

## Assoc. Prof. AYŞEGÜL ULUS

### Personal Information

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### International Researcher IDs

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### Education Information

Doctorate, Université Panthéon-Sorbonne: Paris I, Uygulamalı Matematik (Ufr27-Mathématiques Et Informatiques), France 1999 - 2003

Postgraduate, Université Panthéon-Sorbonne: Paris I, Uygulamalı Matematik (Ufr27-Mathématiques Et Informatiques), France 1998 - 1999

Undergraduate, Middle East Technical University, Faculty Of Arts And Sciences, Department Of Mathematics, Turkey 1991 - 1996

### Foreign Languages

French, C1 Advanced

English, B2 Upper Intermediate

### Dissertations

Doctorate, Doymamışlık Hipotezi Olmaksızın Genel Denge Teorsine Katkılar, Université Panthéon-Sorbonne: Paris I, Uygulamalı Matematik (Ufr27-Mathématiques Et Informatiques), 2003

Postgraduate, Doymamışlık Hipotezi Altında Ekonomik Denge, Université Panthéon-Sorbonne: Paris I, Uygulamalı Matematik (Ufr27-Mathématiques Et Informatiques), 1999

### Research Areas

Social Sciences and Humanities, Natural Sciences

### Academic Titles / Tasks

Assistant Professor, Galatasaray University, Fen-Edebiyat Fakültesi, Matematik Bölümü, 2006 - Continues

### Academic and Administrative Experience

Deputy Head of Department, Galatasaray University, Fen-Edebiyat Fakültesi, Matematik, 2006 - 2017

## Advising Theses

ULUS A., Hierarchical Structures in Data Science, Postgraduate, H.BEYZA(Student), 2018

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

- I. **On history-dependent optimization models: A unified framework to analyze models with habits, satiation and optimal growth**  
Morhaim L., Ulus A.  
JOURNAL OF MATHEMATICAL ECONOMICS, vol.105, pp.102807-102808, 2023 (SCI-Expanded)
- II. **Teaching the diagonalization concept in linear algebra with technology: A case study at galatasaray university**  
Yildiz Ulus A.  
Turkish Online Journal of Educational Technology, vol.12, no.1, pp.119-130, 2013 (SCI-Expanded)
- III. **Cyclic contractions on G-metric spaces**  
KARAPINAR E., Yildiz-Ulus A., ERHAN İ.  
Abstract and Applied Analysis, vol.2012, 2012 (SCI-Expanded)
- IV. **Fixed Point Theorem for Cyclic Maps on Partial Metric spaces**  
KARAPINAR E., ERHAN İ., ULUS A.  
APPLIED MATHEMATICS & INFORMATION SCIENCES, vol.6, no.2, pp.239-244, 2012 (SCI-Expanded)
- V. **On the Relationship between Tariff Levels and the Nature of Mergers**  
ULUS A., Yildiz H. M.  
B E JOURNAL OF ECONOMIC ANALYSIS & POLICY, vol.12, no.1, 2012 (SSCI)
- VI. **Equilibrium theory with a measure space of possibly satiated consumers**  
Cornet B., Topuzu M., Yildiz A.  
JOURNAL OF MATHEMATICAL ECONOMICS, vol.39, pp.175-196, 2003 (SCI-Expanded)

## Articles Published in Other Journals

- I. **On discrete time infinite horizon optimal growth problem**  
Ulus A.  
International Journal of Optimization and Control: Theories and Applications, vol.8, no.1, pp.102-116, 2018 (Scopus)

## Books & Book Chapters

- I. **Pontryagin's Principle for a Class of Discrete Time Infinite Horizon Optimal Growth Problems**  
Ulus A.  
in: Mathematical Modelling and Optimization of Engineering Problems, J. A. Tenreiro Machado Necati Özdemir Dumitru Baleanu, Editor, Springer, London/Berlin , Zürich, pp.51-69, 2020

## Refereed Congress / Symposium Publications in Proceedings

- I. **Existence of Equilibria For Economies with a Measure Space of Possibly Satiated Consumers**  
Cornet B., ULUS A.

11th European Workshop on General Equilibrium Theory, Atina, Greece, 17 May 2002 - 18 May 2017

**II. Bir Uygulamalı Matematik Alanı: İktisat Teorisi**

ULUS A.

II. Kadın Matematikçile Çalıştayı (TKMD), Turkey, 1 - 03 May 2015

**III. The Fixed Point Argument in General Equilibrium Existence Problem**

ULUS A.

International Workshop on Fixed Point Theory and Applications, 11 - 13 October 2012

**IV. Core Equivalence for Equilibria with Slack**

ULUS A.

MURAT SERTEL MEMORIAL CONFERENCE ON ECONOMIC THEORY, 14 - 16 May 2004

**V. Equivalence du Coeur avec l'Ensemble d'xequilibres avec Dividendes**

ULUS A.

12. Journees du Groupe MODE-SMAI, Le Havre, France, 25 - 27 March 2004

## Supported Projects

ULUS A., Project Supported by Higher Education Institutions, TÜKETİM ALIŞKANLIKLARININ OLUŞUMU VE OPTİMAL BÜYÜME PROBLEMİ, 2019 - 2022

ULUS A., Project Supported by Higher Education Institutions, ANALİZ(CALCULUS) EĞİTİMİNDE YENİLİK HAREKETİ:GELENEKSEL MATEMATİK EĞİTİMİNDEN TEKNOLOJİ DESTEKLİ/ YARDIMLI MATEMATİK EĞİTİMİNE, 2007 - 2010

## Metrics

Publication: 13

Citation (WoS): 63

Citation (Scopus): 77

H-Index (WoS): 3

H-Index (Scopus): 4