

# Prof. SELMA ÖZÇAĞ

## Personal Information

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## 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. **Introducing selective d-separability in bitopological spaces**  
ÖZÇAĞ S.  
TURKISH JOURNAL OF MATHEMATICS, vol.46, no.6, pp.2109-2120, 2022 (SCI-Expanded)
- II. **More on Selective Covering Properties in Bitopological Spaces**  
Kocinac L. D. R. , ÖZÇAĞ S.  
JOURNAL OF MATHEMATICS, vol.2021, 2021 (SCI-Expanded)
- III. **The Fixed Point Property of the Infinite M-Sphere**  
Han S., ÖZÇAĞ S.  
MATHEMATICS, vol.8, no.4, 2020 (SCI-Expanded)
- IV. **On the Alster, Menger and D-type covering properties**  
Osipov A., ÖZÇAĞ S.  
QUAESTIONES MATHEMATICAE, 2019 (SCI-Expanded)
- V. **Revisiting di-uniformity and full-dinormality via dicovers**  
ÖZÇAĞ S., YILDIZ F.  
QUAESTIONES MATHEMATICAE, 2019 (SCI-Expanded)
- VI. **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)
- VII. **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)
- VIII. **Hurewicz-type properties in texture structures**  
Kocinac L. D. R. , ÖZÇAĞ S.  
TOPOLOGY AND ITS APPLICATIONS, vol.221, pp.286-299, 2017 (SCI-Expanded)
- IX. **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)
- X. **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)
- XI. **Almost Menger Property in Bitopological Spaces**  
ÖZÇAĞ S., Eysen A. E.  
UKRAINIAN MATHEMATICAL JOURNAL, vol.68, no.6, pp.950-958, 2016 (SCI-Expanded)
- XII. **Selective bitopological versions of separability**  
ÖZÇAĞ S.  
TOPOLOGY AND ITS APPLICATIONS, vol.201, pp.403-413, 2016 (SCI-Expanded)
- XIII. **Selection properties of texture structures**  
KOCINAC L. D. R. , ÖZÇAĞ S.  
TOPOLOGY AND ITS APPLICATIONS, vol.192, pp.158-168, 2015 (SCI-Expanded)
- XIV. **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)
- XV. **Bornologies and bitopological function spaces**  
Ozcag S.  
FILOMAT, vol.27, no.7, pp.1345-1349, 2013 (SCI-Expanded)
- XVI. **Di-uniformities and Hutton uniformities**  
ÖZÇAĞ S., BROWN L. M. , KRSTESKA B.  
FUZZY SETS AND SYSTEMS, vol.195, pp.58-74, 2012 (SCI-Expanded)
- XVII. **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)
- XVIII. **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)
- XIX. **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)
- XX. **Lebesgue and co-Lebesgue di-uniform texture spaces**  
Ozcag 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. **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
- II. **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
- III. **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  $\pi$ -ayrılabilirlik çeşitleri, 2014 - 2015

## Metrics

Publication: 30

Citation (WoS): 48

Citation (Scopus): 34

H-Index (WoS): 4

H-Index (Scopus): 4