

## Doç. Dr. UĞUR SERT

### Kişisel Bilgiler

İş Telefonu: [+90 312 297 7870](tel:+903122977870) Dahili: 7870

E-posta: [usert@hacettepe.edu.tr](mailto:usert@hacettepe.edu.tr)

Web: <https://avesis.hacettepe.edu.tr/usert>

### Uluslararası Araştırmacı ID'leri

ORCID: 0000-0003-4783-6983

Publons / Web Of Science ResearcherID: FVI-8007-2022

Yoksis Araştırmacı ID: 104094

### Eğitim Bilgileri

Post Doktora, Universidad de Oviedo Instituto Universitario de la Empresa, Faculty of Science, Department of Mathematics, İspanya 2019 - 2020

Doktora, Hacettepe Üniversitesi, Fen Bilimleri, Matematik, Türkiye 2010 - 2016

Yüksek Lisans, Hacettepe Üniversitesi, Fen Fakültesi, Matematik, Türkiye 2007 - 2010

Lisans, Hacettepe Üniversitesi, Fen Fakültesi, Matematik, Türkiye 2003 - 2007

### Araştırma Alanları

Matematik, Diferansiyel denklemler, Fonksiyonel Analiz , Temel Bilimler

### Akademik Unvanlar / Görevler

Araştırma Görevlisi, Hacettepe Üniversitesi, Fen Fakültesi, Matematik Bölümü, 2007 - Devam Ediyor

### SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **On solvability of a class of degenerate Kirchhoff equations with logarithmic nonlinearity**  
Sert U.  
JOURNAL OF THE KOREAN MATHEMATICAL SOCIETY, cilt.60, sa.3, ss.565-586, 2023 (SCI-Expanded)
- II. **On a class of nonlocal porous medium equations of Kirchhoff type**  
Sert U.  
TURKISH JOURNAL OF MATHEMATICS, cilt.46, sa.6, ss.2231-2249, 2022 (SCI-Expanded)
- III. **On a class of nonlocal parabolic equations of Kirchhoff type: Nonexistence of global solutions and blow-up**  
SERT U., Shmarev S.  
MATHEMATICAL METHODS IN THE APPLIED SCIENCES, cilt.45, sa.14, ss.8674-8700, 2022 (SCI-Expanded)
- IV. **On a degenerate nonlocal parabolic equation with variable source**  
SERT U., Shmarev S.  
JOURNAL OF MATHEMATICAL ANALYSIS AND APPLICATIONS, cilt.484, sa.1, 2020 (SCI-Expanded)
- V. **Some analysis on a fractional differential equation with a right-hand side which has a discontinuity at zero**

San M., SERT U.

HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, cilt.49, sa.5, ss.1718-1725, 2020 (SCI-Expanded)

**VI. SOLVABILITY OF NONLINEAR ELLIPTIC TYPE EQUATION WITH TWO UNRELATED NON STANDARD GROWTHS**

SERT U., Soltanov K.

JOURNAL OF THE KOREAN MATHEMATICAL SOCIETY, cilt.55, sa.6, ss.1337-1358, 2018 (SCI-Expanded)

**VII. ON SOLVABILITY OF A CLASS OF NONLINEAR ELLIPTIC TYPE EQUATION WITH VARIABLE EXPONENT**

SERT U., SOLTANOV K.

JOURNAL OF APPLIED ANALYSIS AND COMPUTATION, cilt.7, sa.3, ss.1139-1160, 2017 (SCI-Expanded)

## **Diğer Dergilerde Yayınlanan Makaleler**

**I. Existence for a Nonlocal Porous Medium Equations of Kirchhoff Type with Logarithmic Nonlinearity**

Sert U.

Turkish Journal of Mathematics and Computer Science, cilt.15, sa.2, ss.247-257, 2023 (Hakemli Dergi)

**II. Existence and Behavior Results for a Nonlocal Nonlinear Parabolic Equation with Variable Exponent**

SERT U., ÖZTÜRK E.

KYUNGPOOK MATHEMATICAL JOURNAL, cilt.60, sa.1, ss.145-161, 2020 (ESCI)

**III. CERTAIN RESULTS FOR A CLASS OF NONLINEAR FUNCTIONAL SPACES**

Soltanov K., Sert U.

CARPATHIAN MATHEMATICAL PUBLICATIONS, cilt.12, sa.1, ss.208-228, 2020 (ESCI)

## **Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar**

**I. On a class of p-Kirchhoff equations with nonlocal logarithmic nonlinearity**

Sert U.

International Conference on Mathematical Analysis and Applications in Science and Engineering, Porto, Portekiz, 20 - 22 Haziran 2024, ss.1-22

**II. On Applications of Certain Functional Spaces to Some Model of Nonlocal Parabolic Equations**

SERT U.

7th International Conference on Mathematics, "An Istanbul Meeting for World Mathematicans", (ICOM-2023), İstanbul, Türkiye, 11 - 13 Temmuz 2023

**III. On a functional analysis approach to a class of parabolic equations with logarithmic nonlinearity**

SERT U.

7th International Conference of Mathematical Sciences, (ICMS-2023), İstanbul, Türkiye, 5 - 09 Temmuz 2023

**IV. On a class of nonlocal porous medium equations of Kirchhoff type**

Sert U.

6th International Conference on Mathematical Advances and Applications, (ICOMAA-2023), İstanbul, Türkiye, 10 - 13 Mayıs 2023, ss.199

**V. On a class of nonlocal evolution equations of Kirchhoff type**

Sert U.

XXVI Congress of Differential Equations and Applications /XVI Congress of Applied Mathematics (CEDYA/CMA), 14 - 18 Haziran 2021, ss.224

**VI. Solvability of nonlinear elliptic type equations with two unrelated non standart growths**

Sert U.

12th ISAAC Congress, Aveiro, Portekiz, 29 Temmuz - 02 Ağustos 2019, ss.80

**VII. Existence and behavior results for a nonlocal nonlinear parabolic equation with variable exponent**

Sert U., Öztürk E.

7th International Conference on Applied Analysis and Mathematical Modelling, İstanbul, Türkiye, 20 - 24 Haziran

2018, ss.143

**VIII. On solvability of a class of nonlinear elliptic type equation with variable exponent**

Sert U., Soltanov K.

MADEA-7, Mathematical Analysis, Differential Equations and their Applications, Baku, Azerbaycan, 8 - 13 Eylül 2015, ss.154

**IX. Existence results for a class of nonlinear elliptic equation with variable exponent**

Sert U., Soltanov K.

2nd International Eurasian Conference on Mathematical Sciences and Applications, IECMSA-2013, Sarajevo, Bosna-Hersek, 26 - 29 Ağustos 2013, ss.214

**X. On a class of nonlinear filtration equation with variable exponent**

Sert U., Soltanov K.

International Conference on Anatolian Communications in Nonlinear Analysis, Bolu, Türkiye, 3 - 06 Temmuz 2013, ss.39

**XI. Bir sınıf fonksiyonel uzayların bazı özelliklerinin incelenmesi**

Sert U., Soltanov K.

XXIII. Ulusal Matematik Sempozyumu, Kayseri, Türkiye, 4 - 07 Ağustos 2010, ss.190

## **Desteklenen Projeler**

SERT U., Yükseköğretim Kurumları Destekli Proje, Doğrusal olmayan değişken üstlü bir sınıf eliptik türde denklemin çözülebilirliği, 2015 - 2017

## **Metrikler**

Yayın: 21

Atf (WoS): 8

Atf (Scopus): 10

H-İndeks (WoS): 2

H-İndeks (Scopus): 2