# Asst. Prof. AYKUT OR

## Personal Information

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## Education Information

Doctorate, Canakkale Onsekiz Mart University, Fen Bilimleri Enstitüsü, Matematik , Turkey 2009 - 2014
Postgraduate, Canakkale Onsekiz Mart University, Fen Bilimleri Enstitüsü, Matematik , Turkey 2006 - 2009
Undergraduate, Canakkale Onsekiz Mart University, Fen Fakültesi, Matematik, Turkey 2002 - 2006

## Foreign Languages

English, B2 Upper Intermediate

## Dissertations

Doctorate, Matris oyunları teorisinin bazı problemleri, Canakkale Onsekiz Mart University, 2014
Postgraduate, Yakın halkalarda türevler, Canakkale Onsekiz Mart University, 2009

## Research Areas

Mathematics, Sequences, Series, Summability, Functional Analysis, Game Theory, Natural Sciences

## Academic Titles / Tasks

Assistant Professor, Canakkale Onsekiz Mart University, Fen Fakültesi, Matematik, 2017 - Continues
Research Assistant PhD, Canakkale Onsekiz Mart University, Fen Fakültesi, Matematik, 2014 - 2017
Research Assistant, Canakkale Onsekiz Mart University, Fen Fakültesi, Matematik, 2006 - 2014

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

I. **Suitable site selection by using full consistency method (FUCOM): a case study for maize cultivation in northwest Turkey**
Everest T., Savaşkan G. S., Or A., Özcan H.
Environment, Development and Sustainability, vol.26, no.1, pp.1831-1850, 2024 (SCI-Expanded)
II. **Double sequences with ideal convergence in fuzzy metric spaces**

OR A.
AIMS Mathematics, vol.8, no.11, pp.28090-28104, 2023 (SCI-Expanded)

## Articles Published in Other Journals

I. **Rough Statistical Convergence in L-Fuzzy Normed Spaces**
ÇAKI A., ÖZCAN A., KARABACAK G., OR A.
International Journal of Advanced Natural Sciences and Engineering Researches, vol.11, no.7, pp.307-314, 2023 (Peer-Reviewed Journal)

II. **Statistical Convergence of Double Sequences in Intuitionistic Fuzzy Metric Spaces**
ÖZCAN A., Karabacak G., BULUT S., OR A.
Journal of New Theory, no.43, pp.1-10, 2023 (Peer-Reviewed Journal)

III. **Ideal convergence and ideal Cauchy sequences in intuitionistic fuzzy metric spaces**
OR A., KARABACAK G.
Mathematica Moravica, vol.27, pp.113-128, 2023 (Peer-Reviewed Journal)

IV. **ROUGH STATISTICAL CONVERGENCE FOR GENERALIZED DIFFERENCE SEQUENCES**
KARABACAK G., OR A.
Electronic Journal of Mathematical Analysis and Applications, vol.11, pp.222-230, 2023 (Peer-Reviewed Journal)

V. **Rough statistical convergence of double sequences in intuitionistic fuzzy normed spaces**
OR A., ÖZCAN A.
Gaziosmanpasa University, vol.11, pp.233-246, 2022 (Peer-Reviewed Journal)

VI. **I-Statistical Rough Convergence of Order α**
BULUT S., OR A.
Journal of New Theory, no.38, pp.34-41, 2022 (Peer-Reviewed Journal)

VII. **A New Game Value Approach for Infinite Interval Matrix Games**
OR A., SAVAŞKAN G. S.
SAKARYA UNIVERSITY JOURNAL OF SCIENCE, vol.25, no.6, pp.1343-1351, 2021 (Peer-Reviewed Journal)

VIII. **Çanakkale İli Ticari Süt Çiftliklerinde Aydınlatma Koşullarının Değerlendirilmesi**
AYDIN A., ÇAY A., POLAT B., OR A.
ÇOMÜ Ziraat Fakültesi Dergisi, vol.8, no.2, pp.289-299, 2020 (Peer-Reviewed Journal)

IX. **Çanakkale İli Çiftçilerinin Hassas Hayvancılık Teknolojisi Kullanım Düzeyinin Belirlenmesi**
AYDIN A., ÇAY A., POLAT B., OR A.
Tarım Makinaları Bilimi Dergisi, vol.16, no.2, pp.1-7, 2020 (Peer-Reviewed Journal)

X. **The Cournot Model of Duopoly and Interval Matrix Games**
SAVAŞKAN G. S., OR A.
Seventh Sense Research Group Journals, vol.66, no.4, pp.211-216, 2020 (Peer-Reviewed Journal)

XI. **An Analytıc Method for Interval Bimatrix Games**
SAVAŞKAN G. S., OR A., HACI Y.
Journal of Mathematics and System Science, no.6, pp.66-71, 2016 (Peer-Reviewed Journal)

XII. **An Analytıc Method for Interval Bimatrix Games**
SAVAŞKAN G. S., OR A., HACI Y.
Journal of Mathematics and System Science, vol.6, no.2, 2016 (Peer-Reviewed Journal)

XIII. **On the Principle of the Optimality for Linear Stochastic Dynamic System**
HACI Y., CANDAN M., OR A.
IInternational Journal in Foundations of Computer Science & Technology, 2016 (Peer-Reviewed Journal)

XIV. **Graphical method for interval bimatrix games**
OR A., SAVAŞKAN G. S., HACI Y.
International Journal of Pure and Applied Mathematics, vol.107, no.3, pp.615-624, 2016 (Scopus)

XV. **On the Principle of Optimality for Linear Stochastic Dynamic System**
HACI Y., CANDAN M., OR A.

International Journal in Foundations of Computer Science&Technology, no.6, pp.57-63, 2016 (Peer-Reviewed Journal)

## Books & Book Chapters

I. **λ-statistical Convergence in Intuitionistic Fuzzy Metric Spaces**
ÖZCAN A., KARABACAK G., OR A.
in: Academic Researches in Mathematics and Science, Gürbüz Ferit, Editor, Özgür Yayınları, pp.31-41, 2023

## Refereed Congress / Symposium Publications in Proceedings

I. **Rough Convergence For Generalized Differences Sequences**
KARABACAK G., OR A.
1st International Conference on Scientific and Academic Research, 10-13.12.2022, Konya-TÜRKİYE, Konya, Turkey, 10 December 2022, pp.831-835

II. **Bulanık Metrik Uzaylarda İstatistiksel Yakınsaklık Üzerine**
KARABACAK G., OR A.
Trakya Üniversiteler Birliği 6. Lisansüstü Öğrenci Kongresi, Çanakkale, Turkey, 17 November 2022

III. **Çift İndisli Dizilerde Kaba İstatistiksel Yakınsaklık", , 17-18 Kasım 2022, Çanakkale.**
ÖZCAN A., OR A.
Trakya Üniversiteler Birliği 6. Lisansüstü Öğrenci Kongresi, Çanakkale, Turkey, 17 November 2022

IV. **Non-Cooperative Matrix Games with Interval Payoffs**
SAVAŞKAN G. S., OR A.
International Symposium on Economics, Finance and Econometrics(ISEFE 2022), Çanakkale, Turkey, 18 - 19 June 2022, pp.77

V. **On Rough Statistical Convergence",, 01-03.12.2021.**
BULUT S., KARABACAK G., OR A.
5th International Online Conference on Mathematics", An Istanbul Meeting for World Mathematicians., İstanbul, Turkey, 01 December 2021, pp.78

VI. **Statistical Convergence and Some Generalization**
KARABACAK G., BULUT S., OR A.
5th International Online Conference on Mathematics", An Istanbul Meeting for World Mathematicians., İstanbul, Turkey, 01 December 2021

VII. **EVALUATION OF LIGHTNING CONDITIONS IN COMMERCIAL DAIRY FARMS**
AYDIN A., Tuna M., ÇAY A., OR A., POLAT B.
6. International Congress on Fundamental and Applied Sciences, Tiran, Albania, 18 - 20 June 2019, vol.1, no.1, pp.17-18

VIII. **EVALUATION OF LIGHTNING CONDITIONS IN COMMERCIAL DAIRY FARMS**
AYDIN A., ÇAY A., OR A., POLAT B., Tuna M.
6. International Congress on Fundamental and Applied Sciences, Tiran, Albania, 18 - 20 June 2019, pp.17

IX. **On Positional Games with Interval Pay-Offs**
Savaşkan G. S., Or A., Hacı Y.
Fifth International Student Research Conference, Praha, Czech Republic, 12 May 2017

X. **Value of Gamefor Infinite Matrix Games with Interval Payoffs**
OR A., SAVAŞKAN G. S.
International Conference on Mathematical Advence and Applications, İstanbul, Turkey, 11 - 13 May 2017, pp.64

XI. **Lexicographic Method in Interval Positional Games**
SAVAŞKAN G. S., OR A.
International Conference on Mathematical Advence and Applications, İstanbul, Turkey, 11 - 13 May 2017, pp.65

XII. **A note on the existence of optimal control for stochastic binarydynamic systems**
CANDAN M., OR A.
International Conference onApplied Mathematics and Analysis, 11 - 13 July 2016

XIII. **Successive Approximation Method in Matrix Games**
OR A., CANDAN M., HACI Y.
FUNCTION THEORY ON INFINITE DIMENSIONAL SPACES, 8 - 11 February 2016

XIV. **Succesive Approximation Method in Matrix Games**
OR A., CANDAN M., HACI Y.
Function Theory on Infinite Dimensional Spaces XIV, Madrid, Spain, 8 - 11 February 2016, pp.21

XV. **The Lemke-Howson Algortihm for Two-Person Non-Zero Sum Games**
Savaşkan G. S., Or A., Hacı Y.
International Conference on Pure and Applied Mathematics, Van, Turkey, 25 - 28 August 2015, pp.124

XVI. **Lemke-Howson algorithm for two-person non-zero sum games**
SAVAŞKAN G. S., OR A., HACI Y.
International Conference on Pure and Applied Mathematics, Van, Turkey, 25 - 28 August 2015, pp.122

XVII. **On Solutions of Interval Matrix Game**
HACI Y., OR A.
International Scientific Conference on Young Researchers, Baku, Azerbaijan, 26 March - 27 April 2013, pp.296

XVIII. **Values of Some Infinite Matrix Games**
HACI Y., OR A.
8th International Symposium of Statistics, Eskişehir, Turkey, 11 - 13 October 2012, pp.190

XIX. **Values os some infinite matrix games**
HACI Y., OR A., CANDAN M.
8th International Symposium of Statistics, Eskişehir, Turkey, 11 - 13 October 2012, pp.190

XX. **Values os some infinite matrix games**
OR A., HACI Y., CANDAN M.
8th International Symposium of Statistics, Eskişehir, Turkey, 11 - 13 October 2012, pp.190

XXI. **Sonsuz Matris Oyunlarının Değerleri Üzerine**
HACI Y., OR A.
6. Ankara Matematik Günleri, Ankara, Turkey, 2 - 03 June 2011, pp.131

XXII. **Matris Oyunları**
HACI Y., OR A.
5. Ankara Matematik Günleri, Ankara, Turkey, 3 - 04 June 2010, pp.182

## Metrics

Publication: 41
Citation (Scopus): 9
H-Index (Scopus): 1

## Non Academic Experience

Üniversal Bilgi Teknolojileri