

## Assoc. Prof. MÜZEYYEN SANGURLU SEZEN

### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: AHE-2067-2022

ScopusID: 5719555555

Yoksis Researcher ID: 56351

### Education Information

Doctorate, Gazi University, Fen Bilimleri Enstitüsü, Matematik (Dr), Turkey 2011 - 2016

Postgraduate, Ankara University, Fen Bilimleri Enstitüsü, Matematik (YI) (Tezli), Turkey 2009 - 2011

Postgraduate, Gazi University, Eğitim Bilimleri Enstitüsü, Eğitim Bilimleri Enstitüsü, Turkey 2008 - 2009

Undergraduate, Ankara University, Fen Fakültesi, Matematik Bölümü, Turkey 2005 - 2008

Undergraduate, Afyon Kocatepe University, Fen-Edebiyat Fakültesi, Matematik Bölümü, Turkey 2004 - 2005

### Dissertations

Doctorate, Sabit nokta teoremleri üzerine, Gazi University, Fen Bilimleri Enstitüsü, Matematik (Dr), 2016

Postgraduate, Fuzzy metrik uzaylarda ortak sabit nokta teoremleri üzerine, Ankara University, Fen Bilimleri Enstitüsü, Matematik (YI) (Tezli), 2011

### Research Areas

Natural Sciences

### Academic Titles / Tasks

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

Research Assistant PhD, Giresun University, Faculty Of Arts And Sciences, Department Of Mathematics, 2016 - 2020

Research Assistant, Gazi University, Fen Fakültesi, Matematik Bölümü, 2012 - 2016

### Courses

Yüksek Matematik II, Undergraduate, 2017 - 2018

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

- I. **A New Contraction with an Application for Integral Equations**  
SANGURLU SEZEN M.  
Fractal and Fractional, vol.7, no.1, 2023 (SCI-Expanded)
- II. **Some special functions in orthogonal fuzzy bipolar metric spaces and their fixed point applications**  
SANGURLU SEZEN M.  
NUMERICAL METHODS FOR PARTIAL DIFFERENTIAL EQUATIONS, vol.38, no.4, pp.794-802, 2022 (SCI-Expanded)
- III. **Controlled fuzzy metric spaces and some related fixed point results**  
SANGURLU SEZEN M.  
NUMERICAL METHODS FOR PARTIAL DIFFERENTIAL EQUATIONS, vol.37, no.1, pp.583-593, 2021 (SCI-Expanded)
- IV. **A fuzzy fixed point problem for constraint inequalities**  
IŞIK H., SANGURLU SEZEN M.  
JOURNAL OF INTELLIGENT & FUZZY SYSTEMS, vol.39, no.3, pp.3025-3032, 2020 (SCI-Expanded)
- V. **Fixed Point Theorems for New Type Contractive Mappings**  
Sezen M.  
JOURNAL OF FUNCTION SPACES, vol.2019, 2019 (SCI-Expanded)
- VI.  **$\phi$ -Best proximity point theorems and applications to variational inequality problems**  
Isik H., Sezen M., Vetro C.  
JOURNAL OF FIXED POINT THEORY AND APPLICATIONS, vol.19, no.4, pp.3177-3189, 2017 (SCI-Expanded)
- VII. **Fixed point theorems for ( $\psi$  circle  $\phi$ )-contractions in a fuzzy metric spaces**  
SANGURLU SEZEN M., Turkoglu D.  
JOURNAL OF NONLINEAR SCIENCES AND APPLICATIONS, vol.8, no.5, pp.687-694, 2015 (SCI-Expanded)
- VIII. **Fixed point theorems for fuzzy  $\psi$ -contractive mappings in fuzzy metric spaces**  
Turkoglu D., SANGURLU SEZEN M.  
JOURNAL OF INTELLIGENT & FUZZY SYSTEMS, vol.26, no.1, pp.137-142, 2014 (SCI-Expanded)
- IX. **Coupled fixed point theorems for mixed  $g$ -monotone mappings in partially ordered metric spaces**  
Turkoglu D., SANGURLU SEZEN M.  
FIXED POINT THEORY AND APPLICATIONS, 2013 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Some fixed point results via  $\gamma$ -contraction in non-Archimedean fuzzy metric spaces**  
SANGURLU SEZEN M.  
Gazi Journal Of Science, vol.35, pp.659-666, 2022 (Scopus)
- II. **Fixed Point Theorems for Fuzzy  $(\gamma, \beta)$  -Contractions in non-Archimedean Fuzzy Metric Spaces**  
SANGURLU SEZEN M.  
Sahand Communications in Mathematical Analysis, vol.18, no.4, pp.31-44, 2021 (ESCI)
- III. **Some New Fuzzy Best Proximity Point Theorems in Non-Archimedean Fuzzy Metric Spaces**  
Sangurlu Sezen M., Işık H.  
JOURNAL OF COMPUTATIONAL ANALYSIS AND APPLICATIONS, vol.29, no.4, pp.712-726, 2021 (Scopus)
- IV. **Genelleştirilmiş Çoğul Değerli  $\gamma$ -Büzülmeler için Sabit Nokta Teoremleri**  
SANGURLU SEZEN M.  
Gazi Üniversitesi Fen Fakültesi Dergisi, no.1, pp.101-108, 2020 (Peer-Reviewed Journal)
- V. **Fixed point results for weak  $S$ -contractions via  $C$ -class functions**  
Paunovic L., SANGURLU SEZEN M., Ansari A. H.  
University thought - Publication in Natural Sciences, vol.9, no.2, pp.51-55, 2019 (Peer-Reviewed Journal)
- VI.  **$(F, \varphi, \alpha)_s$ -Contractions in  $b$ -Metric Spaces and Applications**  
SANGURLU SEZEN M.  
Journal of Linear and Topological Algebra, vol.8, no.3, pp.173-182, 2019 (Peer-Reviewed Journal)
- VII. **Cyclic  $(\alpha, \beta)$ -Admissible Mappings in Modular Spaces and Applications to Integral Equations**

SANGURLU SEZEN M.

Universal Journal of Mathematics and Applications, vol.2, pp.85-93, 2019 (Peer-Reviewed Journal)

VIII. **Fuzzy  $(h, \beta)$ -contractions in non-Archimedean fuzzy metric spaces**

SANGURLU SEZEN M., RADENOVIC S.

Novi Sad Journal of Mathematics, vol.50, no.1, 2019 (Scopus)

IX. **Fixed point results for cyclic  $(\alpha, \beta)$ -admissible type F-contractions in modular space**

SANGURLU SEZEN M., TÜRKOĞLU A. D.

International Journal of Mathematical Modelling Computations, vol.9, no.2, pp.101-111, 2019 (Peer-Reviewed Journal)

X. **Some  $\varphi$ -fixed point results in b-metric spaces with applications**

SANGURLU SEZEN M.

Cumhuriyet Science Journal, vol.40, pp.447-457, 2019 (Peer-Reviewed Journal)

XI. **Fixed points of random F-contractions in complete metric spaces**

SANGURLU SEZEN M.

Journal of Science and Arts, vol.46, no.1, pp.5-14, 2019 (ESCI)

XII. **Fixed Point Theorems of Hybrid Pairs of Self-mappings in Metric Space via New Functions**

SANGURLU SEZEN M., Arslan Hojat A.

International Journal of Maps in Mathematics, vol.1, no.2, pp.237-248, 2018 (Peer-Reviewed Journal)

XIII. **Some fixed point theorems of  $(F, \varphi)$ -fuzzy contractions in fuzzy metric spaces**

Sangurlu Sezen M., Türkoğlu A. D.

Journal of inequalities and special functions, vol.8, no.4, pp.10-20, 2017 (ESCI)

XIV. **A New method for some fixed point theorems in fuzzy metric spaces**

SANGURLU M., IŞIK H., TÜRKOĞLU A. D.

Bangmood INT. J. Math. Comp. Sci, vol.3, pp.10-15, 2017 (Peer-Reviewed Journal)

XV. **SOME FIXED POINT RESULTS IN COMPLETE GENERALIZED METRIC SPACES**

Sangurlu S. M., Turkoglu D.

CARPATHIAN MATHEMATICAL PUBLICATIONS, vol.9, no.2, pp.171-180, 2017 (ESCI)

XVI. **Coupled Fixed Point Theorems For Mixed G-Monotone Mappings In Partially Ordered Metric Spaces Via New Functions**

Ansari A. H., SANGURLU SEZEN M., Turkoglu D.

GAZI UNIVERSITY JOURNAL OF SCIENCE, vol.29, no.1, pp.149-158, 2016 (ESCI)

## Refereed Congress / Symposium Publications in Proceedings

I. **Some fixed point results in orthogonal fuzzy metric spaces**

SANGURLU SEZEN M.

5. International Conference of Mathematical Sciences, İstanbul, Turkey, 23 June 2021

II. **Fixed point results for cyclic  $(\alpha, \beta)$ -admissible type F-contractions in modular spaces**

SANGURLU SEZEN M.

Munzur 1. Uluslararası Uygulamalı Bilimler Kongresi, Tunceli, Turkey, 24 - 26 May 2019

III. **Some fixed point results for fuzzy  $(h, \beta)$ -contractive mappings in non-Archimedean fuzzy metric spaces**

SANGURLU SEZEN M.

International Conference on Mathematics and Mathematics Education, Ordu, Turkey, 27 - 29 June 2018

IV. **Some fixed point results in modular spaces**

SANGURLU SEZEN M., TÜRKOĞLU A. D.

International Conference on Mathematics and Mathematics Education, Ordu, Turkey, 27 - 29 June 2018

V. **b-metrik uzaylarda  $(F, \varphi, \alpha)_s$ -büzülmeler için sabit nokta teoremleri**

SANGURLU SEZEN M.

13. Ankara Matematik Günleri, Ankara, Turkey, 27 - 28 April 2018

- VI. **Some coupled fixed point theorems in partially ordered 2-metric spaces**  
SANGURLU SEZEN M., TÜRKOĞLU A. D.  
3. International Eurasian Conference on Mathematical Sciences and Applications, Viyana, Austria, 25 - 28 August 2014
- VII. **Fixed point theorems for fuzzy ( $\psi$ )- contractive mappings in fuzzy metric spaces**  
SANGURLU SEZEN M., TÜRKOĞLU A. D.  
International Conference on Anatolian Communications in Nonlinear Analysis, Bolu, Turkey, 03 July 2013
- VIII. **Kısmi sıralı metrik uzaylarda bazı çift sabit nokta teoremleri**  
SANGURLU SEZEN M., TÜRKOĞLU A. D.  
8. Ankara Matematik Günleri, Ankara, Turkey, 13 - 14 June 2013
- IX. **Coupled fixed point theorems for mixed g-monotone mappings in partially ordered metric spaces**  
SANGURLU SEZEN M., TÜRKOĞLU A. D.  
International Workshop on Fixed Point Theory and Applications, İstanbul, Turkey, 11 - 13 October 2012
- X. **Coupled fixed point theorems for commutative mappings in partially ordered metric spaces**  
SANGURLU SEZEN M., TÜRKOĞLU A. D.  
International Congress in Honour of Professor H. M. Srivastava, Bursa, Turkey, 23 - 26 August 2012

## **Metrics**

Publication: 35

Citation (WoS): 73

Citation (Scopus): 78

H-Index (WoS): 5

H-Index (Scopus): 4