Alaa Fahim Mohamed Fahim

Assiut,Egypt.

E-mail: alaa@aun.edu.eg

Personal Data

Occupation : Lecture, Mathematics Department, Faculty of Science, Assiut University

Mail Address: Mathematics Department, Faculty of Science, Assiut University, Assiut 1516, Egypt

Education

Ph.D in Scientific Computing, Faculty of Science, Assiut University, Assiut, Egypt, 2015.

Master in Scientific Computing, Faculty of Science, Assiut University, Assiut, Egypt, 2011.

B.Sc.in Maths, Faculty of Science, Assiut University, Assiut, Egypt, 2005.

Education

2015-Till now Lecture, Faculty of Science, Mathematics Department, Assiut university.

2011-2015 assistant lecture, Faculty of Science, Mathematics Department,Assiut university**.**

2005-2011 Demonstrator, Faculty of Science, Mathematics Department,Assiut University

Skills

Computer Skills:

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- Programming Languages: Fortran, Mathematica, Matlab and SPSS.

- Applications: Microsoft office and Latex.
- International Computer Driving License(**ICDL**).
- Extra computer course: Maintenance course (A+) and Web design.

Language Skills:
- **Arabic :** Native Language.
- **English:** good Knowledge.

TEACHING AND RESEARCH INTERESTS

Skills

- Numerical Analysis
- Programming Language (FORTRAN- MATHEMATICA- MATLAB)
- Scientific Computing Using MATLAB.
- SPSS Software.
- Differential Equations.
- Calculus.
- Artificial Intelligent.
- Algorithms,
- Operations Reaserch.

Publications

Skills

- Alaa Fahim, Abdel-Rahman Hedar," Hybrid Scatter Search for Integer Programming Problem". IEEE, 2014.
- Abdel-Rahman Hedar, Alaa Fahim, "Filter-based genetic algorithm for mixed variable programming", Numerical Algebra, Control and optimization, PP 99-116, 2011.