

Res. Asst. PhD SUAT KOÇ

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAI-5671-2021

ScopusID: 57189998556

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Education Information

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

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

Undergraduate, 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, Faculty of Arts and Sciences, Mathematics, 2019

Postgraduate, Sürekli fonksiyon halkalarının bazı özel idealleri, Marmara Üniversitesi, Institute for Graduate Studies in Pure and Applied Sciences, 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

Discrete Mathematics, Undergraduate, 2021 - 2022, 2020 - 2021
Sayılar Teorisine Giriş, Undergraduate, 2021 - 2022, 2020 - 2021
Topluma Hizmet Uygulamaları, Undergraduate, 2020 - 2021
Cebir I, Undergraduate, 2020 - 2021
Soyut Cebir I, Undergraduate, 2019 - 2020

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **On weakly 1-absorbing prime ideals**
Koç S., Tekir Ü., Yıldız E.
RICERCHE DI MATEMATICA, vol.72, no.2, pp.723-738, 2023 (SCI-Expanded)
- II. **Locally torsion-free modules**
Jayaram C., Uğurlu E. A., TEKİR Ü., KOÇ S.
Journal of Algebra and its Applications, vol.22, no.5, 2023 (SCI-Expanded)
- III. **On Baer modules**
Jayaram C., Tekir Ü., Koç S.
Revista De La Union Matematica Argentina, vol.63, pp.1-19, 2022 (SCI-Expanded)
- IV. **On S-comultiplication Modules**
Yıldız E., Tekir Ü., Koç S.
Turkish Journal Of Mathematics, vol.46, pp.1-13, 2022 (SCI-Expanded)
- V. **On weakly 2-prime ideals in commutative rings**
KOÇ S.
Communications in Algebra, vol.49, pp.3387-3397, 2021 (SCI-Expanded)
- VI. **On principal element lattices**
Shum K. P., Ulucak G., TEKİR Ü., KOÇ S.
Algebra Universalis, vol.82, no.2, 2021 (SCI-Expanded)
- VII. **On (m, n)-semiprime submodules**
PEKİN A., KOÇ S., Ugurlu E. A.
PROCEEDINGS OF THE ESTONIAN ACADEMY OF SCIENCES, vol.70, no.3, pp.260-267, 2021 (SCI-Expanded)
- VIII. **ON PSEUDO 2-PRIME IDEALS AND ALMOST VALUATION DOMAINS**
KOÇ S.
BULLETIN OF THE KOREAN MATHEMATICAL SOCIETY, vol.58, no.4, pp.897-908, 2021 (SCI-Expanded)
- IX. **On 1-absorbing delta-primary ideals**
El Khalfi A., Mahdou N., TEKİR Ü., KOÇ S.
ANALELE STIINTIFICE ALE UNIVERSITATII OVIDIUS CONSTANTA-SERIA MATEMATICA, vol.29, no.3, pp.135-150, 2021 (SCI-Expanded)
- X. **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 (SCI-Expanded)
- XI. **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 (SCI-Expanded)
- XII. **2-absorbing phi-delta-primary ideals**
Yavuz S., ONAR S., ERSOY B. A., TEKİR Ü., KOÇ S.
TURKISH JOURNAL OF MATHEMATICS, vol.45, pp.1927-1939, 2021 (SCI-Expanded)
- XIII. **On S-Zariski topology**
YILDIZ E., ERSOY B. A., TEKİR Ü., KOÇ S.
COMMUNICATIONS IN ALGEBRA, vol.49, no.3, pp.1212-1224, 2020 (SCI-Expanded)
- XIV. **On S-multiplication modules**
Anderson D. D., Arabaci T., TEKİR Ü., KOÇ S.

- COMMUNICATIONS IN ALGEBRA, vol.48, no.8, pp.3398-3407, 2020 (SCI-Expanded)
- XV. **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 (SCI-Expanded)
- XVI. **On Divided Modules**
 TEKİR Ü., Ulucak G., KOÇ S.
 IRANIAN JOURNAL OF SCIENCE AND TECHNOLOGY TRANSACTION A-SCIENCE, vol.44, pp.265-272, 2020 (SCI-Expanded)
- XVII. **(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 (SCI-Expanded)
- XVIII. **Generalizations Of Second Submodules**
 Gezen S. C., TEKİR Ü., KOÇ S., Kelleqi A.
 FILOMAT, vol.34, no.12, pp.3995-4004, 2020 (SCI-Expanded)
- XIX. **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 (SCI-Expanded)
- XX. **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 (SCI-Expanded)
- XXI. **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 (SCI-Expanded)
- XXII. **On n-absorbing delta-primary ideals**
 ULUCAK G., TEKİR Ü., KOÇ S.
 TURKISH JOURNAL OF MATHEMATICS, vol.42, no.4, pp.1833-1844, 2018 (SCI-Expanded)
- XXIII. **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 (SCI-Expanded)
- XXIV. **r-Submodules and sr-Submodules**
 Koç S., Tekir Ü.
 TURKISH JOURNAL OF MATHEMATICS, vol.42, no.4, pp.1863-1876, 2018 (SCI-Expanded)
- XXV. **On 2-Absorbing Quasi Primary Submodules**
 Koç S., Uregen R. N., Tekir Ü.
 FILOMAT, vol.31, pp.2943-2950, 2017 (SCI-Expanded)
- XXVI. **n-Ideals of Commutative Rings**
 TEKİR Ü., KOÇ S., Oral K. H.
 FILOMAT, vol.31, no.10, pp.2933-2941, 2017 (SCI-Expanded)

Articles Published in Other Journals

- I. **On graded coherent-like properties in trivial ring extensions**
 Assarrar A., Mahdou N., Tekir Ü., Koç S.
 Bollettino dell'Unione Matematica Italiana, vol.2022, pp.1-13, 2022 (ESCI)
- II. **On ϕ -1-absorbing prime ideals**
 YILDIZ E., TEKİR Ü., KOÇ S.
 Beiträge zur Algebra und Geometrie / Contributions to Algebra and Geometry, vol.62, pp.907-918, 2021 (ESCI)
- III. **On modules satisfying S-dccr condition**

Özen M., Naji O. A., Tekir Ü., Koç S.

Beiträge zur Algebra und Geometrie / Contributions to Algebra and Geometry, vol.2021, pp.1-14, 2021 (ESCI)

- IV. **On graded 1-absorbing prime ideals**
ABU DAWWAS R., YILDIZ E., TEKİR Ü., KOÇ S.
São Paulo Journal of Mathematical Sciences, vol.15, pp.450-462, 2021 (ESCI)
- V. **Generalization of 2-absorbing quasi primary ideals**
ASLANKARAYIĞIT UĞURLU E., KOÇ S., TEKİR Ü.
Novi Sad Journal of Mathematics, 2021 (Scopus)
- VI. **On Strongly pi-Regular Modules**
KOÇ S.
Sakarya University Journal of Science, vol.24, no.4, pp.675-684, 2020 (Peer-Reviewed Journal)
- VII. **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 (ESCI)
- VIII. **On graded 2-absorbing quasi primary ideals**
TEKİR Ü., ÜREGEN R. N., SHUM K. P., KOÇ S.
Southeast Asian Bulletin of Mathematics, 2019 (ESCI)
- IX. **A note on finite union of primary submodules**
ŞENGELİN SEVİM E., ARABACI T., TEKİR Ü., KOÇ S.
Eurasian Bulletin of Mathematics, vol.2, no.1, pp.32-35, 2019 (Peer-Reviewed Journal)
- X. **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 (Scopus)
- XI. **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 (Peer-Reviewed Journal)
- XII. **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 (ESCI)
- XIII. **r-Ideals of commutative semigroups**
Erbay M. A., TEKİR Ü., KOÇ S.
International Journal of Algebra, vol.10, no.11, pp.525-533, 2016 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **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
- II. **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
- 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**
NAJİ O., ÖZEN M., TEKİR Ü., KOÇ S.
INTERNATIONAL GÖBEKLİTEPE APPLIED SCIENCES CONGRESS, 5 - 07 June 2020
- VII. **ON S-PRIME SUBMODULES**
ŞENGELİN SEVİM E., ARABACI T., TEKİR Ü., KOÇ S.
INTERNATIONAL GÖBEKLİTEPE APPLIED SCIENCES CONGRESS, Şanlıurfa, Turkey, 5 - 07 June 2020
- VIII. **A STUDY ON Φ -2-ABSORBING QUASI PRIMARY IDEALS**
ASLANKARAYIĞİT E., TEKİR Ü., KOÇ S.
INTERNATIONAL GÖBEKLİTEPE APPLIED SCIENCES CONGRESS, 5 - 07 June 2020
- IX. **A note on Factorial Modules**
TEKİR Ü., KOÇ S.
INTERNATIONAL GÖBEKLİTEPE APPLIED SCIENCES CONGRESS, 5 - 07 June 2020
- X. **THE DUAL NOTION OF S-MULTIPLICATION MODULES**
YILDIZ E., TEKİR Ü., KOÇ S.
INTERNATIONAL GÖBEKLİTEPE APPLIED SCIENCES CONGRESS, 5 - 07 June 2020
- XI. **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
- XII. **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
- 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. **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
- XV. **n Ideals of Commutative rings**
Koç S., Tekir Ü., Oral K. H.
ATA2016 Analysis, Topology and Algebra, Chachak, Serbia, 6 - 09 July 2016
- XVI. **On 2 Absorbing Quasi Primary Submodules**
KOÇ S., ÜREGEN R. N., TEKİR Ü.
Analysis, Topology and Algebra (ATA2016) SIRBISTAN, 6 - 09 July 2016
- XVII. **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

Missouri Journal of Mathematical Sciences, Journal Indexed in ESCI, March 2022

FILOMAT, Journal Indexed in SCI-E, February 2022

TURKISH JOURNAL OF MATHEMATICS, Journal Indexed in SCI-E, January 2022
MATHEMATICS, Journal Indexed in SCI-E, November 2021
Kyungpook Mathematical Journal, Journal Indexed in ESCI, August 2021
Demonstratio Mathematica, Journal Indexed in ESCI, August 2021
TAIWANESE JOURNAL OF MATHEMATICS, SCI Journal, July 2021
Missouri Journal of Mathematical Sciences, Journal Indexed in ESCI, July 2021
Journal of Mathematical Extension, Journal Indexed in ESCI, July 2021
IRANIAN JOURNAL OF SCIENCE AND TECHNOLOGY TRANSACTION A-SCIENCE, Journal Indexed in SCI-E, June 2021
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 2017), Scientific Congress, İstanbul, Turkey, Temmuz 2017
Tiryakioğlu B., KOÇ S., II. Marmara Matematik Günleri (MMG 2016), Scientific Congress, İstanbul, Turkey, Ekim 2016

Metrics

Publication: 58
Citation (WoS): 198
Citation (Scopus): 268
H-Index (WoS): 9
H-Index (Scopus): 10

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, December 2021
Koç S., Ulakbim Uluslararası Bilimsel Yayın Teşvik Programı, Ulakbim, November 2021
Koç S., Ulakbim Uluslararası Bilimsel Yayın Teşvik Programı, Ulakbim, September 2019
Koç S., Ulakbim Uluslararası Bilimsel Yayın Teşvik Programı, Ulakbim , September 2019