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International Researcher IDs

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Publons / Web Of Science ResearcherID: H-2911-2018

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Education Information

Doctorate, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Matematik, Turkey 1990 - 1996

Postgraduate, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Matematik, Turkey 1988 - 1990

Undergraduate, Yildiz Technical University, Kimya Metalurji Fakültesi, Matematik Mühendisliği, Turkey 1982 - 1986

Dissertations

Doctorate, CIRCULANT MATRISLER KULLANILARAK (v,k, λ) PARAMETRELİ BİR SİMETRİK DİZAYN SINIFININ KURULUŞU, Yildiz Technical University, Graduate School of Natural and Applied Sciences, 1996

Postgraduate, $\{0,1\}$ – Matrisleri ve Elemanları 0 1 ler olan Determinantların maksimizasyonunun araştırılması, Yildiz Technical University, Faculty of Arts & Science, Department of Mathemeatics, 1990

Research Areas

Mathematics, Combinatorics, Mathematics Education, Natural Sciences

Academic Titles / Tasks

Assistant Professor, Yildiz Technical University, Fen Edebiyat Fakültesi, Matematik, 2018 - Continues

Assistant Professor, Yildiz Technical University, Fen Edebiyat Fakültesi, Matematik, 2002 - 2018

Lecturer PhD, Yildiz Technical University, Fen Edebiyat Fakültesi, Matematik, 1997 - 2002

Research Assistant, Yildiz Technical University, Fen Edebiyat Fakültesi, Matematik, 1987 - 1997

Courses

Differential Equations, Undergraduate, 2019 - 2020

Linear Algebra, Undergraduate, 2019 - 2020

Linear Algebra, Undergraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018

Differential Equations, Undergraduate, 2019 - 2020

Bilişim ve Matematik, Undergraduate, 2018 - 2019
Lineer Cebir, Undergraduate, 2016 - 2017, 2015 - 2016
Introduction to Graph Theory, Undergraduate, 2016 - 2017
Matematik 1, Undergraduate, 2017 - 2018
Lineer Cebir, Undergraduate, 2016 - 2017
Cebire Giriş, Undergraduate, 2016 - 2017
Lineer Cebir, Undergraduate, 2016 - 2017, 2015 - 2016
Lineer Cebir 2, Undergraduate, 2015 - 2016
Genel Matematik 2, Undergraduate, 2015 - 2016

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**
Burhanzade H., Aygor N.
Elsevier ScienceDirect, vol.106, no.10, pp.241-249, 2013 (Conference Book)
- III. **Constructing Codes Using AH**
Burhanzade H., Aygor N.
THAI JOURNAL OF MATHEMATICS, vol.59, no.2000, pp.167-175, 2001 (ESCI)
- IV. **Optimization of The Design**
Burhanzade H.
Journal of Yildiz Technical University, vol.1999, no.4, pp.30-36, 1999 (Peer-Reviewed Journal)
- V. **Determination of some relation between Symmetric Design and Circulant Matrix and Construction a class of Symmetric Design**
Burhanzade H., Balkanay E.
Yıldız Teknik Üniversitesi Dergisi, vol.3, pp.13-21, 1997 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Lineer Cebir ve Çözümlü Problemleri**
BURHANZADE H.
BİRSEN YAYIN EVİ, İstanbul, 2017

Refereed Congress / Symposium Publications in Proceedings

- I. **AN ASSESSMENT ON FACTORISATION OF DETERMINANTS**
Burhanzade H.
ICOMAA 2020, İstanbul, Turkey, 24 - 27 June 2020, pp.106
- II. **A study on the teaching methods in determinants**
Burhanzade H., Aygor N.
International scientific conference «Algebraic and geometric methods of analysis», Odesa, Ukraine, 30 May - 04 June 2018, pp.12
- III. **Secondary school students' misconceptions about linear algebra**
Burhanzade H., Aygor N.
International scientific conference «Algebraic and geometric methods of analysis», Odesa, Ukraine, 30 May - 04

June 2018, pp.3

- IV. **On the evaluation of the difficulties that 12th grade students face at factorization process in the questions**
Burhanzade H.
ICOMAA, İstanbul, Turkey, 11 - 13 May 2018, no.2018, pp.90
- V. **Öğrencilerinin Determinantları Hesaplarken Yapmış Oldukları Hatalar**
BURHANZADE H., Aygör N.
2. TÜRK BİLGİSAYAR VE MATEMATİK EĞİTİMİ SEMPOZYUM, 01 May 2015
- VI. **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
- VII. **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
- VIII. **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
- IX. **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
- X. **Öğrencilerin Mutlak Değer Fonksiyonlarını Cebirsel Formdan Grafik Forma Dönüştürürken Gösterdikleri Yaklaşımlar**
Burhanzade H.
IV. Uluslararası Eğitim Araştırmaları Kongresi, İstanbul, Turkey, 01 May 2012, pp.1-2
- XI. **"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
- XII. **Undergraduate students' performances in linear algebra: factorization of a determinant of $n \times n$ dimensional matrices**
Ozdog H., Aygör N.
4th World Conference on Educational Sciences (WCES), Barcelona, Spain, 2 - 05 February 2012, vol.46, pp.125-129
- XIII. **Misconceptions in linear algebra: the case of undergraduate students**
Aygör N., Ozdog H.
4th World Conference on Educational Sciences (WCES), Barcelona, Spain, 2 - 05 February 2012, vol.46, pp.2989-2994
- XIV. **Lisans öğrencilerinin cebir öğrenimi: Determinantların hesaplanmaları durumu**
BURHANZADE H.
10. Matematikçiler Sempozyumu, 01 September 2011
- XV. **"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

Supported Projects

BURHANZADE H., Simetrik Dizaynların Circulant Matrislerle Elde EdiliŖi, 1990 - 1992

Metrics

Publication: 21

Citation (WoS): 13

H-Index (WoS): 2

Non Academic Experience

YILDIZ TEKNİK ÜNİVERSİTESİ

YILDIZ TEKNİK ÜNİVERSİTESİ

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