

# Prof. İDRİS ZORLUTUNA

## Personal Information

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## International Researcher IDs

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## Education Information

Doctorate, Sivas Cumhuriyet University, Fen Fakültesi, Matematik Bölümü, Turkey 1996 - 2000

Postgraduate, Sivas Cumhuriyet University, Fen Fakültesi, Matematik Bölümü, Turkey 1994 - 1996

Undergraduate, Sivas Cumhuriyet University, Fen Fakültesi, Matematik Bölümü, Turkey 1989 - 1993

## Research Areas

Natural Sciences

## Academic Titles / Tasks

Professor, Sivas Cumhuriyet University, Fen Fakültesi, Matematik Bölümü, 2016 - Continues

Associate Professor, Sivas Cumhuriyet University, Fen Fakültesi, Matematik Bölümü, 2011 - 2016

Assistant Professor, Sivas Cumhuriyet University, Fen Fakültesi, Matematik Bölümü, 2002 - 2011

Research Assistant, Sivas Cumhuriyet University, Fen Fakültesi, Matematik Bölümü, 1994 - 2002

## Academic and Administrative Experience

Sivas Cumhuriyet Üniversitesi, Fen Fakültesi, 2017 - Continues

Sivas Cumhuriyet Üniversitesi, Fen Bilimleri Enstitüsü, 2016 - 2017

Sivas Cumhuriyet Üniversitesi, Fen Bilimleri Enstitüsü, 2008 - 2013

## Courses

Uzmanlık Alan Dersi, Doctorate, 2018 - 2019

Topoloji - II, Undergraduate, 2018 - 2019

Uzmanlık Alan Dersi, Postgraduate, 2018 - 2019

Doğrusal Cebir, Undergraduate, 2019 - 2020

Topoloji - I, Undergraduate, 2019 - 2020

Topoloji - II, Undergraduate, 2018 - 2019

Doğrusal Cebir, Undergraduate, 2019 - 2020

Sayısal Analiz, Undergraduate, 2018 - 2019  
Topoloji - I, Undergraduate, 2019 - 2020  
Genel Matematik - II, Undergraduate, 2017 - 2018  
Topolojide Seçme Konular, Postgraduate, 2017 - 2018  
Genel Matematik - I, Undergraduate, 2017 - 2018  
Yüksek Matematik, Undergraduate, 2018 - 2019  
Topolojik Uzaylar-II, Doctorate, 2018 - 2019  
Matematik - II, Undergraduate, 2017 - 2018  
Bitirme Ödevi/Tezi, Undergraduate, 2018 - 2019  
Topolojik Uzaylar I, Doctorate, 2016 - 2017  
Genel Matematik - II, Undergraduate, 2016 - 2017  
Matematik - I, Undergraduate, 2017 - 2018  
Genel Matematik - II, Undergraduate, 2016 - 2017  
Seminer Dersi, Postgraduate, 2017 - 2018  
Soyut Matematik - II, Undergraduate, 2015 - 2016  
Soyut Matematik - I, Undergraduate, 2016 - 2017  
Doğrusal Cebir, Undergraduate, 2016 - 2017  
Soyut Matematik - II, Undergraduate, 2015 - 2016  
Soyut Matematik - I, Undergraduate, 2016 - 2017  
Doğrusal Cebir, Undergraduate, 2016 - 2017  
Topolojik Gruplar, Undergraduate, 2014 - 2015  
Topolojik Gruplar, Undergraduate, 2014 - 2015  
Topoloji - II, Undergraduate, 2013 - 2014  
İleri Topoloji-II, Postgraduate, 2013 - 2014  
Topoloji - II, Undergraduate, 2013 - 2014  
Çoğul Değerli Fonksiyonlar, Postgraduate, 2014 - 2015  
Genel Matematik - II, Undergraduate, 2012 - 2013  
Genel Matematik - II, Undergraduate, 2012 - 2013  
Soyut Matematik II, Undergraduate, 2011 - 2012  
Soyut Matematik I, Undergraduate, 2012 - 2013  
Genel Matematik - I, Undergraduate, 2012 - 2013  
Soyut Matematik I, Undergraduate, 2012 - 2013  
Lineer Cebir, Undergraduate, 2012 - 2013  
Lineer Cebir, Undergraduate, 2012 - 2013  
Genel Matematik - I, Undergraduate, 2012 - 2013  
Genel Matematik - I, Undergraduate, 2012 - 2013  
Genel Matematik II, Undergraduate, 2008 - 2009  
Genel Matematik II, Undergraduate, 2009 - 2010  
Genel Matematik - II, Undergraduate, 2008 - 2009  
Yöneylemler ve Dizeler, Undergraduate, 2008 - 2009  
Yöneylemler ve Dizeler, Undergraduate, 2009 - 2010  
Genel Matematik - I, Undergraduate, 2008 - 2009  
Genel Matematik - I, Undergraduate, 2008 - 2009  
Analiz III, Undergraduate, 2008 - 2009  
Soyut Matematik II, Undergraduate, 2007 - 2008  
Soyut Matematik, Undergraduate, 2007 - 2008  
Soyut Matematik, Undergraduate, 2007 - 2008  
Genel Matematik I, Undergraduate, 2008 - 2009  
Analiz III, Undergraduate, 2008 - 2009  
Genel Matematik I, Undergraduate, 2008 - 2009  
Yüksek Matematik, Undergraduate, 2007 - 2008

Yüksek Matematik, Undergraduate, 2007 - 2008  
Genel Matematik - II, Undergraduate, 2006 - 2007  
Topoloji II, Undergraduate, 2006 - 2007  
Topoloji I, Undergraduate, 2006 - 2007  
Analitik Geometri II, Undergraduate, 2004 - 2005  
Analiz-II, Undergraduate, 2004 - 2005  
Analitik Geometri I, Undergraduate, 2004 - 2005  
Diferansiyel Denklemler, Undergraduate, 2004 - 2005  
Analitik Geometri II, Undergraduate, 2003 - 2004  
Analitik Geometri - II, Undergraduate, 2003 - 2004  
Analiz-I, Undergraduate, 2004 - 2005  
Matematik - I, Associate Degree, 2003 - 2004  
Matematik, Associate Degree, 2003 - 2004  
Diferansiyel Denklemler, Undergraduate, 2003 - 2004

## Advising Theses

ZORLUTUNA İ., Bulanıklaştırılmış esnek kümeler üzerinde topolojik yapılar, Doctorate, S.ATMACA(Student), 2015  
ZORLUTUNA İ., Soft topolojik uzayların bazı özellikleri, Postgraduate, H.YÜKSEL(Student), 2013  
ZORLUTUNA İ., Fuzzy metrik ve sezgisel fuzzy metrik uzaylar üzerine, Postgraduate, Ö.KORKMAZ(Student), 2012  
ZORLUTUNA İ., Fuzzy, rough ve soft kümeler ile topolojileri üzerine, Postgraduate, S.ATMACA(Student), 2010

## Jury Memberships

Associate Professor Exam, Associate Professor Exam, Karadeniz Teknik Üniversitesi, January, 2021

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

- I. **Soft Set-Valued Mappings and their Application in Decision Making Problems**  
ZORLUTUNA İ.  
FILOMAT, vol.35, no.5, pp.1725-1733, 2021 (SCI-Expanded)
- II. **Continuity on  $r$ -near topological spaces**  
ATMACA S., ZORLUTUNA İ.  
Journal of Intelligent and Fuzzy Systems, vol.41, no.2, pp.3629-3633, 2021 (SCI-Expanded)
- III. **On Topological Structures of Fuzzy Parametrized Soft Sets**  
ATMACA S., ZORLUTUNA İ.  
SCIENTIFIC WORLD JOURNAL, 2014 (SCI-Expanded)
- IV. **On fuzzy soft topological spaces**  
ATMACA S., ZORLUTUNA İ.  
ANNALS OF FUZZY MATHEMATICS AND INFORMATICS, 2013 (SCI-Expanded)
- V.  **$\omega$ -continuous multifunctions**  
Zorlutuna I.  
FILOMAT, vol.27, no.1, pp.165-172, 2013 (SCI-Expanded)
- VI. **ON  $b$ -CLOSED SPACES AND  $\theta$ - $b$ -CONTINUOUS FUNCTIONS**  
Zorlutuna I.  
ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING, vol.34, pp.205-216, 2009 (SCI-Expanded)
- VII. **On strongly precontinuous functions**  
ZORLUTUNA İ., Noiri T., Küçük M.

Bulletin of the Malaysian Mathematical Sciences Society, vol.31, no.2, pp.185-192, 2008 (SCI-Expanded)

VIII. **On strong forms of completely irresolute functions**

Zorlutuna I.

CHAOS SOLITONS & FRACTALS, vol.38, no.4, pp.970-979, 2008 (SCI-Expanded)

IX. **Almost strongly theta b continuous functions**

ZORLUTUNA İ.

Stud. Cercet. Ştiint. Ser. Mat. Univ. Bacau, no.18, pp.193-210, 2008 (SCI-Expanded)

X. **A note on almost strongly theta-precontinuous functions**

Zorlutuna I.

CHAOS SOLITONS & FRACTALS, vol.32, no.4, pp.1604-1609, 2007 (SCI-Expanded)

## Articles Published in Other Journals

I. **Minimal continuous multifunctions**

ZORLUTUNA İ., ATMACA S., DİRİ N. O.

JOURNAL OF LINEAR AND TOPOLOGICAL ALGEBRA, vol.12, no.3, pp.153-161, 2023 (Peer-Reviewed Journal)

II. **Notes on Fuzzy Parametrized Soft Sets**

Zorlutuna İ., Atmaca S.

Cumhuriyet Science Journal, vol.39, no.4, pp.818-827, 2018 (Peer-Reviewed Journal)

III. **Fuzzy parametrized fuzzy soft topology**

ZORLUTUNA İ., ATMACA S.

New Trends in Mathematical Science, vol.4, no.1, pp.142, 2016 (Peer-Reviewed Journal)

IV. **Perfectly w irresolute functions**

ZORLUTUNA İ.

Journal of new Theory, no.10, pp.45-53, 2016 (Peer-Reviewed Journal)

V. **On continuity of soft mappings**

ZORLUTUNA İ., ÇAKIR H.

Applied Mathematics & Information Sciences, vol.9, pp.403-409, 2015 (Scopus)

VI. **Remarks on soft topological spaces**

Zorlutuna İ., Akdağ M., Min W. K., Atmaca S.

ANNALS OF FUZZY MATHEMATICS AND INFORMATICS, vol.3, no.2, pp.171-185, 2012 (Peer-Reviewed Journal)

VII. **Almost strongly theta(g,g')-continuous functions on generalized topological spaces**

Zorlutuna İ., Min W. K.

Journal of Advanced Research in Pure Mathematics, vol.3, no.3, pp.168-174, 2011 (Peer-Reviewed Journal)

VIII. **On perfectly  $\alpha$ -irresolute functions**

ZORLUTUNA İ.

Mathematica, vol.52, no.1, pp.85-96, 2010 (Scopus)

IX. **Slightly generalized continuous functions**

Zorlutuna İ., Küçük M., Küçük Y.

Kochi Journal of Mathematics, vol.3, pp.99-108, 2008 (Peer-Reviewed Journal)

X. **On almost ( $\gamma$ )-continuous multifunctions**

Zorlutuna İ.

Mathematica Balkanica, vol.22, pp.223-233, 2008 (Peer-Reviewed Journal)

XI. **More on semi ( $\alpha$ )-preirresolute functions**

Zorlutuna İ.

Indian Journal of Mathematics, vol.50, pp.271-281, 2008 (Scopus)

XII. **On a function of hyperconnected spaces**

ZORLUTUNA İ.

Demonstratio Mathematica, vol.40, no.4, pp.939-950, 2007 (ESCI)

XIII. **On theta quasi irresolute functions**

- Zorlutuna İ., Küçük M.  
Kochi Journal of Mathematics, vol.2, pp.85-93, 2007 (Peer-Reviewed Journal)
- XIV. **WEAKLY SEMI- $\theta$ -CONTINUOUS FUNCTIONS**  
Zorlutuna İ., Küçük Y.  
International Journal of Pure and Applied Mathematics, vol.29, no.2, pp.249-258, 2006 (Peer-Reviewed Journal)
- XV. **On the upper lower faintly continuous multifunctions**  
Zorlutuna İ., Küçük Y.  
Far East Journal of Mathematical Sciences, vol.9, no.3, pp.241-253, 2003 (Peer-Reviewed Journal)
- XVI. **A unification on compactness and closedness**  
Küçük M., Zorlutuna İ.  
Soochow Journal of Mathematics, vol.3, no.29, pp.221-233, 2003 (Peer-Reviewed Journal)
- XVII. **Super and strongly faintly continuous multifunctions**  
ZORLUTUNA İ., Küçük Y.  
Applied Mathematics E - Notes, vol.1, pp.47-55, 2001 (Scopus)
- XVIII. **Strongly ( $\theta$ )-continuous and almost Strongly ( $\theta$ )-continuous fuzzy multifunctions**  
Küçük M., Zorlutuna İ., Küçük Y.  
Journal of Faculty of Science Ege University, vol.23, pp.177-187, 2000 (Peer-Reviewed Journal)
- XIX. **A unified theory for weak separation properties**  
Küçük M., Zorlutuna İ.  
International Journal of Mathematics and Mathematical Sciences, vol.24, no.11, pp.765-772, 2000 (Scopus)
- XX. **Almost weakly continuous and almost H-continuous fuzzy multifunctions**  
Zorlutuna İ., Küçük Y.  
Hacettepe Bulletin of Natural Sciences and Engineering - Series B, vol.27, pp.1-12, 1998 (Peer-Reviewed Journal)
- XXI. **Some Characterizations of Fuzzy ( $\delta$ )-continuous Multifunctions**  
Zorlutuna İ., Küçük Y.  
Cumhuriyet Üniv. Fen Bil. Dergisi, vol.19, pp.27-37, 1996 (Peer-Reviewed Journal)

## Refereed Congress / Symposium Publications in Proceedings

- I. **DC Şebekelerin Optimizasyonun Hesaplama Sürelerinin Derin Öğrenme Metotları ile Azaltılması**  
Başar K., Altun K., Zorlutuna İ.  
2nd International Cumhuriyet Artificial Intelligence Applications Conference (CAIAC) 2022, Sivas, Turkey, 08 December 2022, pp.1-2
- II. **Küme Değerli Esnek Dönüşümler ve Karar Verme problemleri**  
ZORLUTUNA İ.  
10 th International Conference of Strategic Research on Scientific Studies and education, 17 - 18 June 2019

## Metrics

Publication: 33

Citation (WoS): 40

Citation (Scopus): 92

H-Index (WoS): 4

H-Index (Scopus): 5