

Res. Asst. PhD Neslihan Ayşen ÖZBAY

Personal Information

Office Phone: [+90 212 383 4329](tel:+902123834329)

Email: aозk@yildiz.edu.tr

Web: <https://avesis.yildiz.edu.tr/aозk>



Education Information

Doctorate, Yıldız Technical University, Fen Edebiyat Fakültesi, Matematik, Turkey 2010 - 2014

Postgraduate, Yıldız Technical University, Faculty Of Arts & Science, Department Of Mathematics, Turkey 2009 - 2010

Undergraduate, Yıldız Technical University, Faculty Of Arts & Science, Department Of Mathematics, Turkey 2005 - 2009

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Prime Ideals and Prime Submodules, Yıldız Technical University, Faculty of Arts & Science, Department of Mathematics, 2014

Postgraduate, Graded Rings and Graded Modules, Yıldız Technical University, Faculty of Arts & Science, Department of Mathematics, 2010

Research Areas

Mathematics, Field Theory and Polynomials, Commutative Rings and Algebras, Natural Sciences

Academic Titles / Tasks

Research Assistant PhD, Yıldız Technical University, Faculty Of Arts & Science, Department Of Mathematics, 2010 - Continues

Courses

Matematik, Undergraduate, 2019 - 2020

Mathematics 2, Undergraduate, 2018 - 2019

Diferansiyel Denklemler, Undergraduate, 2019 - 2020

Mathematics 1, Undergraduate, 2018 - 2019

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Strong pseudoprimes to base 2**
Nari K., Özdemir E., ÖZKİRİŞÇİ N. A.
RAMANUJAN JOURNAL, vol.59, no.4, pp.1323-1332, 2022 (SCI-Expanded)
- II. **A Key Verification Protocol for Quantum Key Distribution**
Kurt G. K., Özdemir E., Özkırışçı N. A., Topal O. A.
IEEE ACCESS, vol.7, pp.141386-141394, 2019 (SCI-Expanded)
- III. **On coprimely structured rings**
Özkırışçı N. A., Oral K. H., Tekir Ü.
TURKISH JOURNAL OF MATHEMATICS, vol.40, pp.719-727, 2016 (SCI-Expanded)
- IV. **Strongly 0-dimensional Modules**
Oral K. H., OZKIRISCI N. A., TEKİR Ü.
CANADIAN MATHEMATICAL BULLETIN-BULLETIN CANADIEN DE MATHEMATIQUES, vol.57, no.1, pp.159-165, 2014 (SCI-Expanded)
- V. **Graded prime spectrum of a graded module**
ÖZKİRİŞÇİ N. A., ORAL K. H., TEKİR Ü.
IRANIAN JOURNAL OF SCIENCE AND TECHNOLOGY TRANSACTION A-SCIENCE, vol.37, pp.411-420, 2013 (SCI-Expanded)

Articles Published in Other Journals

- I. **Strongly prime submodules and strongly 0-dimensional modules**
Bilgin Z., KOÇ S., ÖZKİRİŞÇİ N. A.
ALGEBRA & DISCRETE MATHEMATICS, vol.28, no.2, pp.171-183, 2019 (ESCI)
- II. **A note on primary spectrum over commutative rings**
ÖZKİRİŞÇİ N. A., Kılıç Z., Koç S.
Scientific Annals of the Alexandru Ioan Cuza University of Iași (New Series). Mathematics, vol.64, pp.111-120, 2018 (Peer-Reviewed Journal)
- III. **Intuitionistic Fuzzy Soft Semi-ideals**
ERSOY B. A., ÖZKİRİŞÇİ N. A.
AZERBAIJAN JOURNAL OF MATHEMATICS, vol.6, no.2, pp.44-54, 2016 (ESCI)

Refereed Congress / Symposium Publications in Proceedings

- I. **Quasi-Primary Spectrum and Some Sheaf-Theoretic Properties**
Bilgin Z., Özkırışçı N. A.
IECMSA-2019, Baku, Azerbaijan, 27 - 30 August 2019, pp.43
- II. **A Primality Test with Singular Cubic Curves**
Nari K., Özdemir E., Özkırışçı N. A.
XXXIth Journees Arithmetiques, İstanbul, Turkey, 1 - 05 July 2019, pp.41
- III. **On Strongly Prime Submodules and Strongly 0-dimensional Modules**
ÖZKİRİŞÇİ N. A., BİLGİN Z., KOÇ S.
INTERNATIONAL CONFERENCE ON MATHEMATICS AND ENGINEERING, İstanbul, Turkey, 10 May 2017, pp.1
- IV. **A Covering Condition for Primary Spectrum**
ÖZKİRİŞÇİ N. A., KILIÇ Z., KOÇ S.
The International Conference on Algebra and its Applications, Errachidia, Morocco, 26 April 2017, pp.123
- V. **A Note on Graded Vector Spaces**
ÖZKİRİŞÇİ N. A., ORAL K. H., TEKİR Ü.

- 1st International Western Balkans Conference of Mathematical Sciences, Elbasan, Albania, 30 May 2013, pp.126
- VI. **Investigation of Solutions of Some Logarithmic Equations in an Early Turkish Mathematics Journal: Scientific Themes**
Özkirişçi N. A., Oral K. H., Üregen R. N., Ünal H.
3. International Congress of Educational Research , Girne, Cyprus (Kktc), 4 - 07 May 2011, pp.58-59
- VII. **Derecelendirilmiş Modüller Üzerinde Topoloji**
ÖZKİRİŞÇİ N. A., TEKİR Ü., ORAL K. H.
5. Ankara Matematik Günleri, Ankara, Turkey, 03 June 2010, pp.131

Metrics

Publication: 15
Citation (WoS): 6
Citation (Scopus): 5
H-Index (WoS): 2
H-Index (Scopus): 2

Scholarships

2211 Yurt İçi Lisans Üstü Burs Programı, TUBITAK, 2010 - 2014