

WALAA ATA AHMED ALY

Assistant Professor

Education:

- Ph.D. Computer Science and Engineering, Kyushu University, Japan, 2010.
- M.Sc Computer Science and Engineering, Faculty of Engineering, Aswan University, Egypt, 2006
- B.Sc. Electrical Engineering (Major: Computer and Control Engineering), Faculty of Engineering, Aswan University, Egypt, 2000

Academic Experience:

- Academic Appointment – Majmaah University
2017 Assistant Professor, Computer Engineering Department
- Academic Appointment – Aswan University
2010 Assistant Professor, Electrical Engineering Department
- Academic Appointment – Aswan University
2000 Teaching Assistant, Electrical Engineering Department

Non-Academic Experience:

- Member of Electrical Engineering department council, Faculty of Engineering, Aswan University
- Member in the team of the developing and accrediting of Computer Engineering Program in the faculty of Engineering, Aswan University, 2016
- Member in the engineering consultant office of the faculty of Engineering

Certifications or Professional Registrations:

Current Membership in Professional Organizations:

- Egyptian Engineering Syndicate

Honors and Awards:

- Scientific publishing award from Aswan university, 2015, 2016
- Ph.D. Scholarship to study Ph.D in Japan from Fukuoka city.
- Visiting Researcher at Tsukuba University, Japan in the period from March. 2014 till September 2014.

Service Activities (within and outside of the institution):

- Academic Advisor, CCIS Majmaah University

Most Important Publications and Presentations (Past five years):

1. **Walaa Aly**, Seiichi Uchida and Masakazu Suzuki, "Extract Baseline Information Using Support Vector Machine", Proceedings of The 9th Asian Symposium on Computer Mathematics, 2009.12.
2. **Walaa Aly**, Seiichi Uchida, and Masakazu Suzuki, "Automatic Classification of Spatial Relationships among Mathematical Symbols Using Geometric Features," IEICE Trans. Information Systems, vol. -D, 2009.11.
3. **Walaa Aly**, Seiichi Uchida, Akio Fujiyoshi and Masakazu Suzuki, "Statistical classification of spatial relationships among mathematical symbols", *Proceedings of The 10th International Conference on Document Analysis and Recognition*, 2009.07.
4. **Walaa Aly**, Seiichi Uchida, and Masakazu Suzuki, "Identifying subscripts and superscripts in mathematical documents" ,Mathematics in Computer Science, 2008.12.
5. **Walaa Aly**, Seiichi Uchida, and Masakazu Suzuki, "A Large-Scale Analysis of Mathematical Expressions for an Accurate Understanding of Their

Structure", Proceedings of the Eighth International Workshop on Document Analysis Systems, 2008.09.

6. Samir, A., **Walaa Ata** and N. Darwish, "A new Technique for Automatic Text Categorization for Arabic Documents", fifth IBIMA conference The internet and information technology in modern organizations December 13- 15, 2005, Cairo, Egypt.