

Curriculum Vitae



Personal Details

Full Name: Tahsin Ibrahim Rasul

Gender: Male

Nationality: Iraqi- Kurdish

Date of Birth: 1st January 1985

Job title: Assistant lecturer in Mathematics

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Education

- ❖ 2020–until now, PhD student, Mathematics Department, Faculty of Science, Soran University, Soran- Erbil, Kurdistan Region, Iraq.
- ❖ 2012–2013, Master of **Science in Mathematics**, Sussex University, Brighton, UK, *Distinction*.
- ❖ 2004–2008, Bachelor of **Mathematics**, Salahaddin University, Erbil, Kurdistan Region, Iraq.
- ❖ 2003–2004 , **Secondary School**, Shahid Abdulrahman Preparatory, Soran-Erbil, Kurdistan Region, Iraq.

Publications

- ❖ Haval M. Mohammed Salih, Asaad A. Jund, Tahsin I. Rasul “ The Orbits of all Groups of Order 24” , JZS-A Volume 22, Issue 1, June 2020.
- ❖ Tahsin I. Rasul and Rizgar H. Salih “Hopf Bifurcation of Three-Dimensional Quadratic Jerk System” , Baghdad Sci. J., July 17,2023.
- ❖ Tahsin I. Rasul and Rizgar H. Salih “[Bifurcation analysis with self-excited and hidden attractors for a chaotic jerk system](#)” , Journal of Mathematics and Computer Science- JMCS 35 (3), 319—335,2024.
- ❖ Tahsin I. Rasul and Rizgar H. Salih “[Bifurcation analysis with chaotic attractor for a special case of jerk system](#)” , Physica Scripta 99 (8), 085235,2024.

Teaching Experience (Courses taught)

- ❖ Numerical analysis
- ❖ Computer science and Programming
- ❖ Calculus

- ❖ Linear Algebra
- ❖ Foundations of Mathematics
- ❖ Differential equation
- ❖ Partial Differential equation

Current Research Interests

- ❖ My current research interests are in the general areas of qualitative theory of ODE, Bifurcation Analysis, Stability Analysis, Chaos Theory and Nonlinear Analysis. More specifically I am working on chaotic system, hidden attractor and bifurcation Analysis.

Responsibilities

- ❖ 2014-2017 and 2023 Member of Controller of Examination at Soran University.
- ❖ September 2014 Committee member in Curriculum Development.
- ❖ September 2018 assistant Department Head.

Awards

- ❖ 2011 Received scholarship for Master's to study in UK from Kurdistan Regional Government because of my excellence in Undergraduate studies.
- ❖ 2008 Class 2nd in mathematics department during my Undergraduate studies.

Professional Strength

- ❖ Good leadership skills and has the ability to guide and provide technical direction.
- ❖ Excellent problem solving, analytical and logical thinking skills.
- ❖ Good communication skills, easily understood by students.
- ❖ Good Computer skills.
- ❖ Well organized capable of operating to tight deadlines.

Languages

Kurdish **Mother tongue**

English

Computer Knowledge

- ❖ Maple,
- ❖ MATLAB,
- ❖ LATEX,
- ❖ Microsoft Word,
- ❖ Microsoft Excel.

