th INTERNATIONAL CONFERENCE ON MATHEMATICS (ICOM 2020), İstanbul, Turkey, 27 October 2020

VI. **The number of  $m$ -nilpotent elements in nilpotent subsemigroup of Catalan monoid**

KORKMAZ E.

3rd International Conference on Pure and Applied Mathematics (ICPAM-VAN 2020), Van, Turkey, 3 - 05 September 2020

## Scientific Refereeing

SEMIGROUP FORUM, SCI Journal, August 2022

## Metrics

Publication: 13

Citation (WoS): 11

Citation (Scopus): 9

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H-Index (Scopus): 2