

Prof. SELMA ÖZÇAĞ

Personal Information

Office Phone: [+90 312 299 2017](tel:+903122992017)

Office Phone: [+90 312 297 7850](tel:+903122977850)

Email: sozcag@hacettepe.edu.tr

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

Address: Hacettepe Üniversitesi Matematik Bölümü Beytepe Ankara

Education Information

Doctorate, Hacettepe University, Fen Bilimleri Enstitüsü, Matematik, Turkey 1998 - 2004

Postgraduate, Hacettepe University, Fen Bilimleri Enstitüsü, Matematik, Turkey 1995 - 1998

Undergraduate, Hacettepe University, Eğitim Fakültesi, Matematik Eğitimi, Turkey 1989 - 1994

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Düzgün doku uzaylar, Hacettepe Üniversitesi, Fen Fakültesi, Matematik Bölümü, 2004

Postgraduate, Sezgisel topolojik uzaylarda bağlantılılık türleri üzerine, Hacettepe Üniversitesi, Fen Fakültesi, Matematik Bölümü, 1997

Research Areas

Mathematics, General Topology, Natural Sciences

Academic Titles / Tasks

Associate Professor, Hacettepe University, Fen Fakültesi, Matematik Bölümü, 2011 - Continues

Assistant Professor, Hacettepe University, Fen Fakültesi, Matematik Bölümü, 2007 - 2011

Lecturer PhD, Hacettepe University, Fen Fakültesi, Matematik Bölümü, 2004 - 2007

Research Assistant, Hacettepe University, Fen Fakültesi, Matematik Bölümü, 1996 - 2004

Advising Theses

ÖZÇAĞ S., Topolojide seçme prensipleri, Postgraduate, A.EMRE(Student), 2012

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **The semi-T₃-separation axiom of Khalimsky topological spaces**
Han S., ÖZÇAĞ S.
Filomat, vol.37, no.8, pp.2539-2559, 2023 (SCI-Expanded)
- II. **Introducing selective d-separability in bitopological spaces**
ÖZÇAĞ S.
TURKISH JOURNAL OF MATHEMATICS, vol.46, no.6, pp.2109-2120, 2022 (SCI-Expanded)
- III. **More on Selective Covering Properties in Bitopological Spaces**
Kocinac L. D. R., ÖZÇAĞ S.
JOURNAL OF MATHEMATICS, vol.2021, 2021 (SCI-Expanded)
- IV. **The Fixed Point Property of the Infinite M-Sphere**
Han S., ÖZÇAĞ S.
MATHEMATICS, vol.8, no.4, 2020 (SCI-Expanded)
- V. **On the Alster, Menger and D-type covering properties**
Osipov A., ÖZÇAĞ S.
QUAESTIONES MATHEMATICAE, 2019 (SCI-Expanded)
- VI. **Revisiting di-uniformity and full-dinormality via dicovers**
ÖZÇAĞ S., YILDIZ F.
QUAESTIONES MATHEMATICAE, 2019 (SCI-Expanded)
- VII. **Investigations on Weak Versions of the Alster Property in Bitopological Spaces and Selection Principles**
Eysen A. E., ÖZÇAĞ S.
FILOMAT, vol.33, no.14, pp.4561-4571, 2019 (SCI-Expanded)
- VIII. **Weaker forms of the Menger property in bitopological spaces**
Eysen A. E., ÖZÇAĞ S.
QUAESTIONES MATHEMATICAE, vol.41, no.7, pp.877-888, 2018 (SCI-Expanded)
- IX. **Hurewicz-type properties in texture structures**
Kocinac L. D. R., ÖZÇAĞ S.
TOPOLOGY AND ITS APPLICATIONS, vol.221, pp.286-299, 2017 (SCI-Expanded)
- X. **Variations of selective separability and tightness in function spaces with set-open topologies**
ÖZÇAĞ S., Osipov A.
TOPOLOGY AND ITS APPLICATIONS, vol.217, pp.38-50, 2017 (SCI-Expanded)
- XI. **Variations of selective separability and tightness in function spaces with set-open topologies**
Osipov A. V., ÖZÇAĞ S.
TOPOLOGY AND ITS APPLICATIONS, vol.217, pp.38-50, 2017 (SCI-Expanded)
- XII. **Almost Menger Property in Bitopological Spaces**
ÖZÇAĞ S., Eysen A. E.
UKRAINIAN MATHEMATICAL JOURNAL, vol.68, no.6, pp.950-958, 2016 (SCI-Expanded)
- XIII. **Selective bitopological versions of separability**
ÖZÇAĞ S.
TOPOLOGY AND ITS APPLICATIONS, vol.201, pp.403-413, 2016 (SCI-Expanded)
- XIV. **Selection properties of texture structures**
KOCINAC L. D. R., ÖZÇAĞ S.
TOPOLOGY AND ITS APPLICATIONS, vol.192, pp.158-168, 2015 (SCI-Expanded)
- XV. **The ditopology generated by pre-open and pre-closed sets, and submaximality in textures**
YILDIZ F., ÖZÇAĞ S.
FILOMAT, vol.27, no.1, pp.95-107, 2013 (SCI-Expanded)
- XVI. **Bornologies and bitopological function spaces**
Ozcag S.
FILOMAT, vol.27, no.7, pp.1345-1349, 2013 (SCI-Expanded)
- XVII. **Di-uniformities and Hutton uniformities**
ÖZÇAĞ S., BROWN L. M., KRSTESKA B.

- FUZZY SETS AND SYSTEMS, vol.195, pp.58-74, 2012 (SCI-Expanded)
- XVIII. **The prime dicompletion of a di-uniformity on a plain texture**
ÖZÇAĞ S., BROWN L. M.
TOPOLOGY AND ITS APPLICATIONS, vol.158, no.13, pp.1584-1594, 2011 (SCI-Expanded)
- XIX. **Versions of separability in bitopological spaces**
Kocinac L. D. R., ÖZÇAĞ S.
TOPOLOGY AND ITS APPLICATIONS, vol.158, no.12, pp.1471-1477, 2011 (SCI-Expanded)
- XX. **THE CONCEPT OF QUASI-UNIFORMITY IN TEXTURE SPACE AND ITS REPRESENTATION**
Ozcag S.
QUAESTIONES MATHEMATICAE, vol.33, no.4, pp.457-476, 2010 (SCI-Expanded)
- XXI. **Lebesgue and co-Lebesgue di-uniform texture spaces**
Oezcag S.
TOPOLOGY AND ITS APPLICATIONS, vol.156, no.18, pp.3021-3028, 2009 (SCI-Expanded)

Articles Published in Other Journals

- I. **Statistical convergence of sequences of functions with values in semi-uniform spaces**
Georgiou D. N., Megaritis A. C., ÖZÇAĞ S.
COMMENTATIONES MATHEMATICAE UNIVERSITATIS CAROLINAE, vol.59, no.1, pp.103-117, 2018 (ESCI)
- II. **Lebesgue quasi-uniformity on textures**
ÖZÇAĞ S.
APPLIED GENERAL TOPOLOGY, vol.16, no.2, pp.167-181, 2015 (ESCI)
- III. **Bitopological spaces and selection principles**
ÖZÇAĞ S., Kocinac L.
Proceedings of the international conference on topology and its app., no.1, pp.243-257, 2012 (Peer-Reviewed Journal)
- IV. **Generalization some fuzzy separation axioms to ditopological Texture Spaces**
ERTÜRK R., ÖZÇAĞ S., DOST Ş.
The Journal of Nonlinear Sciences and Applications, vol.2, pp.234-242, 2009 (Peer-Reviewed Journal)
- V. **Convergence of regular di-filters and the completeness of di-uniformities**
ÖZÇAĞ S., YILDIZ F., BROWN L. M.
HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, no.34, pp.53-68, 2005 (Peer-Reviewed Journal)
- VI. **Di-uniform texture spaces**
ÖZÇAĞ S., BROWN L. M.
APPLIED GENERAL TOPOLOGY, no.4, pp.157-192, 2003 (ESCI)
- VII. **A note on connectedness in intuitionistic fuzzy special topological spaces**
ÖZÇAĞ S., Çoker D.
International journal of math. and Math. sciences, no.23, pp.45-54, 2000 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Selective Versions of acc and (a) Spaces and the Alexandroff Duplicate**
Kočinac L. D., ÖZÇAĞ S.
5th International Conference of Mathematical Sciences, ICMS 2021, İstanbul, Turkey, 23 - 27 June 2021, vol.2483
- II. **Uniformities in a fuzzy and textural context**
ÖZÇAĞ S., DOST Ş.
Mathematical Conference: 85 Years of Professor Blagoj Popov Life, Ss. Cyril and Methodius University, Macedonia (Ohrid), 1 - 04 September 2008
- III. **On generalized separation axioms in texture spaces**

BROWN L., ERTÜRK R., ÖZÇAĞ S., DOST Ş.

Mathematical Conference: 85 Years of Professor Blagoj Popov Life, Ss. Cyril and Methodius University, Macedonia (Ohrid), 1 - 04 September 2008

IV. **A categorical view of di uniform texture spaces**

ÖZÇAĞ S., DOST Ş.

International Conference on Topology and its Applications, Aegion, Greece, 19 - 22 June 2006

Supported Projects

ÖZÇAĞ S., Project Supported by Higher Education Institutions, İkili Topolojik uzaylarda ve doku uzaylarında seçme özellikleri üzerine yeni sonuçlar, 2017 - 2017

ÖZÇAĞ S., Project Supported by Higher Education Institutions, İkili topolojik uzaylarda sayılabilir zincir koşulunun seçme versiyonları, 2017 - 2017

ÖZÇAĞ S., Project Supported by Higher Education Institutions, Doku uzaylarda Hurewicz örtü özellikleri, 2016 - 2016

ÖZÇAĞ S., Project Supported by Higher Education Institutions, Bornolojiler ve iki topolojili fonksiyon uzayları, 2015 - 2016

ÖZÇAĞ S., Project Supported by Higher Education Institutions, İkili topolojik uzaylarda ?-ayrılabilirlik çeşitleri, 2014 - 2015

Metrics

Publication: 32

Citation (WoS): 55

Citation (Scopus): 35

H-Index (WoS): 5

H-Index (Scopus): 4

Non Academic Experience

hacettepe Üniversitesi

hacettepe Üniversitesi

hacettepe Üniversitesi

hacettepe Üniversitesi