

Asst. Prof. FERHAN ŞOLA ERDURAN

Personal Information

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International Researcher IDs

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

ScopusID: 36656505500

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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 Bölümü, 2010 - 2016

Courses

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 (α) 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, Prishtina, Montenegro, 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 IntuitionisticFuzzy Sets and Contemporary Mathematics Conference, Mersin, Turkey, 29 August -
01 September 2016

Metrics

Publication: 15

Citation (WoS): 237

Citation (Scopus): 247

H-Index (WoS): 1

H-Index (Scopus): 2

Non Academic Experience

Gazi Üniversitesi