

## Asst. Prof. FERHAN ŞOLA ERDURAN

### Personal Information

**Email:** ferhansola@gazi.edu.tr

**Web:** <https://avesis.gazi.edu.tr/ferhansola>

### International Researcher IDs

ORCID: 0000-0002-9433-1016

Publons / Web Of Science ResearcherID: AHD-4829-2022

ScopusID: 36656505500

Yoksis Researcher ID: 201444

### Education Information

Doctorate, Gazi University, Fen Fakültesi, Matematik Bölümü, Turkey 2011 - 2016

Postgraduate, Kirikkale University, Faculty Of Arts And Sciences, Department Of Mathematics, Turkey 2009 - 2011

Undergraduate, Kirikkale University, Faculty Of Arts And Sciences, Department Of Mathematics, Turkey 2005 - 2009

### Foreign Languages

English, B1 Intermediate

### Dissertations

Doctorate, Fuzzy Metrik, Sezgisel Fuzzy Metrik Uzaylarda Sabit Nokta Teoremleri, Gazi University, Fen Fakültesi, Matematik Bölümü, 2016

Postgraduate, Kısmi metrik uzaylarda bazı büzülme teoremleri, Kirikkale University, Fen-Edebiyat Fakültesi, Matematik Bölümü, 2011

### Research Areas

Natural Sciences

### Academic Titles / Tasks

Assistant Professor, Gazi University, Fen Fakültesi, Matematik, 2020 - Continues

Research Assistant PhD, Gazi University, Fen Fakültesi, Matematik, 2016 - 2020

Research Assistant, Gazi University, Fen Fakültesi, Matematik, 2010 - 2016

### Courses

Advanced Topology, Doctorate, 2024 - 2025

Matematik II, Undergraduate, 2021 - 2022

Matematik II, Undergraduate, 2021 - 2022

Temel Matematik, Undergraduate, 2021 - 2022

Matematik I, Undergraduate, 2021 - 2022

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

- I. **Common fixed point theorem for subcompatible maps of type ( $\alpha$ ) in weak non-Archimedean intuitionistic fuzzy metric space**  
ŞOLA ERDURAN F., Yildiz C.  
JOURNAL OF NONLINEAR SCIENCES AND APPLICATIONS, vol.9, no.5, pp.2740-2752, 2016 (SCI-Expanded)
- II. **Generalized contractions on partial metric spaces**  
Altun I., Sola F., Simsek H.  
TOPOLOGY AND ITS APPLICATIONS, vol.157, no.18, pp.2778-2785, 2010 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Fixed Fuzzy Point Theorems**  
Şola Erduran F.  
Gümüşhane Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.10, no.3, pp.641-650, 2020 (Peer-Reviewed Journal)
- II. **On soft fuzzy metric spaces and topological structure**  
ALAR R., YİĞİT DAKMAZ E., ŞOLA ERDURAN F., GEZİCİ A.  
Journal of Advanced Studies in Topology, vol.9, pp.61-70, 2018 (Peer-Reviewed Journal)
- III. **Some fixed fuzzy point results using Hausdorff metric in fuzzy metric spaces**  
ŞOLA ERDURAN F., YILDIZ C.  
Annals of Fuzzy Mathematics and Informatics, vol.13, no.5, pp.641-650, 2017 (Peer-Reviewed Journal)
- IV. **Soft fuzzy metric spaces**  
Şola Erduran F., Yiğit Dakmaz E., Alar R., Gezici A.  
General Letters in Mathematics, vol.3, pp.91-101, 2017 (Peer-Reviewed Journal)
- V. **A common fixed point theorem in weak non-Archimedean intuitionistic fuzzy metric spaces**  
ŞOLA ERDURAN F., YILDIZ C., KÜTÜKCÜ S.  
International Journal of Open Problems in Computer Science and Mathematics, vol.7, no.3, pp.1-15, 2014 (Peer-Reviewed Journal)

## Refereed Congress / Symposium Publications in Proceedings

- I. **CR-Fuzzy Soft Sets and Applications**  
Şola Erduran F., Münüsoğlu Y.  
Third Western Balkan Conference on Mathematics and Applications; September 7-9, 2023, Prishtine, Kosovo, Prishtine, Kosovo, 07 September 2023, pp.48-56
- II. **COUPLE FIXED POINT RESULTS OF GERAGHTY TYPE IN ORDERED METRIC SPACE**  
ŞOLA ERDURAN F., TOP B.  
INTERNATIONAL ASIAN CONGRESS ON CONTEMPORARY SCIENCES – VII, Olongapo, Philippines, 09 December 2022, pp.580-588
- III. **SR-FUZZY SOFT SETS**  
ŞOLA ERDURAN F., AYDOĞAN H.  
VI-INTERNATIONAL EUROPEAN CONFERENCE ON INTERDISCIPLINARY SCIENTIFIC RESEARCH, Bükreş, Romania, 26 - 27 August 2022
- IV. **Some Fixed Point Results in Soft Fuzzy Metric Spaces**

ŞOLA ERDURAN F., İNCE M.

1st INTERNATIONAL SYMPOSIUM ON CURRENT DEVELOPMENTS IN FUNDAMENTAL AND APPLIED MATHEMATICS SCIENCES, Erzurum, Turkey, 23 - 25 May 2022, pp.124-125

**V. Some Properties of Soft Fuzzy Metric Spaces**

YİĞİT E., ŞOLA ERDURAN F., EFE H.

International Conference on Mathematics and Mathematics Education (ICMME-2017), Şanlıurfa, Turkey, 11 - 13 May 2017, pp.812-813

**VI. A Fixed Fuzzy Point Theorem in Hausdorff Non-Archimedean Fuzzy Metric Spaces**

ŞOLA ERDURAN F., YILDIZ C.

International Conference on Mathematics and Mathematics Education(ICMME-2017), Şanlıurfa, Turkey, 11 - 13 May 2017, pp.648-649

**VII. Completeness of Soft Fuzzy Metric Spaces**

ŞOLA ERDURAN F., YİĞİT E., ALAR R.

International Conference on Mathematics and Mathematics Education, Şanlıurfa, Turkey, 11 - 13 May 2017, pp.682-683

**VIII. Fixed Intuitionistic Fuzzy Point Theorem in Hausdorff intuitionistic Fuzzy Metric Spaces**

ŞOLA ERDURAN F.

3rd International Intuitionistic Fuzzy Sets and Contemporary Mathematics Conference, Mersin, Turkey, 29 August - 01 September 2016

## **Metrics**

Publication: 18

Citation (WoS): 260

Citation (Scopus): 276

H-Index (WoS): 1

H-Index (Scopus): 2

## **Non Academic Experience**

Gazi Üniversitesi