

Prof. AYNUR ARIKAN

Personal Information

Place of birth: Sivas

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Education Information

Doctorate, Gazi University, Fen Bilimleri Enstitüsü, Matematik (Dr), Turkey 1990 - 1996

Under Graduate, Gazi University, Gazi Eğitim Fakültesi, Matematik Ve Fen Bilimleri Eğitimi Bölümü, Turkey 1982 - 1996

Post Graduate, Gazi University, Fen Bilimleri Enstitüsü, Matematik (YI) (Tezli), Turkey 1986 - 1990

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

Vocational Training, Eğitim Programı, Üniversite, 2014

Dissertations

Doctorate, Her özaltgrubu NC-grup olan lokal nilpotent p-grupları, Gazi University, Fen Bilimleri Enstitüsü, Matematik (Dr), 1996

Post Graduate, Hall higman tipi teoremler, Gazi University, Fen Bilimleri Enstitüsü, Matematik (YI) (Tezli), 1990

Research Areas

Group Theory and Generalizations, Natural Sciences

Academic Titles / Tasks

Professor, Gazi University, Fen Fakültesi, Matematik, 2019 - Continues

Associate Professor, Gazi University, Fen Fakültesi, Matematik, 2010 - 2019

Associate Professor, Gazi University, Fen Fakültesi, Matematik Bölümü, 1986 - 2011

Assistant Professor, Gazi University, Fen Fakültesi, 1998 - 2009

Research Assistant, Gazi University, Fen Fakültesi, 1996 - 1998

Professional Experience

BAP Subcommittee Member, Gazi University, Fen Fakültesi, Matematik, 2019 - 2020
Bölüm Kalite Komisyonu Üyesi, Gazi University, Fen Fakültesi, Matematik, 2011 - 2019
Bölüm Kalite Komisyonu Başkanı, Gazi University, Fen Fakültesi, Matematik, 2006 - 2010

Courses

Permütasyon Grupları, Post Graduate, 2020 - 2021
Permütasyon Grupları, Post Graduate, 2019 - 2020
Araştırma Projesi II, Under Graduate, 2018 - 2019
Cebir II, Post Graduate, 2018 - 2019
Genel Matematik II, Under Graduate, 2018 - 2019
Matematik I, Under Graduate, 2019 - 2020
Genel Matematik II, Under Graduate, 2018 - 2019
Modül Teorisine Giriş, Post Graduate, 2018 - 2019
Cebir I, Post Graduate, 2019 - 2020
Soyut Cebir , Under Graduate, 2018 - 2019
Genel Matematik II, Under Graduate, 2018 - 2019
Sayılar teorisi, Under Graduate, 2016 - 2017, 2017 - 2018
Cebir I, Post Graduate, 2018 - 2019
Abeliyan Gruplar I, Post Graduate, 2018 - 2019
SOYUT CEBİR, Under Graduate, 2017 - 2018
Sayılar Teorisi, Under Graduate, 2018 - 2019
Araştırma Projesi, Under Graduate, 2017 - 2018
Araştırma Projesi I, Under Graduate, 2018 - 2019
Grupların Altnormal Altgrupları, Post Graduate, 2017 - 2018
Matematik ı, Under Graduate, 2016 - 2017
Soyut Cebir, Under Graduate, 2016 - 2017
Araştırma Projesi, Under Graduate, 2017 - 2018
Sayılar Teorisi, Under Graduate, 2017 - 2018
Grup İnşalar, Post Graduate, 2017 - 2018
CebirII, Post Graduate, 2016 - 2017
Cebire Giriş II, Under Graduate, 2011 - 2012
Soyut Matematik, Under Graduate, 2011 - 2012
Cebire Giriş 1, Under Graduate, 2011 - 2012
Lineer Cebir, Under Graduate, 2009 - 2010
Uygulamalı Mühendislik Matematiği, Under Graduate, 2002 - 2003
Mühendislik Matematiği, Under Graduate, 2002 - 2003
Matematik III, Under Graduate, 2002 - 2003

Advising Theses

ARIKAN A., Soluble Groups With The Minimum Condition For Normal Subgroups, Post Graduate, H.BÜŞRA(Student), 2019
ARIKAN A., Automaton Groups And Self-Similar Groups, Post Graduate, B.NUR(Student), 2019
ARIKAN A., Nilpotent olmayan her altgrupları altnormal olan gruplar, Post Graduate, T.KÜÇÜKOĞLU(Student), 2018
ARIKAN A., Groups With All Non-Nilpotent Subgroups Subnormal, T.Küçüköğlü(Student), 2018
ARIKAN A., Infinitely Generated Groups Whose Proper Subgroups Are Solvable, O.Alkış(Student), 2016

ARIKAN A., Her alt grubu altnormal ya da nilpotent-by-Chernikov olan lokal sonlu gruplar, Post Graduate, A.KAYHAN(Student), 2016

ARIKAN A., Öz altgrupları çözülebilir olan sonsuz üreteçli gruplar, Post Graduate, O.ALKIŞ(Student), 2016

ARIKAN A., Locally Finite Groups With All Subgroups Subnormal Or Nilpotent-By-Chernikov, A.Kayhan(Student), 2016

ARIKAN A., Stably solvable groups, Post Graduate, S.YILMAZ(Student), 2014

ARIKAN A., Her öz altgrubu lokal sonlu grubun nilpotent genişlemesi olan gruplar, Post Graduate, S.AKYOL(Student), 2012

ARIKAN A., Groups whose proper subgroups are locally finite-by-nilpotent, S.Akyol(Student), 2012

ARIKAN A., ÖZ ALTGRUPLARI HİPERMERKEZ VEYA NİLPOTENT-BY-CHERNIKOV OLAN LOKAL NİLPOTENT p-GRUPLARI, Post Graduate, F.UYAR(Student), 2011

ARIKAN A., Groups with restriction on their infinite subnormal subgroups, Post Graduate, H.KOCAMAN(Student), 2011

ARIKAN A., FINITARY PERMUTATION GROUPS, Post Graduate, Y.AYDIN(Student), 2009

ARIKAN A., Lokal nilpotent ve lokal çözülebilir gruplar, Post Graduate, E.YILDIZ(Student), 2006

ARIKAN A., Sonsuz basit gruplarda dingin altgruplar, Post Graduate, T.USTA(Student), 2006

ARIKAN A., Simetrik grupların yapısı, Post Graduate, M.YILMAZ(Student), 2005

ARIKAN A., CC-grupların lokal iç otomorfizmaları, Post Graduate, N.USTA(Student), 2002

ARIKAN A., Lokal sonlu grup örnekleri, Post Graduate, O.DELİKAN(Student), 2002

Jury Memberships

Associate Professor Exam, Associate Professor Exam, Gazi Üniversitesi, March, 2020

Associate Professor Exam, Associate Professor Exam, Gazi Üniversitesi, October, 2019

Associate Professor Exam, Associate Professor Exam, Gazi Üniversitesi, October, 2019

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

- I. **On finitary series of groups represented as permutation or linear groups**
ARIKAN A., ARIKAN A., Zitouni A.
COMMUNICATIONS IN ALGEBRA, vol.48, no.3, pp.1356-1370, 2020 (Journal Indexed in SCI)
- II. **ON CERTAIN F-PERFECT GROUPS**
ARIKAN A.
MATHEMATICAL REPORTS, vol.21, no.1, pp.123-133, 2019 (Journal Indexed in SCI)
- III. **On Fitting p-groups with all proper subgroups satisfying an outer commutator law**
ARIKAN A., ARIKAN A.
JOURNAL OF ALGEBRA, vol.352, no.1, pp.341-346, 2012 (Journal Indexed in SCI)
- IV. **On locally graded non-periodic barely transitive groups**
Arıkan A.
RENDICONTI DEL SEMINARIO MATEMATICO DELLA UNIVERSITA DI PADOVA, vol.117, pp.141-146, 2007 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Locally inner endomorphisms of CC-groups**
ARIKAN A.
Yuzuncu Yil University Journal of the Institute of Natural and Applied Sciences, 2005 (Other Refereed National Journals)
- II. **The non existence of NC-p-group under some conditions**

ARIKAN A.

Gazi Üniversitesi Fen Bilimleri Dergisi Part C: Tasarım ve Teknoloji, vol.11, no.4, pp.875-881, 1998 (Other Refereed National Journals)

III. **Locally Nilpotent p -Groups Whose Proper Subgroups Are NC-Groups**

Asar A. O. , ARIKAN A.

Turkish Journal Of Mathematics, vol.21, no.4, pp.501-509, 1997 (Refereed Journals of Other Institutions)

IV. **NC- p groups with nilpotent centralizers**

Asar A. O. , ARIKAN A.

Turkish Journal Of Mathematics, vol.21, no.2, 1997 (Refereed Journals of Other Institutions)

V. **A condition for a locally nilpotent p -group in which every proper subgroup is an NC-group to be an NF-group**

Arıkan A.

Gazi Üniversitesi Fen Edebiyat Dergisi, vol.7, pp.137-144, 1997 (Other Refereed National Journals)

Books & Book Chapters

I. **Sayılar Teorisi**

ARIKAN A.

Gazi Kitapevi, Ankara, 2017

II. **Cebir**

Asar A. O. , ARIKAN A., ARIKAN A.

Eflatun Yayınevi, Ankara, 2009

Refereed Congress / Symposium Publications in Proceedings

I. **Normal Alt Gruplar İçin Minimal Şartını Sağlayan Çözülebilir Gruplar**

Arıkan A.

14. Ankara Matematik Günleri (AMG 2019), Ankara, Turkey, 28 May 2019 - 29 January 2021, pp.60

II. **Otomata Grupları**

Arıkan A.

14. Ankara Matematik Günleri Sempozyumu (AMG 2019), Ankara, Turkey, 28 - 29 May 2019, pp.16

III. **Locally Nilpotent p -Groups Whose Proper Subgroups Are Hypercentral-by-Chernikov**

Arıkan A.

International Conference on Mathematics and Mathematics Education (ICMME-2018), Ordu University, Ordu, 27-29 June 2018, Ordu, Turkey, 27 - 29 June 2018, pp.72-73

IV. **On Certain F-Perfect Groups**

Arıkan A.

ICMME-2017 - International Conference on Mathematics and Mathematics Education, Şanlıurfa, Turkey, 11 - 13 May 2017, vol.1, no.1, pp.122-123

V. **F-Perfect Groups With Some FC-Subgroups**

Arıkan A.

International Conference on Mathematics and Mathematics Education (ICMME-2017), Harran University, Şanlıurfa, 11-13 May 2017, Şanlıurfa, Turkey, 11 March - 13 December 2017, pp.73-74

VI. **İninitely generated periodic groups**

ARIKAN A.

Antalya Algebra Days XVI, Antalya, Turkey, 09 May 2014

VII. **Lokal Dereceli periyodik olmayan Berely Geçişli Gruplar**

ARIKAN A.

12. Matematik Sempozyumu, Ankara, Turkey, 23 May 2013, pp.317-318

- VIII. **Lokal Dereceli Peryodik Olmayan Barely Transitive Gruplar Üzerine**
ARIKAN A.
1: Ankara Matematik Çalıştayı, Ankara, Turkey, 01 June 2006
- IX. **Lokal dereceli Periyodik Olmayan Barely Transitif Gruplar Üzerine**
Arıkan A.
I. Ankara Matematik Çalıştayı, Ankara, Turkey, 1 - 02 June 2006, pp.1
- X. **CC- Gruplarının Lokal İç Endomorfizmaları**
ARIKAN A.
XVI. Ulusal Matematik Sempozyumu, 10 September 2003
- XI. **CC-Grupları**
ARIKAN A.
Gazi Cebir Günleri, Ankara, Turkey, 02 April 2003
- XII. **Lokally Nilpotent p -Groups Whose Proper Subgroups are NC-Group**
Arıkan A.
II. Uluslararası Kızılırmak Fenbilimleri Kongresi 20-22 Mayıs 1998Kırıkkale, Kırıkkale, Turkey, 22 May 1998, pp.217-218
- XIII. **NC-p-Grupları**
Arıkan A.
Sakarya Matematik Sempozyumu, Sakarya, Turkey, 11 - 13 September 1997, pp.28
- XIV. **Nilpotent Merkezleyenli NC-pGrupları**
Arıkan A.
Altınoluk'ta Matematik Günleri, Balıkesir, Turkey, 23 - 26 May 1996, pp.41

Activities in Scientific Journals

SCIREA Journal of Mathematics, Scientific Committee Membership, 2019 - Continues

Scientific Refereeing

14. Ankara Matematik Günleri (AMG 2019), Conference Paper (Abstract), June 2019

COMMUNICATIONS FACULTY OF SCIENCES UNIVERSITY OF ANKARA-SERIES A1 MATHEMATICS AND STATISTICS, Other Indexed Journal, November 2014

Citations

Total Citations (WOS):7

h-index (WOS):2

Awards

Asar A. O., Arıkan A., Arıkan A., Üniversite Ders Kitabı Telif ve Çeviri Eser Ödülü, Türkiye Bilimler Akademisi, April 2010