

## MATEMATİK BÖLÜMÜ

### B- Performans Bilgileri

#### 1- Faaliyet ve Proje Bilgileri

##### 1.1. Faaliyet Bilgileri

FAALİYET TÜRÜ	SAYISI
Sempozyum ve Kongre	
Konferans	1
Panel	
Seminer	1
Açık Oturum	
Söyleşi	
Tiyatro	
Konser	
Sergi	
Turnuva	
Teknik Gezi	
Eğitim Semineri	

##### 1.2. Yayınlarla İlgili Faaliyet Bilgileri

#### İndekslere Giren Hakemli Dergilerde Yapılan Yayınlar

YAYIN TÜRÜ	SAYISI
Uluslararası Makale	14
Ulusal Makale	-
Uluslararası Bildiri	20
Ulusal Bildiri	-
Kitap	2

## MATEMATİK BÖLÜMÜ FAALİYETLERİ 2016

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### MAKALE

#### SCI-Expanded (Science Citation Index-Expanded)

1. Sedat İlhan and Meral Süer (2016) On the saturated numerical semigroups. Open Mathematics, 14, 827-831.
2. S.Öykü Yurttaş (2016) Dynnikov and train track transition matrices of pseudo-Anosov braids, Discrete and Continuous Dynamical Systems - Series A (DCDS-A), Vol.36, Issue 1, 541-570.
3. S.Öykü Yurttaş and Toby Hall (2016) Counting components of an integral lamination, Mathematica Manuscripta, 1-16.
4. Sevtap Sümer Eker, (2016) Coefficient bounds for subclasses of m-fold symmetric bi-univalent functions, Turk J Math 40: 641 – 646.

### Uluslararası hakemli dergi

1. Sedat İlhan , Meral Süer and Ahmet Çelik (2016) On the fundamental gaps of some saturated Numerical semigroups with multiplicity 4, International Journal of Algebra, 10(8), 373-380.
2. Meral Süer and Sedat İlhan (2016) On Arf Numerical Semigroups, J.Semigroup Theory Appl. 2016(4), 1-9.
3. Aysegul Dogan and H. Özlem Güney (2016) On The Second Hankel Determinant for A Generalized Subclass of Univalent Functions, Asian Journal of Mathematics and Computer Research, 10(4): 348-356.
4. H.Özlem Güney, F.Müğe Sakar and S.Bulut (2016) A New General Integral Operator, International Journal of Mathematical Analysis, Vol. 10, no. 8, 373 – 380.
5. F. Müğe Sakar and H. Özlem Güney (2016) Subordination Results On Subclasses Of Analytic Functions Involving Generalized Hypergeometric Function, Asian Journal of Mathematics and Computer Research, 10(3): 215-222., ISSN: 2395-4205 (P), ISSN: 2395-4213.
6. F. Müğe Sakar and H. Özlem Güney (2016) A Study on Meromorphic Harmonic Starlike Functions by Using a New Generalized Differential Operator, Advances in Research 6(3): 1-8, , Article no.AIR.23045. ISSN: 2348-0394, NLM ID: 101666096.
7. H. Özlem Güney (2016) Initial Chebyshev polynomial coefficient bound estimates for bi-univalent functions, Acta Universitatis Apulensis, 47/2016, 159-165.
8. F. Müğe Sakar, Sultan Aytaş and Hatun Özlem Güney (2016) On the Fekete-Szegő problem for generalized class  $M(\alpha, \gamma)(\beta)$  defined by differential operator, Süleyman Demirel University Journal of Natural and Applied Sciences, 20(3), 456-459.
9. Seçil Yalaz and Arife Atay (2016) Fuzzy Linear Regression for the Time Series Data which is Fuzzified with SMRGT Method, Süleyman Demirel University Journal of Natural and Applied Sciences, 20(3), 405-413.
10. Sevtap Sümer Eker (2016) Coefficient estimates for new subclasses of m-fold symmetric bi-univalent functions, Theory and Applications of Mathematics & Computer Science 6 (2) 103–109.

### Ulusal Hakemli Dergi

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### BİLDİRİ

#### Uluslararası Sözlü Bildiri

1. Seçil Yalaz, A New Semiparametric Method For Image Processing, International Conference On Mathematics And Mathematics Education 2016- Elazığ/Türkiye.
2. Seçil Yalaz, Müjgan Tez, Multivariate Semiparametric Regression Estimation with Errors in Variables, International Conference On Trends And Perspectives In Linear Statistical Inference 2016- İstanbul/Türkiye.
3. Fatma Matpan Bekler, Seçil Yalaz , Numerical Taxonomy of Biochemical and Morphological Characters of Anoxybacillus Species and Identification, International Symposium On Integrative Bioinformatics 2016- Bielefeld/Germany.

4. Fatma Matpan Bekler, Seçil Yalaz, Comparison Of Numerical Taxonomy And 16s Rrna Sequencing Of Anoxybacillus Pushchinensis (Kb4), International Engineering, Science And Education Conference **2016**-Diyarbakır/Turkey.
5. Sedat İlhan, On the Saturated Numerical Semigroups with multiplicity 3 and 5, International Engineering Science and Education Conference, **01-03.12.2016**, Diyarbakır.
6. Sedat İlhan , On the some Arf numerical semigroups with multiplicity 3 and 4, 1st International Mediteanean Science and Engineering Congress, **26-28.10.2016**, Adana.
7. Sedat İlhan, Meral Süer, Saturated Numerical Semigroups with multiplicity four. International Conference on Mathematics and Mathematics Education, **12-14.05.2016**, Elazığ.
8. Meral Süer , Sedat İlhan, On a class of Arf Numerical Semigroups. International Conference on Mathematics and Mathematics Education, **12-14.05.2016**, Elazığ.
9. Ahmet Çelik, Meral Süer , Sedat İlhan, Bazı Saturated Yarı Gruplar Üzerine. International Engineering Science and Education Conference, **01-03.12.2016**, Diyarbakır.
10. H.Özlem Güney, F.Müge Sakar. Coefficients bounds for a class of bi-univalent functions defined by using a new differential operator. International Engineering, Science and Education Conference **01-03.12.2016**, Diyarbakır.
11. H.Özlem Güney, Bound Estimate of Hankel Determination for q-convex functions in one direction. International Engineering, Science and Education Conference **01-03.12.2016**, Diyarbakır.
12. F.Müge Sakar, H.Özlem Güney , Determination of subordination result for beta-spirallike class. International Engineering Science and Education Conference **01-03.12.2016**, Diyarbakır.
13. H.Özlem Güney , An invitation to the study of geometric functiontheory. 1st International Mediterranean Science and Engineering Congress **26-28.10.2016**, Adana.
14. F. Müge Sakar, Yasemin Bağcı, H.Özlem Güney, New classes of harmonic functions defined by fractional operator. International Congress on Fundamental and Applied Sciences, **22-26 August 2016**, İstanbul.
15. F. Müge Sakar, H.Özlem Güney, Coefficient estimates for subclasses of m-fold symmetric bi-univalent functions defined by fractional derivative. International Congress on Fundamental and Applied Sciences, **22-26 August 2016**, İstanbul.
16. H.Özlem Güney, F.Müge Sakar Faber polynomial coefficients estimates for analytic bi-close-to-convex functions defined by fractional calculus. International Conference on Mathematics and Mathematics Education **12-14.05.2016**, Elazığ.
17. F. Müge Sakar, H.Özlem Güney , Subordination Results for certain subclasses of analytic functions. International Conference on Mathematics and Mathematics **12-14.05.2016**, Elazığ.
18. Necat Polat, Savaş Gül and Halit Şevki Aslan, Existence of solutions for higher order linear hyperbolic differential equations with damping term, ICMME 2016, **12-14.05.2016**, Elazığ – Turkey, pp. 320.
19. Necat Polat, Existence of solutions for higher order linear partial differential equations, ICMME 2016, **12-14.05.2016**, Elazığ – Turkey, pp. 321.

20. Necat Polat, Ömer Tantaş, Aiman Aljadou, Alan Bekko, On higher order linear partial differential equations, ICMME 2016, **12-14.05.2016**, Elazığ – Turkey, pp. 381.

#### **Ulusal Sözlü Bildiri**

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#### **SEMINER**

1. Saadet Öykü Yurttaş, Counting curves of an integral lamination, Columbia University, NY, **2016** .

#### **KONFERANS**

1. Abdullah Baykal, Raspberry Pi Kurulumu ve Kullanımı, Akademik Bilişim Konferansı XVII , Adnan Menderes Üniversitesi, **30 Ocak-5 Şubat 2016**, Aydın

#### **SÖYLEŞİ**

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#### **SERGI**

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#### **TANINMIŞ ULUSAL YAYINEVLERİ TARAFINDAN YAYIMLANAN KİTAP (DERS KİTABI HARİÇ)**

1. Abdullah Baykal, Veri Madenciliği , Öğrenci Verileri Üzerinde Uygulamaları, Türkiye Alim Kitapları, **2016** , ISBN:978-3-639-81385-2

#### **TANINMIŞ ULUSAL YAYINEVLERİ TARAFINDAN YAYIMLANAN KİTAP (DERS KİTABI HARİÇ) EDITÖRLÜĞÜ**

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#### **TANINMIŞ ULUSAL YAYINEVLERİ TARAFINDAN YAYIMLANAN KİTAP (ARAŞTIRMA/DERS)**

1. H.Özlem Güney, Sedat İlhan, Temel Teori ve Çözümlü Problemlerle Lineer Cebir (**2016**), Birsen Yayınevi, Basım sayısı:1, Sayfa Sayısı 205, ISBN:978-975- 511-640- 2, Türkçe (Ders Kitabı).

#### **TANINMIŞ ULUSLARARASI YAYINEVLERİ TARAFINDAN YAYIMLANAN KİTAP (ARAŞTIRMA/DERS)**

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### 1.3. Proje Bilgileri

Bilimsel Araştırma Proje Sayısı					
PROJELER	2016				
	Önceki Yılda Devreden Proje	Yıl İçinde Eklenen Proje	Toplam	Yıl İçinde Tamamlanan Proje	Toplam Ödenek TL
DPT					
TÜBİTAK					
A.B.					
BİLİMSEL ARAŞTIRMA PROJELERİ					
DİĞER		1* 1**	1 1	1	51,360.00 83,415.26
TOPLAM					

\*TRC2 Bölgesinde (Diyarbakır ve Şanlıurfa) Suriyeli Göçmenlerin İşgücü Piyasası Analizi, KARACADAĞ KALKINMA AJANSI, Araştırmacı, 2016

\*\*Dicle Üniversitesi Fen Fakültesi Görsel Matematik Araştırma Laboratuvarının Alt Yapısını Oluşturma Projesi, Genel Araştırma Altyapı Projesi