



Tamer Hashim Faraj Hanafy

Assistant Professor

Personal Data

Nationality | Egyptian

Date of Birth | 30 Sep 1975

Department | MIS

Official UoD Email | thhanafy@uod.edu.sa

Office Phone No. | none

Language Proficiency

Language	Read	Write	Speak
Arabic (mother tongue)			
English	v. good	v. good	v. good
Others (Japanese)	basic	basic	bsic

Academic Qualifications (Beginning with the most recent)

Date	Academic Degree	Place of Issue	Address
1997	BSc	Cairo	Cairo university, Faculty of Science
2002	MSc	Cairo	Cairo university, Faculty of Science
2009	PhD	Okayama	Okayama Univ. Graduate sch. Of Net. Sci. & Tech.

PhD, Master or Fellowship Research Title: (Academic Honors or Distinctions)

PhD	A study of Access Points allocation in indoor environment and security issues for wireless mesh networks
Master	Multi-receiver authentication codes: models, bounds and constraints
Fellowship	

Professional Record: (Beginning with the most recent)

Job Rank	Place and Address of Work			Date
Assist Prof	Cairo	Cairo Univ.	Faculty of Science	12/2010
Assist Lect.	Cairo	Cairo Univ.	Faculty of Science	11/1997



Scientific Achievements

Published Refereed Scientific Researches

(In Chronological Order Beginning with the Most Recent)

#	Name of Investigator(s)	Research Title	Publisher and Date of Publication
1	Tamer Hashem Farag, Reem Farag	Comparative Simulations for SARA and AODV Routing Algorithms in Ad hoc Network using NS2	International Journal of Computer Applications 2016 June
2	Sweilam, N. H., Nagy, A. M., Farag, T. H., & Abo-Elyazed, A. S.	Comparative Studies for Different Image Restoration	Mathematical Sciences Letters 2015 May
3	T Farag , N Funabiki, T Nakanishi	An Access Point Allocation Algorithm for Indoor Environments in Wireless Mesh Networks	2009 March IEICE Transactions on Communications

Scientific Research Papers Presented to Refereed Specialized Scientific Conferences

#	Name of Investigator(s)	Research Title	Conference and Publication Date
1	Reem Farag , Tamer Farag	Comparative Study of Two On-Demand Ad Hoc Routing Algorithms Using NS2 Simulator	International Conference for Mathematics and Applications (ICMA15) DEC. 2015 ,Cairo, Egypt
2	Tamer Farag, Nobuo Funabiki, Walaa Hassan	A Study of Access-Point Allocation Algorithm for Scalable Wireless Mesh Networks in Indoor Environments	NS2014-102
3	Tamer Farag, Nobuo Funabiki, Walaa Hassan	Throughput evaluations using NS-2 for access-point aggregation algorithm in IEEE802.11n wireless LANs	NS2014-20
4	Farag, T., and A. Hassan,	A New Affinity Function for Fuzzy Connectedness Image Segmentation	New horizons in basic and applied science (ICNHBAS), hurghada, 2013.

Current Researches

#	Research Title	Name of Investigator(s)
1	Modified Absolute Fuzzy Connectedness Based Segmentation Algorithm	T. H. Farag, H. A. Ayad, W. A. Hassan, A. S. AlBahussain, U. A. Badawi ¹ , M. K. Alsmadi



Teaching Activities

Undergraduate

#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
1	System analysis and design	MIS332	lecture
2	Data structure and file processing	MIS223	lecture

Brief Description of Undergraduate Courses Taught: (Course Title – Code: Description)

1	Programming 1
2	Database design
3	Operating systems
4	Computer security
5	Web page design

Supervision of Master and/or PhD Thesis

#	Degree Type	Title	Institution	Date
1	MSc	Comparative Studies and Developments of Different Methods for Image Restoration	Cairo university	2014
2	MSc	Investigation and Integration of Fuzzy Connectedness Based Image Segmentation Frameworks	Cairo university	2015
3	MSc	Routing Algorithms over Ad Hoc Wireless Networks	Cairo university	2016

Administrative Responsibilities, Committee and Community Service (Beginning with the most recent)

Committee Membership

#	From	To	Position	Organization
	2002	now	Prof. member	ACM
	2005	now	Prof. member	IEEE

Personal Key Competencies and Skills: (Computer, Information technology, technical, etc.)

1	Network admin
2	

Last Update

...../...../2016