

# **CURRICULUM VITAE**

## ***PERSONAL INFORMATION***

Name: Shaheed Naser Huseen  
Date of birth: 30 July 1970  
Place of birth: Thi-Qar, Iraq  
Nationality: Iraqi  
Marital Status: Married  
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## ***EDUCATION***

- Ph.D. in Mathematics, Ain Shams University, Egypt, 2014.
- M.Sc. in Mathematics, Al-Mustansiriyah University, Iraq, 1999.
- B.Sc. in Mathematics, Basra University, Iraq, 1992.

## ***WORK EXPERIENCE***

- February 2005 to September 2008  
Position: Teaching Assistant  
Place: Department of Computer Science, Faculty of Science, University of Thi-Qar, Iraq.  
Duties: Teaching undergraduate courses of mathematics, Discrete Mathematics, Ordinary Differential Equations.
- September 2008 to January 2016  
Position: Lecturer  
Place: Department of mathematics, Faculty of Computer Science and Mathematics, University of Thi-Qar, Iraq.  
Duties: Teaching undergraduate courses of mathematics, Foundations of Mathematics, Discrete mathematics.
- January 2016- present  
Position: Assistant professor  
Place: Department of mathematics, Faculty of Computer Science and Mathematics, University of Thi-Qar, Iraq.  
Duties: Teaching undergraduate and postgraduate courses of mathematics, Numerical Analysis and computational mathematics.

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## ***LANGUAGE SKILLS***

Arabic (native), English.

## ***CURRENT RESEARCH INTERESTS***

- Numerical Analysis and Series Solutions.
- Fractional Differential Equations.
- Computational Methods.

### ***SUPERVISION OF THESIS.***

- Nada Mohammed Ayay (MSc), Approximate Solutions of Initial and Boundary Value Problems Using the q- Homotopy Analysis Method, Faculty of Education of Pure Mathematics. University of Thi-Qar, Iraq,(2018)
- Haider Ali Mkharrab (MSc), A Study on the Modifications of Homotopy Analysis Method, Faculty of Computer Science and Mathematics, University of Thi-Qar, Iraq,(2019)

### ***LIST OF PUBLICATIONS (INTERNATIONAL JOURNAL PAPERS)***

- [1]El-Tawil M. A. and HuseenS.N., The q-Homotopy Analysis Method (q-HAM), International Journal of Applied mathematics and mechanics, 8 (15): 51-75, 2012.
- [2]El-Tawil M. A. and HuseenS.N.,On Convergence of The q-Homotopy Analysis Method, Int. J. Contemp. Math. Sciences, Vol. 8, 2013, no. 10, 481 – 497.
- [3]Huseen S. N. and Grace, S. R. 2013, Approximate Solutions of Nonlinear Partial Differential Equations by Modified q-Homotopy Analysis Method (mq-HAM), HindawiPublishing Corporation, Journal of Applied Mathematics, Article ID 569674, 9 pages [http:// dx.doi.org/10.1155/ 2013/ 569674](http://dx.doi.org/10.1155/2013/569674).
- [4]Huseen S. N., Grace S. R. and El-Tawil M. A. 2013, The Optimal q-Homotopy Analysis Method (Oq-HAM), International Journal of Computers & Technology, Vol 11, No. 8.
- [5] Huseen S. N., Solving the K(2,2) Equation by Means of the q-Homotopy Analysis Method (q-HAM), International Journal of Innovative Science, Engineering & Technology, Vol. 2 Issue 8, August 2015.
- [6]Huseen S. N., Series Solutions of Fractional Initial-Value Problems by q-Homotopy Analysis Method, International Journal of Innovative Science, Engineering & Technology, Vol. 3 Issue 1, January 2016.
- [7]Huseen Shaheed N. Application of optimal q-homotopy analysis method to second order initial and boundary value problems. Int J Sci Innovative Math Res (IJSIMR) 2015;3(1):18–24.
- [8]Huseen S. N., A Numerical Study of One-Dimensional HyperbolicTelegraph Equation, Journal of Mathematics and System Science 7 (2017) 62-72.
- [9]Huseen S. N. and Nada M. Ayay, A New Technique of The q-Homotopy Analysis Method for Solving Non-Linear Initial Value Problems, Journal of Progressive Research in Mathematics, Volume 14, Issue 1 (2018). pp 2292-2307.
- [10]Huseen S. N. and Haider A. Mkharrab, On a New Modification of Homotopy Analysis Method for Solving Nonlinear Nonhomogeneous Differential Equations, Asian Journal of Fuzzy and Applied Mathematics Volume 06 – Issue 02, October 2018.