Lect. PhD Mustafa Aydın

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Education Information

Doctorate, Eastern Meditarranean 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 Kompact Operatörler, Fatih University, Institute Of Science, MATEMTAİK, 2014

Research Areas

Mathematics

Academic Titles / Tasks

Lecturer, Van Yüzüncü Yil 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

Matematik I, Associate Degree, 2018 - 2019

Temel Matematik, 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. **ψ-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 ϕ-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 φ-CAPUTO FRACTIONAL DELAYED SYSTEM WITH IMPULSES**
AYDIN M.
KSÜ Mühendislik Bilimleri Dergisi, vol.26, no.Özel Sayı, pp.1121-1132, 2023 (Peer-Reviewed Journal)