

Chaos Theory and Applications (CHTA)

Volume: 5 – Issue No: 4 (December 2023)

Special Issue: Advanced Fractional Mathematics, Fractional Calculus, Algorithms and Artificial Intelligence with Applications in Complex Chaotic Systems**Editors:** Yeliz Karaca, Dumitru Baleanu<https://dergipark.org.tr/en/pub/chaos/issue/81404>**Contents:**

Advanced Fractional Mathematics, Fractional Calculus, Algorithms and Artificial Intelligence with Applications in Complex Chaotic Systems (Editorial) Yeliz KARACA, Dumitru BALEANU	257-266
Unveiling the Complexity of Medical Imaging through Deep Learning Approaches (Review Article) Novsheena RASOOL, Javaid IQBAL BHAT	267-280
Novel Traveling Wave Solutions of Jaulent-Miodek Equations and Coupled Konno-Oono Systems and Their Dynamics (Research Article) Raj KUMAR, Kripa Shankar PANDEY, Avneesh KUMAR, Anshu KUMAR	281-285
Study of Fixed Points and Chaos in Wave Propagation for the Generalized Damped Forced Korteweg-de Vries Equation using Bifurcation Analysis (Research Article) Shruti TOMAR, Naresh M. CHADHA	286-292
Different Variants of Bernstein Kantorovich Operators and Their Applications in Sciences and Engineering Field (Research Article) Parveen BAWA, Neha BHARDWAJ, Sumit Kaur BHATIA	293-299
Weighted and Well-Balanced Nonlinear TV-Based Time-Dependent Model for Image Denoising (Research Article) Alka CHAUHAN, Santosh KUMAR, Khursheed ALAM	300-307
Analysis of the n-Term Klein-Gordon Equations in Cantor Sets (Research Article) Nikhil SHARMA, Pranay GOSWAMI, Sunil JOSHI	308-317
Fractalization of Fractional Integral and Composition of Fractal Splines (Research Article) Gowrisankar ARULPRAKASH	318-325