

Assoc. Prof. DİLEK ERSALAN

Personal Information

Office Phone: [+90 322 338 6060](tel:+903223386060) Extension: 2574

Fax Phone: [+90 322 338 6070](tel:+903223386070)

Email: dilekah@cu.edu.tr

Web: <https://avesis.cu.edu.tr//dilekah>

Address: Çukurova Üniversitesi Fen Edebiyat Fakültesi Matematik Bölümü Balcalı ADANA

International Researcher IDs

ORCID: 0000-0002-2498-6316

Publons / Web Of Science ResearcherID: B-7597-2018

Yoksis Researcher ID: 129465

Education Information

Doctorate, Cukurova University, Fen Bilimleri Enstitüsü, Matematik, Turkey 2001 - 2006

Postgraduate, Cukurova University, Fen Bilimleri Enstitüsü, Matematik, Turkey 1999 - 2001

Undergraduate, Cukurova University, Fen Edebiyat Fakültesi, Matematik, Turkey 1994 - 1999

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Serbest Lie Cebirleri ve Serbest Color Lie Süpercebirlerinin Primitif, Delta-Primitif ve Test Elemanları, Cukurova University, Fen Bilimleri, Matematik, 2006

Postgraduate, Serbest Lie Cebirlerinin Alt Cebirlerinin Rankı, Cukurova University, Fen Bilimleri Enstitüsü, Matematik, 1999

Research Areas

Mathematics, Nonassociative Rings and Algebras, Natural Sciences

Academic Titles / Tasks

Assistant Professor, Cukurova University, Fen Edebiyat Fakültesi, Matematik, 2011 - Continues

Lecturer PhD, Cukurova University, Fen Edebiyat Fakültesi, Matematik, 2006 - 2011

Research Assistant, Cukurova University, Fen Edebiyat Fakültesi, Matematik, 2000 - 2006

Courses

Matematik II, Undergraduate, 2011 - 2012
Matematik I, Undergraduate, 2011 - 2012
Grafik Teorisi, Undergraduate, 2011 - 2012
Lineer Cebir ve Diferansiyel Denklemler, Undergraduate, 2011 - 2012
Lineer Cebir, Undergraduate, 2011 - 2012
Matris Kuramı, Undergraduate, 2011 - 2012

Advising Theses

ERSALAN D., Serbest Lie Cebirlerinin Modül Parçalanışları, Postgraduate, M.ONAT(Student), 2012

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Ideals and primitive elements of some relatively free Lie algebras**
Ekici N., Esmerligil Z., Ersalan D.
SPRINGERPLUS, vol.5, 2016 (SCI-Expanded)

Articles Published in Other Journals

- I. **Structure of Lie Algebra $\gamma_n(F)/[\gamma_n(F), F]$**
ERSALAN D.
International Journal of Pure and Applied Mathematics, vol.105, pp.127-131, 2015 (Peer-Reviewed Journal)
- II. **Primitive Elements and Preimage of Primitive Sets of Free Lie Algebras**
ESMERLİGİL Z. G., Ersalan D.
International Journal of Pure and Applied Mathematics, vol.95, pp.535-544, 2014 (Peer-Reviewed Journal)
- III. **Primitive Elements and Preimage of Primitive Sets of Free Lie Algebras**
ERSALAN D., ESMERLİGİL Z.
International Journal of Pure and Applied Mathematics, vol.95, no.4, pp.535-541, 2014 (Peer-Reviewed Journal)
- IV. **Delta Primitive Elements of Free Metabelian Lie Algebras**
ESMERLİGİL Z. G., Ersalan D.
MATHEMATICAL SCIENCES AND APPLICATIONS E-NOTES, vol.1, no.1, pp.51-55, 2013 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Fixed points of involutions in a Lie algebra of the form $F \ltimes R$**
ERSALAN D., EKİCİ N.
4th International Eurasian Conference on Mathematical Sciences and Applications, Atina, Greece, 31 August - 03 September 2015
- II. **The Structure of the Lie algebra $\gamma_n(F)$**
ERSALAN D., EKİCİ N.
IECMSA_2014, Viyana, Austria, 25 - 28 August 2014
- III. **Primitive Elements and Preimage of Primitive Sets of Free Lie Algebras**
ESMERLİGİL Z. G., Ersalan D.
2nd INTERNATIONAL EURASIAN CONFERENCE ON MATHEMATICAL SCIENCES AND APPLICATIONS, Sarajevo, Bosnia And Herzegovina, 26 - 29 August 2013, pp.20
- IV. **Esmerligil Z.G., Ersalan D. , "Delta-Primitive Elements of free Metabelian Lie Algebras", 1st INTERNATIONAL EURASIAN CONFERENCE ON MATHEMATICAL SCIENCES AND APPLICATIONS, Prishtine, KOSOVA, 3-7 Eylül 2012, pp.15-15**

ESMERLİGİL Z. G., ERSALAN D.

IECMSA, 3 - 07 September 2012, pp.15

V. **Delta-Primitive Elements of free Metabelian Lie Algebras**

ESMERLİGİL Z. G., Ersalan D.

1st INTERNATIONAL EURASIAN CONFERENCE ON MATHEMATICAL SCIENCES AND APPLICATIONS, Prishtine, Kosova, 3 - 07 September 2012, pp.15

VI. **Dieudonne Determinantının Serbest Lie Cebirlerindeki Uygulamaları: Taşınamayan Üreteç Kümelerini Belirleme**

YAPTI ÖZKURT Z., Ekici N., ERSALAN D.

XIX. Ulusal Matematik Sempozyumu, Kütahya, Turkey, 22 - 25 August 2006, pp.50

Other Publications

I. **Generic Elements of Free Color Lie Superalgebras**

ERSALAN D.

Other, pp.573-580, 2006

II. **Almost Primitive and Test Elements of Free Color Lie Superalgebra**

ERSALAN D.

Other, pp.103-108, 2006

Supported Projects

ERSALAN D., Project Supported by Higher Education Institutions, Fixed Points of Involutions in a Lie Algebra of the Form F/R , 2015 - 2015

ERSALAN D., Project Supported by Higher Education Institutions, The Structure of the Lie Algebra $n(F)/[n(F), F']$, 2014 - 2014

Metrics

Publication: 13

Congress and Symposium Activities

Fourt International Eurasian Conference on Mathematical Science and Applications, Attendee, Athina, Greece, 2015

Third International Eurasian Conference on Mathematical Science and Applications, Attendee, --Seçiniz--, Austria, 2014

Second International Eurasian Conference on Mathematical Science and Application, Attendee, Saray Bosna, Bosnia And Herzegovina, 2013

First International Eurasian Conference on Mathematical Sciences and Applications, Attendee, Priştina, Kosova, 2012