Special Issue

Optimal Control Problems for Fractional Differential Equations

Message from the Guest Editor

During these last four decades, fractional differential equations have gained interest in the modelling of realworld phenomena. Acting on models in order to achieve a desired goal is the aim of optimal control. The aim of this Special Issue is to report recent developments in the optimal control of fractional differential equations and inequalities involving time fractional and space fractional derivatives, including generalized fractional derivatives. This Special Issue will accept high-quality papers containing original research results and survey articles of exceptional merit on the optimal control of models in bounded and unbounded domains, as well as on networks.

Guest Editor

Prof. Dr. Gisèle M. Mophou Laboratoire LAMIA, Université des Antilles, Campus Fouillole, 97159 Pointe-à-Pitre, Guadeloupe, France

Deadline for manuscript submissions

closed (31 May 2024)



an Open Access Journal by MDPI

Impact Factor 3.6 CiteScore 4.6



mdpi.com/si/164344

Fractal and Fractional MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 fractalfract@mdpi.com

mdpi.com/journal/ fractalfract





Fractal and Fractional

an Open Access Journal by MDPI

Impact Factor 3.6 CiteScore 4.6





Message from the Editor-in-Chief

Editor-in-Chief

Prof. Dr. Carlo Cattani Engineering School (DEIM), University of Tuscia, Largo dell'Università, 01100 Viterbo, Italy

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), Inspec, and other databases.

Journal Rank:

JCR - Q1 (Mathematics, Interdisciplinary Applications) / CiteScore - Q1 (Analysis)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 20.9 days after submission; acceptance to publication is undertaken in 3.6 days (median values for papers published in this journal in the first half of 2024).

