

Assoc. Prof. Gürsel YEŞİLOT

Personal Information

Email: gyesilot@yildiz.edu.tr

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

Education Information

Doctorate, Sakarya Üniv., Matematik, Turkey Continues

Research Areas

Mathematics, Commutative Rings and Algebras, Natural Sciences

Academic Titles / Tasks

Associate Professor, Yıldız Teknik Üniversitesi, Fen Edebiyat , Matematik , 2006 - Continues

Advising Theses

Yeşilot G., Some fuzzy ideals over commutative rings, Doctorate, D.SÖNMEZ(Student), 2020

Yeşilot G., Prime Hyperideals over hyperrings, Doctorate, E.ÖZEL(Student), 2020

Yeşilot G., Hiper cebirsel yapılar ve bulanık yapılar, Post Graduate, V.SAÇLI(Student), 2018

Yeşilot G., Çarpımsal hiperhalkalar, Post Graduate, N.AYTAÇ(Student), 2018

YEŞİLOT G., Galois Halkaları, Post Graduate, E.altınay(Student), 2016

YEŞİLOT G., Rank Metriği ve Kodlar, Post Graduate, İ.Kalkan(Student), 2016

YEŞİLOT G., Gamma Halkaları, Post Graduate, S.Yetiş(Student), 2016

YEŞİLOT G., Alt Modüllerin Yarı Radikalleri, Post Graduate, E.Özel(Student), 2016

YEŞİLOT G., Kuantum Uzaylar Üzerinde Hopf Cebirleri Ve Diferansiyel Hesap, Doctorate, M.Özavşar(Student), 2016

YEŞİLOT G., Değişmeli Olmayan Halkalar Üzerindeki Çarpımsal Modüller, Post Graduate, D.Sönmez(Student), 2016

YEŞİLOT G., Çarpımsal Modüller, Post Graduate, N.Süzen(Student), 2016

YEŞİLOT G., Delta asalımsı İdealler ve Asalımsı Alt Modüller, Post Graduate, A.Nur(Student), 2016

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

- I. **On Weakly δ -Semiprimary Ideals of Commutative Rings**
Badawi A., SÖNMEZ D., YEŞİLOT G.
Algebra Colloquium, 2018 (Journal Indexed in SCI)
- II. **A Study on Fuzzy 2-absorbing Primary Gamma-ideals in Gamma-rings**
ONAR S., SÖNMEZ D., ERSOY B. A. , YEŞİLOT G., HİLA K.
FILOMAT, vol.31, pp.5753-5767, 2017 (Journal Indexed in SCI Expanded)
- III. **On 2-Absorbing Primary Fuzzy Ideals of Commutative Rings**
SÖNMEZ D., YEŞİLOT G., ONAR S., ERSOY B. A. , DAVVAZ B.
MATHEMATICAL PROBLEMS IN ENGINEERING, 2017 (Journal Indexed in SCI)

- IV. **Duality on the quantum space(3) with two parameters**
 ÖZAVŞAR M., YEŞİLOT G.
 CENTRAL EUROPEAN JOURNAL OF PHYSICS, vol.10, pp.1221-1227, 2012 (Journal Indexed in SCI)
- V. **Differential Calculus on the Logarithmic Extension of the Quantum 3-D space and Weyl algebra**
 ÖZAVŞAR M., Yeşilot G.
 International Journal of Geometric Methods in Modern Physics, vol.8, pp.1667-1678, 2011 (Journal Indexed in SCI Expanded)
- VI. **RADICALS OF SUBMODULES IN MODULES**
 YEŞİLOT G.
 STUDIA SCIENTIARUM MATHEMATICARUM HUNGARICA, vol.47, pp.445-447, 2010 (Journal Indexed in SCI)
- VII. **ON PRIME AND MAXIMAL k-SUBSEMIMODULES OF SEMIMODULES**
 YEŞİLOT G.
 HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, vol.39, pp.305-312, 2010 (Journal Indexed in SCI)
- VIII. **The covering problem for finite rings with respect to the RT-metric**
 Yildiz B., Siap I., Bilgin T., YEŞİLOT G.
 APPLIED MATHEMATICS LETTERS, vol.23, pp.988-992, 2010 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **2-Absorbing Semiprimary Fuzzy Ideal of Commutative Rings**
 Sönmez D., Yeşilot G., Onar S., Ersoy B. A.
 Journal of Mathematical Sciences and Modelling, vol.2, pp.193-197, 2019 (Refereed Journals of Other Institutions)
- II. **ON WEAKLY PRIME FUZZY IDEALS OF COMMUTATIVE RINGS**
 Sönmez D., Yeşilot G.
 Journal of Engineering Technology and Applied Sciences, vol.4, pp.19-25, 2019 (Refereed Journals of Other Institutions)
- III. **2-ABSORBING δ -PRIMARY FUZZY IDEALS OF COMMUTATIVE RINGS**
 SÖNMEZ D., YEŞİLOT G., ONAR S., ERSOY B. A.
 SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES-SIGMA MUHENDISLIK VE FEN BILIMLERI DERGISI, vol.9, pp.23-29, 2018 (Refereed Journals of Other Institutions)
- IV. **Intuitionistic Fuzzy 2-Absorbing Primary Ideals of Commutative Rings**
 Yavuz S., Onar S., Sönmez D., Ersoy B. A. , Yeşilot G.
 Turkish Journal of Mathematics and Computer Science, pp.37-48, 2018 (Refereed Journals of Other Institutions)
- V. **SOME RESULTS ON DELTA-PRIMARY SUBMODULES OF MODULES**
 YEŞİLOT G., Şengelen Sevim E., Ulucak G., Aslankarayiğit Uğurlu E.
 SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES-SIGMA MUHENDISLIK VE FEN BILIMLERI DERGISI, vol.36, pp.459-464, 2018 (Journal Indexed in ESCI)
- VI. **δ -Primary Hyperideals on Commutative Hyperrings**
 Ay E. O. , YEŞİLOT G., SÖNMEZ D.
 International Journal of Mathematics and Mathematical Sciences, vol.2017, 2017 (Refereed Journals of Other Institutions)
- VII. **A short note on special submodules in modules**
 YEŞİLOT G., SÖNMEZ D.
 Journal of Advanced Research in Pure Mathematics, vol.2015, pp.1-4, 2015 (Refereed Journals of Other Institutions)
- VIII. **Derivative Operators on Quantum (3) space with Two Parameters and Weyl algebra**
 ÖZAVŞAR M., Yeşilot G.
 EUROPEAN JOURNAL OF PURE AND APPLIED MATHEMATICS, vol.5, pp.197-204, 2012 (Refereed Journals of Other Institutions)
- IX. **On The Prime Spectrum Of A Module Over Noncommutative Rings**

YEŞİLOT G.

International Journal of Algebra, vol.5, pp.523-528, 2011 (Refereed Journals of Other Institutions)

X. **On Prime Subsemimodules Of Semimodules**

YEŞİLOT G., Oral K. H. , Tekir Ü.

International Journal of Algebra, vol.4, pp.53-60, 2010 (Refereed Journals of Other Institutions)

XI. **On The Prime Radical Of A Hypergroupoid**

YEŞİLOT G.

Journal of Mathematics and Statistics, vol.1, pp.234-238, 2005 (Refereed Journals of Other Institutions)

XII. **On the prime radical of a graded ring**

YEŞİLOT G.

Journal of Marmara for Pure and Applied Sciences, vol.18, pp.47-54, 2002 (Refereed Journals of Other Institutions)

XIII. **Universal Algebras With Many-Valued Operations**

Çallıalp F., YEŞİLOT G.

Journal of Marmara for pure and applied sciences, vol.17, pp.31-34, 2001 (Refereed Journals of Other Institutions)

Books & Book Chapters

I. **Sayılar Teorisi Çözümlü Problemleri**

Yeşilot G., Yeşilot S.

Birsen Yayınevi, İstanbul, 2019

II. **Soyut Matematik**

YEŞİLOT G., SÖNMEZ D.

Nobel Yayın Dağıtım, İstanbul, 2018

III. **Temel Lineer Cebir**

YEŞİLOT G., SÖNMEZ D.

Seçkin Yayıncılık, İstanbul, 2018

IV. **SOYUT CEBİR ÇÖZÜMLÜ PROBLEMLERİ**

Yeşilot G., Özavşar M.

Nobel Yayın Dağıtım, Ankara, 2012

V. **İntegral**

Yeşilot G.

in: Thomas , Mustafa Bayram, Editor, Pearson Education , İstanbul, pp.246-307, 2011

VI. **Lineer Cebir Çözümlü Problemleri**

Yeşilot G.

Birsen Yayınevi, İstanbul, 2008

Refereed Congress / Symposium Publications in Proceedings

I. **Some Results On Prime And 2-Absorbing Primary C-Ideals Of Multiplicative Hyperring**

YEŞİLOT G., Aytaç N.

MICOPAM 2018, Antalya, Turkey, 26 October 2018, pp.85

II. **Fuzzy Structures Relation To Hyper Algebraic Structures**

SAÇLI V., YEŞİLOT G.

ICMSA 2018, 4 - 06 October 2018

III. **A Note On 2-Absorbing Primary Fuzzy Ideals**

SÖNMEZ D., YEŞİLOT G., ONAR S., ERSOY B. A.

The 5th International Fuzzy Systems Symposium (FUZZYSS'17), Ankara, Turkey, 14 October 2017, pp.9

IV. **2-Absorbing δ -Primary Fuzzy Ideals of Commutative Rings**

SÖNMEZ D., YEŞİLOT G., ONAR S., ERSOY B. A.

13th Algebraic Hyperstructures and its Applications, İstanbul, Turkey, 24 - 27 July 2017

V. **A new study on 2-absorbing Ideals of Gamma Rings**

SÖNMEZ D., YEŞİLOT G., ONAR S., ERSOY B. A.

International Conference on Mathematics and Engineering, İstanbul, Turkey, 10 May 2017, pp.99

VI. **On weakly prime fuzzy ideals of commutative rings**

SÖNMEZ D., YEŞİLOT G.

International Congress on Fundamental and Applied Sciences (ICFAS2016), İstanbul, Turkey, 22 August 2016, pp.65

VII. **A Note on 2-Absorbing Primary Hyperideals of Multiplicative Hyperrings**

Süzen N., YEŞİLOT G.

5th International Eurasian Conference on Mathematical Sciences and Applications (IECMSA-2016), Belgrad, Serbia And Montenegro, 16 August 2016, pp.24-25

VIII. **Delta-Primary Hyperideals on Commutative Hyperrings**

Özel Ay E., YEŞİLOT G., SÖNMEZ D.

5th International Eurasian Conference on Mathematical Sciences and Applications (IECMSA-2016), Belgrad, Serbia And Montenegro, 16 August 2016, pp.18

IX. **Some Results On 2-(0-) Primary Fuzzy Ideals of Commutative Semirings**

SÖNMEZ D., YEŞİLOT G.

5th INTERNATIONAL EURASIAN CONFERENCE ON MATHEMATICAL SCIENCES AND APPLICATIONS, Belgrad, Serbia And Montenegro, 16 August 2016, pp.15

X. **Delta-primary Fuzzy Ideals**

SÖNMEZ D., YEŞİLOT G.

The 4th International Fuzzy Systems Symposium Fuzzyss'15, İstanbul, Turkey, 05 November 2015, pp.440-442

XI. **A note on 2.absorbing Delta Primary Ideals**

YEŞİLOT G.

Second International Conference Of Mathematics And Statistics, Sharjah, United Arab Emirates, 02 April 2015, pp.153

XII. **Delta Primary Submodules of Modules**

YEŞİLOT G.

V.Congress of Mathematicians of Macedonia, Ohrid, Macedonia, 24 September 2014, pp.114

XIII. **A Note On Special Submodules In Modules**

YEŞİLOT G.

1-st International Western Conference of Mathematical Sciences, Elbasan, Albania, 30 May 2013, pp.43

XIV. **Derivative Operators on the Logarithmic Extension of the Two-Parameter Quantum 3D Space**

ÖZAVŞAR M., Yeşilot G.

International Conference on Applied Analysis and Algebra, Istanbul, Turkey, 01 June 2012

XV. **On the Two-Parameter Quantum 3D Space and Its Logarithmic Extension**

ÖZAVŞAR M., Yesilot G.

X. Geometri Sempozyumu, 01 June 2012

XVI. **Cartan-Maurer Forms over Quantum Space with Two Parameters**

ÖZAVŞAR M., Yeşilot G.

Internationa Conference on Applied Analysis and Algebra, 01 June 2011

Supported Projects

YEŞİLOT G., SÖNMEZ D., Project Supported by Higher Education Institutions, Değişmeli Halkalar Üzerindeki Bazı Bulanık İdealler, 2015 - 2020

Scientific Refereeing

A ZARISKI TOPOLOGY FOR SEMIMODULES, SCI Journal, March 2011

The MacWilliams Theorem for Four-Dimensional Modulo Metric, SCI Journal, February 2011

Citations

Total Citations (WOS):14

h-index (WOS):2