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Personal information

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Address:	Abu Salim - Tripoli		
Name	Nagah A. Elbhilil		
Academic degree:	Lecturer	Specialization	Mathematics

Profile

A faculty member with more than 13 years of experience in mathematics. Interested in analyzing data and solving problems mathematically, with great attention to detail and a strong ability to work under pressure, within a team, and to help my colleagues. I also have extensive experience in supervising undergraduate graduation projects.

Date of joining the university:

2010 - 2016	Faculty of Education, Tripoli
2016 – present	Faculty of Science

Education:

2009	Master of Science in Mathematics, Faculty of Science, University of Tripoli, Libya
2002	Bachelor's of Science in Mathematics, Faculty of Science, University of Tripoli, Libya

SKILLS

- Proficient in Microsoft Office (Word, Excel, PowerPoint).
- Good use of MATLAB.

Languages :

- Arabic.
- English.

Teaching experience:

Teaching students in the following:

- Faculty of Information Technology
- Faculty of Agriculture
- Faculty of Education, Tripoli
- Faculty of Engineering
- Faculty of Science

Courses taught:

- Mathematics 1 - Mathematics 2 - Mathematics 3
- Plane analytical geometry
- Linear algebra 1 - Linear algebra 2
- Ordinary differential equations 1 - Ordinary differential equations 2
- Real analysis 1 - Real analysis 2
- Complex analysis 1
- Vector analysis and surface geometry
- set theory - Discrete mathematics

Publications:

- **ISSUES ON FUZZY CONCEPTS**
4. INTERNATIONAL NEW YORK ACADEMIC RESEARCH CONGRESS
JANUARY 15-16, 2022 , <https://www.newyorkcongress2022.com>
- **Axioms of Countability Via Preopen Sets**
Available online at www.worldscientificnews.com
WSN 152 (2021) 111-125 EISSN 2392-2192
- **Enhancing Information Security and Cryptography Efficiency with the Kushare Transform**
Faculty of Education journal -July 2024-Volume :3-Issue:2
<http://journal.su.edu.ly/index.php/edujournalj/index>
DOI: <https://doi.org/10.37375/foej.v3i2.2827>
- **On the Numerical Solution Of Schrodinger Equation**
Published: June 20, 2022
Volume 19, Issue 1 available at www.scitecresearch.com/journals/index.php/jprm
Journal of Progressive Research in Mathematics E-ISSN: 2395-0218
- **دراسة تأثير مستوى المعيشة على جودة التحصيل العلمي لطلبة التعليم الجامعي باستخدام الذكاء الاصطناعي (الاستدلال الضبابي)**
SEBHA UNIVERSITY JOURNAL OF PURE & APPLIED SCIENCES VOL.22 NO. 3 2023
Journal homepage: www.sebhau.edu.ly/journal/index.php/jopas
- **Abaoub -Shkheam Transform Techniques to Solve Volterra Integral and Volterra Integro-Differential Equations**
African Journal of Advanced Pure and Applied Sciences (AJAPAS) , Online ISSN: 2957-644X
Volume 2, Issue 4, October-December 2023, Page No: 254-260