Assoc. Prof. SULTAN EYLEM TOKSOY

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International Researcher IDs

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Education Information

Post Doctorate, Hacettepe University, Fen Fakültesi, Matematik Bölümü, Turkey 2011 - 2012

Doctorate, Ege University, Fen Bilimleri Enstitüsü, Matematik, Turkey 2004 - 2008

Postgraduate, Izmir Institute Of Technology, Fen Ve Mühendislik Bilimleri Enstitüsü, Matematik, Turkey 2001 - 2004

Undergraduate, Ege University, Faculty Of Science, Matematik Bölümü, Turkey 1996 - 2000

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Kafeslerde tümleyenler, Ege Üniversitesi, Fen Bilimleri Enstitüsü, Matematik (Dr), 2008

Postgraduate, Absolutely supplement and absolutely complement modules, İzmir Yüksek Teknoloji Enstitüsü, Fen Fakültesi, Matematik Bölümü, 2004

Research Areas

Mathematics, Associative Rings and Algebras, Commutative Rings and Algebras, General Algebraic Systems, Classification Theory and Homological Algebra, Sort, weave, ordered algebraic structures, Natural Sciences

Academic Titles / Tasks

Associate Professor, Hacettepe University, Fen Fakültesi, Matematik Bölümü, 2017 - Continues

Assistant Professor, Hacettepe University, Fen Fakültesi, Matematik Bölümü, 2016 - 2017

Research Assistant, Izmir Institute Of Technology, Faculty Of Scıence, Department Of Mathematıcs, 2000 - 2014

Academic and Administrative Experience

Head of Department, Hacettepe University, Fen Fakültesi, Matematik Bölümü, 2016 - Continues
Deputy Head of Department, Hacettepe University, Fen Fakültesi, Matematik Bölümü, 2017 - 2018

Courses

Kategori Teorisine Giriş, Doctorate, 2020 - 2021
Soyut Cebir II, Undergraduate, 2019 - 2020
Homoloji Cebir I, Doctorate, 2020 - 2021
Doğrusal Cebire Giriş, Undergraduate, 2019 - 2020
Çalışma Metodları II, Undergraduate, 2019 - 2020, 2016 - 2017
Linear Algebra, Undergraduate, 2020 - 2021
Temel Doğrusal Cebir , Undergraduate, 2019 - 2020, 2016 - 2017
Değişmeli Cebire Giriş, Postgraduate, 2019 - 2020
Değişmeli Halka Teorisi I, Undergraduate, 2019 - 2020, 2017 - 2018
Çalışma Metodları I, Undergraduate, 2017 - 2018, 2016 - 2017
Matematik II, Undergraduate, 2016 - 2017
Homolojik Cebire Giriş, Postgraduate, 2016 - 2017
Soyut Cebir I, Undergraduate, 2017 - 2018
Soyut Cebir I, Undergraduate, 2017 - 2018
Matematik II, Undergraduate, 2016 - 2017
Bilgisayar Des. Mate.Pro. II , Undergraduate, 2016 - 2017
Matematik, Undergraduate, 2016 - 2017
Bilgisayar Destekli Matematik Projesi I, Undergraduate, 2016 - 2017
Elemanter Sayı Kuramı, Undergraduate, 2016 - 2017
Temel Matematik, Undergraduate, 2016 - 2017
Temel Matematik I, Undergraduate, 2016 - 2017

Published journal articles indexed by SCI, SSCI, and AHCI

I. **Pure-direct-projective modules**
ALİZADE R., TOKSOY S. E.
JOURNAL OF ALGEBRA AND ITS APPLICATIONS, vol.23, no.1, 2024 (SCI-Expanded)

II. **Cofinitely weak f-supplemented lattices**
TOKSOY S. E.
Journal of Algebra and its Applications, 2024 (SCI-Expanded)

III. **Purely Rickart and Dual Purely Rickart Objects in Grothendieck Categories**
Toksoy S. E.
Mediterranean Journal Of Mathematics, vol.18, no.5, pp.1-25, 2021 (SCI-Expanded)

IV. **Copure direct injective modules**
Maurya S. K., Toksoy S. E.
Journal Of Algebra And Its Applications, no.-, pp.1-12, 2021 (SCI-Expanded)

V. **Modules with minimal copure-injectivity domain**
TOKSOY S. E.
JOURNAL OF ALGEBRA AND ITS APPLICATIONS, vol.18, no.11, 2019 (SCI-Expanded)

VI. **ABSOLUTE CO-SUPPLEMENT AND ABSOLUTE CO-COCLOSED MODULES**
Tutuncu D. K., Toksoy S. E.
HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, vol.42, no.1, pp.67-79, 2013 (SCI-Expanded)

VII. **Cofinitely Supplemented Modular Lattices**
Alizade R., Toksoy S. E.

ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING, vol.36, no.6, pp.919-923, 2011 (SCI-Expanded)

VIII. **COFINITELY WEAK SUPPLEMENTED LATTICES**

Alizade R., Toksoy S. E.

INDIAN JOURNAL OF PURE & APPLIED MATHEMATICS, vol.40, no.5, pp.337-346, 2009 (SCI-Expanded)

IX. **Pure-direct-objects in categories: transfer via functors**

TOKSOY S. E.

Communications in Algebra, vol.51, no.9, pp.3916-3928, 1 (SCI-Expanded)

Articles Published in Other Journals

I. **Pure-direct-injective objects in Grothendieck categories**

TOKSOY S. E., Yiğit A.

Sao Paulo Journal of Mathematical Sciences, vol.17, no.2, pp.831-849, 2023 (Scopus)

II. **Cofinitely (Weak) G-Supplemented Lattices**

Toksoy S. E.

Düzce Üniversitesi Bilim ve Teknoloji Dergisi, vol.10, no.1, pp.476-482, 2022 (Peer-Reviewed Journal)

III. **A note on endomorphism rings of semi-projective modules**

Toksoy S. E.

Math. Proc. R. Ir. Acad., vol.112, no.2, pp.93-99, 2013 (Peer-Reviewed Journal)

IV. **Noetherian and Artinian lattices**

KESKİN TÜTÜNCÜ D., Toksoy S. E., Tribak R.

International Journal of Mathematics and Mathematical Sciences, vol.2012, 2012 (Scopus)

Refereed Congress / Symposium Publications in Proceedings

I. **On Dual Baer Modules**

Tutuncu D. K., Smith P. F., Toksoy S. E.

31st Ohio State-Denison Mathematics Conference, Ohio, United States Of America, 25 - 27 May 2012, vol.609, pp.173-175

II. **Absolute co supplement and absolute co coclosed modules**

KESKİN TÜTÜNCÜ D., TOKSOY S. E.

Recent Trends in Rings and Algebras, Murcia, Spain, 3 - 07 June 2013

III. **On Cofinitely Supplemented Lattices**

ALİZADE R., TOKSOY S. E.

Antalya Algebra Days XII, 19 - 22 May 2010

IV. **Extensions of Weakly Supplemented Lattices**

TOKSOY S. E., ALİZADE R.

Antalya Algebra Days X, Antalya, Turkey, 28 May - 01 June 2008

V. **Weakly Supplemented Lattices**

TOKSOY S. E.

Antalya Algebra Days IX, Antalya, Turkey, 22 - 27 May 2007, pp.67

VI. **Cofinitely Weak Supplemented Lattices**

TOKSOY S. E., ALİZADE R.

International Conference on Modules and Comodules, Porto, Portugal, 8 - 10 September 2006

VII. **Amply Cofinitely Supplemented Lattices**

TOKSOY S. E., ALİZADE R.

Antalya Algebra Days VIII, Antalya, Turkey, 17 - 21 May 2006, pp.52

VIII. **Absolutely Supplement Modules**

TOKSOY S. E., ALİZADE R.

Antalya Algebra Days VII, 18 - 22 May 2005

Memberships / Tasks in Scientific Organizations

Kadın Matematikçiler Derneği, Member, 2015 - Continues, Turkey
American Mathematical Society, Member, 2005 - Continues, United States Of America

Scientific Refereeing

Palestine Journal of Mathematics, Other Indexed Journal, September 2021
TUBITAK Project, 1002 - Quick Support Program, Hacettepe University, Turkey, June 2021
TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Hacettepe University, Turkey, June 2021
Cumhuriyet Science Journal, National Scientific Refreed Journal, December 2020
Khayyam Journal of Mathematics, Other Indexed Journal, November 2020
ALGEBRA COLLOQUIUM, Journal Indexed in SCI-E, October 2017

Mobility Activity

Post Doc, Post Doc, Ohio University, United States Of America, 2018 - 2018

Metrics

Publication: 21
Citation (WoS): 26
Citation (Scopus): 18
H-Index (WoS): 3
H-Index (Scopus): 2

Congress and Symposium Activities

33. Ulusal Matematik Sempozyumu, Attendee, İstanbul, Turkey, 2021
Noncommutative Rings and their Applications VII, Attendee, Pau, France, 2021
Joint Mathematics Meetings, Invited Speaker, Colorado, United States Of America, 2020
Workshop on Algebra}, Invited Speaker, Manisa, Turkey, 2019
Group Theory in Ankara in Honour of Mahmut Kuzucuoğlu's 60th Birthday, Attendee, Ankara, Turkey, 2019
7th Cemal Koç Algebra Days, Attendee, Ankara, Turkey, 2019
Workshop on Algebra, Invited Speaker, Afyonkarahisar, Turkey, 2018
6th Workshop on Rings, Modules and Algebras, Attendee, İzmir, Turkey, 2017
5th Workshop on Rings, Modules and Algebras, Attendee, Ankara, Turkey, 2016
4th Workshop on Rings, Modules and Algebras, Attendee, Ankara, Turkey, 2015
2nd Workshop of Association for Turkish Women in Maths, Attendee, Sivas, Turkey, 2015
3rd Workshop on Rings, Modules and Algebras, Attendee, İzmir, Turkey, 2014
International Conference on Algebra in Honour of Patrick Smith's and John Clark's 70th Birthdays, Attendee, Balıkesir, Turkey, 2013
2nd Workshop on Rings, Modules and Algebras, Attendee, İzmir, Turkey, 2013
Recent Trends in Rings and Algebras, Invited Speaker, Murcia, Spain, 2013

1st Workshop on Ring Theory, Attendee, Karabük, Turkey, 2012

The 31st Ohio State-Denison Mathematics Conference, Invited Speaker, Ohio, United States Of America, 2012

Antalya Algebra Days XIV, Attendee, İzmir, Turkey, 2012

VI. Ankara Mathematics Days,, Attendee, Ankara, Turkey, 2011

Antalya Algebra Days XII, Invited Speaker, Antalya, Turkey, 2010

Workshop on Categorical and Homological Methods in Noncommutative Algebra, Attendee, İzmir, Turkey, 2009

Antalya Algebra Days X, Invited Speaker, Antalya, Turkey, 2008

Antalya Algebra Days IX,, Invited Speaker, Antalya, Turkey, 2007

International Conference on Modules and Comodules, Dedicated to Robert Wisbauer,, Invited Speaker, Porto, Portugal, 2006

Antalya Algebra Days VIII, Invited Speaker, Antalya, Turkey, 2006

Antalya Algebra Days VII, Invited Speaker, Antalya, Turkey, 2005

Summer School on Elliptic Curve Essentials and Cryptography, Attendee, İzmir, Turkey, 2003

Invited Talks

On Copure-injectively Poor Modules, Conference, Joint Mathematics Meetings (JMM 2020),, United States Of America, January 2020

Turbo Pairs, Workshop, Manisa Celal Bayar University, Turkey, September 2019

Galois-type Connections arising naturally, Seminar, Cankaya University, Turkey, January 2019

Galois-type Connections arising naturally, Seminar, Ohio University, United States Of America, October 2018

On certain Galois-type Connections, Seminar, Western Kentucky University, United States Of America, October 2018

Copure-injectively Poor Modules, Seminar, Ohio State University , United States Of America, August 2018

Quiver Representations, Workshop, Afyon Kocatepe University, Turkey, January 2018

Absolute Co-supplement and Absolute Co-coclosed Modules, Conference, Recent Trends in Rings and Algebras, Spain, June 2013

On Dual Baer Modules, Conference, The 31st Ohio State-Denison Mathematics Conference, United States Of America, May 2012

Supplements in Modular Lattices, Seminar, Tobb University Of Economics And Technology, Turkey, January 2012

Absolute Co-supplement and Absolute Co-coclosed Modules, Seminar, Hacettepe University, Turkey, November 2011

On Cofinitely Supplemented Lattices, Conference, Antalya Algebra Days XII, Turkey, May 2010

Extensions of Weakly Supplemented Lattices, Conference, Antalya Algebra Days X, Turkey, May 2008

Weak Supplements in Lattices, Conference, Antalya Algebra Days XI, Turkey, May 2007

Cofinitely Weak Supplemented Lattices, Conference, International Conference on Modules and Comodules,, Portugal, September 2006

Amply Cofinitely Supplemented Lattices, Conference, Antalya Algebra Days VIII, Turkey, May 2006

Absolutely Supplement Modules, Conference, Antalya Algebra Days VII, Turkey, May 2005

Scholarships

Etkinlilere Katılım Desteği, University, 2020 - 2020

AMS Grant, University, 2018 - 2018

2224A, TUBITAK, 2013 - 2013

2219 Doktora Sonrası Araştırma Programı, TUBITAK, 2011 - 2012

2224B, TUBITAK, 2010 - 2010

2224B, TUBITAK, 2008 - 2008

2224B, TUBITAK, 2007 - 2007

2224A, TUBITAK, 2006 - 2006

2224B, TUBITAK, 2006 - 2006

Summer School Scholarship, Other International Organizations, 2005 - 2005

2224B, TUBITAK, 2005 - 2005