

## Lect. PhD Mustafa Aydın

### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: ABD-6124-2020

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Yoksis Researcher ID: 286447

### Education Information

Doctorate, Eastern Mediterranean University, Faculty Of Arts And Sciences, Department Of Mathematics, Cyprus (Kktc) 2017 - 2023

Postgraduate, Fatih University, Institute Of Science, matematik, Turkey 2012 - 2014

Undergraduate, Sakarya University, Faculty Of Arts And Sciences, Department Of Mathematics, Turkey 2008 - 2011

### Foreign Languages

English, B2 Upper Intermediate

### Dissertations

Postgraduate, Bazı Dizi Uzayları Arasındaki Kompakt Operatörler, Fatih University, Institute Of Science, MATEMATİK, 2014

### Research Areas

Mathematics

### Academic Titles / Tasks

Lecturer, Van Yüzüncü Yıl University, Muradiye Meslek Yüksekokulu, Tıbbi Hizmetler ve Teknikler Bölümü, 2022 - Continues

Research Assistant, Istanbul Technical University, Fen-Edebiyat, Matematik Mühendisliği, 2020 - 2022

Lecturer, Istanbul Gedik University, Gedik Vocational School, Department Of Computer Technologies, 2018 - 2020

### Courses

Matematik II, Associate Degree, 2018 - 2019

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

- I. **Relative controllability of nonlinear delayed multi-agent systems**  
Aydın M., Mahmudov N. I.  
International Journal of Control, vol.97, no.2, pp.348-357, 2024 (SCI-Expanded)
- II. **Langevin delayed equations with Prabhakar derivatives involving two generalized fractional distinct orders**  
Aydın M.  
Turkish Journal of Mathematics, vol.48, no.2, pp.144-162, 2024 (SCI-Expanded)
- III. **Some applications of the generalized Laplace transform and the representation of a solution to Sobolev-type evolution equations with the generalized Caputo derivative**  
Aydın M., Mahmudov N. I.  
Bulletin of the Polish Academy of Sciences: Technical Sciences, vol.72, no.2, 2024 (SCI-Expanded)
- IV.  **$\psi$ -Caputo type time-delay Langevin equations with two general fractional orders**  
Aydın M., Mahmudov E.  
Mathematical Methods in the Applied Sciences, vol.46, no.8, pp.9187-9204, 2023 (SCI-Expanded)
- V. **On a study for the neutral Caputo fractional multi-delayed differential equations with noncommutative coefficient matrices**  
Aydın M., Mahmudov N. I.  
CHAOS SOLITONS & FRACTALS, vol.161, 2022 (SCI-Expanded)
- VI. **Iterative learning control for impulsive fractional order time-delay systems with nonpermutable constant coefficient matrices**  
Aydın M., Mahmudov N. I.  
INTERNATIONAL JOURNAL OF ADAPTIVE CONTROL AND SIGNAL PROCESSING, vol.36, no.6, pp.1419-1438, 2022 (SCI-Expanded)
- VII. **Study of the  $\phi$ -generalized type  $k$ -fractional integrals or derivatives and some of their properties**  
Aydın M., Mahmudov N. I.  
TURKISH JOURNAL OF MATHEMATICS, vol.46, pp.1384-1396, 2022 (SCI-Expanded)
- VIII. **On a study of the representation of solutions of a  $\psi$ -Caputo fractional differential equations with a single delay**  
Aydın M., Mahmudov N. I., Aktuglu H., Baytunc E., Atamert M. S.  
ELECTRONIC RESEARCH ARCHIVE, vol.30, no.3, pp.1016-1034, 2022 (SCI-Expanded)
- IX. **Representation of solutions of nonhomogeneous conformable fractional delay differential equations**  
Mahmudov N., Aydın M.  
CHAOS SOLITONS & FRACTALS, vol.150, 2021 (SCI-Expanded)

### Articles Published in Other Journals

- I. **RELATIVE CONTROLLABILITY OF THE  $\phi$ -CAPUTO FRACTIONAL DELAYED SYSTEM WITH IMPULSES**  
AYDIN M.  
KSÜ Mühendislik Bilimleri Dergisi, vol.26, no.Özel Sayı, pp.1121-1132, 2023 (Peer-Reviewed Journal)