

Curriculum Vitae

Ibrahiem M. M. El Emary, Ph.D

Full Professor of Computer Science and Systems

Information Science Department, Faculty of Arts and Humanities, King Abdulaziz University, Jeddah, Kingdom of Saudi Arabia

SCOPUS ID: <https://www.scopus.com/authid/detail.uri?authorId=15135499400>

Google Sc. ID: <https://scholar.google.com/citations?user=gRtiJZgAAAAJ&hl=en>

Research Gate: <https://www.researchgate.net/profile/Ibrahiem-Emary>



Ibrahiem M. M. El Emary received the Dr. Eng. Degree in 1998 from the Electronic and Communication Department, Faculty of Engineering, Ain shams University, Egypt. From 1998 to 2002, he was an Assistant Professor of Computer sciences in different faculties and institutes in Egypt. From 2002 to 2010, he worked as visiting professor of computer science and engineering in two universities in Jordan. Currently, he is a visiting Professor at King Abdulaziz University, Jeddah, Kingdom of Saudi Arabia. His research interests cover: various analytic and discrete event simulation techniques, performance evaluation of communication networks, application of intelligent techniques in managing computer communication network, and performing a comparative studies between various policies and strategies of routing, congestion control, subnetting of computer communication networks. He published more than 200 articles in various refereed international journals and conferences covering: Computer Networks, Artificial Intelligent, Expert Systems, Software Agents, Information Retrieval, E-learning, Case Based Reasoning, Image Processing and Pattern Recognition and Robotic engineering, 84 articles of them with high citation according to Scopus index curve. Also, in the current time, he is too interested in making a lot of scientific research in wireless sensor networks in view point of enhancing its algorithms of congestion control and routing protocols. Also, he participates in publishing five book chapters in two international books (Published by IGI publisher) as well as co- editor of four books edited by two international publishers (Springer Verlag and LAP Lampert). Also, he published four books with CRC Press Taylor & Francis as well as one book with John Wiley. He get the prize of Who's Who for seven successive years from year 2013 till 2020.

Ibrahiem M. M. El Emary...

In 1980, he received BS.C in Industrial Electronics from the Faculty of Electronic Engineering, Al Menofia University, Egypt. In 1986, he received MS.C with title "Estimation Techniques for Management of Telephone Exchange" from the Electronics and Communication Department, Faculty of Engineering, Cairo University, Cairo, Egypt. He received PH.D degree in "Performance Optimization of LANs that use Various CSMA Protocols" from Electronics and Communication Department, Faculty of engineering, Ain Shams University, Cairo, Egypt in 1998. In 1999, he taught Computer networks, Computer Circuits, and Computer Architecture courses in High Technological Institute, Cairo, Egypt. In 2001, he joined the High Institute for Specialized Technological Studies in Cairo as an Assistant Professor of Computer Science and Information Systems for teaching other courses as: Electronics, Database Design, Computer Programming with Pascal, and Data Structure.

From 2002 -2005, he worked in Al Balqa Applied University, Jordan for teaching various courses concerned with Software Engineering as well as Computer Communication Networks for both undergraduate and postgraduate students. From 2005- 2010, he worked in Al Ahliyya Amman university, Amman, Jordan. Currently, he joined the Information Technology Deanship, King Abdulaziz University, Jeddah, Kingdom of Saudi Arabia. His main research interests are oriented to Computer Communication Networks especially in the following trends: optimization techniques, analytical simulation techniques, and applying AI & Expert systems in managing different communication networks. Comparative studies between various congestion and routing algorithms.

Personal Information...

- **Name** : **Ibrahiem M. M. El Emary**
- **Nationality** : **Egyption**
- **Date of Birth** : **26 /09 /1957**
- **Social state** : **Married having two sons**
- **Telephone** : **+966548305937 (Jeddah – Kingdom of Saudi Arabia)
+2022742526, +20101984105, +20103549842 (Cairo - Egypt)**
- **Addresses** : **(1) 31 Mostafa Al Nahas , Nasr City , Cairo , Egypt
(2) Information Technology Deanship, King Abdulaziz University,
Jeddah, Kingdom of Saudi Arabia**
- **E-mail** : **Omary57@hotmail.com & omary57@gmail.com & amary57@kau.edu.sa**

Academic Degrees and Transcripts...

- **Ph.D** : **Electronic and Communication Engineering Department
Faculty of Engineering , Ain Shams University (1998) ,Cairo, Egypt**
Title : **Performance Optimization of Various Types of Carrier Sense
Multiple Access Protocols (CSMA)**
Supervisors : **Prof. Dr. Salwa H. El Ramly and Prof. Dr. Sayed Abdel Hadi**
- **M.Sc** : **Electronic and Communication Engineering Department
: Faculty of Engineering ,Cairo University (1986), Cairo, Egypt**
Title : **Estimation Techniques for the Management of Telephone Exchanges**
Supervisors :**Prof. Dr. A.Y. Belal and Prof. Dr. M. T. El Hadidi**
- **B.Sc** : **Industrial Electronics Eng. Department
Faculty of Electronic Engineering, Menoufia University (1980), Egypt**
Degree : **Very good with honor degree**
Project : **Excellent**

Academic jobs...

- **During the interval 1999-2002, Assist. Professor of Computer Science and Engineering in various faculties and institutes in Egypt**
- **During the interval 2002-2005, Assist. Professor of Computer Science and Information systems in Faculty of Sciences and Information Technology, Al Balqa Applied university, Al Salt, Jordan**

- **During the interval 2005- 2010**, Assoc. Professor of Computer Engineering in Faculty of Engineering, Al Ahliyya Amman University, Amman, Jordan
- **During the interval 2010- now**, Associate Professor of Computer Science and engineering in Information Technology Deanship, King Abdulaziz University, Jeddah, Kingdom of Saudi Arabia

Educational Experiences and Teaching background...

Working an Assistant Professor of Computer Science and Information Systems in both High Technological Institute and High Institute of Specialized Technological Studies in Egypt for teaching the following courses: database systems, management information systems, computer architecture, and computer programming using various languages as: Fortran4, Basic, Pascal, and C++. Currently, working visiting Associate Professor of Computer Engineering, faculty of Engineering, Al Ahliyya Amman University, Jordan for teaching different courses concerned with: Control Systems, Software Engineering, Digital Logic, Artificial Intelligent and Computer Communication networks. Also, In the field of work, I teach courses in database systems using Oracle and Access and applying these courses in conjunction with Visual Basic for designing various database systems to hospitals, hotels, banks and commercial companies. Beside the previous tasks ,I supervise various projects to undergraduate students working in designing Web sites for teaching different courses using Asp, Java, and Macromedia Flash...etc languages to create the Web pages as well as supervising projects for the postgraduate students in the field of computer communication networks oriented to design and implement software tools used in managing and supervising LAN and other computer networks. Studying and analyzing the congestion control and flow control protocols in data link layer and network layer.

International & National Awards...

- Achieving the prize of " **Scholar of the Year 2005**" from Science Publication Organization, New York, U.S.A.
For more details, visit the website : www.scipub.org
- Granting a " **Certificate of Excellence**" from Science Publication for outstanding a Special Issue entitled" Intelligent, Communication and Computer Interaction" in the Journal of Computer Science, New York, U.S.A.
For more details, visit the website : www.scipub.org
- Achieving the prize of " **Distinguished Academic Membership of Al Ahliyya Amman University**" among 500 membership for the Year 2006 -Amman- Jordan
- Achieving the prize of " **Merit Certification**" granted from IAENG society for the best article presented to WCECS'07 conference hold in San Francisco, USA on October 2007
- Selected as one of **Top authors of overall computer science research worldwide from Academic-Microsoft** during the period 2005-2010

International Participations...

- Organizing a Special Session entitled" **Application of Intelligent Techniques in Managing Computer Communication Networks & Others**" within the 10th WSEAS International Conferences on Computers, Vouliagmeni, Athens, Greece, July 13-15, 2006
www.worldses.org/conferences/2006/greece/iccomp/session1.htm
- Organizing a Special Issue entitled" **Intelligent, Communication and Computer Interaction**" in Journal of Computer Science, New York, U.S.A on 2005

- Organizing a Special Issue entitled " **Intelligent Control and Communication Systems**" in American Journal of Applied Sciences, New York, U.S.A on 2006 www.aapr.us/categories/Applied-Sciences/Special-Issue-
- Chairing in organizing a Special issue entitled " **Distributed Systems and Human Computer Interaction**" in Journal of Computer Science, New Yourk, U.S.A on 2006 www.worldses.org/conferences/2006/hangzhou/acos/session4.htm
- Organizing a special issue entitled " **Design, Authentication and Evaluation of Computer Networks**", IAENG IJCS, Hong Kong, August 2007 www.iaeng.org/IJCS/issues_v34/issue_1/index.html
- Organizing the third International workshop on " **Advanced Computation for Engineering Applications (ACEA'07)**" in Conjunction with the International Conference on Information Technology (ICIT'07) that is held in Al Zaytoonh University, Amman, Jordan on May 2007 www.alzaytoonah.edu.jo/ar/icit2007/scon2.7.html
- Organizing a special session on " **Evolutionary Computation for Software Reliability and Effort Estimation**" in conjunction with 18th Midwest Artificial Intelligence and Cognitive Science Conference (MAICS-2007), DePaul University, Chicago, IL, USA, April 2007 www.maics.us/specialsession.htm
- Organizing a special session entitled " **New Trends in E- Business and E-Commerce**" in Networking and Electronic Commerce Research Conference (NAEC'07), Riva Del Garda, Italy On 18-21, October 2007 www.atsma.org/NAEC_2007/BGNAEC_Sessions_papers_and_rooms_schedule_xxxxxx.htm
- Organizing a special session entitled " **Soft Computing in Web Intelligence Technologies**" in Networking and Electronic Commerce Research Conference (NAEC'07), Riva Del Garda, Italy On 18-21, October 2007 www.atsma.org/NAEC_2007/BGNAEC_Sessions_papers_and_rooms_schedule_xxxxxx.ht
- Organizing a special issue entitled " **Computational Intelligence in Multimedia Computing**", TS Journal, Springer Verlag, Germany, June 2008 www.cba.edu.kw/abo/FCl-AboAjith/MMCI-special%20issue2008.html
- Organizing special issue entitled " **Soft Computing Innovation Vision**", World Applied Science Journal, Canada on April 2009
- Organizing special issue entitled " **Biomedical Instrumentation: New Trends in Diagnostic and Therapeutic Methods and Technologies**", World Applied Science Journal, Canada on April 2009
- Organizing an International Workshop in ICICIS'09 conference entitled " **Intelligent Agents in Telecommunication Systems**", Ain Shams University, Cairo, Egypt, 19-21 March 2009 www.icicis.edu.eg/Default.aspx
- Organizing a special session entitled " **Wavelet Based Image Processing**", International Conference of Information Technology, Al Zaytoonh University, Amman, Jordan, 3-6, June, 2009 http://newsite.alzaytoonah.edu.jo/ICIT/pages/Special_Sessions.aspx
- Organizing a special session entitled " **Speech and Speaker Recognition Applications over IP**", International Conference of Information Technology, Al Zaytoonh University, Amman, Jordan, 3-6, June, 2009 http://newsite.alzaytoonah.edu.jo/ICIT/pages/Special_Sessions.aspx

- Organizing a special session entitled " **New Trends in E-Learning**", International Conference on Information and Communication Technologies and accessibilities", Tunisia University, **Tunisia**, 5-7. May, 2009
http://www.icta.rnu.tn/conference_program.html
- Organizing a special session entitled " **Advanced Strategies of Computational Intelligent Techniques in Managing Telecommunication System**" International Conference of Electronics, Computer and Artificial Intelligent, **Romania**, 3-7. July, 2009
<http://www.upit.ro/index.php?i=880>
- Organizing a special session entitled " **New Trends in Bioinformatics**" International Conference of Electronics, Computer and Artificial Intelligent, **Romania**, 3-7. July, 2009
<http://www.upit.ro/index.php?i=880>
- Organizing a special session entitled " **Utilization of Softcomputing Techniques for Improving the Performance of Telecommunication Networks**", International Conference on Telecommunication Systems, Modeling and Analysis (ICTSM2009), CA, USA, 9-12, July, 2009
<http://www.atma.org/Conferences/ICTSM2009/index.html>
- Organizing a special issue entitled " **Statistical & Softcomputing Techniques for System Analysis and Design**", IAENG IJCS, Hong Kong, February 2010
- Co-chair and Organizing a special session entitled " **Role of Intelligent Agents in Telecommunication Systems** " International Conference of Theoretical and Mathematical Foundation of Computer Science" (TMFCS'2010), Orlando, Florida, USA, July, 2010
<http://www.promotersearch.org/2010/tmfcs/session1.html>
- Organizing a special issue entitled " **Intelligent Agents in Telecommunication Systems**", TS Journal, Springer Verlag, **Germany**, March 2011
- Organizing a special issue entitled " **Signal Processing Analysis of Human Computer Interaction**", TS Journal, Springer Verlag, **Germany**, April 2011
<http://www.springer.com/business/business+information+systems/journal/11235>

Editor- In- Chief and reviewer of International Journals...

- International Journal of Soft Computing Applications, (IJSCA), **Austria**
www.eurojournals.com/IJSCA.html
- World Information Technology Journal, (WITJ), **Canada**
www.idosi.org/witj/board.htm
- International Journal of Computational Intelligence and Telecom. Systems (IJCITS), **India**
www.serialpublications.com/journals
- Reviewer in IEEE Potentials, **USA**
www.ieee.org/potentials/
- Reviewer in Elsevier DSP Journal, **USA**
www.elsevier.com/wps/find/journaldescription.cws.../authorinstructions
- International Journal of Advanced Trends in Computer Science and Engineering, **India**
<https://www.warse.org/IJATCSE/editorialBoard>
 - Journal of Information Technology and Software Engineering (JITSE)
<https://www.longdom.org/editor/ibrahim-m-m-el-etary-12678>
 - ACM Digital Library- Association of Computing Machinery ACM
<https://dl.acm.org/profile/81350604010>
 - Journal of Bioscience Biotechnology Research Communication (BBRC)
<https://bbrc.in/wp-content/uploads/2021/04/Dr-I-El-Emary-PhD.pdf>
 - Heritage and Sustainable Development Journal

- <https://hsd.ardascience.com/index.php/journal/about/editorialTeam>
- Indian Journals- India
<https://indianjournals.com/ijor.aspx?target=ijor:ijdmet&type=eboard>
- Sustainable Engineering and Innovation
<https://sei.ardascience.com/index.php/journal/about/editorialTeam>

Membership in the Technical Committees of International Referred Journals (Member of Editorial Board)...

- Chair of Computer Science Department, Science Publication Organization, New York, **U.S.A**
www.scipub.org/scipub
- Guest Editor of Journal of Computer Science, Science Publication, New York, **U.S.A**
- American Journal of Applied Science(AJAS) (Science publications- New Yourk – **U.S.A**)
www.scipub.org/scipub/eboard.php?
- Journal of Graphics, Vision, and Image Processing (GVIP) (International Congress for Global Sciences and Technology- **Germany**)
www.icgst.com
- International Journal of Information Technology(IJIT) (International Enformatica Society- **Hungaria**)
- International Journal of Intelligent Technology(IJIT) (International Enformatica Society- **Hungaria**)
- Journal of Artificial Intelligence and Machine Learning (AIML) (International Congress for Global Sciences and Technology- **Germany**)
- International Journal of Neural Systems (IJNS- **Singapore**)
- Higher Education Academy's- **USA**- ITALICS Innovation in Teaching and Learning in Information and Computer Sciences)
- International Journal of Computing and Informations Sciences (IJCIS-**Canada**)
- Membership of American Association of Promotion Research (AAPR.us)
- Membership of International Association of Engineering-International Journal of computer Sciences(IAENG-IJCS- **HK, UK**)
- Reviewer in the International Journal of Computer and Information System (IJCIS- **Canada**)
- International Journal of Computer System and Network security (IJCSNS-**Korea**)

Membership of International Coference Committees ...

- Membership of the Risk Management and Cyber Informatics: RMCI 2004 Prog. Committee, **U.S.A**
<http://www.sciis.org/Wmsci2004>
- Technical reviewer of Cybernatics and Information Technologies, Systems and Applications CITSA 2004 and Information Systems Analysis and Synthesis: ISAS 2004 Committee, **U.S.A**
- Membership of Technical Committee for International Asociation of Science and Technology for Development (IASTED) on Networks for the period 2005- 2008, **U.S.A**
www.iasted.org
- Membership of Programme Committee of International Conference on Dependability of Computers (DepCop'06) - Wroclaw University of Technology, **Poland**
ieeexplore.ieee.org/iel5/4024017/4024018/04024023.pdf?arnumber=4024023

- Membership of the WSEAS International Conference Prog. Committee, **U.S.A and Europe**
www.geocities.com/wseas_athens/8th_WSEAS_CSCC_Vouliagmeni_Athens_Greece.doc
www.worldses.org/review/reviewers.htm - 121k
- Membership of the Organizing Committee for the Jordan International Conference on Computer Science and Engineering JICCSE 2004, **Jordan**
www.jiccse.org.jo/Doc/Program_Final.doc
- Membership of the International Conference on Information Technology and Natural Systems: ICITNS 2003 Program Committee, **Jordan**
www.alzaytoonah.edu.jo/ar/icit2003/scon2.7.html
- Membership of the International Conference on Information Technology : ICIT 2005, Program Committee, **Jordan**
www.alzaytoonah.edu.jo/ar/icit2005/scon2.7.html
- Membership of Scientific Committee of the 5th WSEAS International Conference on Applied Computer Science, ACOS'06, Hangzhou, **China**
- Membership of the Technical Committee of International Conference on Information Technology ICIT 2007, **Jordan**
www.alzaytoonah.edu.jo/ar/icit2007/scon2.7.html
- Membership of the Technical Committee for the Jordan International Conference on Computer Science and Engineering JICCSE 2006, **Jordan**
www.jiccse.org.jo/Doc/Program_Final.doc
- Membership of Programme Committee of International Conference on Dependability of Computers (DepCop'07) - Wroclaw University of Technology, **Poland**
www.doi.ieeecomputersociety.org/10.1109/DEPCOS-RELCOMEX.2006.39
- Membership of the Technical Committee for International Conference on Digital Communication and Computer Application DCCA 2007, **Jordan**
www.cis.just.edu.jo/dcca2007/reviews.htm - 88k
- Membership of the Technical Committee for ACS/IEEE International Conference on Computer Systems and Applications, AICCSA'07, **Jordan**
www.philadelphia.edu.jo/aiccsa2007/aiccsa-2007-program-sc.pdf
- Membership of the technical committee of NEAC'07 conference, **Italy**
www.atma.org/NAEC_2007/committee2007.html
- Membership of International Program Committee of International Conference on Informatics and Systems (INFOS- Egypt)
<http://www.fci-cu.edu.eg/INFOS2008>
- Membership of International Program Committee of IEEE International Symposium on Parallel and Distributed Processing with Applications (ISPA'08) and the 2008 International Conference on Intelligent Pervasive Computing (IPC'08), **Australia**
<http://www.cs.usyd.edu.au/~ispa2008/workshops.html>
- Membership of International Program Committee of International Conference on Intelligent Computing and Information Systems (ICICIS'09), **Egypt**
<http://icicis.edu.eg/>
- Membership of International scientific Committee of Electronic, Computer and artificial Intelligent Conference, ECAI'09, **Romania**
<http://www.upit.ro/index.php?i=880>
- Membership of the International Committee of International Conference on Information Technologies & Accessibility, ICTA'09, **Tunisia**
http://www.icta.rnu.tn/conference_program.html
- Membership of the Program Committee of the International Conference of Advance Computer Control , ICACC'2010, **China**
<http://www.icacc.org/Committees.html> NASTEC'2010

- Membership of the International Program Committee of NASTEC'2010 Conference organized by the European Multidisciplinary Society for Modeling and Simulation, Redmond Seatel, **USA**
<http://www.eurosis.org/cms/index.php?q=node/1324>
- Membership of IEEE International Conference on Computational Science and Engineering (IEEE-CSE- 2010), **Canada**
<http://cse.stfx.ca/~cse 2010/>
- Keynote Speaker on the International Conference on Computer Applications and Information Technology, September 03, 2010, Coimbatore, Tamilnadu, **India**
www.cait.hindusthan.net
- Membership of Internationa Advisory Committee of the International Conference on Industrial Application of Softcomputing Techniques (IIASCT), **India**
- Membership of the IEEE SMCS- TC on Softcomputing
- Membership of the WICT'2011 organizing committee (WICT'2011), **India**
<http://www.mirlabs.org/wict11>
- Membersip of MIR Lab in **USA**
www.mirlabs.org/network/Asia/.../Ibrahim.php

Research Interests and / or Professional Experiences...

Mainly, I'm engaged in analyzing and studying various approaches that are used in optimizing the performance of LANs which use CSMA protocols specially in view point of: routing, addressing, sub netting, congestion control and flow control, Error control and recovery. In addition to this, I search in a new trend covers the application of AI and expert systems in managing the various computer communication networks as: real time communication networks, High speed local networks, and integrated service digital networks. Currently, I work deeply in evaluating the performance of ATM and frame relay network.. During the period 1999 to 2011, I published more than 130 papers in International Journals and Conferences in: USA, Canada, Germany, Greece, United Kingdom, Austria, Serbia, Romania, Hong Kong, North Korea, China, Nigeria, India, Singapore, Pakistan, Czeck Republic, Tunisia, Jordan and Egypt.

Supervision and Examination of Scientific Research...

- External Examinar of **Ph.D** thesis in Information Technology, Duplin Institute of Technology (DIT), **Ireland**
- External Examinar of **M.Sc** and **Ph.D** thesis in faculty of Computer and Information Science, Ain Shams University, Cairo, **Egypt**
- Examination of more than 15 **M.Sc** thesies covering various tracks in computer sciences and engineering in Al Balqa Applied University, Muata' University, **Jordan**.
- Exetrnal examinar of **Ph.D** thesies in Anna University- **India**
- External examinar of **Ph.D** thesies in Dr.Mahalingam College of Engineering & Technology, Udumalai Road,Pollachi-642003, **India**
- External examinar of **Ph.D** thesies in Annamalai University, **India**

Book Publication....

- **Computational Techniques and Algorithms for Image Processing**, Published by LAP Lampert Publisher Society, Germany on 2011
<http://www.amazon.com/Computational-Techniques-Algorithms-Image->

- **Learning Oriented Technologies: Devices and Networks** , Published by LAP Lampert Publisher Society, Germany on 2011
<http://www.borders.com.au/book/learning-oriented-technologies-devices-and-networks/24149394/>
- **Colored Digital Image Watermarking using the Wavelet Techniques**, Published by Thomson Gale, USA on 2008
www.bod.com/index.php?id=3435&objk_id=402122
- **A Comparative Study Between Various Protocols of MANET Networks**, published by Thomson Gale, USA on 2008
- **Wireless Sensor Networks from Theory to Application**, Published by Taylor & Francis (CRC), USA on 2013
www.taylorandfrancis.com/books/subjects/Engineering-
- **Shaping the Future of ICT: Trends in Information Technology, Communications Engineering, and Management**, Published by Taylor & Francis (CRC), USA on 2016
<https://www.crcpress.com/Shaping-the-Future-of-ICT-Trends-in-Information-Technology-Communications/El-Emary-Brzozowska/p/book/9781498781183>
 - **Management of Organizational Culture as a Stabilizer of Changes: Organizational Culture Management Dilemmas**, Published by Taylor & Francis (CRC), USA on 2020
<https://imusic.dk/books/9780367460594/ibrahim-m-m-el-emary-2020-management-of-organizational-culture-as-a-stabilizer-of-changes-organizational-culture-management-dilemmas-hardcover-bog>
- **Design and Implementation of Visible Light Communication Circuit for Wireless Data Transmission and Radio Frequency Argumentation**, Shineeks Press, USA, 2022

Book Chapter Publication...

- Participating in publishing a book chapter (second author) entitled " **Enhancing the Performance of Entropy Algorithm using Minimum Tree in Decision Tree Classifier**" in a book entitled " **Advances in Computational Algorithms**" published by: Springer Verlag, Germany on October 2008
www.springerlink.com/index/q6134674h8j51417.pdf
- Participating in publishing a book chapter(second author) entitled " **Optimization and Managing Digital Telecommunication Systems using Data Mining and Knowledge Discovery**", in a book entitled: " **Knowledge Discovery Practices and Emerging Applications of Data Mining**" published by: IGI publisher Society on October 2010
www.amazon.com/knowledge-Discovery-Practices-Engineering-Applications/.../1609600673
- Participating in publishing a book chapter(single author) entitled " **Management and Challenges Facing Wireless Sensor Networks In Telemedicine Applications**" in a book entitled " **Wireless Technologies for Ambient Assisted Living and Health Care: Systems and Applications** " published by: Medical Information Science Reference, and edited by: IGI Society on January 2011
<http://www.powells.com/biblio/95-3330000274543-0>
- Participating in publishing a book chapter(single author) entitled " **Role of Data Mining and Knowledge Discovery in Managing Telecommunication Systems**" in a book entitled: **Wireless Technologies for Ambient Assisted Living and Health Care: Systems and Applications**" published by: Medical Information Science Reference and Edited by: IGI Publisher Society on January 2011
<http://www.powells.com/biblio/95-3330000274543-0>

- Participating in publishing a book chapter(single author) entitled " *Application of Computational Intelligence Techniques in Managing Wireless Sensor Networks*", in a book entitled: *Wireless Technologies for Ambient Assisted Living and Health Care: Systems and Applications*" published by: *Medical Information Science Reference* and Edited by: *IGI Publisher Society on January 2011*
<http://www.powells.com/biblio/95-3330000274543-0>
- Participating in publishing a book chapter(single author) entitled " *Emergent Evaluation Criteria for Collaborative Learning Environment*", in a book entitled: *Virtual Communities, Social Networks and Collaboration* published by: *Springer Verlag, June 2012*
www.springer.com/..../9781461436331-c1.pdf?...
- Participating in publishing a book chapter (single author) entitled " *Software Agents in Managing Electric Power Systems*", in a book entitled: *Advances in Energy Research: Energy and Power Engineering* published by *NOVA SCIENCE publisher on Jan. 2013*
https://www.novapublishers.com/catalog/product_info.php
- Participating in publishing a book chapter (single author) entitled " *Cloud Computing in Life Science Research: IT Perspectives and Challenges for Future*", in a book entitled: *Biostatistics and Computational Mathematics for Life Science Research* published by *Medical Information Science Reference, IGI, July 213*
- Participating in publishing a book chapter (co-author) entitled: " *Improvement of Spotting Words Speech Recognition Agent for Tele- Operating a Manipulator Arm*" in a book entitled: *Networked Digital Technologies, Communications in Computer and Information Science*, published by *Springer Verlage, September 2012*
http://link.springer.com/chapter/10.1007/978-3-642-30567-2_27

Published Papers in International Periodical Refreed Journals...

- Y. Belal, M.T.Al Hadidi & **Ibrahiem M. M. El Emary**, " Estimation Techniques for Management of Telephone Exchanges", *IEEE Trans. On Comm.*,Jun.1986
- Sayed Abdel Hadi , Salwa H Al Ramly & **Ibrahiem M. M. El Emary**, " Comparative Studies of Retransmission Control Strategies in CSMA/CD LANs", *Sci.Bull.Fac.Eng. Ain Shams University, (Egypt), Apr. 1999*
- **Ibrahiem M. M. El Emary**, " Presentation of a Fair Retransmission Algorithm Assists in Improving the Performance of Slotted CSMA/CD Local Computer Network", *Egyptian Computer Science Journal ECSJ (Egypt), Jan.2003*
- **Ibrahiem M. M. El Emary** & Mohanad Al Obaidy, "A Design and Implementation of an Efficient Synchronous / Asynchronous Serial Multiplexed System Facilitating the IBM PC Communications", *Egyptian Computer Science Journal ECSJ,(Egypt), Jan. 2003*
www.informatik.uni-trier.de/~ley/db/indices/a-tree/o/Obaidy:Mohaned_A=.html
- Mohanad Al Obaidy & **Ibrahiem M. M. El Emary**, "Presentation of a Software Tool for Synchronous/Asynchronous Serial Multiplexer System Suitable for IBM PCs Commun Over LAN / WAN", *Egyptian Computer Science Journal ECSJ ,(Egypt), July 2003*
www.net.shams.edu.eg/ecs/jan_03_a1.htm - 12k
- **Ibrahiem M. M. El Emary**, "Performance Optimization of the High Speed Distributed Packet Switching Local Computer Network", *The Egyptian Journal of Engineering Sciences and Technology,(Egypt), July 2003*
- **Ibrahiem M. M. El Emary**, "A Reconfiguration Strategy for Improving the Performance of Local Area Network that Utilizes CSMA Protocol" , *The Egyptian Journal of Engineering Sciences and Technology,(Egypt) , July 2003*

- Mohamed Ababneh & **Ibrahiem M. M. El Emary**, "On the Development of an Expert System Used for Selecting an Appropriate PCs Equipments" , Journal of Institute of Mathematics and Computer Science (Computer Science Series), (India), Vol.4,Dec.2003
- **Ibrahiem M. M. El Emary**, "On the Building of a Software Package to Simulate the GPRS Network", Journal of Institute of Mathematics and Computer Science (Computer Science Series),(India), Vol.4,Dec. 2003
- **Ibrahiem M. M. El Emary** and Jihad Abou Sondos, "On the Development of a Well Planned WebCt Used for E-Learning Course in MIS", Journal of Institute of Mathematics and Computer Science (Computer Science Series),(India),Vol.4, Dec. 2003
- **Ibrahiem M. M. El Emary**, Jafar S. Al Hasani & Mohanad Al Obaidy, "On the Design of Software Package to Predict and Track the Performance and Faulty Conditions for a Double Loop Computer Networks", Journal of Institute of Mathematics and Computer Science (Computer Science Series),(India),Vol.2.Jun.2004
- **Ibrahiem M. M. El Emary** & Heussien Sindi, "On the Design of a WebCT for Online E-Learning Course in Economic Information Systems", Egyptian Computer Science Journal ECSJ ,(Egypt), July 2004
www.net.shams.edu.eg/ecs/a_3.htm
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Tought Courses in 2022-2023

- 1- **Systems Analysis and Design for Ph.D Program**
- 2- **Systems Analysis and Design for MS.C program**
- 3- **Knowledge Management Techniques for Ph.D program**
- 4- **Information Retrieval Systems for MS.C program**

Languages...

- Arabic: Mother Language
- English : Excellent (Read both Write and speak)

References...

- **Prof. Eduard Babulak PhD, CEng, SMIEEE**
Visiting Professor of Information Technology, EDU- Vancouver, **Canada**
E-mail: babulak@ieee.org
- **Prof. Musbah J. Aqel** (Electrical Engineering Department, Faculty of EGINEERING ,Applied Science University, Amman,**Jordan**)
E-mail: musbahaqel@yahoo.com
- **Prof. Qing Tan** (School of Computer Science and Information Technology, Athabasca University, **Canada**)
E-mail: qingt@athabasca.ca

Prof. Dr.Ibrahiem M. M. El Emary