

Dr.

# Huda Esmail Khalid Esmail Al-Jumaily

*Assistant professor*

Affiliation

Department of Mathematics

College of Basic Education

Telafer University, IRAQ



## Profile

Born in 26/9/1974, Mosul, Iraq. BA from the Department of Mathematics, Faculty of Science, Mosul University (1998). MSc from the same university, with the thesis "The Use of Spectral Envelop in the Rhythms of Arabic Poetry " (2001). PhD from the same university, with the thesis "Investigation in the Sensitivity Analysis in the Generalized Geometric Programming Problems" (2010).

Member in Telesio-Galilei Academic of Science. Editorial board member in Journal of High Energy Physics, Gravitation and Cosmology. A Honorary Membership of Neutrosophic Science International Association as of May 19, 2015. Editorial board member in Journal of Neutrosophic Sets and Systems. Member of a Working Group to Follow up the National Strategy for the Development of Higher Education in Iraq in the University of Telafer. Head of the Scientific Committee of the Department of Mathematics, Faculty of Basic Education in the University of Telafer (since 2012). Gain an Appreciation Certification from the Minister of Higher Education to Participate in Higher Education Award Contest in Iraq at 2013.

## Research Interests

Neutrosophic Logic , Neutrosophic Geometric programming , Fuzzy Neutrosophic Relation Equations , Fuzzy geometric Programming , General Geometric programming , Applied of Geometric programming , Geometric Programming , Fuzzy Relation Equations.

## List of Publications in Neutrosophics

Khalid, H. E. ;(2016). The Novel Attempt for Finding Minimum Solution in Fuzzy Neutrosophic Relational Geometric Programming (FNRGP) with (max , min ) Composition. The journal of Neutrosophic Sets and Systems (NSS), Vol. 11: 107-112.

Khalid, H. E. ;(2015). An Original Notion to Find Maximal Solution in the Fuzzy Neutrosophic Relation Equations (FNRE) with Geometric Programming (GP). The journal of Neutrosophic Sets and Systems (NSS), Vol. 7 : 3-8.

*Florentin Smarandache (editor and founder)*  
*Encyclopedia of Neutrosophic Researchers*

Smarandache , F. ; Khalid, H. E. ; Essa, A. K.; Ali M. (2016). The Concept of Neutrosophic Less than or Equal: A New Insight in Unconstrained Geometric Programming. Critical Review (CR). Volume XII : 72-81.

Smarandache , F. ; Khalid, H. E. ; Essa, A. K.; (2016). A New Order Relation on the Set of Neutrosophic Truth Values. Collective book entitled " New Trends in Neutrosophic Theories and Applications " Europa Nova, Brussels.

### List of Un-published works in Neutrosophics

Khalid, H. E.; Essa, A. K. Neutrosophic Precalculus and Neutrosophic Calculus (translating copy from English to Arabic).

Essa, A. K.; Khalid, H. E. , A review on neutrosophic pre-calculus and neutrosophic calculus, offprint .

Essa, A. K.; Khalid, H. E., The Concept of Neutrosophic Convergence , offprint .

### SEMINARS

Neutrosophic Relation Equations via Geometric Programming (2015), Dep. of Math., College of Basic Education, Al-Mustansiriya University.

Fuzzy Geometric Programming (2015), Dep. of Math., College of Science, Al-Mustansiriya University.

Fuzzy Relation Equations with (max-min) operator (2012), Dep. of Math., College of Basic Education / Telafer, Mosul University.

Sensitivity Analysis in Geometric Programming Problems (2009), Dep. of Math., College of Computer Science and Mathematics, Mosul University.