

Academic Curriculum Vitae



Personal Information:

Full Name: Ivan Subhi Latif
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Education:

- 2003-2007: : (Ph.D. in Numerical Optimization). Department of Mathematics, College of Science, Salahaddin University - Kurdistan Region - IRAQ.
- 1998-2000: (M.Sc. in mathematical statistics). Department of Mathematics, College of Science, Salahaddin University - Kurdistan Region - IRAQ.
- 1991-1995: (B.Sc. in Mathematics). Department of Mathematics, College of Education, Salahaddin University - Kurdistan Region - IRAQ.

Employment:

- 1995- 2000 Assist researcher, Mathematics Department, College of Education/ Salahaddin University, Erbil, IRAQ.
- 2000- until now Mathematical Lecturer, Mathematics Department, College of Education/ Salahaddin University, Erbil, IRAQ.

Qualifications

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

Teaching experience:

- Numerical Analysis
- Probability and Statistic
- Graph Theory
- Numerical Analysis (Lab)
- Mathematical Statistic

Research and publications

- Chawsheen, A.H. and Subhi Latif, I., 2006. Detection and treatment of outliers in data sets. *IRAQI JOURNAL OF STATISTICAL SCIENCES*, 6(1), pp.58-74.
- Al-Bayati, A.Y. and Latif, I.S., 2012. A New CG-Algorithm with Self-Scaling VM-Update for Unconstrained Optimization. *Applications and Applied Mathematics: An International Journal (AAM)*, 7(1), p.16.
- AL-Bayati, A.Y. and Latif, I.S., 2010. A Modified Super-linear QN-Algorithm for Unconstrained Optimization. *Iraqi Journal of Statistical Science*, 18, pp.1-34.
- Sadraddin, E.L. and Latif, I.S., 2023. A Matrix Form of Spectral Scaling in Quasi-Newton Algorithm. *Palestine Journal of Mathematics*, 12.
- Mohammed, L.J. and Latif, I.S., 2022. An Accelerated Three Term Efficient Algorithm for Numerical Optimization. *Journal of University of Babylon for Pure and Applied Sciences*
- Ivan Subhi Latif Evar Lutfalla Sadraddin., 2022. A new direction search of hybrid quasi-Newton. *Indonesian Journal of Electrical Engineering and Computer Science* 21(1) 538-545.
- Al-Baali, M. and Latif, I.S., 2022. Combined Conjugate Gradient and Quasi-Newton Methods for Unconstrained Optimization. *Journal of Iraqi Al-Khwarizmi*, 6(2).
- Latif, I.S., Optimal Formula about Ordering the Random Variables Problem.
- Latif, I.S., 2014. A new Combining Algorithm and Its Global Convergence for Unconstrained Optimization Problem. *Journal of Basrah Researches ((Sciences))*, 40(2).
- Al-Bayati, A.Y. and Latif, I.S., 2012. A New Preconditioned Inexact Line-Search Technique for Unconstrained Optimization. *AL-Rafidain Journal of Computer Sciences and Mathematics*, 9(2), pp.25-39.
- LATIF, I.S., 2010, December. GLOBAL CONVERGENCE OF THE QUASI NEWTON BFGS ALGORITHM WITH NEW NONMONOTONE LINE SEARCH TECHNIQUE. In *2 nd Meeting on Optimisation Modelization and Approximation* (Vol. 3, No. 4, pp. 95-106).
- Latif, I.S. and Al-Bayati, A.Y., 2010. An Efficient Line Search Algorithm for Large Scale Optimization. *AL-Rafidain Journal of Computer Sciences and Mathematics*, 7(1).
- Y AL-Bayati, A., 2009. A Modified estimation for the steplength of a descent nonlinear algorithm. *Kirkuk University Journal-Scientific Studies*, 4(2), pp.94-107.
- Latif, I.S., 2006. A new Type of Preconditioned CG-Algorithm with Exactly Descent Condition for Solving Non-linear Unconstrained Optimization Abbas Y. AL-Bayati.

Conferences and courses attended

- The first Iraqi-French mathematics conference - college of science, Salahaddin University/Erbil - 14-18,2009
- International Conference on Mathematical Modelling - Sultan Qaboos University-college of science- Department of Mathematics and statistics - February 23-26,2009

- The third International conference on Numerical and Optimization - Sultan Qaboos University-college of science-Department of Mathematics and statistics - January 5-9,2014

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://scholar.google.com/citations?user=Is93FZMAAAAJ&hl=en>
- <https://www.researchgate.net/profile/Ivan-Latif>

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/>