

## Asst. Prof. GÖNÜL SELİN SAVAŞKAN

### Personal Information

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**Address:** Çanakkale Onsekiz Mart Üniversitesi, Siyasal Bilgiler Fakültesi/ İktisat Bölümü 2.Kat Oda No:222 / 12060

### International Researcher IDs

ORCID: 0000-0002-9978-6941

Yoksis Researcher ID: 299584

### Education Information

Doctorate, Canakkale Onsekiz Mart University, Fen Bilimleri Enstitüsü, Matematik/ Uygulamalı Matematik, Turkey 2014 - 2018

Postgraduate, Canakkale Onsekiz Mart University, Fen Bilimleri Enstitüsü, Matematik, Turkey 2011 - 2014

Undergraduate, Sakarya University, Fen Edebiyat Fakültesi, Matematik, Turkey 2007 - 2011

### Foreign Languages

English, B2 Upper Intermediate

Czech Language, A1 Beginner

### Certificates, Courses and Trainings

Education Management and Planning, Teaching Staff Mobility, Silesian University in Opava, School of Business Administration in Karvina, 2019

Education Management and Planning, Pedagojik Formasyon, Sakarya Üniversitesi, Eğitim Fakültesi, 2011

Education Management and Planning, Erasmus, Univerzita Hradec Králové- Pedagogická fakulta / Katedra matematiky, 2010

### Dissertations

Doctorate, Bimatrix ve Çok Adımlı Oyunların Bazı Problemleri, Canakkale Onsekiz Mart University, Fen Bilimleri Enstitüsü, Matematik/ Uygulamalı Matematik, 2018

Postgraduate, Zaman Skalasında Dinamik Denklemlerin Salınım Teorisi Üzerine , Canakkale Onsekiz Mart University, Fen Bilimleri Enstitüsü, Matematik/ Uygulamalı Matematik, 2014

### Research Areas

Mathematics, Optimization, Game Theory

## Academic Titles / Tasks

Assistant Professor, Canakkale Onsekiz Mart University, Siyasal Bilgiler Fakültesi, İktisat, 2019 - Continues

## Academic and Administrative Experience

Canakkale Onsekiz Mart University, Siyasal Bilgiler Fakültesi, İktisat, 2019 - Continues

## Courses

Optimization Techniques in Economics , Postgraduate, 2022 - 2023  
Game Theory-I, Postgraduate, 2020 - 2021  
Game Theory and Economics Applications, Postgraduate, 2020 - 2021  
Linear Algebra, Undergraduate, 2018 - 2019  
Calculus-I, Undergraduate, 2019 - 2020  
İstatistik-II, Undergraduate, 2018 - 2019  
Linear Algebra, Undergraduate, 2019 - 2020  
Matematik-II, Undergraduate, 2018 - 2019  
Oyun Teorisi, Undergraduate, 2018 - 2019  
İstatistik, Undergraduate, 2018 - 2019  
Mathematics, Undergraduate, 2019 - 2020

## Articles Published in Other Journals

- I. **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)
- II. **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)
- III. **An Analytic 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)
- IV. **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)

## Refereed Congress / Symposium Publications in Proceedings

- I. **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
- II. **Co-Op Advertising with Two Competing Retailers: A Feedback Stackelberg-Nash Game**  
SAVAŞKAN G. S., Sethi S. P.  
9th International Conference on Operations Research and Enterprise Systems (ICORES), Valletta, Malta, 22 - 24 February 2020, pp.19-29
- III. **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

#### IV. 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

#### V. 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

#### VI. 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

### Other Publications

#### I. Co-Op Advertising with Two Competing Retailers: A Feedback Stackelberg-Nash Game

Savaşkan G. S., Sethi S.

Other, pp.1-12, 2020

### Scientific Refereeing

Journal of new results in science, Other Indexed Journal, August 2021

### Scientific Research / Working Group Memberships

Canadian Mathematical Society (Cms), Canakkale Onsekiz Mart University, Turkey, <https://cms.math.ca>, 2023 - Continues  
Türk Matematik Derneği (Tmd), Canakkale Onsekiz Mart University, Turkey, <https://tmd.org.tr/?lang=en%E2%80%8E>,  
2014 - Continues

### Metrics

Publication: 12

Citation (Scopus): 9

H-Index (WoS): 1

H-Index (Scopus): 1

### Congress and Symposium Activities

International Conference on Mathematical Advance and Applications , Attendee, İstanbul, Turkey, 2018

Fifth International Student Research Conference, Prague, Attendee, Praha, Czech Republic, 2017

International Conference on Pure and Applied Mathematics, Attendee, Van, Turkey, 2016

### Scholarships

Postdoctoral Fellowship, University, 2022 - Continues

### Awards

SAVAŞKAN G. S., On Positional Games with Interval Pay-Offs, University of New York in Prague, May 2017