

Curriculum Vitae

A. Abdelsamee

Name: Amr Abdelsamee Galal Abdelhafez.

Nationality: Egyptian.

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Educational Qualifications

- **2013: M.Sc.** in Computer Science, Faculty of Science, Assiut University, Egypt. **Thesis title:** "Design Hybrid Parallel Meta-Heuristics for High Dimensional Problems".

- **2007: B.Sc.** in Computer Science with grade of "Very Good with Honor (82.51%)", Faculty of Science, Assiut University, Egypt.

Fields of Interest

Parallel and Distributed computing, Meta-Heuristics, Image Processing.

Academic Career

- **2007, till 2012:** Teaching assistant of Computer Science in Mathematics Department, Faculty of Science, Assiut University - Egypt.

- **2013, till Now:** Assistant Lecturer of Computer Science in Mathematics Department, Faculty of Science, Assiut University - Egypt.

Computer Skills

1. Programming: C/C++/MPI, Matlab, Visual Basic.Net, Java.
2. ICDL ver.4.0.

3. Excellent ability to use Mathematica and Photo editing programs.
4. Operating systems: Linux (Red Hat Enterprise 5, Fedora, centos), Windows (XP, 7, 8).
5. Document preparation: Latex, MS Word 07,13.

Languages

1. **English: Very Good [IELTS, Overall: 6].**
2. **French : Poor spoken and written.**

Teaching Experience

- **2007, till now:** Participation in teaching, giving regular exercises sessions and practical exercises, preparation and evaluation of mid-term examinations for undergraduate, summer training in Parallel computing field.

Contribution to teach the following courses and not limited to:

1. Data Structure.
2. C/C++ Programming Language / MPI.
3. Introduction to algorithms.
4. Parallel programming.
5. Matlab, Basic and FORTRAN Languages.
6. Algebra (Introductory).
7. Advanced Calculus.

Publications

- 1- **Amr Abdelsamee, Ahmed Fouad Ali, Abdel-Rahman Hedar: “Design of a Hybrid Parallel Genetic Algorithm Based on Modified Master-slave Model with Population Partitioning for High Dimensional Problems”, The 3rd Scientific Conference for Young Researchers Basic Science & Technology, 2011, Egypt.**
- 2- **Abdel-Rahman Hedar, Amr Abdelsamee, Ahmed Fouad Ali, Sherif Tewfik : “Advanced Parallel Genetic Algorithm with Gene matrix for Global Optimization”, AMLTA 2012, CCIS 322, pp. 295–303, 2012.**
- 3- **Amr Abdelsamee, Abdel-Rahman Hedar: “Enhanced Variable neighborhood search for High dimensional Optimization problems”, 2014, Submitted.**
- 4- **Amr Abdelsamee, Abdel-Rahman Hedar: “ Parallel Variable Neighborhood Search based on Domain Decomposition for High dimensional problems”, 2014, Submitted.**