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Education Information

Doctorate, Yıldız Technical University, Graduate School Of Natural And Applied Sciences, Matematik, Turkey 2018 - 2024

Postgraduate, Ataturk University, Fen Bilimleri Enstitüsü, Matematik, Turkey 2016 - 2018

Undergraduate, Istanbul University, Faculty Of Science, Matematik, Turkey 2012 - 2016

Research Areas

Functional Analysis

Academic Titles / Tasks

Research Assistant, Yıldız Technical University, Fen Edebiyat Fakültesi, Matematik, 2018 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Implicit fractional differential equations: Existence of a solution revisited**
Çelik C., DEVELİ F.
Mathematical Methods in the Applied Sciences, vol.47, no.6, pp.5090-5097, 2024 (SCI-Expanded)
- II. **On the stability analysis of Darboux problem on both bounded and unbounded domains**
Çelik C., DEVELİ F.
Applications of Mathematics, vol.69, no.1, pp.139-150, 2024 (SCI-Expanded)
- III. **A new proof of Hartman and Winter's theorem**
Develi F., Çelik C.
JOURNAL OF FIXED POINT THEORY AND APPLICATIONS, vol.25, pp.1-6, 2023 (SCI-Expanded)
- IV. **Existence and stability analysis of solution for fractional delay differential equations**
DEVELİ F., DUMAN O.
Filomat, vol.37, no.6, pp.1869-1878, 2023 (SCI-Expanded)
- V. **Existence and Hyers-Ulam stability of solutions for a delayed hyperbolic partial differential equation**
Celik C., Develi F.
PERIODICA MATHEMATICA HUNGARICA, vol.84, no.2, pp.211-220, 2022 (SCI-Expanded)
- VI. **Existence and Hyers-Ulam Stability Results for Partial Fractional-Order Delay Differential Equations**

Duman O., Develi F.

Results in Mathematics, vol.77, no.3, 2022 (SCI-Expanded)

VII. **Existence and Ulam–Hyers stability results for nonlinear fractional Langevin equation with modified argument**

DEVELİ F.

Mathematical Methods in the Applied Sciences, vol.45, no.7, pp.3417-3425, 2022 (SCI-Expanded)

VIII. **Almost contraction mappings in cone b-metric spaces over banach algebras**

Develi F., Özavşar M.

Hacettepe Journal of Mathematics and Statistics, vol.49, no.6, pp.1965-1973, 2020 (SCI-Expanded)

Articles Published in Other Journals

I. **Almost Contraction Mappings and (S,T) -Stability of Jungck Iteration in Cone Metric Spaces over Banach Algebras**

DEVELİ F., ÖZAVŞAR M.

Turkish Journal of Mathematics and Computer Science, vol.15, no.1, pp.35-41, 2023 (Scopus)

II. **Weak c -Comparison Function and a Fixed Point Theorem in Cone Metric Spaces over Banach Algebras**

Özavşar M., Develi F.

Mathematical Advances in Pure and Applied Sciences, vol.2, no.1, pp.25-33, 2019 (Peer-Reviewed Journal)

III. **A Proper Generalization of Banach Principle for Nadler Type Mappings in Cone b-Metric Spaces Over Banach Algebras**

Develi F., Özavşar M., Radenovic S.

Journal of Engineering Technology and Applied Sciences, vol.4, no.1, pp.11-18, 2019 (Peer-Reviewed Journal)

Supported Projects

ÇELİK KARAASLANLI C., DEVELİ F., Değerli K., DEMİR E., Project Supported by Higher Education Institutions, Kesirli Diferansiyel Denklemler için Varlık Teklik Kararlılık ve Hopf Çatallanma Analizi, 2023 - 2024

Metrics

Publication: 13

Citation (WoS): 3

Citation (Scopus): 13

H-Index (WoS): 1

H-Index (Scopus): 3