

Prof. Servet Kütükcü

Personal Information

Email: skutukcu@omu.edu.tr

Web: <https://avesis.omu.edu.tr/skutukcu>

International Researcher IDs

ORCID: 0000-0002-2513-1600

Yoksis Researcher ID: 160449

Education Information

Doctorate, Gazi University, Fen Bilimleri Enstitüsü, Matematik (Dr), Turkey 2001 - 2006

Postgraduate, Gazi University, Fen Bilimleri Enstitüsü, Matematik (YI) (Tezli), Turkey 1999 - 2001

Undergraduate, Ondokuz Mayıs University, Eğitim Fakültesi, Matematik ve Fen Bilimleri Eğitimi Bölümü, Turkey 1994 - 1998

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Fuzzy metrik uzaylar ve sabit noktalar, Gazi University, Fen Bilimleri Enstitüsü, Matematik (Dr), 2006

Postgraduate, Fuzzy topolojik uzaylarda yakınsaklık, Gazi University, Fen Bilimleri Enstitüsü, Matematik (YI) (Tezli), 2001

Academic Titles / Tasks

Professor, Ondokuz Mayıs University, Fen-Edebiyat Fakültesi, Matematik Bölümü, 2021 - 2021

Associate Professor, Ondokuz Mayıs University, Fen-Edebiyat Fakültesi, Matematik Bölümü, 2012 - 2021

Assistant Professor, Ondokuz Mayıs University, Fen-Edebiyat Fakültesi, Matematik Bölümü, 2009 - 2012

Research Assistant, Ondokuz Mayıs University, Fen-Edebiyat Fakültesi, Matematik Bölümü, 2006 - 2009

Research Assistant, Gazi University, Fen Fakültesi, Matematik Bölümü, 1999 - 2006

Research Assistant, Ondokuz Mayıs University, Fen-Edebiyat Fakültesi, Matematik Bölümü, 1998 - 1999

Academic and Administrative Experience

Ondokuz Mayıs University, 2013 - Continues

Ondokuz Mayıs University, 2019 - 2022

Published journal articles indexed by SCI, SSCI, and AHCI

- I. R-weak commutativity, examples, and applications

Kütükcü S.

NUMERICAL METHODS FOR PARTIAL DIFFERENTIAL EQUATIONS, vol.37, no.1, pp.925-941, 2021 (SCI-Expanded)

II. Variants of R-weakly commuting mappings and common fixed point theorems in intuitionistic fuzzy metric spaces

Chauhan S., Kütükcü S., Dhiman N., Kumar S.

KUWAIT JOURNAL OF SCIENCE, vol.41, no.2, pp.49-64, 2014 (SCI-Expanded)

III. SOME RESULTS ON THE STABILITY OF QUASI-LINEAR DYNAMIC SYSTEMS ON TIME SCALES

Tuna A., Kütükcü S.

JOURNAL OF COMPUTATIONAL ANALYSIS AND APPLICATIONS, vol.11, no.3, pp.560-570, 2009 (SCI-Expanded)

IV. Common fixed points and compatible maps of type (P-1) and type (P-2) in Menger spaces

Kütükcü S., Sharma S., Yildiz C.

JOURNAL OF COMPUTATIONAL ANALYSIS AND APPLICATIONS, vol.10, no.3, pp.391-402, 2008 (SCI-Expanded)

V. Generalized contraction mapping principle in intuitionistic Menger spaces and application to differential equations

Kutukcu S., Tuna A., Yakut A. T.

APPLIED MATHEMATICS AND MECHANICS-ENGLISH EDITION, vol.28, no.6, pp.799-809, 2007 (SCI-Expanded)

VI. Fixed points of contractive mappings in intuitionistic fuzzy metric spaces

Kutukcu S., Yildiz C., Turkoglu D.

JOURNAL OF COMPUTATIONAL ANALYSIS AND APPLICATIONS, vol.9, no.2, pp.181-193, 2007 (SCI-Expanded)

VII. Topics in intuitionistic fuzzy metric spaces

Kutukcu S.

JOURNAL OF COMPUTATIONAL ANALYSIS AND APPLICATIONS, vol.9, no.2, pp.173-180, 2007 (SCI-Expanded)

Articles Published in Other Journals

I. A common fixed point theorem for new type compatible maps on modular metric spaces

Kaplan E., Kütükcü S.

ASIAN-EUROPEAN JOURNAL OF MATHEMATICS, vol.16, no.01, 2023 (ESCI)

II. Soft $\$A\$$ -Metric Spaces

POŞUL H., GÜNDÜZ Ç., Kutukcu S.

Journal of New Theory, no.41, pp.70-81, 2022 (Peer-Reviewed Journal)

III. On Various Types w-Compatible Mappings in Modular A-Metric Spaces

KAPLAN E., Kutukcu S.

Afyon Kocatepe Üniversitesi Fen ve Mühendislik Bilimleri Dergisi, vol.22, no.4, pp.744-753, 2022 (Peer-Reviewed Journal)

IV. Common fixed point theorems under the (CLR_g) property with applications

KAPLAN E., Kütükcü S.

INTERNATIONAL JOURNAL OF NONLINEAR ANALYSIS AND APPLICATIONS, vol.13, no.2, pp.2133-2140, 2022 (ESCI)

V. COMMON FIXED POINTS OF w-COMPATIBLE MAPS IN MODULAR A-METRIC SPACES

KAPLAN E., Kütükcü S.

JOURNAL OF THE KOREAN SOCIETY OF MATHEMATICAL EDUCATION SERIES B-PURE AND APPLIED MATHEMATICS, vol.28, no.2, pp.103-110, 2021 (ESCI)

VI. Fixed Point and (DS)-weak Commutativity Condition on Modified Intuitionistic Fuzzy Metric Spaces
KÜTÜKCÜ S.

Journal of Fuzzy Mathematics, vol.28, no.1, pp.51-66, 2020 (Peer-Reviewed Journal)

VII. FUZZY CONE B-METRIC SPACES

POŞUL H., KAPLAN E., Kütükcü S.

SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES-SIGMA MUHENDISLIK VE FEN BILIMLERI DERGISI, vol.37, no.4, pp.1297-1310, 2019 (ESCI)

- VIII. **(T,S) Intuitionistic Fuzzy H-ideals in BCK-algebras**
 SOYDAŞ S., KÜTÜKCÜ S.
 Bulletin of Mathematics and Statistics Research, vol.7, no.4, pp.1-6, 2019 (Peer-Reviewed Journal)
- IX. **L-Fuzzy Invariant Metric Space**
 KÜTÜKCÜ S.
 Comminaciations in Advanced Mathematical Sciences, vol.1, no.2, pp.137-141, 2018 (Peer-Reviewed Journal)
- X. **On Intuitionistic Menger Spaces**
 KÜTÜKCÜ S.
 Bulletin of Mathematical and Statistical Research, vol.6, no.2, pp.28-32, 2018 (Scopus)
- XI. **Anti Implicative IF-Ideal in BCK/BCI-Algebras**
 KÜTÜKCÜ S., TUNA A.
 JOURNAL OF COMPUTATIONAL ANALYSIS AND APPLICATIONS, vol.25, no.2, pp.270-282, 2018 (Scopus)
- XII. **On (IT)-commutativity condition in fized point consideration of set-valued and single-valued mappings**
 KÜTÜKCÜ S., sharma s., Deshpande b.
 JOURNAL OF COMPUTATIONAL ANALYSIS AND APPLICATIONS, vol.25, no.2, pp.283-291, 2018 (Scopus)
- XIII. **Anti implicative IF-ideals in bCK/BCI-algebras**
 Kütükcü S., Tuna A.
 Journal of Computational Analysis and Applications, vol.25, no.2, pp.270-282, 2018 (Scopus)
- XIV. **Some generalizations in intuitionistic fuzzy metric spaces**
 Kütükcü S., Chauhan S.
 Journal of Computational Analysis and Applications, vol.25, no.2, pp.292-301, 2018 (Scopus)
- XV. **On (IT)-commutativity condition in fixed point consideration of set-valued and single-valued mappings**
 Kütükcü S., Sharma S., Deshpande B.
 Journal of Computational Analysis and Applications, vol.25, no.2, pp.283-291, 2018 (Scopus)
- XVI. **Common Fixed Points in Fuzzy metric Spaces**
 KÜTÜKCÜ S., Ergün A.
 Bulletin of Mathematics and Statistics Research, vol.5, no.4, pp.46-55, 2017 (Peer-Reviewed Journal)
- XVII. **On Parametric Metric Spaces**
 POŞUL H., KÜTÜKCÜ S.
 Bulletin of Mathematics and Statistics Research, vol.5, no.4, pp.17-20, 2017 (Scopus)
- XVIII. **Modular A-Metric Spaces**
 AYDIN E., KÜTÜKCÜ S.
 JOURNAL OF SCIENCE AND ARTS, vol.3, no.40, pp.423-432, 2017 (ESCI)
- XIX. **MODULAR A-METRIC SPACES**
 Aydin E., Kütükcü S.
 JOURNAL OF SCIENCE AND ARTS, no.3, pp.423-432, 2017 (ESCI)
- XX. **On N-Cone Metric Spaces**
 POŞUL H., KÜTÜKCÜ S.
 Bulletin of Mathematics and Statistics Research, vol.5, no.4, pp.30-35, 2017 (Peer-Reviewed Journal)
- XXI. **ON d D G METRIC SPACES**
 KÜTÜKCÜ S., poşul h.
 Bulletin of Mathematics and Statistics Research, vol.4, no.4, pp.180-183, 2016 (Peer-Reviewed Journal)
- XXII. **CLASSIFICATIONS IN FUZZY PSEODOMETRIC SPACES**
 KÜTÜKCÜ S., AYDIN E.
 Bulletin of Mathematics and Statistics Research, vol.4, no.4, pp.198-201, 2016 (Peer-Reviewed Journal)
- XXIII. **CLASSIFICATIONS IN FUZZY PSEODOMETRIC SPACES**
 KÜTÜKCÜ S., AYDIN E.
 BULLETIN OF MATHEMATICS AND STATISTICS RESEARCH, vol.4, no.4, pp.198-201, 2016 (Peer-Reviewed Journal)
- XXIV. **ON CAUCHY SEQUENCES IN INTUITIONISTIC FUZZY METRIC SPACES**

- KÜTÜKCÜ S., kumar s.
Bulletin of Mathematics and Statistics Research, vol.4, no.4, pp.170-174, 2016 (Peer-Reviewed Journal)
- XXV. **ON GENERALIZED METRIC SPACES**
KÜTÜKCÜ S., poşul h.
Bulletin of Mathematics and Statistics Research, vol.4, no.4, pp.189-193, 2016 (Peer-Reviewed Journal)
- XXVI. **COMMON FIXED POINT THEOREM FOR WEAKLY COMPATIBLE MAPPINGS WITHOUT CONTINUITY IN METRIC SPACES**
sharma s., KÜTÜKCÜ S., pathak a.
Bulletin of Mathematics and Statistics Research, vol.4, no.4, pp.103-106, 2016 (Peer-Reviewed Journal)
- XXVII. **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)
- XXVIII. **On fixed points in non Archimedean Menger PM spaces**
Choudhury B. S., KÜTÜKCÜ S., das K.
Kochi Journal of Mathematics, vol.7, pp.41-50, 2012 (Peer-Reviewed Journal)
- XXIX. **ON SOME THEOREMS IN INTUITIONISTIC FUZZY METRIC SPACES**
Yildiz C., Sharma S., Kütükcü S.
MISSOURI JOURNAL OF MATHEMATICAL SCIENCES, vol.22, no.1, pp.44-49, 2010 (ESCI)
- XXX. **Fixed points of expansion maps in intuitionistic fuzzy metric spaces**
kumar s., KÜTÜKCÜ S.
Scientific Studies and Research. Series Mathematics and Informatics, vol.20, no.1, pp.199-132, 2010 (Peer-Reviewed Journal)
- XXXI. **A COMMON FIXED POINT THEOREM IN NON-ARCHIMEDEAN Menger PM-SPACES**
Kütükcü S., Sharma S.
DEMONSTRATIO MATHEMATICA, vol.42, no.4, pp.837-849, 2009 (ESCI)
- XXXII. **Common fixed point theorems in IF metric spaces**
KÜTÜKCÜ S.
Journal of Applied Functional Analysis, vol.4, no.1, pp.75-80, 2009 (Peer-Reviewed Journal)
- XXXIII. **Common fixed point theorems for weakly compatible mappings in intuitionistic fuzzy metric spaces**
sharma s., KÜTÜKCÜ S., pathak a.
Journal of Fuzzy Mathematics, vol.17, no.1, pp.225-239, 2009 (Peer-Reviewed Journal)
- XXXIV. **COMPATIBLE MAPS AND COMMON FIXED POINTS IN Menger PROBABILISTIC METRIC SPACES**
Kütükcü S., Sharma S.
COMMUNICATIONS OF THE KOREAN MATHEMATICAL SOCIETY, vol.24, no.1, pp.17-27, 2009 (ESCI)
- XXXV. **A fixed point theorem in intuitionistic fuzzy metric spaces through asymptotical commutativity**
KÜTÜKCÜ S., YILDIZ C.
Journal of Fuzzy Mathematics, vol.17, no.1, pp.199-214, 2009 (Peer-Reviewed Journal)
- XXXVI. **A note on integral inequalities involving the product of two functions on time scales**
TUNA A., yaşar i. b., KÜTÜKCÜ S.
Journal of Applied Functional Analysis, vol.3, no.3, pp.341-346, 2008 (Peer-Reviewed Journal)
- XXXVII. **Compatibility and Common Coincidence Points in Intuitionistic Fuzzy Metric Spaces**
Kütükcü S.
SOUTHEAST ASIAN BULLETIN OF MATHEMATICS, vol.32, no.6, pp.1081-1089, 2008 (ESCI)
- XXXVIII. **Some theorems in intuitionistic fuzzy metric spaces**
KÜTÜKCÜ S., YILDIZ C.
Journal of Applied Functional Analysis, vol.3, no.3, pp.285-297, 2008 (Peer-Reviewed Journal)
- XXXIX. **A common fixed point theorem for contractive mappings**
KÜTÜKCÜ S., sharma s.
Journal of Concrete and Applicable Mathematics, vol.6, no.3, pp.259-266, 2008 (Peer-Reviewed Journal)
- XL. **A common fixed point theorem of compatible and weak compatible maps on Menger spaces**

KÜTÜKCÜ S., YILDIZ C.

Kochi Journal of Mathematics, vol.3, pp.139-152, 2008 (Peer-Reviewed Journal)

XLI. Intuitionistic fuzzy BCC subalgebras of BCC algebras

KÜTÜKCÜ S., YILDIZ C.

Journal of Concrete and Applicable Mathematics, vol.6, no.3, pp.247-258, 2008 (Peer-Reviewed Journal)

XLII. A common fixed point theorem through commutativity

KÜTÜKCÜ S., YILDIZ C.

Journal of Concrete and Applicable Mathematics, vol.6, no.2, pp.153-157, 2008 (Peer-Reviewed Journal)

XLIII. Some applications of intuitionistic fuzzy metric spaces

KÜTÜKCÜ S., sharma s.

Journal of Applied Functional Analysis, vol.3, no.3, pp.269-283, 2008 (Peer-Reviewed Journal)

XLIV. On anti fuzzy structures in BCC algebras

KÜTÜKCÜ S., sharma s.

Journal of Concrete and Applicable Mathematics, vol.6, no.1, pp.9-19, 2008 (Peer-Reviewed Journal)

XLV. A common fixed point theorem of compatible maps of type in fuzzy metric spaces

KÜTÜKCÜ S., TÜRKOĞLU A. D., YILDIZ C.

Journal of Concrete and Applicable Mathematics, vol.5, no.4, pp.347-357, 2007 (Peer-Reviewed Journal)

XLVI. On common fixed point theorems for noncompatible mappings in intuitionistic fuzzy metric spaces

KÜTÜKCÜ S., YILDIZ C., TUNA A.

FAR EAST JOURNAL OF MATHEMATICAL SCIENCES, vol.25, no.2, pp.385-392, 2007 (Peer-Reviewed Journal)

XLVII. Some fixed point theorems for multivalued mappings in fuzzy Menger space

KÜTÜKCÜ S., TÜRKOĞLU A. D., YILDIZ C.

Journal of Fuzzy Mathematics, vol.15, no.2, pp.413-424, 2007 (Peer-Reviewed Journal)

XLVIII. A fixed point theorem in fuzzy metric spaces

KÜTÜKCÜ S., sharma s., tokgöz h.

INTERNATIONAL JOURNAL OF MATHEMATICAL ANALYSIS, vol.1, no.17-20, pp.861-872, 2007 (Peer-Reviewed Journal)

XLIX. A fixed point theorem for contraction type mappings in Menger spaces

Kütükcü S.

American Journal of Applied Sciences, vol.4, no.6, pp.371-373, 2007 (Scopus)

L. On common fixed points in Menger probabilistic metric spaces

KÜTÜKCÜ S., YILDIZ C., TUNA A.

International Journal of Contemporary Mathematical Sciences, vol.2, no.5-8, pp.383-391, 2007 (Peer-Reviewed Journal)

LI. COMMON FIXED POINT FOR MULTIVALUED MAPPINGS IN INTUITIONISTIC FUZZY METRIC SPACES

Sharma S., Kütükcü S., Rathore R. S.

COMMUNICATIONS OF THE KOREAN MATHEMATICAL SOCIETY, vol.22, no.3, pp.391-399, 2007 (ESCI)

LII. Some new dynamic inequalities for first order linear dynamic equations on time scales

yaşar i. b., TUNA A., Dastjerdi M. T., KÜTÜKCÜ S.

APPLIED MATHEMATICAL SCIENCES, vol.1, no.1-4, pp.69-76, 2007 (Peer-Reviewed Journal)

LIII. A COMMON FIXED POINT THEOREM FOR A SEQUENCE OF SELF MAPS IN INTUITIONISTIC FUZZY METRIC SPACES

Kütükcü S.

COMMUNICATIONS OF THE KOREAN MATHEMATICAL SOCIETY, vol.21, no.4, pp.679-687, 2006 (ESCI)

LIV. A fixed point theorem in Menger spaces

KÜTÜKCÜ S.

International Mathematical Forum. Journal for Theory and Applications, 2006 (Peer-Reviewed Journal)

LV. Common fixed points of compatible maps of type beta on fuzzy metric spaces

KÜTÜKCÜ S., YILDIZ C., turkoglu d.

COMMUNICATIONS OF THE KOREAN MATHEMATICAL SOCIETY, vol.21, no.1, pp.89-100, 2006 (Peer-Reviewed Journal)

- LVI. **Common Fixed Points of Compatible Maps of Type on Fuzzy Metric Spaces**
TÜRKÖĞLU A. D., KÜTÜKCÜ S., YILDIZ C.
International Journal of Applied Mathematics, vol.18, no.2, pp.189-202, 2005 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **A Common Fixed Point Theorem in A-Metric Spaces**
KAPLAN E., KÜTÜKCÜ S.
in: International Studies on Natural and Engineering Sciences, AYDIN RUŞEN, YILDIZEL SADIK ALPER, Editor, Gece Kitaplığı, Ankara, pp.87-96, 2020

Refereed Congress / Symposium Publications in Proceedings

- I. **Modüler A-metrik uzaylar üzerine**
KAPLAN E., KÜTÜKCÜ S.
1st INTERNATIONAL CONGRESS ON NATURAL SCIENCES (ICNAS-2021), Erzurum, Turkey, 10 September 2021
- II. **Genelleştirilmiş Metrik Uzaylarda Bağdaşabilir Dönüşüm Tipleri**
POŞUL H., AYDIN E., KÜTÜKCÜ S.
32. Ulusal Matematik Sempozyumu, Turkey, 31 August - 03 September 2019
- III. **Modüler A-metrik uzaylarda bağdaşabilir dönüşümler**
AYDIN E., POŞUL H., KÜTÜKCÜ S.
32. Ulusal Matematik Sempozyumu, Turkey, 31 August - 03 September 2019
- IV. **Modüler metrik uzaylarda bağdaşabilir dönüşümler**
AYDIN E., POŞUL H., KÜTÜKCÜ S.
2nd International Mediterranean Science and Engineering Congress, 25 - 27 October 2017
- V. **A Fixed Point Theorem in Modular A-Metric Spaces**
AYDIN E., POŞUL H., KÜTÜKCÜ S.
International Conference on Computational and Statistical Methods in Applied Sciences, Samsun, Turkey, 9 - 11 November 2017
- VI. **A FIXED POINT THEOREM IN COMPLETE A-METRIC SPACES AND AN APPLICATION**
POŞUL H., AYDIN E., KÜTÜKCÜ S.
International Conference on Computational and Statistical Methods in Applied Sciences, 9 - 11 November 2017
- VII. **Compatible Maps β - Type on Fuzzy Metric Spaces**
AYDIN E., Ergün A., KÜTÜKCÜ S.
International Conference on Computational and Statistical Methods in Applied Sciences, Samsun, Turkey, 9 - 11 November 2017
- VIII. **N-Cone Metrik Uzaylarda Bazı Sabit Nokta Sonuçları**
POŞUL H., AYDIN E., KÜTÜKCÜ S.
2nd International Mediterranean Science and Engineering Congress (IMSEC 2017), Adana, Turkey, 25 - 27 October 2017
- IX. **Contributions in non Archimedean Menger PM Spaces**
KÜTÜKCÜ S.
1st INTERNATIONAL FUZZY SYSTEMS SYMPOSIUM-(FUZZYSS'xx09), 3 - 05 October 2009

Supported Projects

Kütükcü S., Project Supported by Higher Education Institutions, A new generalization of the Ostrowski inequality and Ostrowski type inequality for double integrals on time scales, 2017 - 2023