

## Assoc. Prof. ABDULLAH YENER

### Personal Information

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### International Researcher IDs

ScholarID: [rIADoVsAAAAJ](https://orcid.org/0000-0002-9349-5166)

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Publons / Web Of Science ResearcherID: HSE-1368-2023

ScopusID: 57023452900

Yoksis Researcher ID: 30844

### Education Information

Doctorate, Istanbul Commerce University, Fen Bilimleri Enstitüsü, Matematik (Dr), Turkey 2013 - 2017

Undergraduate, Koc University, Rektörlük, Exchange Bölümü, Turkey 2013 - 2014

Postgraduate, Istanbul Commerce University, Fen Bilimleri Enstitüsü, Matematik (YI) (Tezli), Turkey 2011 - 2013

Undergraduate, Middle East Technical University, Fen-Edebiyat Fakültesi, Matematik Bölümü, Turkey 2005 - 2010

### Foreign Languages

English, C1 Advanced

### Dissertations

Doctorate, Heisenberg grubunda Hardy, Rellich eşitsizlikleri ve bu eşitsizliklerin bazı uygulamaları, Istanbul Commerce University, Fen Bilimleri Enstitüsü, Matematik (Dr), 2017

Postgraduate, Heisenberg grubunda ısı denklemi, Istanbul Commerce University, Fen Bilimleri Enstitüsü, Matematik (YI) (Tezli), 2013

### Research Areas

Differential Equations

### Academic Titles / Tasks

Associate Professor, Istanbul Commerce University, İnsan ve Toplum Bilimleri Fakültesi, Matematik Bölümü, 2022 - Continues

Assistant Professor, Istanbul Commerce University, İnsan ve Toplum Bilimleri Fakültesi, Matematik Bölümü, 2018 - 2022

Research Assistant, Istanbul Commerce University, İşletme Fakültesi, İktisat Bölümü, 2016 - 2018

Research Assistant, Istanbul Commerce University, İnsan ve Toplum Bilimleri Fakültesi, Matematik Bölümü, 2011 - 2016

## Academic and Administrative Experience

Üniversite Ortak Dersleri Koordinatörü, Istanbul Commerce University, İnsan Ve Toplum Bilimleri Fakültesi, Matematik Bölümü, 2025 - Continues

## Courses

### Doctorate

Kısmi Diferansiyel Denklemlerde Seçme Konular, Doctorate, 2018 - 2019

### Postgraduate

Mathematical Methods in Economics, Postgraduate, 2023 - 2024

Ekonomide Matematiksel Yöntemler, Postgraduate, 2021 - 2022

Fourier Serileri ve Sınır Değer Problemleri, Postgraduate, 2021 - 2022, 2020 - 2021

İleri Mühendislik Matematiği, Postgraduate, 2020 - 2021

### Undergraduate

Bitirme Projesi, Undergraduate, 2024 - 2025

Matematik Analiz 2, Undergraduate, 2024 - 2025

Diferansiyel Geometri, Undergraduate, 2024 - 2025

Kısmi Türevli Denklemler 2, Undergraduate, 2024 - 2025

Mathematics 2, Undergraduate, 2024 - 2025

Mathematics 1, Undergraduate, 2024 - 2025

Fonksiyonel Analiz 2, Undergraduate, 2023 - 2024

Mathematics 1, Undergraduate, 2024 - 2025

Topoloji, Undergraduate, 2024 - 2025

Matematiksel Analiz 1, Undergraduate, 2024 - 2025

Lineer Cebir 2, Undergraduate, 2023 - 2024

Kısmi Türevli Denklemler 1, Undergraduate, 2024 - 2025

Matematik Analiz 4, Undergraduate, 2023 - 2024

Kısmi Türevli Denklemler 2, Undergraduate, 2023 - 2024

Lineer Cebir 1, Undergraduate, 2023 - 2024

Matematik Analiz 3, Undergraduate, 2023 - 2024

Kısmi Türevli Denklemler 1, Undergraduate, 2023 - 2024

Mathematics 2, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019

Matematik Analiz 3, Undergraduate, 2021 - 2022

Mathematics 1, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019

İşletme Matematiği, Undergraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019

Matematik Analiz 1, Undergraduate, 2020 - 2021

Matematik Analiz 2, Undergraduate, 2020 - 2021

Mathematical Analysis 2, Undergraduate, 2020 - 2021, 2018 - 2019

Mathematical Analysis 1, Undergraduate, 2020 - 2021

Mühendislik Matematiği 2, Undergraduate, 2019 - 2020, 2018 - 2019

Mühendislik Matematiği 1, Undergraduate, 2019 - 2020

Engineering Mathematics 2, Undergraduate, 2018 - 2019

Numerical Analysis, Undergraduate, 2016 - 2017

## Supervised Theses

ABDULLAH Y., Greiner operatörü ile ilişkilendirilmiş hızlı difüzyon denklemi ve bazı integral eşitsizlikleri, Postgraduate, A.ÜĞÜR(Student), 2022

ABDULLAH Y., Greiner vektör alanlarında P-Laplace denklemleri ve Hardy tipi eşitsizlikler, Postgraduate, A.SALAMI(Student), 2022

## Jury Memberships

Doctoral Examination, Doctoral Examination, Yıldız Teknik Üniversitesi, November, 2025

Appointment to Academic Staff-Assistant Professorship, Appointment to Academic Staff-Assistant Professorship, İstanbul Medipol Üniversitesi, December, 2024

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, İstanbul Ticaret Üniversitesi, December, 2024

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Weighted Hardy type inequalities with Robin boundary conditions**  
Yener A., Kömbe İ.  
DISCRETE AND CONTINUOUS DYNAMICAL SYSTEMS - SERIES S, vol.17, no.5&6, pp.1889-1898, 2024 (SCI-Expanded)
- II. **A general approach to weighted  $L_p$  Rellich type inequalities related to greiner operator**  
KÖMBE İ., YENER A.  
Communications on Pure and Applied Analysis, vol.18, no.2, pp.869-886, 2019 (SCI-Expanded)
- III. **General weighted hardy type inequalities related to Baouendi-Grushin operators**  
KÖMBE İ., YENER A.  
Complex Variables and Elliptic Equations, vol.63, no.3, pp.420-436, 2018 (SCI-Expanded)
- IV. **A general approach to weighted Rellich type inequalities on Carnot groups**  
Goldstein J. A., KÖMBE İ., YENER A.  
Monatshefte für Mathematik, vol.186, no.1, pp.49-72, 2018 (SCI-Expanded)
- V. **General weighted Hardy-type inequalities related to greiner operators**  
YENER A.  
Rocky Mountain Journal of Mathematics, vol.48, no.7, pp.2405-2430, 2018 (SCI-Expanded)
- VI. **Several Hardy-type inequalities with weights related to Baouendi-Grushin operators**  
YENER A.  
Turkish Journal of Mathematics, vol.42, no.6, pp.3050-3060, 2018 (SCI-Expanded)
- VII. **A unified approach to weighted Hardy type inequalities on Carnot groups**  
Goldstein J. A., KÖMBE İ., YENER A.  
Discrete and Continuous Dynamical Systems- Series A, vol.37, no.4, pp.2009-2021, 2017 (SCI-Expanded)
- VIII. **Weighted Rellich type inequalities related to baouendi-grushin operators**  
KÖMBE İ., YENER A.  
Proceedings of the American Mathematical Society, vol.145, no.11, pp.4845-4857, 2017 (SCI-Expanded)
- IX. **Weighted Hardy and Rellich type inequalities on Riemannian manifolds**  
KÖMBE İ., YENER A.  
Mathematische Nachrichten, vol.289, no.8-9, pp.994-1004, 2016 (SCI-Expanded)
- X. **Weighted hardy type inequalities on the heisenberg group  $\mathbb{H}^n$**   
YENER A.  
Mathematical Inequalities and Applications, vol.19, no.2, pp.671-683, 2016 (SCI-Expanded)

## Articles Published in Other Journals

**I. GREINER OPERATÖRÜYLE İLİŞKİLENDİRİLMİŞ HIZLI DİFÜZYON DENKLEMİ VE BAZI İNTEGRAL EŞİTSİZLİKLERİ**

Utku A. U., Yener A.

İstanbul Ticaret Üniversitesi Fen Bilimleri Dergisi, vol.23, no.45, pp.14-26, 2024 (Peer-Reviewed Journal)

**Papers Published in Refereed Scientific Meetings**

- I. Some Recent Results on Nonlinear Parabolic Problems Related to Greiner Operator**  
Yener A.  
International Conference on Modern Problems of Mathematics, Mechanics and their Applications, Baku, Azerbaijan, 20 - 22 June 2024
- II. Nonlinear Parabolic Equations on Greiner Vector Fields Related to Some Integral Inequalities**  
UTKU A. U., YENER A.  
5th International Conference on Mathematical Advances and Applications (ICOMAA-2022), İstanbul, Turkey, 11 - 14 May 2022, pp.30
- III. Nonexistence Results for the p-Laplace Equations Related with the Greiner Operator**  
SALAMI A., YENER A.  
5th International Conference on Mathematical Advances and Applications (ICOMAA-2022), İstanbul, Turkey, 11 - 14 May 2022, pp.27
- IV. Several Weighted Hardy type Inequalities with Robin Boundary Conditions**  
YENER A.  
International Conference on Mathematics and Mathematics Education, Ankara, Turkey, 16 - 18 September 2021
- V. A New Approach to Weighted Hardy-Type Inequalities on the Heisenberg Group**  
YENER A.  
International Congress on Fundamental and Applied Sciences (ICFAS2017), Saray Bosna, Bosnia And Herzegovina, 21 - 25 August 2017, pp.10
- VI. Recent Advances on Weighted Rellich-Type Inequalities on the Heisenberg Group**  
YENER A.  
International Conference on Mathematics and Mathematics Education (ICMME-2017), Şanlıurfa, Turkey, 11 - 13 May 2017, pp.584-585
- VII. A Unified Approach To Weighted  $L^p$  Hardy Type Inequalities On Riemannian Manifolds**  
YENER A.  
International Conference on Analysis and Its Applications (ICAA-2016), Kırşehir, Turkey, 12 - 15 July 2016
- VIII. Nonlinear Degenerate Parabolic Partial Differential Equations On the Heisenberg Group**  
YENER A.  
3rd International Eurasian Conference on Mathematical Sciences and Applications, Viyana, Austria, 25 - 28 August 2014