

## Res. Asst. PhD EMEL ASLANKARAYIĞIT UĞURLU

### Personal Information

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### International Researcher IDs

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### Education Information

Post Doctorate, Rheinisch-Westfaelische Technische Hochschule Aachen, Germany 2017 - 2018

Doctorate, Yıldız Technical University, Graduate School Of Natural And Applied Sciences, Matematik (Dr), Turkey 2011 - 2016

Postgraduate, Marmara University, Institute for Graduate Studies in Pure and Applied Sciences, Teorik Matematik (YI) (Tezli), Turkey 2009 - 2011

Undergraduate, Marmara University, Faculty of Arts and Sciences, Mathematics, Turkey 2006 - 2009

### Foreign Languages

English, B2 Upper Intermediate

### Dissertations

Doctorate, Çarpımsal Latis Modüller, Yıldız Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Matematik (Dr), 2016

Postgraduate, Yarı halkaların asal radikalleri, Marmara Üniversitesi, Institute for Graduate Studies in Pure and Applied Sciences, Teorik Matematik (YI) (Tezli), 2011

### Research Areas

Commutative Rings and Algebras, Mathematical Logic and Foundations

### Academic Titles / Tasks

Research Assistant PhD, Marmara University, Faculty of Arts and Sciences, Mathematics, 2018 - Continues

Researcher, Rheinisch-Westfaelische Technische Hochschule Aachen, Mathematics, 2017 - 2018

Research Assistant PhD, Marmara University, Faculty of Arts and Sciences, Mathematics, 2016 - 2017

Research Assistant, Marmara University, Faculty of Arts and Sciences, Mathematics, 2012 - 2016

### Courses

Lineer Cebir, Undergraduate, 2019 - 2020  
Soyut Matematik 2 , Undergraduate, 2018 - 2019  
Sayılar Teorisine Giriş , Undergraduate, 2018 - 2019  
Cebire Giriş , Undergraduate, 2018 - 2019  
Soyut Cebir I , Undergraduate, 2018 - 2019

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

- I. **ON QUASI  $n$ -IDEALS OF COMMUTATIVE RINGS**  
Anebri A., Mahdou N., ASLANKARAYIĞIT UĞURLU E.  
CZECHOSLOVAK MATHEMATICAL JOURNAL, vol.72, no.4, pp.1133-1144, 2022 (SCI-Expanded)
- II. **ON 2-ABSORBING SUBMODULE ELEMENTS IN LE-MODULES AND ITS GENERALIZATIONS**  
ASLANKARAYIĞIT UĞURLU E.  
UNIVERSITY POLITEHNICA OF BUCHAREST SCIENTIFIC BULLETIN-SERIES A-APPLIED MATHEMATICS AND PHYSICS, vol.84, no.1, pp.99-108, 2022 (SCI-Expanded)
- III. **On  $(m,n)$ -semiprime submodules**  
Pekin A., Koç S., Aslankarayiğit Uğurlu E.  
Proceedings Of The Estonian Academy Of Sciences, vol.70, no.3, pp.1-8, 2021 (SCI-Expanded)
- IV. **Generalizations of 2-absorbing and 2-absorbing primary submodules**  
MOSTAFANASAB H., TEKİR Ü., Celikel E. Y., Ugurlu E., ULUCAK G., DARANI A. Y.  
HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, vol.48, no.4, pp.1001-1016, 2019 (SCI-Expanded)
- V. **Prime, weakly prime and almost prime elements in multiplication lattice modules**  
ASLANKARAYIĞIT UĞURLU E., ÇALLIALP F., TEKİR Ü.  
OPEN MATHEMATICS, vol.14, pp.673-680, 2016 (SCI-Expanded)
- VI. **Generalizations of 2-absorbing primary ideals of commutative rings**  
Badawi A., TEKİR Ü., ASLANKARAYIĞIT UĞURLU E., Ulucak G., Yetkin Celikel E.  
TURKISH JOURNAL OF MATHEMATICS, vol.40, no.3, pp.703-717, 2016 (SCI-Expanded)
- VII. **On multiplication lattice modules**  
Callialp F., TEKİR Ü., ASLANKARAYIĞIT UĞURLU E.  
HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, vol.43, no.4, pp.571-578, 2014 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Generalization of 2-absorbing quasi primary ideals**  
ASLANKARAYIĞIT UĞURLU E., KOÇ S., TEKİR Ü.  
Novi Sad Journal of Mathematics, 2021 (Scopus)
- II. **GENERALIZATIONS OF  $r$ -IDEALS OF COMMUTATIVE RINGS**  
ASLANKARAYIĞIT UĞURLU E.  
Journal of Interdisciplinary Mathematics, vol.24, no.8, pp.2283-2293, 2021 (ESCI)
- III.  **$n$ -HYPERIDEALS OF A MULTIPLICATIVE HYPERRING**  
ASLANKARAYIĞIT UĞURLU E.  
The Southeast Asian Bulletin of Mathematics, 2021 (ESCI)
- IV. **Latis Modüllerindeki Pür Elemanlar ve Asal Elemanların Dual Kavramları**  
ASLANKARAYIĞIT UĞURLU E.  
Süleyman Demirel Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.24, no.1, pp.226-229, 2020 (Peer-Reviewed Journal)
- V.  **$\phi$ -Classical Prime Submodules**  
MOSTAFANASAB H., ASLANKARAYIĞIT E.  
SOUTHEAST ASIAN BULLETIN OF MATHEMATICS, vol.43, pp.243-262, 2019 (ESCI)

- VI. **SOME RESULTS ON DELTA-PRIMARY SUBMODULES OF MODULES**  
YEŞİLOT G., ŞENGELEN SEVİM E., ULUCAK G., ASLANKARAYIĞIT E.  
Sigma Journal Of Engineering and Natural Sciences, vol.36, pp.459-464, 2018 (ESCI)
- VII. **On Phi 2 Absorbing Primary Elements In Multiplicative Lattices**  
YETKİN ÇELİKEL E., ULUCAK G., ASLANKARAYIĞIT E.  
Palestine Journal Of Mathematics, vol.5, pp.136-164, 2016 (Scopus)
- VIII. **On Phi 2 Absorbing Elements In Multiplicative Lattices**  
YETKİN ÇELİKEL E., ASLANKARAYIĞIT E., ULUCAK G.  
Palestine Journal Of Mathematics, vol.5, pp.127-135, 2016 (Scopus)
- IX. **Second and Secondary Lattice Modules**  
ÇALLIALP F., TEKİR Ü., ASLANKARAYIĞIT E., ORAL K. H.  
The Scientific World Journal, vol.2014, pp.1-4, 2014 (Scopus)

### Refereed Congress / Symposium Publications in Proceedings

- I. **STUDY ON n-HYPERIDEALS OF MULTIPLICATIVE HYPERRINGS**  
Aslankarayigit Uğurlu E.  
ANKARA INTERNATIONAL CONGRESS ON SCIENTIFIC RESEARCH-III, Ankara, Turkey, 2 - 04 October 2020
- II. **On generalizations of r-ideals of commutative rings**  
ASLANKARAYIĞIT UĞURLU E.  
3rd INTERNATIONAL CONFERENCE ON PURE AND APPLIED MATHEMATICS, Van, Turkey, 3 - 05 September 2020
- III. **A STUDY ON GENERALIZATION OF CLASSICAL PRIME SUBMODULES**  
ASLANKARAYIĞIT UĞURLU E.  
EURO ASIA 7th. INTERNATIONAL CONGRESS ON APPLIED SCIENCES, Trabzon, Turkey, 21 - 22 August 2020
- IV. **A STUDY ON S-WEAKLY PRIME SUBMODULES**  
ASLANKARAYIĞIT UĞURLU E.  
4. INTERNATIONAL MARDIN ARTUKLU CONFERENCE ON SCIENTIFIC RESEARCHES, Mardin, Turkey, 7 - 08 August 2020
- V. **A STUDY ON PHI-2-ABSORBING QUASI PRIMARY IDEALS**  
ASLANKARAYIĞIT E., TEKİR Ü., KOÇ S.  
INTERNATIONAL GÖBEKLİTEPE APPLIED SCIENCES CONGRESS, 5 - 07 June 2020
- VI. **Dual Notions Of Prime And Pure Elements In Comultiplication Lattice Modules**  
ASLANKARAYIĞIT E., TEKİR Ü.  
International Conference on Mathematics and Engineering (ICOME'17) ISTANBUL, TURKEY, 10 - 12 May 2017
- VII. **On Almost Prime Ideals**  
ASLANKARAYIĞIT E., TEKİR Ü.  
The International Conference On Pure And Applied Mathematics, ICPAM 2015. Van, Türkiye, 25 - 28 August 2015
- VIII. **Characterization of Lattice Modules Some Elements**  
ASLANKARAYIĞIT E., ÇALLIALP F., TEKİR Ü.  
Second International Conference on Mathematics and Statistics (ICMS'15), Sharjah, UAE, 2 - 05 April 2015
- IX. **A Study on Dual Notions of Prime Element**  
ÇALLIALP F., TEKİR Ü., ASLANKARAYIĞIT E.  
Second International Conference on Mathematics and Statistics (ICMS'15), Sharjah, UAE, 2 - 05 April 2015
- X. **A Note on 2 Absorbing Delta Primary Ideals**  
ULUCAK G., ASLANKARAYIĞIT E., YEŞİLOT G.  
Second International Conference on Mathematics and Statistics (ICMS'15), Sharjah, UAE, 2 April - 05 February 2015
- XI. **The Elements of Multiplication Lattice Modules**  
ASLANKARAYIĞIT E., ÇALLIALP F., TEKİR Ü.  
V Congress of the Mathematicians of Macedonia. Ohrid, Makedonya, 24 - 27 September 2014

- XII. **Second and Secondary Lattice Modules**  
ASLANKARAYIĞIT E., ÇALLIALP F., TEKİR Ü.  
3rd International Eurasian Conference on Mathematical Sciences and Applications( IECMSA-2014) VIYANA,  
AVUSTURYA, 25 - 28 August 2014
- XIII. **On multiplication Lattice Modules**  
ÇALLIALP F., TEKİR Ü., ASLANKARAYIĞIT E.  
Third Seminar on Algebra and Its Applications, Ardabil, Iran, 12 - 14 August 2014
- XIV. **Nakayama Lemma for Multiplication Lattice Module**  
ASLANKARAYIĞIT E., ÇALLIALP F.  
I. Kadın Matematikçiler Derneği Çalıştayı (TKMD). Kocaeli, Türkiye, Turkey, 2 May - 02 February 2014
- XV. **On multiplication Lattice Module**  
ASLANKARAYIĞIT E., ÇALLIALP F., TEKİR Ü.  
2nd International Eurasian Conference on Mathematical Sciences and Applications( IECMSA-2013), Saraybosna,  
Bosna-Hersek, 26 - 29 August 2013
- XVI. **A note on modules over commutative rings**  
ULUCAK G., ŞENGELEN SEVİM E., ASLANKARAYIĞIT E.  
2nd International Eurasian Conference on Mathematical Sciences and Applications( IECMSA-2013), Saraybosna,  
Bosna-Hersek, 26 - 29 August 2013
- XVII. **Prime Element and Primary Element in Multiplication Lattice Module**  
ASLANKARAYIĞIT E., ÇALLIALP F., TEKİR Ü.  
International Western Balkans Conference of Mathematical Sciences(IWBCMS) Elbasan, Arnavutluk, 30 May - 01  
June 2013

## **Metrics**

Publication: 35

Citation (WoS): 28

Citation (Scopus): 30

H-Index (WoS): 2

H-Index (Scopus): 3