Curriculum vitae

PERSONAL INFORMATION	**Mohammed Ismael Sadeeq Zebari**

📍 Akre, 42001 Duhok (Iraq)

📱 (+964) 0750 4096759, (+964) 0751 8087796

✉ mohammed.sadeeq@uod.ac

🌐 mohammedmath87@yahoo.com

💬 Skype Mohammed I. Sadeeq

Sex Male | Date of birth 16/11/1987 | Nationality Iraqi

POSITION Assistant Lecturer, Mathematician, University of Duhok

WORK EXPERIENCE

25/10/2012–23/11/2014 Teaching Assistant, Department of Mathematics, College of Science.
Salahaddin University
Kirkuk road, 44002 Erbil (Iraq)
http://su.edu.krd/

Business or sector Education

25/11/2014–01/11/2016 Teaching Assistant, Department of Mathematics, College of Education-Akre.
University of Duhok
42001 Duhok (Iraq)
http://web.uod.ac/

Business or sector Education

02/11/2016–Present Academic staffs as Assistant Teacher, Department of Mathematics, College of Education-Akre.
University of Duhok
42001 Duhok (Iraq)
http://web.uod.ac/

Business or sector Education

EDUCATION AND TRAINING

07/10/2006–01/10/2008 High School Degree
Dinarta Preparatory for Boys, Duhok (Iraq)

Main Subjects:
+ Mathematics, Physics, Chemistry, Biology
+ English, Kurdish, and Arabic Languages
+ Sport and Arts

05/10/2008–28/06/2012 Bachelor of Mathematics
Salahaddin University/ College of Science
Kerkuk Road, 44002 Erbil (Iraq)
http://science.su.edu.krd/

Main Subjects:
+ Foundation of Mathematics, Calculus I, Finite Mathematic, G. Physics.
+ Calculus II, Linear Algebra, ODEs, Prob. & Stat., Advanced programming, Operation Research.

+ Mathematical Analysis, Numerical Analysis, PDEs, Abstract Algebra, Mathematical Statistics, Analytical Mechanics.
+ Complex Analysis, Topology, Applied Statistics with SPSS, Number Theory and Cryptography, Mathematical Method, History of Mathematics.

30/11/2014–02/11/2016   Master of Mathematics

Salahaddin University
Kerkuk Road, 44002 Erbil (Iraq)
http://su.edu.krd/

Main Subjects:
+ Numerical Analysis, Mathematical Analysis, Commutative Algebra, Linear Statistical Model.
+ Numerical Analysis, Numerical Optimization, Measure Theory and Non-Standard Analysis, Non-Commutative Algebra, Latex Package.

09/10/2016–09/04/2017   Diploma of Teaching

University of Duhok
42001 Duhok (Iraq)
http://web.uod.ac/

Main Subjects:
+ Teaching Methods and Research Methodology.

PERSONAL SKILLS

Mother tongue(s)   Kurdish

Foreign language(s)

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	
Arabic				
C1	C1	B2	B1	C1
English				
B1	B2	B1	B1	B2
IELTS, CERF Level B1				

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
Common European Framework of Reference for Languages

Communication skills   I am dedicated, organized, a hard working. I am a flexible person regarding working hours, and I am available to working night and day, part time and full time. I can do something like supervising, administration, software and so on, for every fields of work. I am friendly person with surrounding people. Moreover, I am mathematician, I work on numerical methods for the solution of mathematical problems. My work initially is including understanding approximate solution of PDEs.

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem-solving
Proficient user	Independent user	Independent user	Independent user	Proficient user

Digital skills - Self-assessment grid

Computer Skills:
+ Microsoft Office (Word, Excel, Access), Visual Basic, Matlab, Maple, Latex, C++, SPSS, Q Basic, Visual Studio, C#.

ADDITIONAL INFORMATION

Memberships

- Member of the academic staffs as Assistant Teacher, Department of Mathematics, College of Education-Akre, University of Duhok, 2016-Present.
- Head of the Department of Mathematics, 2020- Present
- Undergraduate Students Coordinator (Rapporteur), 2017-2020.
- Member of the quality assurance, 2017-2020.
- Member of the Teachers Assessment committee, 2018-Present.
- Member of the final exam committee.
- Supervising undergraduate students.

Publications

- **Rostam K. Saeed** and **Mohammed I. Sadeeq**, (2017). Radial Basis Function-Pseudospectral Method for Solving Non-Linear Whitham-Broer-Kaup Model. *Sohag Journal of Mathematics: An International Journal.* Vol.4, No. 1.
- **Rostam K. Saeed** and **Mohammed I. Sadeeq**, (2017). Numerical Solution of Nonlinear Whitham-Broer-Kaup Shallow Water Model Using Finite Difference Methods. *Journal of Zankoy Sulaimani-Part A.* Vol. 19, No.1.
- **Mohammed I. Sadeeq** and **Rostam K. Saeed**. Numerical Treatment of Whitham-Broer-Kaup Shallow Water Model. M.Sc. Thesis. LAP LAMBERT Academic Publishing, (2017).
- **Younis A. Sabawi**, **Mardan A. Pirdawood** and **Mohammed I. Sadeeq**. A compact Fourth-Order Implicit-Explicit Runge-Kutta Type Method for Solving Diffusive Lotka–Volterra System. Journal of Physics: Conference Series.(2021).
- **Mohammed I. Sadeeq**, **Faraj M. Omar** and **Mardan A. Pirdawood**. Numerical Solution of Hirota-Satsuma Coupled Kdv System by Rbf-Ps Method. Journal of University of Duhok, Vol. 25, No.2 (Pure Engineering Sciences), Pp 164-175, (2022).

Master Thesis

Title: *Numerical Treatment of Whitham-Broer-Kaup Shallow Water Model.*
Supervisor: Prof. Dr. Rostam K. Saeed. Prof of mathematics, Salahaddin University.
Description: This thesis presents numerical solution of Whitham-Broer-Kaup (WBK) shallow water model using finite difference and radial basis function- pseudospectral method methods.
Published: LAP LAMBERT Academic Publishing.

Teaching Experience

First Year: Foundation of Mathematics, Calculus and Programing.
Second Year: Advanced Calculus, Linear Algebra, ODEs, Probability & Statistics.
Third Year: Mathematical Statistics and Numerical Analysis with Matlab.
Fourth Year: Numerical Optimization with Maple, Applied Statistics with SPSS, and G. Topology.

Conferences

14/11/2009 - 14/11/2009	First Iraqi-French Mathematics Conference Cooperation with Mathematics Department, College of Science, Salahaddin University- Erbil, Kurdistan, Iraq.
05/05/2014 - 14/05/2014	CIMPA-KURDISTAN IRAQ SCHOOL: Inverse Problems: Theory and Application. Mathematics Department, College of Science, Salahaddin University-Erbil, Kurdistan, Iraq.
20/12/2015 - 30/12/2015	CIMPA-West Asia Mathematical School. Boundary Value Problems and Approximations. Mathematics Department, College of Science, Salahaddin University-Erbil, Kurdistan, Iraq
24/04/2018 - 26/04/2018	The Silver Jubilee Festival in Duhok University. Kurdistan, Iraq.
02/02/2023- 03/02/2023	The First Scientific Local Conference Entitled Al-Sheikh Tahir Shoshi. University of Duhok, College of Education-Akre. (2022).