

CHAOS

THEORY AND APPLICATIONS

IN APPLIED SCIENCES AND ENGINEERING

Chaos Theory and Applications (CTA)

Volume: 4 – Issue No: 2(July 2022)

<https://dergipark.org.tr/en/pub/chaos/issue/64884>

Contents

Author(s), Paper Title	Pages
José A. Tenreiro MACHADO. "The Evolution of Fractional Calculus." (Editorial)	59-63
R. Chase HARRISON, Benjamin K. RHEA, Ariel OLDAG, Robert N. DEAN, Edmon PERKINS. "Experimental Validation of a Chaotic Jerk Circuit Based True Random Number Generator." (Research Article)	64-70
Xiaoting YANG, Liguo YUAN, Zhouchao WEI. "Stability and Hopf Bifurcation Analysis of a Fractional-order Leslie-Gower Prey-predator-parasite System with Delay." (Research Article)	71-81
Muhammed Ali PALA, Murat Erhan ÇİMEN, Mustafa Zahid YILDIZ, Gökçen ÇETİNEL, Emir AVCIOĞLU, Yusuf ALACA . "CNN-Based Approach for Overlapping Erythrocyte Counting and Cell Type Classification in Peripheral Blood Images" (Research Article)	82-87
Nimet KORKMAZ, Bekir ŞİVGA. "The FPGA-Based Realization of the Electromagnetic Effect Defined FitzHugh-Nagumo Neuron Model." (Research Article)	88-93
Josue Alexis MARTÍNEZ-GARCÍA, Astrid Maritza GONZALEZ-ZAPATA, Ericka Janet RECHY-RAMÍREZ, Esteban TLELO-CUAUTLE. "On the Prediction of Chaotic Time Series using Neural Networks." (Research Article)	94-103
Baki ÜNAL. "Stability Analysis of Bitcoin using Recurrence Quantification Analysis." (Research Article)	104-110