

PROFESSIONAL DETAILS



Fullname Harivan Ramadhan Nabi

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Phone 07504873339

Gender male

Birth Date 1986-05-09

Address Iraq - Duhok

Nationality Iraqi

-
- [Duhok Technical Institute](#)
 - [Surveying](#)

LANGUAGE

- **Kurdish** (Native)
- **English** (Intermediate)
- **Arabic** (Proficient)

SPECIALTIES

Mathematics Applied Mathematics

TEACHING MATERIAL

Mathematics Statistics Numerical Analysis MATLAB

SOCIAL LINKS

[Facebook](#) [Google Scholar](#) [Researchgate](#)

EDUCATION

Dec, 2016

MSc

Mathematics

Firat University / Turkey

Jul, 2009

Bsc

Mathematics

University of Duhok

TITLE

Jan, 2020

Assistant Lecturer

PROFESSIONAL EXPERIENCE

Jan, 2020 - Jul, 2020

Lecturer

Shekhan Technical Institute

Duhok

Applied Mathematics and MATLAB software for the students of the first phase in the Department of Computer science and IT.

Oct, 2016 - Jun, 2018

Lecturer

Akre Technical Institute

Duhok

- Mathematics subject for the students of the first phase in the Department of Surveying.

Sep, 2010 - Apr, 2020

Lecturer

Duhok Technical institute

Duhok

- Mathematics subject for the students of the first phase in the Department of Road Construction, Surveying and Building Construction - Applied Mathematics and MATLAB software for the students of the first phase in the Department of Computer science and IT.

SKILLS

ICDL: - Basic Concepts of Information Technology. - Using the Computer and Managing Files. - Word Processing. - Spreadsheets. - Presentation. - Information and Communication.

Course in English language:

Training about a Course in English language in Duhok University, July 2013

Teaching Method and Research Methodology:

Teaching Method and Research Methodology, #075 October 2017

IREX: IRAQ E-LEARNING TRAINING PROFESSIONAL TRAINING PROGRAM
MAY-JUNE, 2020

INTEREST

Hobbies and Interests:

I enjoy reading non-fiction books, solving puzzles and socialising with friends and family.

PUBLICATION JOURNAL

Feb, 2023

[Geometrical patterns of time variable Kadomtsev–Petviashvili \(I\) equation that models dynamics of waves in thin films with high surface tension](#)

Nonlinear Dynamics

Abstract Lump solutions are a prominent option for numerous models of nonlinear evolution. The intention of this research is to explore the variable coefficients Kadomtsev–Petviashvili equation. We auspiciously provide multiple soliton and M-lump solutions to this equation. Additionally, the presented results are also supplied with collision phenomena. Owing of its essential role, we employ appropriate parameter values to emphasis the physical characteristics of the provided results using 3D and contour charts. The outcomes of this work convey the physical characteristics of lump and lump interactions that occur in many dynamical regimes.

Jan, 2023

[Multiple soliton, M-lump and interaction solutions to the \(3+1\)-dimensional soliton equation](#)

Results in Physics

One of the most effective ways to understand nonlinear quantum systems is with lump solutions. The objective of this study is to acquire more about the (3+1)-dimensional soliton equation. We successfully present this equation with various solitons and M-lump solutions. We adopt specific parameter values to accentuate the physical features of the provided exact solutions through 3D and contour plots as doing so is of extreme significance. The submitted results indicate the physical qualities of lump-and-lump interaction events in various nonlinear physical processes. Keywords: Multi-soliton, Multi-M-lump, mixed solutions, Hirota direct method, long-wave method, (3+1)- dimensional soliton equation

Dec, 2022

[W-shaped soliton solutions to the modified Zakharov-Kuznetsov equation of ion-acoustic waves in \(3+1\)-dimensions arise in a magnetized plasma](#)

AIMS Mathematics (Issue: 2) (Volume: 8)

Abstract: This paper is presented to investigate the exact solutions to the modified Zakharov- Kuznetsov equation that have a critical role to play in mathematical physics. The $\tan^{-1}(x)$ - expansion, $(m + G(x)/G'(x))$ -expansion and He exponential function methods are used to reveal various analytical solutions of the model. The equation regulates the treatment of weakly nonlinear ion-acoustic waves in a plasma consisting of cold ions and hot isothermal electrons throughout the existence of a uniform magnetic field. Solutions in forms of W-shaped, singular, periodic-bright and bright are constructed.

Keywords: W-shaped; modified ZK equation; exact solutions; analytical methods

Mathematics Subject Classification: 35D35, 37K40

CONFERENCE

Apr, 2018 - Current

[Approximate Solutions Of Two dimensional Burgers' And Coupled Burgers' Equations By Residual Power Series Method](#)

CYPRUS, Girne As Guest

3rd International Conference on Computational Mathematics and Engineering Sciences