

Res. Asst. PhD SUAT KOÇ

Personal Information

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Education Information

Doctorate, Marmara University, Institute for Graduate Studies in Pure and Applied Sciences, Matematik (Dr), Turkey 2015 - 2019

Post Graduate, Marmara University, Institute for Graduate Studies in Pure and Applied Sciences, Teorik Matematik (YI) (Tezli), Turkey 2013 - 2015

Under Graduate, Marmara University, Faculty of Arts and Sciences, Mathematics, Turkey 2008 - 2012

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Değişmeli Halkaların Bazı Özel İdealleri ve Modüllerin Bazı Özel Alt Modülleri, Marmara University, Fen - Edebiyat Fakültesi, Matematik Bölümü, 2019

Post Graduate, Sürekli fonksiyon halkalarının bazı özel idealleri, Marmara Üniversitesi, Fen Bilimleri Enstitüsü, Teorik Matematik (YI) (Tezli), 2015

Research Areas

Commutative Rings and Algebras

Academic Titles / Tasks

Research Assistant PhD, Marmara University, Faculty of Arts and Sciences, Mathematics, 2019 - Continues

Research Assistant, Marmara University, Faculty of Arts and Sciences, Mathematics, 2014 - 2019

Courses

Topluma Hizmet Uygulamaları, Under Graduate, 2020 - 2021

Discrete Mathematics, Under Graduate, 2020 - 2021

Sayılar Teorisine Giriş, Under Graduate, 2016 - 2017, 2017 - 2018, 2020 - 2021

Soyut Cebir I, Under Graduate, 2019 - 2020

Soyut Cebir I, Under Graduate, 2016 - 2017, 2018 - 2019, 2019 - 2020

Soyut Cebir II, Under Graduate, 2016 - 2017, 2017 - 2018

Lineer Cebir I, Under Graduate, 2017 - 2018

Cebir II, Under Graduate, 2016 - 2017
Cebir III, Under Graduate, 2016 - 2017
Analiz IV, Under Graduate, 2015 - 2016
Analiz II, Under Graduate, 2014 - 2015
Analiz III, Under Graduate, 2014 - 2015, 2015 - 2016

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

- I. **On principal element lattices**
Shum K. P. , Ulucak G., TEKİR Ü., KOÇ S.
Algebra Universalis, vol.82, no.2, 2021 (Journal Indexed in SCI Expanded)
- II. **On weakly 1-absorbing prime ideals**
Koç S., Tekir Ü., Yıldız E.
RICERCHE DI MATEMATICA, 2021 (Journal Indexed in SCI)
- III. **On weakly 2-prime ideals in commutative rings**
KOÇ S.
Communications in Algebra, 2021 (Journal Indexed in SCI Expanded)
- IV. **Eisenstein irreducibility criterion for modules**
TEKİR Ü., KOÇ S.
Comptes Rendus de L'Academie Bulgare des Sciences, vol.74, no.1, pp.23-28, 2021 (Journal Indexed in SCI Expanded)
- V. **Quasi regular modules and trivial extension**
Jayaram C., TEKİR Ü., KOÇ S.
Hacettepe Journal of Mathematics and Statistics, vol.50, no.1, pp.120-134, 2021 (Journal Indexed in SCI Expanded)
- VI. **On S-Zariski topology**
YILDIZ E., ERSOY B. A. , TEKİR Ü., KOÇ S.
COMMUNICATIONS IN ALGEBRA, 2020 (Journal Indexed in SCI)
- VII. **On S-multiplication modules**
Anderson D. D. , Arabaci T., TEKİR Ü., KOÇ S.
COMMUNICATIONS IN ALGEBRA, vol.48, no.8, pp.3398-3407, 2020 (Journal Indexed in SCI)
- VIII. **S-Artinian rings and finitely S-cogenerated rings**
ŞENGELEN SEVİM E., TEKİR Ü., KOÇ S.
JOURNAL OF ALGEBRA AND ITS APPLICATIONS, vol.19, no.3, 2020 (Journal Indexed in SCI)
- IX. **On Divided Modules**
TEKİR Ü., Ulucak G., KOÇ S.
IRANIAN JOURNAL OF SCIENCE AND TECHNOLOGY TRANSACTION A-SCIENCE, vol.44, pp.265-272, 2020 (Journal Indexed in SCI)
- X. **On S-2-absorbing submodules and vn-regular modules**
Ulucak G., TEKİR Ü., KOÇ S.
ANALELE STIINTIFICE ALE UNIVERSITATII OVIDIUS CONSTANTA-SERIA MATEMATICA, vol.28, no.2, pp.239-257, 2020 (Journal Indexed in SCI)
- XI. **Generalizations Of Second Submodules**
Gezen S. C. , TEKİR Ü., KOÇ S., Kelleqi A.
FILOMAT, vol.34, no.12, pp.3995-4004, 2020 (Journal Indexed in SCI)
- XII. **(2, J)-IDEALS IN COMMUTATIVE RINGS**
YILDIZ E., TEKİR Ü., KOÇ S.
COMPTEs RENDUS DE L ACADEMIE BULGARE DES SCIENCES, vol.73, no.9, pp.1201-1209, 2020 (Journal Indexed in SCI)
- XIII. **ON STRONGLY QUASI PRIMARY IDEALS**
KOÇ S., TEKİR Ü., ULUCAK G.

BULLETIN OF THE KOREAN MATHEMATICAL SOCIETY, vol.56, no.3, pp.729-743, 2019 (Journal Indexed in SCI)

- XIV. **On S-prime submodules**
ŞENGELEN SEVİM E., Arabaci T., TEKİR Ü., KOÇ S.
TURKISH JOURNAL OF MATHEMATICS, vol.43, no.2, pp.1036-1046, 2019 (Journal Indexed in SCI)
- XV. **ON n-PRIME IDEALS**
ŞENGELEN SEVİM E., KOÇ S.
UNIVERSITY POLITEHNICA OF BUCHAREST SCIENTIFIC BULLETIN-SERIES A-APPLIED MATHEMATICS AND PHYSICS, vol.80, no.2, pp.179-190, 2018 (Journal Indexed in SCI)
- XVI. **On n-absorbing delta-primary ideals**
ULUCAK G., TEKİR Ü., KOÇ S.
TURKISH JOURNAL OF MATHEMATICS, vol.42, no.4, pp.1833-1844, 2018 (Journal Indexed in SCI)
- XVII. **r-Submodules and sr-Submodules**
Koç S., Tekir Ü.
TURKISH JOURNAL OF MATHEMATICS, vol.42, no.4, pp.1863-1876, 2018 (Journal Indexed in SCI)
- XVIII. **On 2-Absorbing Quasi Primary Submodules**
Koç S., Uregen R. N. , Tekir Ü.
FILOMAT, vol.31, pp.2943-2950, 2017 (Journal Indexed in SCI)
- XIX. **n-Ideals of Commutative Rings**
TEKİR Ü., KOÇ S., Oral K. H.
FILOMAT, vol.31, no.10, pp.2933-2941, 2017 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **On graded 1-absorbing prime ideals**
ABU DAWWAS R., YILDIZ E., TEKİR Ü., KOÇ S.
São Paulo Journal of Mathematical Sciences, 2021 (Refereed Journals of Other Institutions)
- II. **Generalization of 2-absorbing quasi primary ideals**
ASLANKARAYIĞİT UĞURLU E., KOÇ S., TEKİR Ü.
Novi Sad Journal of Mathematics, 2021 (Refereed Journals of Other Institutions)
- III. **On ϕ -1-absorbing prime ideals**
YILDIZ E., TEKİR Ü., KOÇ S.
Beiträge zur Algebra und Geometrie / Contributions to Algebra and Geometry, 2021 (Refereed Journals of Other Institutions)
- IV. **On Strongly pi-Regular Modules**
KOÇ S.
Sakarya University Journal of Science, vol.24, no.4, pp.675-684, 2020 (Other Refereed National Journals)
- V. **Strongly Prime Submodules and Strongly 0-dimensional Modules**
BİLGİN Z., KOÇ S., ÖZKİRİŞÇİ N. A.
Algebra and Discrete Mathematics, vol.28, no.2, pp.171-183, 2020 (Refereed Journals of Other Institutions)
- VI. **On graded 2-absorbing quasi primary ideals**
TEKİR Ü., ÜREGEN R. N. , SHUM K. P. , KOÇ S.
Southeast Asian Bulletin of Mathematics, 2019 (Refereed Journals of Other Institutions)
- VII. **A note on finite union of primary submodules**
ŞENGELEN SEVİM E., ARABACI T., TEKİR Ü., KOÇ S.
Eurasian Bulletin of Mathematics, vol.2, no.1, pp.32-35, 2019 (Refereed Journals of Other Institutions)
- VIII. **A note on primary spectrum over commutative rings**
ÖZKİRİŞÇİ, N. A. , KILIÇ Z., KOÇ S.
Analele Stiintifice Ale Universitatii Al I Cuza Din Iasi-Serie Noua-Matematica, vol.64, pp.111-119, 2018 (Refereed Journals of Other Institutions)
- IX. **A short note on a generalization of pure ideals in commutative semigroups**

AKÇA F., KOÇ S.

International Mathematical Forum, vol.12, pp.635-641, 2017 (Refereed Journals of Other Institutions)

X. **On 2-Absorbing Quasi-Primary Ideals in Commutative Rings**

TEKİR Ü., KOÇ S., Oral K. H. , Shum K. P.

COMMUNICATIONS IN MATHEMATICS AND STATISTICS, vol.4, no.1, pp.55-62, 2016 (Journal Indexed in ESCI)

XI. **r-Ideals of commutative semigroups**

Erbay M. A. , TEKİR Ü., KOÇ S.

International Journal of Algebra, vol.10, no.11, pp.525-533, 2016 (Refereed Journals of Other Institutions)

Refereed Congress / Symposium Publications in Proceedings

I. **2- Absorbing ϕ - δ -Primary Ideals**

YAVUZ S., KOÇ S., ONAR S., ERSOY B. A. , TEKİR Ü.

3RD INTERNATIONAL CONFERENCE ON LIFE AND ENGINEERING SCIENCES (ICOLES 2020), İstanbul, Turkey, 11 - 13 December 2020

II. **On Phi-Delta Primary Submodules**

KAYA E., Bolat M., ERSOY B. A. , TEKİR Ü., KOÇ S.

3RD INTERNATIONAL CONFERENCE ON LIFE AND ENGINEERING SCIENCES (ICOLES 2020), İstanbul, Turkey, 11 - 13 December 2020, pp.40

III. **A study on a graph of modules over commutative rings**

KOÇ S.

3rd International Conference on Mathematical and Related Sciences: Current Trends and Developments (ICMRS 2020), 20 - 22 November 2020

IV. **A Generalization of Zariski Topology**

YILDIZ E., ERSOY B. A. , TEKİR Ü., KOÇ S.

4. International Conference on Mathematics: An Istanbul Meeting for World Mathematicians, 27 - 30 October 2020

V. **On Principal Ideal Multiplication Modules**

KOÇ S.

III. INTERNATIONAL ANKARA CONFERENCE ON SCIENTIFIC RESEARCH, Ankara, Turkey, 2 - 04 October 2020

VI. **On Modules Satisfying S-DCCR Condition**

NAJI O., ÖZEN M., TEKİR Ü., KOÇ S.

INTERNATIONAL GÖBEKLİTEPE APPLIED SCIENCES CONGRESS, 5 - 07 June 2020

VII. **THE DUAL NOTION OF S-MULTIPLICATION MODULES**

YILDIZ E., TEKİR Ü., KOÇ S.

INTERNATIONAL GÖBEKLİTEPE APPLIED SCIENCES CONGRESS, 5 - 07 June 2020

VIII. **ON S-PRIME SUBMODULES**

ŞENGELEN SEVİM E., ARABACI T., TEKİR Ü., KOÇ S.

INTERNATIONAL GÖBEKLİTEPE APPLIED SCIENCES CONGRESS, Şanlıurfa, Turkey, 5 - 07 June 2020

IX. **A note on Factorial Modules**

TEKİR Ü., KOÇ S.

INTERNATIONAL GÖBEKLİTEPE APPLIED SCIENCES CONGRESS, 5 - 07 June 2020

X. **A STUDY ON PHI-2-ABSORBING QUASI PRIMARY IDEALS**

ASLANKARAYİĞİT E., TEKİR Ü., KOÇ S.

INTERNATIONAL GÖBEKLİTEPE APPLIED SCIENCES CONGRESS, 5 - 07 June 2020

XI. **Değişmeli Halkaların Asalımsı Spektrumu**

KOÇ S., ÖZKİRİŞÇİ N. A. , KILIÇ Z.

3. Marmara Matematik Günleri, Turkey, 28 - 29 September 2017

XII. **Weakly Prime Ideals In Commutative Semigroups**

TEKİR Ü., ÜREGEN R. N. , SEVER M., KOÇ S.

2ND INTERNATIONAL CONFERENCE ON ADVANCES IN NATURAL AND APPLIED SCIENCES ICANAS 2017 Antalya,

TURKEY April 18-21, 2017, 18 April 2017

XIII. On Graded 2-Absorbing Quasi Primary Ideals

ÜREGEN R. N. , TEKİR Ü., KOÇ S.

INTERNATIONAL CONFERENCE ON MATHEMATICS AND ENGINEERING, İstanbul, Turkey, 10 - 12 May 2017

XIV. 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 - 12 May 2017

XV. A covering condition for primary spectrum

ÖZKİRİŞÇİ N. A. , KILIÇ Z., KOÇ S.

The International Conference on Algebra and its Applications, Morocco, 26 - 28 April 2017

XVI. n Ideals of Commutative rings

Koç S., Tekir Ü., Oral K. H.

ATA2016 Analysis, Topology and Algebra, Chachak, Serbia, 6 - 09 July 2016

XVII. On 2 Absorbing Quasi Primary Submodules

KOÇ S., ÜREGEN R. N. , TEKİR Ü.

Analysis, Topology and Algebra (ATA2016) SIRBISTAN, 6 - 09 July 2016

XVIII. Rings of Continuous Functions

Tekir Ü., Oral K. H. , Koç S.

Applied Mathematics Approximation Theory - AMAT 2015, Ankara, Turkey, 28 - 31 May 2015

Activities in Scientific Journals

Eurasian Bulletin of Mathematics, Editor, 2018 - Continues

Scientific Refereeing

Khayyam Journal of Mathematics, Journal Indexed in ESCI, January 2021

FILOMAT, Journal Indexed in SCI-E, December 2020

Southeast Asian Bulletin of Mathematics, Journal Indexed in ESCI, December 2020

Journal of Mathematical Extension, Journal Indexed in ESCI, November 2020

Demonstratio Mathematica, Journal Indexed in ESCI, October 2020

FILOMAT, SCI Journal, July 2020

Novi Sad Journal of Mathematics, Journal Indexed in ESCI, July 2020

QUAESTIONES MATHEMATICAE, Journal Indexed in SCI-E, October 2019

Iranian Journal of Mathematical Sciences and Informatics, Journal Indexed in ESCI, March 2019

Communications Faculty of Sciences University of Ankara Series A1 Mathematics and Statistics, Journal Indexed in ESCI, December 2018

Tasks In Event Organizations

Tiryakioğlu B., Koç S., III. Marmara Matematik Günleri (MMG 2017), Scientific Congress, İstanbul, Turkey, Eylül 2017

Tiryakioğlu B., KOÇ S., International Confererence on Applied Analysis and Mathematical Modelling (ICAAMM'17), Scientific Congress, İstanbul, Turkey, Temmuz 2017

Tiryakioğlu B., KOÇ S., II. Marmara Matematik Günleri (MMG 2016), Scientific Congress, İstanbul, Turkey, Ekim 2016

Citations

Total Citations (WOS):45

h-index (WOS):5

Scholarships

YURT İÇİ DOKTORA LİSANS BURS, TUBITAK, 2015 - 2019

YURT İÇİ YÜKSEK LİSANS BURS, TUBITAK, 2013 - 2015

Awards

Koç S., Ulakbim Uluslararası Bilimsel Yayın Teşvik Programı, Ulakbim, September 2019

Koç S., Ulakbim Uluslararası Bilimsel Yayın Teşvik Programı, Ulakbim , September 2019