



Biographical Note

Full Name: Huda Esmail Khalid Esmail Al-Jumaily.

Date and Place of Birth: 26/9/1974, Mosul, Iraq.

Religion: Muslim.

Citizenship: Iraqi.

Marital Status: Married.

Current Employment: Professor (Chair of the Department of Scientific Affairs and Cultural Relations, Telafer University)

Specialization: Mathematics (Optimization / Geometric Programming (GP))

Areas of Specialization: Neutrosophic Logic (see the appendix of reference articles in Neutrosophic GP, Fuzzy Relation Equations, Fuzzy Geometric Programming, General Geometric programming, Neutrosophic Geometric Programming, Applied of Geometric Programming, Geometry and Topology.

Institutional Information: Telafer University, Telafer Township, Iraq.

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Scopus URL: <https://www.scopus.com/authid/detail.uri?authorId=57220196657>

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Youtube Channel: Because of the Covid-19 pandemic and the quarantine in Iraq, the E-learning became an essential requirement, therefore I established a YouTube channel, which dedicated to my students containing lectures in mathematics, as well as some advanced lectures to be beneficial for academic lecturers in (Telafer University), all these activities were sponsored by the president of Telafer University (Prof. Dr Abdul-Aziz A. Aziz). Here below the URL of my Channel:

https://www.youtube.com/feed/my_videos

Academic Qualifications

2010	Ph.D. Degree from the Department of Mathematics, Faculty of Computer Science and Mathematics, Mosul University, In the thesis titled: "Investigation in the Sensitivity Analysis of General Geometric Programming Problems"
2001	M.SC. Degree From the Department of Mathematics, Faculty of Computer Science and Mathematics, Mosul University, In the thesis titled: "The Use of Spectral Envelop in the Arabic Poetry Balances"
1998	BA. Degree from the Department of Mathematics, Faculty of Science, Mosul University
2021	Honorary Doctorate dedicated by New Mexico University/ Neutrosophic Science International Association (NSIA)/USA

Teaching Experience

Taught the following courses:

- Calculus: pre, intermediate and advanced.
- Advanced Engineering Mathematics.
- Probability Theory & Statistics.
- Graph Theory.
- Numerical Analysis.
- Mathematical Analysis.
- Linear and Nonlinear Programming.
- History of Mathematics
- MSc. Course Teaching in Advanced Statistics.
- Advanced Statistics for the second grade of undergraduate students.

Academic Activities

- 1- Head of the Neutrosophic Science International Association (NSIA)/ Iraqi branch, where the Headquarter of NSIA is at New Mexico University in the USA.
- 2- An Honorary Membership of Neutrosophic Science International Association as of May 19, 2015.

- 3- Member in Telesio-Galilei Academic of Science, www.telesio-galilei.com/tg/index.php/board-and-members.
- 4- As an Associate Editorial Board member in Journal of Neutrosophic Sets and Systems, <http://fs.gallup.unm.edu/NSS/>
- 5- As an editorial board member in Journal of High Energy Physics, Gravitation and Cosmology, <http://www.scirp.org/journal/jhepgc/>
- 6- As an editorial board member in the International Journal of Neutrosophic Science (IJNS), <http://americaspg.com/journals/show/21>
- 7- As an associate editorial board member in the Neutrosophic Knowledge journal, <http://fs.unm.edu/NK/> .
- 8- Member in the Supreme Advisory Board of the Arab World Federation of the Scientists and Researchers/ California State/ USA.
- 9- An Appreciation Certification from the Minister of Higher Education to Participate in Higher Education Award Contest in Iraq.
- 10- An Appreciation Certification for contribution in the Second Scientific Conference in the College of Computer Science and Mathematics, Mosul University, Iraq.
- 11- An Appreciation Certification for contribution in the Fourth Scientific Conference in the College of Computer Science and Mathematics, Mosul University, Iraq.
- 12- An Appreciation Certification for contribution in the Sixth Scientific Conference (Second International) in the Collage of Basic Education, Mosul University, Iraq.
- 13- A Member of a Working Group to Follow up the National Strategy for the Development of Higher Education in Iraq in the University of Telafer.
- 14- Head of the Scientific Committee of the Department of Mathematics, Faculty of Basic Education in the University of Telafer (2012- So Far).
- 15- Responsible of the Quality Assurance Department in the presidency of Telafer University (2014-2015).
- 16- Choose me as a reviewer for dozens of scientific articles that submitted in many international scientific journals as example:
 - a- the Neural Computing and Applications journal
 - b- African Journal of Mathematics and Computer Science Research
 - c- Cognitive Systems Research journal / Elsevier
 - d- Neutrosophic Sets and Systems / New Mexico University/ USA.
 - e- International Journal of Fuzzy System Applications (IJFSA).
 - f- IGI global publishing house.

- 17- Committee member of National Institutional Accreditation and International Rankings for Iraqi universities / Telafer University.
- 18- Dozens of Seminars, Symposiums held in both College of basic education, Nursing College of Telafer University.

Published Articles

The article title	Name of Journal	Date of publish
An Original Geometric Programming Problem Algorithm to Solve Two Coefficients Sensitivity Analysis	The American Journal of Engineering and Applied Sciences, Science Publication, New York	2009
An alternative geometric programming algorithm to solve two coefficient sensitivity analysis problems	Australian Journal of Basic and Applied Sciences, Australia.	2009
An Alternative Computational technique to Study the sensitivity analysis SPP	Iraqi Journal of Statistical Science	2010
Multi-Objective GPP with General Negative Degree of Difficulty: New Insights	Iraqi Journal of Statistical Science	2011
On Multi-Objective Geometric Programming Problem with Negative Degree of Difficulty	Iraqi J. of Statistical Science, Mosul, Iraq.	2012
A Generalized Increment Analysis in Geometric Programming Problems	The Six-th Scientific Conference of the College of Basic Education, Mosul University, Iraq	2013
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, Vol. 7 New Mexico University	2015
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, Vol. 11 New Mexico University	2016
The Concept of Neutrosophic Less than or Equal: A New Insight in Unconstrained Geometric Programming	Critical Review. Volume XII, 2016 Center for Mathematics of Uncertainty Creighton University	2016
A New Order Relations on the Set of Neutrosophic Truth Values	Book chapter in (New Trends in Neutrosophic Theories and	2016

	Applications), Publisher of the book: Europa Nova, Brussels.	
A Neutrosophic Binomial Factorial Theorem with their Refrains	The journal of Neutrosophic Sets and Systems, Vol. 14 New Mexico University	2016
The Basic Notions for (over, off, under) Neutrosophic Geometric Programming Problems	The journal of Neutrosophic Sets and Systems, Vol. 22 New Mexico University	2018
Geometric Programming Dealing with Neutrosophic Relational Equations Under the (Max-Min) Operation	Book chapter in (Neutrosophic Sets in Decision Analysis and Operations Research IGI Global)	2019
المصفوفات الضبابية النيوتروسوفية المستطيلة	مجلة كلية التربية الاساسية / جامعة الموصل	2019
The Concept of Neutrosophic Limits in Real Sequences	International Journal of Neutrosophic Science (IJNS)	2020
Neutrosophic Geometric Programming (NGP) with (max-product) Operator, An Innovative Model	The journal of Neutrosophic Sets and Systems, Vol. 32 New Mexico University	2020
Neutrosophic Geometric Programming (NGP) Problems Subject to (V, .) Operator; the Minimum Solution	The journal of Neutrosophic Sets and Systems, Vol. 32 New Mexico University	2020
The Algebraic Creativity in The Neutrosophic Square Matrices	The journal of Neutrosophic Sets and Systems, Vol. 40 New Mexico University	2021
The Duality Approach of the Neutrosophic Linear Programming	The journal of Neutrosophic Sets and Systems, Vol. 46 New Mexico University	2021
The Concept Of "Neutrosophic", a Review	Neutrosophic Knowledge, Vol. 2, New Mexico University	2021
Telafer University's Experiment in E-learning as Vague Neutrosophic Experiment	The journal of Neutrosophic Sets and Systems,	2021
Existence Explanation of the Terrorist Sects Through the Concepts of the Neutrosophic Theory / ISIS as a Model	Neutrosophic Knowledge, New Mexico University	2021

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projects:

- Administrate of the National Scientific symposium that was held at March 15, 2018, this forum entitled " Neutrosophic Logic: The Revolutionary logic in Science and Philosophy ", this symposium was in collaborating between New

Mexico University and Telafer University under sponsoring of Neutrosophic Science International Association (NSIA).

- Leading a project of translating the most important books in Neutrosophic Logic from English to the Arabic language, this project doing with participating Eng. Ahmed K. Essa. The permission has been getting from the author of those books (Prof. Florentin Smarandache/ New Mexico University).
- Publishing two books in mathematics entitled: “Neutrosophic Pre-calculus and Neutrosophic Calculus”, “Neutrosophic Logic: The Revolutionary Logic in Science and Philosophy”
- Translate a book entitled “مبادئ التفاضل والتكامل النيوتروسوفي و حساب التفاضل و التكامل النيوتروسوفي” from English to Arabic language.2016
- Translate a book entitled “مقدمة في الاحصاء النيوتروسوفي” from English to Arabic language.2020

Huda E.

Prof. Dr. Huda Esmail Khalid
Oct. 25, 2021

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