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Education Information

Doctorate, Yildiz 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, Yildiz 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)

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