

Academic Curriculum Vitae



Personal Information:

Full Name: Maher Ali Nawkhass
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Education:

- 2020 – 2023 (Ph.D. in Optimization – Applied Mathematics). Department of Mathematics, College of Education, Salahaddin University - Kurdistan Region - IRAQ.
- 2012-2014: (M.Sc. in Optimization). Department of Mathematics, College of Education, Salahaddin University - Kurdistan Region - IRAQ.
- 2004-2008: (B.Sc. in Mathematics). Department of Mathematics, College of Education, Salahaddin University - Kurdistan Region - IRAQ.

Employment:

- 2009- 2015 Assist researcher, Mathematics Department, College of Education/ Salahaddin University, Erbil, IRAQ.
- 2015- 2023 Assist Lecturer
- 2024- until now Lecturer
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Qualifications

- Teaching qualifications
- IT qualifications
- Language qualifications such as ITP, certificate of completion of language center, Password (Iano center).

Teaching experience:

- Matlab
- ODE
- Numerical engineering
- Fanatical math
- Numerical analysis (Lab)
- Finite Mathematics

Research and publications

- Suleiman, N.A. and Nawkhass, M.A., 2013. Transforming and solving multi-objective quadratic fractional programming problems by optimal average of maximin & minimax techniques. *American Journal of Operational Research*, 3(3), pp.92-98.
- Sulaiman, N.A. and Nawkhass, M.A., 2015. Using Short-Hierarchical Method to Solve Multi-Objective Linear Fractional Programming Problems. *Journal of Garmian University*, 3.
- Suleiman, N.A. and Nawkhass, M.A., 2013. A new modified simplex method to solve quadratic fractional programming problem and compared it to a traditional simplex method by using pseudoaffinity of quadratic fractional functions. *Applied Mathematical Sciences*, 7(76), pp.3749-3764.
- Nawkhass, M.A. and Sulaiman, N.A., 2022. Symmetric fuzzy approach to solve complementary multi-objective linear fractional programming problem. *International Journal of Nonlinear Analysis and Applications*.
- Nawkhass, M.A. and Sulaiman, N.A., 2022. Using Geometric Arithmetic Mean to Solve Non-linear Fractional Programming Problems. *International Journal of Applied and Computational Mathematics*, 8(5), p.217.
- Nawkhass, M.A. and Sulaiman, N.A., 2022. Modify Symmetric Fuzzy Approach to Solve the Multi-Objective Linear Fractional Programming Problem. *International Journal of Fuzzy System Applications (IJFSA)*, 11(1), pp.1-17.
- Nawkhass, M.A. and Sulaiman, N.A., 2022. Solving of the Quadratic Fractional Programming Problems by a Modified Symmetric Fuzzy Approach. *Ibn AL-Haitham Journal For Pure and Applied Sciences*, 35(4), pp.241-245.
- Nawkhass, M., 2017. Finding The Revenue Average By Using Linear Programming Problems.
- Sulaiman, N.A. and Nawkhass, M.A. (2017) Using Standard Division to Solve Mul-ti-Objective Quadratic Fractional Programming Problem. *Journal of Zankoy Sulaimani*, 18, 157-163.
<https://doi.org/10.17656/jzs.10544>
- Nawkhass, M.A., 2014. *On Solving Quadratic Fractional Programming Problems* (Doctoral dissertation, M. Sc. Thesis, Salahaddin university Erbil-Iraq)
- Sulaiman, N.A. and Nawkhass Maher, A., 2013. A new modified simplex method and compared it to a traditional simplex method by using pseudoaffinity of quadratic fractional function. *Applied Mathematical Sciences*, 7(76), pp.3749-3764.

Conferences and courses attended

- 1st International Conference of Mathematics and its Applications 2019

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Funding and academic awards

- List any bursaries, scholarships, travel grants or other sources of funding that you were awarded for research projects or to attend meetings or conferences.

Professional memberships

- List any membership you hold of any professional body or learned society relevant to your research or other life activities.

Professional Social Network Accounts:

- https://www.researchgate.net/profile/Maher-Nawkhass?ev=hdr_xprf
- <https://scholar.google.com/citations?user=nnGndcYAAAAJ&hl=en&authuser=1>
- <https://orcid.org/my-orcid?orcid=0000-0002-3020-1968>
- <https://researchid.co/rid55787>
- [Scopus Author ID: 55803041300](#)
- <https://www.webofscience.com/wos/author/record/ITT-9988-2023>

It is also recommended to create an academic cover letter for your CV, for further information about the cover letter, please visit below link:

<https://career-advice.jobs.ac.uk/cv-and-cover-letter-advice/academic-cover-letter/>