

## Asst. Prof. Nilgün AYGÖR

### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: H-1641-2018

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### Education Information

Doctorate, Yıldız Technical University, Graduate School Of Natural And Applied Sciences, Matematik, Turkey 1987 - 1994

Postgraduate, Yıldız Technical University, Graduate School Of Natural And Applied Sciences, Matematik, Turkey 1985 - 1987

Undergraduate, Istanbul University, Faculty Of Science, Matematik, Turkey 1978 - 1984

### Foreign Languages

English, B2 Upper Intermediate

### Dissertations

Doctorate, (  $v, k$  ) -Parametrelı simetrik dizaynın A çakışım matrisinin AH büzülmüş matrisi ile üretilen kodlar ve Özellikleri, Yıldız Teknik Üniversitesi, Graduate School of Natural and Applied Sciences, Matematik, 1993

Postgraduate, Hadamard Matrisleri, Yıldız Teknik Üniversitesi, Graduate School of Natural and Applied Sciences, Matematik, 1987

### Research Areas

Mathematics, Combinatorics, Mathematics Education, Natural Sciences

### Courses

Matematik2, Undergraduate, 2017 - 2018

Matematik, Undergraduate, 2016 - 2017

Lineer Cebir2, Undergraduate, 2016 - 2017

Lineer Cebir1, Undergraduate, 2016 - 2017

Matematik1, Undergraduate, 2016 - 2017, 2015 - 2016

Lineer Cebir 2, Undergraduate, 2015 - 2016

Diferansiyel Denklemler, Undergraduate, 2005 - 2006

## Advising Theses

AYGÖR N., Değişmeli olmayan Halkaların İdeal Yapısı, Postgraduate, D.Erdemir(Student), 2017

AYGÖR N., Reed- Müller Kodları, Postgraduate, S.ERMAN(Student), 2005

## Articles Published in Other Journals

- I. **The difficulties that the undergraduate students face about inner product space**  
Burhanzade H., Aygor N.  
Educational Research and Reviews, vol.11, no.4, pp.1311-1316, 2016 (Peer-Reviewed Journal)
- II. **A Study on the Consistency between University Entrance Exam (OSS) and Questions Published in Examinations at Schools on the Subject of Determinant**  
Aygör N.  
Procedia - Social and Behavioral Sciences, vol.106, pp.241-249, 2013 (Peer-Reviewed Journal)
- III. **Constructing Codes Using AH**  
Burhanzade H., Aygor N.  
THAI JOURNAL OF MATHEMATICS, vol.59, no.2000, pp.167-175, 2001 (ESCI)
- IV. **Dizaynların Optimizasyonu**  
AYGÖR N.  
Yıldız Teknik Üniversitesi Dergisi, pp.30-36, 1999 (Peer-Reviewed Journal)
- V. **BH nin satırları ile üretilen Genişletilmiş Fp- kodunun boyutunun belirlenmesi**  
AYGÖR N.  
Yıldız Teknik Üniversitesi Dergisi, pp.26-32, 1994 (Peer-Reviewed Journal)

## Books & Book Chapters

- I. **Cebir**  
Ersoy B. A., Ağargün G., Alan M., Aygör N., Oral K. H.  
Birsen, İstanbul, 2016
- II. **soyut cebir**  
AĞARGÜN A. G., ERSOY B. A., ALAN M., ORAL K. H., AYGÖR N.  
birsen, İstanbul, 2015
- III. **Soyut Cebir**  
Aygör N., Ersoy B., ALAN M., Oral K. H.  
Birsen Yayınevi, 2015
- IV. **Cebir 2**  
ERSOY B. A., Ağargün G., Alan M., Aygör N.  
Ytu Vakfı Yayınları, İstanbul, 2003
- V. **Soyut Cebir II**  
Ersoy B. A., Ağargün G., Aygör N., Alan M.  
Ytu Vakfı Yayınları, İstanbul, 2002

## Refereed Congress / Symposium Publications in Proceedings

- I. **Öğrencilerinin Determinantları Hesaplarken Yapmış Oldukları Hatalar**  
BURHANZADE H., Aygör N.  
2. TÜRK BİLGİSAYAR VE MATEMATİK EĞİTİMİ SEMPOZYUM, 01 May 2015
- II. **Öğrencilerin, Lineer Denklem Sistemi Çözüm Yöntemlerinin Çözme Başarılarına Etkisi**  
Aygör N.  
2. TÜRK BİLGİSAYAR VE MATEMATİK EĞİTİMİ SEMPOZYUM, 01 May 2015

- III. **Difficulties That Students Face During Factorization Questions**  
BURHANZADE H., Aygör N.  
Proceedings of 6th World Conference on Educational Sciences, Valletta, Malta, 6 - 09 February 2014, vol.191, pp.859-864
- IV. **Students' performances in solving 2nd Degree Equations with one Unknown**  
Aygör N., Burhanzade H.  
7th World Conference on Educational Sciences, Athens, Greece, 5 - 07 February 2015, vol.197, pp.13-18
- V. **Problems that the students face while solving 1st Degree Equations with two Unknown, during their prepare to the High School Entrance Exam SBS**  
Burhanzade H., Aygör N.  
2nd World Conference on Design, Arts and Education, Bucuresti, Romania, 9 - 11 May 2013, vol.122, pp.477-483
- VI. **The Comparative Analyzes of the Student's Performance about Matrix in Student Selection Exam (OSS) and the Approved Lecture Books of Ministry for the National Education (MEB)**  
Aygör N., BURHANZADE H.  
Global Conference on Linguistics and Foreign Language Teaching (LINELT), Antalya, Turkey, 5 - 07 December 2013, vol.136, pp.360-369
- VII. **Öğrencilerin Mutlak Değer Fonksiyonlarını Grafik Formdan Cebirsel Forma Dönüştürürken Gösterdikleri Yaklaşımlar**  
Aygör N.  
IV. Uluslararası Eğitim Araştırmaları Kongresi, 01 May 2012
- VIII. **"On Time Scheduling of Ant Colony Algorithm: A Modeling and Application" Karıca Kolonisi Algoritmasının Zaman Çizelgelemesi Üzerine: Bir Modellemesi ve Uygulaması**  
Burhanzade H., Aygör N., Parlak A.  
Akademik Bilişim 2012 Sempozyumunu, Uşak, Turkey, 01 February 2012, pp.411
- IX. **Misconceptions in linear algebra: the case of undergraduate students**  
Aygör N., Ozdag H.  
4th World Conference on Educational Sciences (WCES), Barcelona, Spain, 2 - 05 February 2012, vol.46, pp.2989-2994
- X. **Undergraduate students' performances in linear algebra: factorization of a determinant of  $n \times n$  dimensional matrices**  
Ozdag H., Aygör N.  
4th World Conference on Educational Sciences (WCES), Barcelona, Spain, 2 - 05 February 2012, vol.46, pp.125-129
- XI. **"Inspection Tracking System Using Coding Theory" Kodlama Teorisi Kullanılarak Muayene Takip Sistemi**  
Burhanzade H., Aygör N., Temur Ç.  
9. Matematikçiler Sempozyumu, Trabzon, Turkey, 01 October 2010, pp.112

## Metrics

Publication: 21

Citation (WoS): 8

H-Index (WoS): 2

## Non Academic Experience

YILDIZ TEKNİK ÜNİVERSİTESİ

YILDIZ TEKNİK ÜNİVERSİTESİ

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