

## Curriculum Vitae

**Prof. Dr.**

Department of Telecom. Eng  
 Faculty of Engineering, Egyptian Russian University  
 Badr City, Cairo-Suez Road, Postal Code 11829  
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 URL: // eru.edu.eg



### 1. Personal Information

**First Name / Sure Name:** Abdallah Mohamed Elramsisi

**Date of Birth:** 08-05-1952

**Address:** , Cairo, Misr Elgidida, 18 Asswan street, 4 Elsherief Towers, 3/4

**Nationality:** Egyptian

**Phone:** +2 0100 1984723

**E-mail:** [elramsisia@gmail.com](mailto:elramsisia@gmail.com), [abdallah-elramsisi@eru.edu.eg](mailto:abdallah-elramsisi@eru.edu.eg)

**Gender:** M

### 2. Education

	Name of Organization Providing Education	Principle Subject	Dates	
			From	To
<b>PhD</b>	School of Engineering and Computer Science, Oakland University, Rochester, Michigan, USA.	Intelligent Multi-dimensional Signal Processing	<b>1986</b>	<b>1990</b>
<b>Thesis Title:</b> "A Joint Domain Neural Net Approach for Image Representation and Classification."				
<b>MSc.:</b>	Faculty of : Faculty of Engineering, Cairo University,	Optical Communications,	<b>1983-</b>	<b>1985</b>
<b>Thesis Title:</b> "Bit Synchronization in an Optical Fiber Environment".				
<b>BSc. : BSEE,</b>	Faculty of : Military Technical College, Cairo,	Communications and Radio Navigation	<b>1970-</b>	<b>1975</b>

### 3. Professional Experience

Occupation	Name & Address of Employer	Main Activities & Responsibilities	Dates

<b>PhD, Lecturer</b>	Egyptian Russian University ERU, College of Engineering, Communication Eng. Dept.	<b>Teaching, Manager of QA unit Teaching</b>	<b>From</b>	<b>To</b>
			<b>2014</b>	<b>now</b>
<b>Assistant professor</b>	<b>Yanbu University College, Royal commission for Jubail and Yanbu,</b>	<b>Teaching, Head of Management Information System (HOD MIS ) Department</b>	<b>From</b>	<b>To</b>
			<b>2009</b>	<b>2014</b>
<b>Chief of AF R&amp;D Department , Visiting professor</b>	<b>Egyptian Air force Zagazeeg University</b>	management and supervision (and participation in) of different R&D projects in <b>Aviation application fields , Major General, program manager</b>	<b>From</b>	<b>To</b>
			<b>2003</b>	<b>2008</b>
<b>QA Director of Aviation Equipment Department - Visiting Professor</b>	<b>Egyptian Air force Zagazeeg University</b>	<b>QA auditing, Teaching :</b>	<b>From</b>	<b>To</b>
			<b>2002-</b>	<b>2003</b>
<b>Commander of Research and Development (R&amp;D) Aviation Systems Center, -Head of Software Testing Branch, R&amp;D Software Center, -Visiting Professor, Sadat Academy for Management sciences.</b>	<b>Egyptian Air force Zagazeeg University</b>	<b>Supervision and participation in R&amp;D projects</b>	<b>From</b>	<b>To</b>
			<b>1996-</b>	<b>2001</b>
<b>Adjunct Professor Head of Avionics Branch, Air Force R&amp; D Aviation Systems Center</b>	College of Engineering and Computer Science, University of Detroit, Detroit, Michigan, USA,	Teaching, Research	<b>From</b>	<b>To</b>
			<b>1986</b> <b>1990</b>	<b>1990</b> <b>1996</b>

<b>Visiting professor</b>	<b>Egyptian Air force Sadat Academy, Zagazeeg university</b>			
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#### 4. Discipline

<b>General Discipline</b>	<b>Communication Engineering</b>	<b>Principal Subject</b>	<b>MultiDimensional signal processing,</b>
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#### 5. Teaching Experience

<b>Course Title</b>	<b>Course Code</b>	<b>University</b>	<b>Academic Years</b>
Digital signal proces	EE 207, EE412	ERU, Faculty of Eng	2014-Now
Digital image Proce.	EE 444	ERU, Faculty of Eng	2014-Now
Transmission Media	EE206	ERU, Faculty of Eng	2014-Now
Acoustics	EE440	ERU, Faculty of Eng	2014-Now
Optical Comm.	EE 403	ERU, Faculty of Eng	2014-Now
Senior Seminar	EE490	ERU, Faculty of Eng	2014-Now
Graduate Project	EE499	ERU, Faculty of Eng	2014-Now
System Analysis and Design	MIS 320	Yanbu University College, KSA	2009-20014
Computer Networks I, II( Optical Nets)	MIS340 , 341	Yanbu University College, KSA	2009-20014
Management Information System	MIS 203	Yanbu University College, KSA	2009-20014
Remote Sensing	MIS 447	Yanbu University College, KSA	2009-20014
Intelligent Manage Support System	MIS440	Yanbu University College, KSA	2009-20014
Geographic Information System	MIS 350	Yanbu University College, KSA	2009-20014
E Commerce	MIS 343	Yanbu University College, KSA	2009-20014
Enterprise Resource Planning ERP	MIS 348	Yanbu University College, KSA	2009-20014
Quantitative Analysis	MGT 212	Yanbu University College, KSA	2009-20014
principles of Management	MGT 211	Yanbu University College, KSA	2009-20014
Project Management	MGT 300	Yanbu University College, KSA	2009-20014
Computer Networks I, II		Zagazig University, college of computers and information	1990-2004

		systems	
Computer Vision and Pattern Recog		Zagazig University, college of computers and information systems	1990-2004
- Artificial Intelligence,		Zagazig University, college of computers and information systems	1990-2004
C++ programming		Sadat Academy, Computer science Department	1990-2004

## 6. Professional & Technical Skills

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- Applied R&D Research projects: based on eighteen years of Air force work experience in R& D field as a project principal investigator and R&D center commander and chief of R& D department, participated and supervised many R&D projects in following fields: UAV, C4I, Comm Security, Sonar applications, video and data links, airborne avionics and optical comm data buses, Simulators, GIS-GPS and Remote sensing, Surveillance, tracking, EW, ATC..
- Management and leadership

## 7. Personal Skills

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Computer Skills	Self Assessment		
	Excellent	Good	Fair
Office(word/excel/pp)	√		
Computer science	√		
programming		√	
Language Skills	Self Assessment		
	Excellent	Good	Fair
English	√		
Other Skills			
<b>Planning, Management and leadership</b>		√	
<b>sports</b>		<b>ok</b>	

## 8. Scientific Activities

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### a. Publication:

[1] Abdalla M. Elramsisi<sup>\*1</sup>, Fareed Zaghlool<sup>2</sup>, Tharwat O. S. ahanafy<sup>2</sup> and Abdou Saad El Din Moustafa "Neural Approach Modeling Scheme for the Prediction of Air Pollution (No<sub>2</sub>, So<sub>2</sub>) Resulting from Traffic Exhaust in Cairo City Down Town", New York Science Journal, 2010;3(12), <http://www.sciencepub.net/newyork>

[2] A.M.Elramsisi has participated and supervised a lot of research activities in the period 2000-2008 in the aforementioned fields listed under research interests and work experience titles. Those research activities have been documented in the form of internal classified technical reports.

[3] A.M. Elramsisi, Mohamed Zaki, Abdu Saad, "Neural Net Modelling Scheme for the prediction of air pollution (NO<sub>2</sub>, SO<sub>2</sub>, O<sub>3</sub>) for Cairo city", *Proceedings of the International Conference on Environment, Cairo, oct. 29-31, 2001, pp.470-478.*

[4] Mohamed Zaki, A.M. ELramsisi, Rostom Omran, "A Soft Computing Approach For Accurate Recognition of Occluded Shapes," *the journal of intelligent and fuzzy systems 9 (2000)85-99 & the journal of Systems and Software, Jss7026, nov. 1999.*

[5] A.M. ELramsisi, W.I. Khedr, "A Computer Security Scheme for Dynamic User Identification, and Intruder Detection Using Neural Network Behavior-based Classifier," *Proceedings of the ninth International Conference on Computer Theory and Applications ICCTA '99, Alexandria, Egypt, August 28-30, 1999, pp. 13-22.*

[6] A.M. ELramsisi, Y.M.H. Deep, "Estimation of General Three Dimension motion and Shape Using Fourier Descriptors," *Proceedings of the ninth International Conference on Computer Theory and Applications ICCTA '99, Alexandria, Egypt, August 28-30, 1999, pp.210-220.*

[7] A.M.ELramsisi, Osama S. Elshehry, "A Fractal-Based Approach For Radar Target Recognition," *Proceedings of the first International Conference on Electrical Eng, ICEENG, Military Technical College, Cairo, Egypt, 24-26 March, 1998, pp. 383-390.*

[8] A.M. ELramsisi, Mohamed Zaki, Rostom Omran, "3-D Classification Based on Genetics and Motion Stereo," *Proceedings of the sixth International Conference on Artificial Intelligence Applications, ICAIA '98, Cairo, Egypt, Feb.18-23, 1998, pp.87-98.*

[9] A.M.ELramsisi, Ismail A. Ismail, Farid A. Ismail, "Shape from shading Using Hybrid Genetics-Iterative Method," *Proceedings of the sixth International Conf. on Artificial Intelligence Applications, ICAIA '98, Cairo, Egypt, Feb.18-23, 1998, pp. 51-57.*

[10] A.M.ELramsisi, Osama S. Elshehry, "Three-View Target Recognition Using Fractal Features and Moments Invariants In The Presence Of Noise," *Proceedings of the sixth International Conference on Artificial Intelligence Applications, ICAIA '98 Cairo, Egypt, Feb. 18-23, 1998, pp. 183-195.*

[11] A.M.ELramsisi, I.A. Ismail, B.A.Baz, "On The Classification of Partially-Occluded Fractal Images," *Proceedings of the fourth International Conference on Artificial Intelligence Applications, ICAIA 96, Cairo, Egypt, Jan 16-19, 1996, pp. 137-150.*

[12] A.M. ELramsisi, I.A. Ismail, B.A. Baz, "On The Classification of Fractal Images," *Proceedings of the Annual Conference on Statistics, Computer Science, And Operations Research, Institute of Statistical Studies and Research ISSR, Cairo University, Egypt, Vol ( 29), Part 4, 1994, pp. 17-24.*

- [13] A. M. Elramlisi, M.A.Zohdy, and N. K. Loh "A joint frequency- position Domain structure Identification of Nonlinear Discrete-time System by Neural Networks, *IEEE Trans, on Automatic Control, Vol. 36, No. 5, pp.629-633, May 1991.*
- [14] A. M. Elramlisi, M.A. Zohdy "An optical Neural Net Model for Image Coding in the Position-Frequency Space in the Presence of Noise " *Proceeding of the IEEE 1990 International Symposium on Information Theory, pp.140, San Diego, California, Jan.90.*
- [15] A. M. Elramlisi, M. A. Zohdy, and M. S. Fadali, "An Integrated Estimation and Control Scheme for Piece-Wise Linear Systems Using Neural Networks," *proc. of the 1990 American Control Conference, San Diego, Calif., may 23-25, 199, pp.3007-3012*
- [16] A.M.Elramlisi M.A. Zohdy, and N.K.Loh, "Structure Recognition of Nonlinear Discrete-Time System by Neural Networks," *Proceedings of the IEEE 1989 Conf. on System Man and Cybernetics, Vol.3, pp.1089-1104, Cambridge, Massachusetts, Nov' 89.*
- [17] A.M.Elramlisi M.A. Zohdy, and N.K.Loh "Structure and Parameter Identification of Nonlinear Discrete-Time System by Neural Networks," *IEEE Trans on Acoustic, Speech ,and Signal Processing, Vol. 37, No. 5, May 1989.*
- [18] A. M. Elramlisi M. A. Zohdy, "Image Modeling and Coding in a Combined Special-Frequency Domain by Neural Networks" *Proceedings of the Twentieth annual Conference on Modeling and simulation, Vol. 7, pp. 1947-1951, university of Pittsburgh, Pennsylvania, May 4, 1989.*
- [19] Q. Zhu, and A. M. Elramlisi, "Classifications of Incomplete Patterns with Neural Networks, " *Proceedings of the Twentieth Annual Conference on Modeling and Simulation, Vol. 7, pp. 1959-1963, University of Pittsburgh, Pennsylvania, May 4, 1989.*
- [20] A. M. Elramlisi, A. Elmoghazi, and F. Sorial, "Tracking Performance of an Early-late Gate Bit Synchronizer in an Optical Environment at Low Values of Received Optical Power, " *Proceeding of the IEEE Global Telecommunications Conference, Vol. 2, pp. 381-383, New Orleans, Louisiana, 1985.*

[1] Abdalla M. Elramlisi<sup>\*1</sup>, Fareed Zaghlool<sup>2</sup>, Tharwat O. S. ahanafy<sup>2</sup> and Abdou Saad El Din Moustafa "Neural Approach Modeling Scheme for the Prediction of Air Pollution (No2, So2) Resulting from Traffic Exhaust in Cairo City Down Town", *New York Science Journal, 2010;3(12)*, <http://www.sciencepub.net/newyork>

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[3] A.M. Elramlisi, Mohamed Zaki, Abdu Saad, "Neural Net Modelling Scheme for the prediction of airpollution(NO2, SO2, O3) for Cairo city", *Proceedings of the International Conference on Environment, Cairo, oct. 29-31, 2001, pp.470-478.*

[4] Mohamed Zaki, A.M. ELramlisi, Rostom Omran, " A Soft Computing Approach For Accurate Recognition of Occluded Shapes," *the journal of intelligent and fuzzy systems 9 (2000)85-99& the journal of Systems and Software, Jss7026, nov. 1999.*

[5] A.M. ELramlisi, W.I. Khedr, " A Computer Security Scheme for Dynamic User Identification, and Intruder Detection Using Neural Network Behavior-based Classifier," *Proceedings of the ninth International Conference on Computer Theory and Applications ICCTA '99, Alexandria, Egypt, August 28-30, 1999, pp. 13-22.*

- [6] A.M. ELramsisi, Y.M.H. Deep, " Estimation of General Three Dimension motion and Shape Using Fourier Descriptors," *Proceedings of the ninth International Conference on Computer Theory and Applications ICCTA'99, Alexandria, Egypt, August 28-30, 1999,pp.210-220.*
- [7] A.M.ELramsisi, Osama S. Elshehry, "A Fractal-Based Approach For Radar Target Recognition," *Proceedings of the first International Conference on Electrical Eng, ICEENG, Military Technical College, Cairo,Egypt, 24-26 March, 1998, pp. 383-390.*
- [8] A.M. ELramsisi, Mohamed Zaki, Rostom Omran, " 3-D Classification Based on Genetics and Motion Stereo," *Proceedings of the sixth International Conference on Artificial Intelligence Applications, ICAIA' 98, Cairo, Egypt, Feb.18-23,1998, pp.87-98.*
- [9] A.M.ELramsisi, Ismail A. Ismail, Farid A. Ismail, "Shape from shading Using Hybrid Genetics-Iterative Method," *Proceedings of the sixth International Conf. on Artificial Intelligence Applications, ICAIA'98, Cairo, Egypt, Feb.18-23,1998, pp. 51-57.*
- [10] A.M.ELramsisi, Osama S. Elshehry, "Three-View Target Recognition Using Fractal Features and Moments Invariants In The Presence Of Noise," *Proceedings of the sixth International Conference on Artificial Intelligence Applications, ICAIA' 98 Cairo, Egypt, Feb. 18-23, 1998, pp. 183-195.*
- [11] A.M.ELramsisi,I.A. Ismail, B.A.Baz," On The Classification of Partially-Occluded Fractal Images," *Proceedings of the fourth International Conference on Artificial Intelligence Applications, ICAIA 96, Cairo, Egypt, Jan 16-19, 1996, pp. 137-150.*
- [12] A.M. ELramsisi, I.A. Ismail, B.A. Baz, " On The Classification of Fractal Images," *Proceedings of the Annual Conference on Statistics, Computer Science, And Operations Research, Institute of Statistical Studies and Research ISSR, Cairo University, Egypt, Vol ( 29), Part 4, 1994, pp. 17-24.*
- [13] A. M. Elramsisi, M.A.Zohdy, and N. K. Loh "A joint frequency- position Domain structure Identification of Nonlinear Discrete-time System by Neural Networks, *IEEE Trans, on Automatic Control, Vol. 36, No. 5, pp.629-633, May 1991.*
- [14] A. M. Elramsisi, M.A. Zohdy "An optimal Neural Net Model for Image Coding in the Position-Frequency Space in the Presence of Noise " *Proceeding of the IEEE 1990 International Symposium on Information Theory, pp.140, San Diego, California, Jan.90.*
- [15] A. M. Elramsisi, M. A. Zohdy, and M. S. Fadali, "An Integrated Estimation and Control Scheme for Piece-Wise Linear Systems Using Neural Networks," *proc. of the 1990 American Control Conference, San Diego, Calif., may 23-25, 199,pp.3007-3012*
- [16] A.M.Elramsisi M.A. Zohdy, and N.K.Loh, "Structure Recognition of Nonlinear Discrete-Time System by Neural Networks," *Proceedings of the IEEE 1989 Conf. on System Man and Cybernetics, Vol.3,pp.1089-1104, Cambridge, Massachusetts, Nov' 89.*
- [17] A.M.Elramsisi M.A. Zohdy, and N.K.Loh "Structure and Parameter Identification of Nonlinear Discrete-Time System by Neural Networks," *IEEE Trans on Acoustic, Speech ,and Signal Processing, Vol. 37, No. 5, May 1989.*
- [18] A. M. Elramsisi M. A. Zohdy, "Image Modeling and Coding in a Combined Special-Frequency Domain by Neural Networks" *Proceedings of the Twentieth annual Conference on Modeling and simulation, Vol. 7, pp. 1947-1951, university of Pittsburgh, Pennsylvania, May 4, 1989.*
- [19] Q. Zhu, and A. M. Elramsisi, "Classifications of Incomplete Patterns with Neural Networks, " *Proceedings of the Twentieth Annual Conference on Modeling and Simulation, Vol. 7, pp. 1959-1963, University of Pittsburgh, Pennsylvania, May*

4,1989.

[20] A. M. Elramlisi, A. Elmoghazi, and F. Sorial, "Tracking Performance of an Early-late Gate Bit Synchronizer in an Optical Environment at Low Values of Received Optical Power," *Proceeding of the IEEE Global Telecommunications Conference, Vol. 2, pp. 381-383, New Orleans, Louisiana, 1985.*

**b. Supervision:**

Degree	Thesis Title	Researcher Name	Start Date	Approval Date
Ph.D.	"An Artificial Intelligence Approach for Pattern Analysis by Neural Networks",	Rostom Omran, Alazhar University, Faculty of Engineering, Systems and computer	1994	1999
PhD	" 3-D Shape estimation Based On Shade And Motion In Computer Vision	Yousry Deep, Zagazig university, college of science, department of statistics and computer Science,.	1996	2000
MS	"neural net modeling scheme for the prediction of air pollution for cairo city"	submitted by Abdou Saad. Alazhar university, Faculty of engineering, Systems and Computer Department,	2000	2003
MS	"Application of Genetic Algorithms in Recognition System",	Farid A. Ismail, Zagaig University, faculty of science,	1998	2000.



		Department of statistics and computer science,		
<b>MS</b>	data Security In Computer Networks”,	Valid I. Khedr, Zagazig University, College of Science, Department of statistics and Computer Science, .	<b>1996</b>	<b>1999</b>
<b>MSC</b>	- “ Automatic Target Recognition By The analysis Of Both The Radar Echo and Arbitrary Target Views Image Analysis Using fractals And Neural Nets	”, Osama S. Elshahry, Cairo University, Faculty of Engineering, Electronics and Communications Department, 1998	<b>1996</b>	1998
<b>MSC</b>	- “ A Fractal-Based Approach for Pattern Classification	,” Baz A. Baz, Zagazig University, College of Science, Department of statistics and Computer Science,	<b>1994</b>	<b>1996</b>

**c. Conferences:**

Conferences	Professional Conference Organizer	Keynote Speaker	Presenter	Attendee	Organizer
Twentieth Annual Pittsburgh Conference on Modeling and Simulation, 1989, Pens., USA.			√		chairman, of the I, and neural Technique s for Image Analysis and Pattern Classification, "
1989 IEEE International Confer. on system, Man and Cybernetics, Boston, MA, USA			√		Chairman, of the Session FP-1, "Neural Network Algorithms for Signal Processing and Decision Making "
IEEE International Conference on systems, Man and Cybernetics, Cam., USA, 1988			√		Reviewer for the short Papers

## 9. Trainings & Workshops

### Main Training Sessions:

-**Certificate of Completion for four courses in the field of QA** by the University of California San diego, April 27- May 13 2002: Quality improvement Tools, Environmental Management System, Statistical Process Control, and Internal Certification Course, and **Certificate of Attendance, ICAO Safety Management System** workshop, cairo, Egypt 8-10 april 2002

-**Many Training Sessions on Logistics, Maintenance, and Repair of Communication**

and radio Navigation Equipments

#### 10. Social Activities

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Member of many social and sports club...

#### 11. Membership of Professional Associations

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- Egyptian Syndicate of Engineering EE,
- Member of Egyptian Veterans and War Victims Association: Participation in 1973 War-Israel and 1977 War-Libya.

#### 12. Awards

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##### Medallions and Medals:

- Long Service and Good Example Medal
- Medallion of Excellent Service
- Distinction of the Republic a second layer
- Tenth of October, 1973 War Medal

*I certify that the information provided in this curriculum vitae is accurate.*

<b>Name</b>	<b>Abdallah Mohamed Elramsisi</b>	<b>Signature</b>	<b>Abdallah Mohamed Elramsisi</b>	<b>Date</b>	30-11-2014
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