

## Asst. Prof. HASAN ARSLAN

### Personal Information

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### International Researcher IDs

ScholarID: 16mIwAAAAJ

ORCID: 0000-0002-0430-8737

Publons / Web Of Science ResearcherID: AAL-7154-2021

ScopusID: 57203413512

Yoksis Researcher ID: 117068

### Education Information

Doctorate, Erciyes University, Fen Bilimleri Enstitüsü, Matematik, Turkey 2009 - 2015

Masters (Non-Thesis), Erciyes University, Eğitim Bilimleri Enstitüsü, Matematik Öğretmenliği, Turkey 2013 - 2014

Doctorate, National University of Ireland, Galway , School of Mathematics, Statistics and Applied Mathematics, Mathematics, Ireland 2011 - 2012

Postgraduate, Erciyes University, Fen Bilimleri Enstitüsü, Matematik, Turkey 2007 - 2009

Undergraduate, Ankara University, Fen Fakültesi, Matematik Bölümü, Turkey 2001 - 2005

### Foreign Languages

English, B2 Upper Intermediate

### Dissertations

Doctorate,  $B_n$ -Tipi Coxeter Gruplarının İndirgenmiş Cebirleri, Erciyes Üniversitesi, Fen Bilimleri Enstitüsü, Matematik, 2015

Postgraduate, Sonlu Coxeter Gruplarının İndirgenmiş Cebirleri, Erciyes University, Fen Bilimleri Enstitüsü, Matematik, 2009

### Research Areas

Mathematics, Associative Rings and Algebras, Combinatorics, Natural Sciences

### Academic Titles / Tasks

Assistant Professor, Erciyes University, Fen Fakültesi, Matematik, 2020 - Continues

Research Assistant PhD, Erciyes University, Fen Fakültesi, Matematik, 2015 - 2020

Research Assistant, Erciyes University, Fen Fakültesi, Matematik, 2007 - 2015

## Academic and Administrative Experience

Vice Dean, Erciyes University, Fen Fakültesi, 2020 - Continues

Faculty Management Board Member, Erciyes University, Fen Fakültesi, --, 2021 - 2024

## Courses

WEYL GRUPLARI I, Postgraduate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021

AYRIK MATEMATİK, Undergraduate, 2023 - 2024

ASTMAT 105 LİNEER CEBİR, Undergraduate, 2024 - 2025, 2023 - 2024

WEYL GRUPLARI II, Postgraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020

Lineer Cebir, Undergraduate, 2024 - 2025

MATEMATİK II, Undergraduate, 2023 - 2024

SAYILAR TEORİSİ II, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019

SAYILAR TEORİSİ I, Undergraduate, 2024 - 2025, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019

TEZ ÇALIŞMASI I, Postgraduate, 2022 - 2023, 2021 - 2022

UEE 101 MATEMATİK I, Undergraduate, 2023 - 2024

BİTİRME TEZİ II, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021

BİTİRME TEZİ I, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021

SOYUT MATEMATİK VE LOJİK II, Undergraduate, 2022 - 2023

SOYUT MATEMATİK, Undergraduate, 2023 - 2024

TEZ ÇALIŞMASI II, Postgraduate, 2022 - 2023, 2021 - 2022

MAT 211 SAYILAR TEORİSİ I, Undergraduate, 2023 - 2024

SAYISAL YÖNTEMLER, Undergraduate, 2022 - 2023, 2020 - 2021, 2019 - 2020

UZMANLIK ALAN DERSİ II, Postgraduate, 2022 - 2023, 2021 - 2022

MATEMATİK II, Undergraduate, 2022 - 2023, 2020 - 2021

UZMANLIK ALAN DERSİ I, Postgraduate, 2022 - 2023, 2021 - 2022

İLERİ SAYILAR TEORİSİ II, Undergraduate, 2021 - 2022, 2020 - 2021

TEZ DANIŞMANLIĞI I, Postgraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021

TEZ DANIŞMANLIĞI II, Postgraduate, 2021 - 2022, 2020 - 2021

MÜHENDİSLİK MATEMATİĞİ, Undergraduate, 2021 - 2022

DİFERENSİYEL DENKLEMLER, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021

ANALİTİK SAYILAR TEORİSİ II, Postgraduate, 2021 - 2022, 2020 - 2021

ANALİTİK GEOMETRİ, Undergraduate, 2021 - 2022

SOYUT MATEMATİK VE LOJİK I, Undergraduate, 2022 - 2023

MATEMATİK I, Undergraduate, 2022 - 2023, 2020 - 2021

ANALİZDE SEÇME KONULAR I, Undergraduate, 2021 - 2022, 2020 - 2021

ANALİTİK SAYILAR TEORİSİ I, Postgraduate, 2021 - 2022

DİFERENSİYEL DENKLEMLER, Undergraduate, 2021 - 2022, 2020 - 2021

İLERİ SAYILAR TEORİSİ I, Undergraduate, 2021 - 2022, 2020 - 2021

DİFERENSİYEL DENKLEMLER, Undergraduate, 2021 - 2022, 2020 - 2021

ANALİZDE SEÇME KONULAR II, Undergraduate, 2020 - 2021

LİNEER CEBİR VE SAYISAL YÖNTEMLER, Undergraduate, 2019 - 2020, 2018 - 2019

MATEMATİK II, Undergraduate, 2019 - 2020

Genel Matematik II, Undergraduate, 2019 - 2020, 2018 - 2019

MÜHENDİSLİK MATEMATİĞİ IV, Undergraduate, 2019 - 2020

MÜHENDİSLİK MATEMATİĞİ IV, Undergraduate, 2019 - 2020

MATEMATİK, Undergraduate, 2020 - 2021, 2018 - 2019, 2017 - 2018

Genel Matematik I, Undergraduate, 2019 - 2020, 2018 - 2019

Diferensiyel Denklemler, Undergraduate, 2018 - 2019

Diferensiyel Denklemler, Undergraduate, 2019 - 2020

Lineer Cebir, Undergraduate, 2019 - 2020, 2018 - 2019  
Lineer Cebir, Undergraduate, 2019 - 2020  
Mühendislik Matematiği II, Undergraduate, 2018 - 2019  
Matematik III, Undergraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018  
Lineer Cebir , Undergraduate, 2019 - 2020  
MATEMATİK-II, Undergraduate, 2017 - 2018  
DİFERENSİYEL DENKLEMLER, Undergraduate, 2018 - 2019  
DİFERANSİYEL DENKLEMLER, Undergraduate, 2018 - 2019

## Advising Theses

Arslan H., Möbius ve Burnside Cebiri, Postgraduate, H.ÜSTELİK(Student), Continues  
Arslan H., Klasik Weyl Gruplarının İşaretili Mahonian Polinomları, Postgraduate, H.YILDIZ(Student), Continues  
Arslan H., Genelleştirilmiş Simetrik Gruplardaki Düzensizlikler, Postgraduate, H.TAHSİN(Student), Continues  
Arslan H., Permütasyon İstatistikleri ve Çoklu Kümeler, Postgraduate, R.AYDIN(Student), 2024  
Altındış H., Arslan H., MOR Cryptosystem over Classical Weyl Groups, Doctorate, A.ALTOUM(Student), 2024  
Arslan H., FİBONACCİ TİPİ SAYI DİZİLERİ VE UYGULAMALARI, Postgraduate, Y.GÖVEÇ(Student), 2024