

Asst. Prof. LEYLA BUGAY

Personal Information

Email: ltanguler@cu.edu.tr

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

Biography

12.06.1984 yılında Adana'da doğdu. İlk, orta ve lise öğrenimini Adana'da tamamladıktan sonra 2002 yılında Ç. Ü. Matematik bölümünde lisans öğrenimine başladı ve 2006 yılında fakülte ve bölüm 2. si olarak mezun oldu. Aynı yıl Ç. Ü. Fen Bilimleri Enstitüsü Matematik Anabilim Dalında yüksek lisansa kabul edildi. YADEM'de İngilizce hazırlık sınıfını bitirdikten sonra 2007 yılında yüksek lisans öğrenimine ve aynı yıl Ç. Ü. Matematik bölümünde araştırma görevlisi olarak çalışmaya başladı. 2010 yılında yüksek lisansını bitirip yine aynı yıl Ç. Ü. Fen Bilimleri Enstitüsü Matematik Anabilim Dalında doktora çalışmasına başladı ve Aralık 2015 tarihinde mezun oldu. Ocak 2016 tarihinden itibaren Ç. Ü. Fen-Edebiyat Fakültesi Matematik Bölümünde Doktor Öğretim Üyesi olarak görevine devam etmektedir. Evli ve iki çocuk annesidir.

Education Information

Doctorate, Cukurova University, Fen Bilimleri Enstitüsü, Matematik, Turkey 2010 - 2015

Postgraduate, Cukurova University, Fen Bilimleri Enstitüsü, Matematik, Turkey 2007 - 2010

Undergraduate, Cukurova University, Fen Edebiyat Fakültesi, Matematik, Turkey 2002 - 2006

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

Education Management and Planning, Pedagojik Formasyon Sertifikası, Çukurova Üniversitesi Eğitim Fakültesi, 2013

Dissertations

Doctorate, BAZI DÖNÜŞÜM YARIGRUPLARININ DOĞURAYLARI ve RANKLARI, Cukurova University, Fen-Bilimleri Enstitüsü, Matematik, 2015

Postgraduate, YARIGRUPLARIN BRUCK-REILLY GENİŞLEMELERİNİN SONLU TAKDİM EDİLEBİLİRLİĞİ, Cukurova University, Fen Bilimleri Enstitüsü, Matematik, 2010

Research Areas

Mathematics, General Algebraic Systems, Natural Sciences

Academic Titles / Tasks

Assistant Professor, Cukurova University, Fen-Edebiyat Fakültesi, Matematik, 2018 - Continues
Assistant Professor, Cukurova University, Fen-Edebiyat Fakültesi, Matematik, 2016 - 2018
Research Assistant, Cukurova University, Fen Bilimleri Enstitüsü, Matematik, 2007 - 2015

Courses

MATEMATİK 2, Undergraduate, 2017 - 2018
Matematik1, Undergraduate, 2017 - 2018
Yüksek Matematik 2, Undergraduate, 2016 - 2017
Yarıgrup Teorisi, Postgraduate, 2017 - 2018
Diferansiyel Denklemler, Undergraduate, 2017 - 2018
Yüksek Matematik1, Undergraduate, 2017 - 2018
Grup takdimlerine Giriş, Postgraduate, 2016 - 2017

Advising Theses

BUGAY L., Dönüşüm Yarıgruplarında Bazı Özel Ranklar, Postgraduate, K.Dilek(Student), 2017

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

- I. **Combinatorial Results for Semigroups of Order-Preserving and A-Decreasing Finite Transformations**
BUGAY L., YAĞCI M., AYIK H.
BULLETIN OF THE MALAYSIAN MATHEMATICAL SCIENCES SOCIETY, vol.42, no.3, pp.921-932, 2019 (Journal Indexed in SCI)
- II. **Quasi-idempotent ranks of some permutation groups and transformation semigroups**
BUGAY L.
TURKISH JOURNAL OF MATHEMATICS, vol.43, no.5, pp.2390-2395, 2019 (Journal Indexed in SCI)
- III. **The ranks of certain semigroups of partial isometries**
Bugay L., YAĞCI M., AYIK H.
SEMIGROUP FORUM, vol.97, no.2, pp.214-222, 2018 (Journal Indexed in SCI)
- IV. **Generating sets of certain finite subsemigroups of monotone partial bijections**
Bugay L., AYIK H.
TURKISH JOURNAL OF MATHEMATICS, vol.42, no.5, pp.2270-2278, 2018 (Journal Indexed in SCI)
- V. **GENERATING SETS OF FINITE TRANSFORMATION SEMIGROUPS $PK(n, r)$ AND $K(n, r)$**
AYIK H., BUGAY L.
COMMUNICATIONS IN ALGEBRA, vol.43, no.2, pp.412-422, 2015 (Journal Indexed in SCI)
- VI. **On the second homology of the Schutzenberger product of monoids**
YAĞCI M., BUGAY L., AYIK H.
TURKISH JOURNAL OF MATHEMATICS, vol.39, no.5, pp.763-772, 2015 (Journal Indexed in SCI)
- VII. **GENERATING SETS OF STRICTLY ORDER-PRESERVING TRANSFORMATION SEMIGROUPS ON A FINITE SET**
AYIK H., BUGAY L.
BULLETIN OF THE KOREAN MATHEMATICAL SOCIETY, vol.51, no.4, pp.1055-1062, 2014 (Journal Indexed in SCI)
- VIII. **On transformations of index 1**
Bugay L., KELEKÇİ O.
TURKISH JOURNAL OF MATHEMATICS, vol.38, no.3, pp.419-425, 2014 (Journal Indexed in SCI)

- IX. **Generating sets of finite singular transformation semigroups**
AYIK G., AYIK H., BUGAY L., KELEKCI O.
SEMIGROUP FORUM, vol.86, no.1, pp.59-66, 2013 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **A general approach for generating sets of certain subsemigroups of monotone maps**
BUGAY L.
ASIAN-EUROPEAN JOURNAL OF MATHEMATICS, vol.13, no.7, 2020 (Journal Indexed in ESCI)
- II. **Certain ranks of some ideals in symmetric inverse semigroups contains \aleph_n or \aleph_m**
BUGAY L.
Balıkesir Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.22, no.2, pp.669-678, 2020 (Other Refereed National Journals)
- III. **Some Involutions which Generate the Finite Symmetric Group**
BUGAY L.
Mathematical Sciences and Applications E-Notes, vol.8, no.1, pp.25-28, 2020 (Other Refereed National Journals)
- IV. **Generating Sets in Some Semigroups of Order-Preserving Transformations on a Finite Set**
AYIK H., BUGAY L.
SOUTHEAST ASIAN BULLETIN OF MATHEMATICS, vol.38, pp.163-172, 2014 (Refereed Journals of Other Institutions)

Refereed Congress / Symposium Publications in Proceedings

- I. **THE RANKS OF CERTAIN SUBSEMIGROUPS OF ORDER- PRESERVING PARTIAL ISOMETRIES**
BUGAY L.
International Conference on Mathematical Studies and Applications 2018, Karaman, Turkey, 4 - 06 October 2018
- II. **THE RANKS OF CERTAIN SUBSEMIGROUPS OF ORDER- PRESERVING PARTIAL ISOMETRIES.**
International Conference on Mathematical Studies and Applications 2018
BUGAY L.
International Conference on Mathematical Studies and Applications 2018, Karaman, Turkey, 4 - 06 October 2018, pp.1
- III. **THE METHOD TO FIND GENERATING SETS OF CERTAIN SUBSEMIGROUPS OF ORDER-PRESERVING PARTIAL BIJECTIONS.**
BUGAY L.
International Conference on Mathematical Studies and Applications 2018, Karaman, Turkey, 4 - 06 October 2018, pp.1
- IV. **A general approach to find generating sets of certain finite subsemigroups of symmetric inverse semigroup.**
BUGAY L.
International Conference on Pure and Applied Mathematics ICPAM-VAN 2018, Van, Turkey, 11 - 13 September 2018, pp.1
- V. **The cardinal and Idempotent Number of Order-preserving and A-increasing Finite Transformations Semigroup.**
BUGAY L.
5th INTERNATIONAL CONFERENCE on RECENT ADVANCES in PURE AND APPLIED MATHEMATICS (ICRAPAM2018), Trabzon, Turkey, 23 - 27 July 2018, pp.1
- VI. **Ranks and generating sets of certain semigroups of partial isometries.**
BUGAY L.
INTERNATIONAL CONFERENCE ON SEMIGROUPS, Lisbon, Portugal, 11 - 14 July 2018, pp.1

- VII. **Generating sets and ranks of certain subsemigroups of monotone transformations**
BUGAY L.
XX. Antalya Algebra Days, İzmir, Turkey, 16 - 19 May 2018, pp.1
- VIII. **The Structure of All Generating Sets of Certain Monotone Partial Transformation Subsemigroups**
BUGAY L.
INTERNATIONAL CONFERENCE on MATHEMATICAL ADVANCES and APPLICATIONS (ICOMAA2018), İstanbul, Turkey, 11 - 13 May 2018, pp.1
- IX. **Generating sets of finite transformation semigroups $PK(n,r)$ and $K(n,r)$**
BUGAY L.
XIX. Antalya Algebra Days, İzmir, Turkey, 17 - 21 May 2017
- X. **Bazı Sıra-Koruyan Kesin Kısmi Dönüşüm Yarıgruplarının Doğuray Kümeleri**
BUGAY L.
IV. Kadın Matematikçiler Derneği Çalıştayı, Ankara, Turkey, 28 - 29 April 2017, pp.1
- XI. **Bazı Sonlu Sıra-Koruyan Dönüşüm Yarıgruplarının Doğuray Kümeleri**
BUGAY L., AYIK H.
XXVI. Ulusal Matematik Sempozyumu, Diyarbakır, Turkey, 4 - 07 September 2013, pp.12
- XII. **Sonlu Tekil Dönüşüm Yarıgruplarının Doğuray Kümeleri**
BUGAY L., AYIK G., AYIK H., KELEKCI O.
XXV. Ulusal Matematik Sempozyumu, Niğde, Turkey, 5 - 07 September 2012, pp.12

Scientific Refereeing

Turkish Journal of Mathematics, SCI Journal, March 2018

Edit Congress and Symposium Activities

International Conference on Mathematical Studies and Applications, Attendee, Karaman, Turkey, 2018
International Conference on Pure and Applied Mathematics ICPAM-VAN 2018, Attendee, Van, Turkey, 2018
5th INTERNATIONAL CONFERENCE on RECENT ADVANCES in PURE AND APPLIED MATHEMATICS, Attendee, Trabzon, Turkey, 2018
INTERNATIONAL CONFERENCE ON SEMIGROUPS, Attendee, Lisbon, Portugal, 2018
XX. Antalya Algebra Days, Attendee, İzmir, Turkey, 2018
INTERNATIONAL CONFERENCE on MATHEMATICAL ADVANCES and APPLICATIONS (ICOMAA2018), Attendee, İstanbul, Turkey, 2018
XIX. Antalya Algebra Days, Attendee, İzmir, Turkey, 2017
IV. Kadın Matematikçiler Derneği Çalıştayı, Attendee, Ankara, Turkey, 2017
26. Ulusal Matematik Sempozyumu, Attendee, Diyarbakır, Turkey, 2013
25. Ulusal Matematik sempozyumu, Attendee, Niğde, Turkey, 2012

Citations

Total Citations (WOS):16

h-index (WOS):2

Scholarships

YURT İÇİ DOKTORA BURSUSU, TUBİTAK, 2010 - Continues

YURT İÇİ YÜKSEK LİSANS BURSUSU, TUBİTAK, 2006 - Continues