

Republic of Iraq  
Ministry of Higher Education and Scientific Research  
University of Al-Muthanna  
College of Education for Pure Science  
Department of Mathematics



## CURRICULUM VITA



### Personal Information

**Name:** Dr. Hajem A. Daham  
**Institute:** Al-Muthanna University, Iraq  
**E-mail:** [hajem.daham@mu.edu.iq](mailto:hajem.daham@mu.edu.iq)  
**Mobel:** +9647816614752  
**Place and Birth Date:** Samawa – 1974  
**Gender:** Male  
**Nationality:** Iraqi

### EDUCATION

PhD in Operational Research, Department of Mathematical Science, University of Essex, UK

Master in Operational Research, Department of Statistics, University of Baghdad, Iraq

B.Sc. in Statistic, Department of Statistics, University of Al Qadisiyah, Iraq

### RESEARCH INTERESTS

My research interest is focusing on assignment, scheduling, vehicle routing problems, transportation and combinatorial optimization problems.

### EXPERIENCE

- Lecturer: College of Education for Pure Science, Al-Muthanna University, Iraq

- Lecturer: College of Economics and Administration, Al-Muthanna University, Iraq
- Ass. Lecturer: College of Economics & Administration, Al-Muthanna University, Iraq

### **Software**

MPL – CPLEX  
 Matlab  
 Latex

### **PROFESSIONAL DEVELOPMENT AND TRAINING AND COURSES**

Course of Combinatorial and Optimization  
 Thesis Writing: Planning for Reading & Writing  
 Advanced presentation skills  
 Time Management training  
 Research Methods training  
 GTA Induction training (Graduate Teaching Assistant induction)  
 Academic Pre sessional course  
 English Language course

### **PROFESSIONAL MEMBERSHIPS**

- Membership in the Operational Research Society, the UK
- Member of the National Associates Network / Statistics and Operational Research Centre for Doctoral Training / Lancaster University, the UK
- Membership in the International Association of Engineers (IAENG)

### **POSITIONS OF RESPONSIBILITY IN DEPARTMENTS**

- Head Department of Mathematics, College of Education for Pure Sciences, Al-Muthanna University, Iraq: 2020-present.
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- Division Officer of Academic performance & Quality Assurance, College of Economics & Administration, University of Al-Muthanna, Iraq
- Assistant of Head Department of Academic performance & Quality Assurance, Al-Muthanna University, Iraq

## Academic Accounts

Research Gate: [https://www.researchgate.net/profile/Hajem\\_Daham](https://www.researchgate.net/profile/Hajem_Daham)

Google Scholar:

<https://scholar.google.co.uk/citations?user=xWYUTd8AAAAJ&hl=en&oi=ao>

Publons: <https://publons.com/dashboard/summary/>

ORCID: <https://orcid.org/my-orcid>

Linkedin: <https://www.linkedin.com/in/hajem-daham-0ab6b5b5/>

## PUBLICATIONS

- 10- Hajem A. Deham, (2022). [Neutrosophic Discrete Facility Location Problems](#) , International Journal of Neutrosophic Science, Volume 19 , Issue 1, PP: 29-47 , 2022.
- 9- Ali Sadiq Mohommed Bager Hajem A. Daham, Kadhem Al-Daffaie ,. [Data envelopment analysis based robust regression for assessing healthcare systems of eastern mediterranean](#). International Journal of Health Sciences, Volume 6, Issue S3.
- 8- Abo-Alsabeh, R., Daham, H.A. and Salhi, A., 2022. [A Heuristic Approach to the Consecutive Ones Submatrix Problem](#). *Baghdad Science Journal*, pp.0189-0189.
- 7- Mohammed, H.J. and Daham, H.A., [Analytic Hierarchy Process for Evaluating Flipped Classroom Learning](#). *Computers, Materials & Continua*, Vol.66, No.3, 2021, pp.2229-2239, doi:10.32604/cmc.2021.014445
- 6- Yang, X., Daham, H.A. and Salhi, A., 2021. [Combined strip and discharge delivery of containers in heterogeneous fleets with time windows](#). *Computers & Operations Research*, 127, p.105141.
- 5- Abo-Alsabeh, R., Daham, H.A. and Salhi, A., 2020, December. [An Evolutionary Approach for Solving the Minimum Volume Ellipsoid Estimator Problem](#). In *International Conference on Innovations in Bio-Inspired Computing and Applications* (pp. 23-31). Springer, Cham.
- 4- Kadhem, S.K. and Dahamb, H.A., 2020. [Modified information criteria for selecting a finite mixture model](#). *Muthanna Journal of Administrative and Economic Sciences*, 10(2).

- 3- Yang, Xinan & Hajem A. Daham (2020). [A column generation-based decomposition and aggregation approach for combining orders in inland transportation of containers.](#) *OR Spectrum*:42(1), 261-296.
- 2- Hajem A. Deham, Yang, X., & Warnes, M. K. (2017). [An efficient mixed integer programming model for pairing containers in inland transportation based on the assignment of orders.](#) *Journal of the Operational Research Society*, 68(6), 678-694.
- 1- Hajem A. Daham, Suhail N. Abdullah (2013). [Management of Fuzzy Earned Value with Real Implementation.](#) Journal of Economic and Administration Faculty, University of Almutanna, Iraq.

## CONFERENCES & WORKSHOPS

Rewayda Abo-Alsabeh, Hajem Ati Daham, Abdellah Salhi (2021). [An Evolutionary Approach for Solving the Minimum Volume Ellipsoid Estimator Problem.](#) International Conference on Innovations in Bio-Inspired Computing and Applications : Innovations in Bio-Inspired Computing and Applications pp 23-31

Ali Sadiq M. Baqer, Hajem A. Daham (2020). [Stepwise regression model for study the unemployment rate in Iraq.](#) The 13th International Management Conference, Management Strategies for High Performance” 31 Oct - 1 Nov. 2019, Bucharest, Romania.

Hussam J. Mohammad, Hajem A. Deham (2020). [The effect of perceived service quality on guest loyalty in Iraq hotel industry.](#) The APMAA Annual Conference, Doha, Qatar.

Hajem A. Daham (2018). [A Heuristic Decomposition based on Column Generation Approach for Combining Orders in Inland Transportation of Containers.](#) EGL’2018 Workshop on Optimisation, Applied and Numerical Mathematics, Department of Mathematical Sciences, University of Essex, UK.

Hajem A. Deham, Yang, X. (2016). [An efficient mixed integer programming model for pairing containers in inland transportation based on the assignment of orders.](#) The OR Society OR58 Annual Conference Sept (2016) University of Portsmouth, UK.