

Assoc. Prof. DİLEK ERSALAN

Personal Information

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Address: Çukurova Üniversitesi Fen Edebiyat Fakültesi Matematik Bölümü Balcalı ADANA

Education Information

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

Post Graduate, Cukurova University, Fen Bilimleri Enstitüsü, Matematik, Turkey 1999 - 2001

Under Graduate, 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

Post Graduate, 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, Under Graduate, 2011 - 2012

Matematik I, Under Graduate, 2011 - 2012

Grafik Teorisi, Under Graduate, 2011 - 2012

Lineer Cebir ve Diferansiyel Denklemler, Under Graduate, 2011 - 2012

Lineer Cebir, Under Graduate, 2011 - 2012

Matris Kuramı, Under Graduate, 2011 - 2012

Advising Theses

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

- **Ideals and primitive elements of some relatively free Lie algebras**

Ekici N., Esmerlîgil Z., Ersalan D.

SPRINGERPLUS, vol.5, 2016 (Journal Indexed in SCI)

Articles Published in Other Journals

- **Structure of Lie Algebra $n(F)/[n(F), F]$**

ERSALAN D.

International Journal of Pure and Applied Mathematics, vol.105, pp.127-131, 2015 (Refereed Journals of Other Institutions)

- **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, no.4, pp.535-544, 2014 (Refereed Journals of Other Institutions)

- **Primitive Elements and Preimage of Primitive Sets of Free Lie Algebras**

ERSALAN D., ESMERLİGİL Z.

International Journal of Pure and Applied Mathematics, vol.95, pp.535-541, 2014 (Refereed Journals of Other Institutions)

- **Delta Primitive Elements of Free Metabelian Lie Algebras**

ESMERLİGİL Z. G. , Ersalan D.

MATHEMATICAL SCIENCES AND APPLICATIONS E-NOTES, vol.1, no.2, pp.51-55, 2013 (Refereed Journals of Other Institutions)

Refereed Congress / Symposium Publications in Proceedings

- **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

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

ESMERLİGİL Z. G. , Ersalan D.

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

- **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

- **Generic Elements of Free Color Lie Superalgebras**

ERSALAN D.

Other, pp.573-580, 2006

- **Almost Primitive and Test Elements of Free Color Lie Superalgebra**

ERSALAN D.

Other, pp.103-108, 2006

Invited Congress and Symposium Activities

Fourth 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