

Personal Information

Name : Sarbast Hussein Mikaeel
Address: Kurdistan Region, Soran.
DOB : 18thFeb. 1989
E-mail: sarbast.mikael@soran.edu.iq
Mobile No.: +964(0)750 4434418



Education:

- Sep, 2017: MSc. degree in Math at Soran University.
- July, 2012: B.S.C in Math at Soran University.
- Currently, PhD student at Soran University.

Working Experience:

- Currently working as instructor at **Faculty of science, Soran University.**
- November, 2021 to September, 2022 **Faculty of Education, Soran University.**
- December, 2012 to December, 2015: Assistant researcher at **Soran University.**

Publications:

1. Hussein, Sarbast, and Azad Ibrahim Amen. "Integrability and Global Dynamics of Two Chaotic Systems. *International Journal of Bifurcation and Chaos* 33, no. 14 (2023): 2350169.
2. Elsadany, A.A., Hussein, S., Al-khedhairi, A. and Elsonbaty, A. On dynamics of 4-D blinking chaotic system and voice encryption application. *Alexandria Engineering Journal*, **70** (2023), 701-718.
3. Hussein, S., Salhi, T. and Huang, B. Integrability and Non-Existence of Periodic Orbits for a Class of Kolmogorov Systems. *Tatra Mountains Mathematical Publications*, **8**(1) (2022),145-154.
4. Hussein, S., Benyoucef, S. Analysis of existence and non-existence of limit cycles for a family of Kolmogorov systems. *Rendiconti dell'Istituto di Matematica dell'Università di Trieste: an International Journal of Mathematics*, **54** (2022), 1-10.
5. Hussein, S., Selvam, G.M., Shanmugam, V.D. and Beshayi, B. Stability and Anti-Chaos Control of Discrete Quadratic Maps. *Iraqi Journal of Science*, **62**(5) (2021), 1675-1685.

6. Hussein, S., Amen, A.I. Darboux and rational first integrals for a family of cubic three dimensional system. *Zanco Journal of Pure and Applied Sciences*, **33**(2) (2021), 139-146.

Honors and Awards:

- Sep, 2017 – April, 2018, Participated in **Teaching Methods and Research Methodology Course** at Soran University–Erbil.
- May, 2021- August, 2021: Participated in **English Language Course (Intermediate Level (6 IELTS))** at Soran University–Erbil.

Teaching professional:

- Dynamical systems
- Differential Equations
- Advanced Calculus
- Finite mathematics
- Foundations of mathematics

Skills IT:

- Programming languages and mathematical packages: Matlab, Mathematica, Maple, C++.
- Others: Latex , SPSS, Word, Excel, Power point, and Access, Mac OS, windows OS.

Language skills:

- Kurdish Language Mother Tongue.
- English Medium
- Arabic good

Academic links:

- Google Scholar:
<https://scholar.google.com/citations?user=PAVGZ5IAAAAJ&hl=en&oi=ao>
- Homepage:
https://staff.soran.edu.iq/staff_profile.php?ID=341