Curriculum Vitae

Personal informations

- **Personal**
- Prof. Rouar Salim
- Professor, Mathematics department, University of Oum El Bouaghi, Algeria.
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- **Researcher identity**
  - Google Scholar: https://scholar.google.com/citations?user=6vKgBlAAAAAJ&hl=ar
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Education

- **Ph.D.'s degree** in **Partial differential equations , University of Tebessa (2017)**
- Magister**'s degree** in **Numerical analysis, , University of Annaba (2005)**
- Graduate Diploma**'s degree** in **Mathematics, , University of Oum El Bouaghi (2003)**

Functions and Affiliations

- Teacher researcher at University Larbi Ben Mhidi, Oum El Bouaghi- Algeria, since 2018
- Teacher researcher at University of Tebessa-Algeria (2005-2018)

Teaching modules

-General Mathematics- Mathematics analysis – Complex analysis- Measure and integration – Optimization- Descriptive statistics- Bio-Statistics- Analysis of experimental data in biology

International publications

- Critical exponents for a nonlinear reaction-diffusion system with fractional derivatives, Global Journal of Pure and Applied Mathematics. Volume 12, Number 6 (2016).
- Effect of gender on hematological parameters in growing Ouled Djellal sheep of semi arid zones of Northeastern Algeria, DOI:10.38150/sajeb.11(4).p407-417].
- Establishment of blood chemistry reference intervals for Arbia goats, including values in phases of reproduction, May 2021, Comparative Clinical Pathology 30(1) DOI: 10.1007/s00580-021-03243-y
- Epidemiological and clinical characteristics of COVID-19 in Eastern Algeria, Przegląd Epidemiologiczny, October 2022.

- A New Fractional-Order Three-Dimensional Chaotic Flows with Identical Eigenvalues, Nonlinear Dynamics and Systems Theory, 22 (4) (2022) 447—456.

Interests and Qualifications

- **Interests:**
- • Numerical Analysis
- • Dynamic Systems
- • Synchronization
- • Mathematical Modelling
- • Nonlinear Partial Differential Equations
- • Fractional Calculus

Other interests:

Applications of mathematics concepts in various aspects of life, especially in the economic and social fields.