

CURRICULUM VITAE

Personal information

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Education

- **Professor's degree** in University of Oum El Bouaghi, Algeria 2022
- **University qualification degree** in University of Oum El Bouaghi, Algeria 2018
- **PHD's degree** in University of Annaba, Algeria 2016

Functions and Affiliations

- **Professor**, Mathematics department , University of Oum El Bouaghi, Algeria 2002

Teaching modules

Dynamic System and Chaos

Algebra

Analysis

International publications

1. **Rezzag Samia**, Fuchen Zhang. On the Dynamics of New 4D and 6D Hyperchaotic

- Systems. Mathematics 10, 3668, 2022.
2. **Rezzag Samia.** Chaos synchronization of the 4 D hyperchaotic Lorenz Stenflo system. Dynamics of Continuous, Discrete and Impulsive Systems, Series B, Applications & Algorithms 29, 391-397, 2022.
 3. **Rezzag Samia.** Estimating the solution bounds for a novel 4D hyper-chaotic system. Nonlinear Studies, 27, (4) 1129-1135, 2020.
 4. **Rezzag Samia.** On the boundedness of a novel four dimensional hyper-chaotic system. Nonlinear Dynamics and Systems Theory, 20, (1) 72-77, 2020.
 5. **Rezzag Samia.** Bounds of solutions of a new hyperchaotic system. Nonlinear Studies, 26, (3) 603-608, 2019.
 6. **Rezzag Samia.** The Smale horseshoe-type chaos in the general 3-D quadratic continuous-time system with a cubic term. Nonlinear Studies, 26, (1) 1-13, 2019.
 7. **Rezzag Samia.** Boundedness results for a new hyperchaotic system and their application in chaos synchronization. Nonlinear Dynamics and Systems Theory, 18, (4) 409-417, 2018.
 8. **Rezzag Samia.** The ultimate bound and positively invariant set for the general n-D continuous-time autonomous system. Nonlinear Studies, 25, (2) 467-474, 2018.
 9. Ahmed Diar, Okba Zehrour et **Rezzag Samia.** Ultimate bound and dynamical behavior for a new complex financial chaotic system. Nonlinear Studies, 24, (3) 591-602, 2017.
 10. **Rezzag Samia.** Boundedness of the new modified hyperchaotic Pan system. Nonlinear Dynamics and Systems Theory, 17, (4) 402-408, 2017.
 11. **Rezzag Samia.** Solution bounds of the hyper-chaotic Rabinovich. Nonlinear Studies, 24, (4) 903-909, 2017.
 12. **Rezzag Samia,** Okba Zehrour et Abd el karim Aliouche. Estimating the bounds for the general 4-D continuous-time autonomous system. Nonlinear Dynamics and Systems Theory, 15, (3) 313-320, 2015.
 13. **Rezzag Samia,** Okba Zehrour et Abd el karim Aliouche. Estimating the bounds for the general 4-D hyperchaotic system. Nonlinear Studies, 22, (1) 41-48, 2015.
 14. **Rezzag Samia,** Raouf Draïdi et Amar Mekhlouf. Sur le principe de superposition et l'équation de Riccati. Comptes Rendus Mathématiques, Science Direct 340, 799-802, 2005.

Interests and Qualifications

- **Interests:** Chaos, Stability and Bounds of system, Synchronization
- **Qualifications:**