

Asst. Prof. YILDIZ AYDIN

Personal Information

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International Researcher IDs

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Education Information

Doctorate, Ondokuz Mayıs University, Fen Bilimleri Enstitüsü, Matematik (Dr), Turkey 2010 - 2016

Postgraduate, Gazi University, Fen Bilimleri Enstitüsü, Matematik (YI) (Tezli), Turkey 2005 - 2009

Undergraduate, Gazi University, Gazi Eğitim Fakültesi, Matematik Ve Fen Bilimleri Eğitimi Bölümü, Turkey 1998 - 2003

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Frattini Tümlenmiş Gruplar, Ondokuz Mayıs University, Fen Bilimleri Enstitüsü, Matematik (Dr), 2016

Postgraduate, Finitary permütasyon grupları, Gazi University, Fen Bilimleri Enstitüsü, Matematik (YI) (Tezli), 2009

Research Areas

Mathematics, Associative Rings and Algebras, Nonassociative Rings and Algebras, Group Theory and Generalizations, Natural Sciences

Academic Titles / Tasks

Assistant Professor, Istanbul Gelisim University, FACULTY OF ECONOMICS, ADMINISTRATIVE AND SOCIAL SCIENCES, MANAGEMENT INFORMATION SYSTEMS, 2019 - Continues

Research Assistant, Ondokuz Mayıs University, Fen Bilimleri Enstitüsü, Matematik (Dr), 2013 - 2016

Academic and Administrative Experience

Deputy Head of Department, Istanbul Gelisim University, FACULTY OF ECONOMICS, ADMINISTRATIVE AND SOCIAL SCIENCES, MANAGEMENT INFORMATION SYSTEMS, 2022 - Continues

Deputy Director of the Center, Istanbul Gelisim University, 2020 - 2021

Deputy Head of Department, Istanbul Gelisim University, FACULTY OF ECONOMICS, ADMINISTRATIVE AND SOCIAL SCIENCES, MANAGEMENT INFORMATION SYSTEMS, 2019 - 2021

Courses

Mathematics, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021
Linear Algebra, Undergraduate, 2022 - 2023, 2021 - 2022, 2018 - 2019
Mathematics I, Undergraduate, 2022 - 2023, 2020 - 2021, 2019 - 2020
MATHEMATICS, Undergraduate, 2023 - 2024
Mathematics, Undergraduate, 2023 - 2024, 2021 - 2022, 2020 - 2021, 2019 - 2020
Linear Algebra, Undergraduate, 2023 - 2024, 2022 - 2023
İşletme Matematiği, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020
Mathematics II , Undergraduate, 2022 - 2023, 2019 - 2020
İstatistik II, Undergraduate, 2021 - 2022, 2020 - 2021
Mathematics I, Undergraduate, 2022 - 2023, 2018 - 2019
Mathematics II, Undergraduate, 2020 - 2021, 2019 - 2020
Mathematics II, Undergraduate, 2020 - 2021, 2019 - 2020
İstatistik I, Undergraduate, 2021 - 2022, 2020 - 2021
İstatistik (Havacılık Yönetimi, Yönetim Bilişim Sistemleri), Undergraduate, 2021 - 2022, 2019 - 2020
Matematik I, Undergraduate, 2019 - 2020
İleri Matematik (İnşaat Mühendisliği), Undergraduate, 2019 - 2020
İletişim Bilimlerinde İstatistik (Halkla İlişkiler ve Tanıtım), Undergraduate, 2019 - 2020
Statistics , Undergraduate, 2019 - 2020

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Some Algebraic Classification of Semiregular Hypermodules in Connection to the Radical**
Aydın Y., Türkmen B. N.
Journal of Mathematics, vol.2024, no.1, pp.1-7, 2024 (SCI-Expanded)
- II. **Frattini supplements and frat series**
Aydın Y., Pancar A.
Bulletin of the Iranian Mathematical Society, vol.43, no.3, pp.747-753, 2017 (SCI-Expanded)

Articles Published in Other Journals

- I. **Hisse Senedi Fiyatlarının LSTM ve ARIMA Modelleri Kullanılarak Tahmin Edilmesi**
Aydın Y., Varol G., Gökdeniz E. E., Manus H.
Fırat Üniversitesi Mühendislik Bilimleri Dergisi, vol.36, no.2, pp.903-911, 2024 (Peer-Reviewed Journal)
- II. **On Subultra-Groups**
Aydın Y.
Journal Of Science and Arts, vol.24, no.2, pp.341-348, 2024 (ESCI)
- III. **Generalizations of rad-supplemented modules**
Kaynar E., Türkmen E., Aydın Y.
Publications de l'Institut Mathematique, vol.104, no.118, pp.139-148, 2018 (Scopus)
- IV. **On A Problem of Minimal Non FC Groups**
Aydın Y.
INTERNATIONAL JOURNAL OF PURE AND APPLIED MATHEMATICS, vol.108, no.2, pp.421-423, 2016 (Peer-Reviewed Journal)
- V. **Closed cofinitely weak supplemented modules**
Nişancı Türkmen B., Aydın Y., Pancar A.
International Journal of Algebra, vol.10, no.1, pp.41-47, 2016 (Peer-Reviewed Journal)
- VI. **On Minimal Non elementary Groups and Proper NF groups**

AYDIN Y., PANCAR A.

British Journal of Mathematics and Computer Science, vol.15, no.4, 2016 (Peer-Reviewed Journal)

VII. ON F SUPPLEMENTS OF GROUPS

AYDIN Y., PANCAR A.

Palestine Journal of Mathematics, 2015 (Peer-Reviewed Journal)

Books & Book Chapters

I. Lineer Denklem Sistemleri

Aydın Y.

in: Matematik: İktisadi ve İdari Bilimler Fakülteleri İçin, Dr. Öğretim Üyesi Didem Tetik Küçükkelçi, Dr. Öğretim Üyesi Deniz Altun, Editor, İGÜ Yayınları, İstanbul, pp.288-301, 2023

II. Determinant

Aydın Y.

in: Matematik: İktisadi ve İdari Bilimler Fakülteleri İçin, Dr. Öğr. Üyesi Didem Tetik Küçükkelçi, Dr. Öğretim Üyesi Deniz Altun, Editor, İGÜ Yayınları, İstanbul, pp.274-287, 2023

III. Girdi- Çıktı Analizi

Aydın Y.

in: Matematik: İktisadi ve İdari Bilimler Fakülteleri İçin, Dr. Öğr. Üyesi Didem Tetik Küçükkelçi, Dr. Öğretim Üyesi Deniz Altun, Editor, İGÜ Yayınları, İstanbul, pp.302-308, 2023

IV. Matrisler

Aydın Y.

in: Matematik: İktisadi ve İdari Bilimler Fakülteleri İçin, Dr. Öğr. Üyesi Didem Tetik Küçükkelçi, Dr. Öğretim Üyesi Deniz Altun, Editor, İGÜ Yayınları, İstanbul, pp.252-273, 2023

V. ON QUASI-NORMAL SUBGROUPS OF FINITE GROUPS

AYDIN Y.

in: LECTURES OF PURE MATHEMATICS ON ALGEBRA ANALYSIS AND GEOMETRY, N. Türkmen Burcu, Editor, ARTİKEL AKADEMİ, İstanbul, pp.15-25, 2021

Refereed Congress / Symposium Publications in Proceedings

I. Sonlu Kanonik Hipergrupların SS-Tümlemiş Althipergrupları

Cam S., NİŞANCI TÜRKMEN B., AYDIN Y.

36. Ulusal Matematik Sempozyumu, 09 September 2024

II. Regular and Semiregular Hypermodules

AYDIN Y., NİŞANCI TÜRKMEN B.

6th INTERNATIONAL HYBRID CONFERENCE ON MATHEMATICAL ADVANCES AND APPLICATIONS, Turkey, 10 May 2023

III. On Finite Groups with (Ss)-M Supplemented Subgroups

AYDIN Y.

11th International Eurasian Conference on Mathematical Sciences and Applications (IECMSA-2022), Turkey, 29 - 31 August 2022

IV. On A Problem of Minimal Non-FC-Groups

AYDIN Y.

Caucasian Mathematics Conference II (CMC II), 22 - 24 August 2017

V. Frattini Supplements and Frat Series

AYDIN Y.

Group Theory In Florence: A Meeting In Honour Of Guido Zappa, 16 - 17 June 2016

VI. Frattini Supplemented Groups

AYDIN Y., PANCAR A.

International Conference On Algebra In Honour of Patrick Smith and John Clark's 70th Birthdays, 12 August
2013 - 15 August 2103

VII. **HR-Maksimal Althalkalar**

AYDIN Y., PANCAR A.

XXIV. Ulusal Matematik Sempozyumu, Turkey, 7 - 10 September 2011

Supported Projects

Aydın Y., Project Supported by Higher Education Institutions, Bir Ultra-Grubun Altultra-Grupları ve Abelyan Bölüm Ultra-Grupları Karakterizasyonu, 2021 - 2023

Scientific Refereeing

Scientific Publication, İGÜ Etik Kurul Başkanlığı, Istanbul Gelisim University, Turkey, November 2024

Scientific Publication, İGÜ Etik Kurul Daire Başkanlığı, Istanbul Gelisim University, Turkey, November 2024

Scientific Publication, İGÜ Etik Kurul Daire Başkanlığı, Istanbul Gelisim University, Turkey, October 2024

HONAM MATHEMATICAL JOURNAL, Journal Indexed in ESCI, July 2024

Scientific Publication, İGÜ Etik Kurul Daire Başkanlığı, Istanbul Gelisim University, Turkey, June 2024

Project Supported by Higher Education Institutions, BAP PhD, Amasya University, Turkey, December 2023

Journal of Algebra and Related Topics, Other Indexed Journal, November 2023

Scientific Publication, İstanbul Gelişim Üniversitesi Etik Kurulu, Istanbul Gelisim University, Turkey, September 2023

Scientific Publication, İstanbul Gelişim Üniversitesi Etik Kurulu, Istanbul Gelisim University, Turkey, May 2023

Scientific Publication, İstanbul Gelişim Üniversitesi Etik Kurulu, Istanbul Gelisim University, Turkey, November 2022

JOURNAL OF SCIENCE AND ARTS, Journal Indexed in ESCI, October 2022

HONAM MATHEMATICAL JOURNAL, Journal Indexed in ESCI, October 2022

Asian Journal of Pure and Applied Mathematics, Other Indexed Journal, April 2022

Scientific Publication, İstanbul Gelişim Üniversitesi Etik Kurulu, Istanbul Gelisim University, Turkey, April 2022

Journal of Universal Mathematics, Other journals, August 2021