

# Bibliography

- [1] **P. Inizan**, *Dynamique fractionnaire pour le chaos hamiltonien*, Thèse de Doctorat, L'Observatoire de Paris, France, 2010.
- [2] **R.N. Bracewell**, *The Fourier transform and its applications*, (3rd ed.) McGraw-Hill, New York, 1999.
- [3] **A. Khalouta**, *New approaches for solving Caputo time-fractional nonlinear system of equations describing the unsteady flow of a polytropic gas*, International Journal of Nonlinear Analysis and Applications, 14(3) (2023), 33-46.
- [4] **A. Khalouta**, *Existence and Uniqueness of Solution for Caputo-Fabrizio Fractional Bratu-Type Initial Value Problem*, Azerbaijan Journal of Mathematics, 13(1) (2023), 96-112.
- [5] **A. Khalouta**, *A novel computational method for solving the fractional SIS epidemic model of two different fractional operators*, Annals of the University of Craiova, Mathematics and Computer Science Series, 50(1) (2023), 136-151.
- [6] **A. Khalouta**, *A new decomposition transform method for solving nonlinear fractional logistic differential equation*, The Journal of Supercomputing, 80 (2024), 8179–8201  
<https://doi.org/10.1007/s11227-023-05730-1>
- [7] **A.A. Kilbas, H.M. Srivastava and J.J. Trujillo**, *Theory and Application of Fractional Differential equations*, Elsevier, Amsterdam, 2006.
- [8] **K.S. Miller and B. Ross**, *An Introduction to the Fractional Calculus and Fractional Differential Equations*. John Wiley and Sons, Inc, New York, 1993.

- [9] **R.J. LeVeque**, *Finite Difference Methods for Ordinary and Partial Differential Equations*, SIAM, 2007.
- [10] **K.B. Oldham and J. Spanier**, *The Fractional Calculus*. Academic Press, New York, 1974.
- [11] **I. Podlubny**, *Fractional Differential Equations*. Mathematics in Science and Engineering Volume 198 Academic Press, New York, 1999.
- [12] **S.G. Samko, A.A. Kilbas, and O.I. Marichev**, *Fractional integrals and derivatives : theory and applications*. Gordon and Breach, 1993.
- [13] **M. R. Spiegel**, *Theory and problems of Laplace transform*, New York, USA : Schaum's Outline Series, McGraw–Hill, 1965.