

Curriculum Vitae

Ibrahiem M. M. El Emary, Ph.D

Professor of Computer Science and Systems

Information Technology Deanship, King Abdulaziz University

Jeddah, Kingdom of Saudi Arabia



Ibrahim 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. 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 two books edited by two international publishers (Springer Verlag and LAP Lampert).

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** : Egypt
- **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**

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.atsma.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.promoteresearch.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
- Journal of Computing and Applications (JCA), **Pakistan**
www.iacse.org/ebjca.html

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 Conference 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/jiel5/4024017/4024018/04024023.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.atsma.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 International 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>
- Membership 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 depthly 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 Examiner of **Ph.D** thesis in Information Technology, Duplin Institute of Technology (DIT), **Ireland**
- External Examiner 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 examiner of **Ph.D** thesies in Anna University- **India**
- External examiner of **Ph.D** thesies in Dr.Mahalingam College of Engineering & Technology, Udumalai Road, Pollachi-642003, **India**
- External examiner 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 2017

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:Mohanad_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 Jehad 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 Obaiedy, "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
- **Ibrahiem M. M. El Emary** & Farouk Al Taweel, " On The Application Of Intelligent Autonomous Agents For Managing The Real Time Communication Network ", Egyptian Computer Science Journal ECSJ (Egypt), July 2004
http://net.shams.edu.eg/ecs/a_3.htm

- **Ibrahiem M. M. El Emary & Mustafa M. Hammad**, " On- Line Structural Approach for Recognizing Hand- Written Indian Numbers", *International Journal on Graphics, Vision and Image Processing GVIP*, (Germany), Issue 7, Volume 5, July 2005
www.icgst.com/gvip/v7/P1150527004.html
- **Ibrahiem M. M. El Emary**, " On the Application of Artificial Neural Networks in Analyzing and Classifying the Human Chromosomes", *Journal of Computer Science*, (U.S.A), July 2005
www.scipub.org/scipub/detail_issue.php?V_No=5&j_id=jcs
- **Ibrahiem M. M. El Emary**, "Managing a High Speed LAN using Distributed Artificial Intelligence", *Journal of Computer Science*, (U.S.A), July 2005
www.researchandmarkets.com/reports/524803 - 30k
- **Abdel Badeea Salem, Ibrahiem M. M. El Emary & Hussain Sindi**, " DatComNet: Designing an Intelligent Visual Tool for Teaching Data Communication and Network Information Systems", *Journal of Computer Science*, (U.S.A), Nov.2005
www.scipub.org/scipub/detail_issue.php?V_No=7&j_id=jcs
- **Ibrahiem M. M. El Emary & Hussain Sindi**, " ISSP: A New Software Package to Enhance the E-Learning Approach", *Journal of Computer Science* (U.S.A), Nov. 2005
www.scipub.org/fulltext/jcs/jcs22191-193.pdf
- **Aldahoud Ali & Ibrahiem M. M. El Emary**, " An Advanced Approach for Improving the Performance of CSMA/CD LANs", *WSEAS Transactions on Communications*, (Malta), Issue 1, Volume 5, Jan.2006
www.worldses.org/journals/communications/communications-january2006.doc
<http://portal.acm.org/citation.cfm?id=1366366>
- **Ibrahiem M. M. El Emary & Farouk Al Tawell**, " An Advanced Approach to Evaluate the Performance of the TCP Networks", *American Journal of Applied Sciences*, (U.S.A), Nov.2005
www.doaj.org/doaj?func=searchArticles&q1=Al&f1=all&b1=and&q2=&f2=all&p=229 - 10k
- **Ibrahiem M. M. El Emary & Adnan I. Al Rabia**, " Estimation Techniques for Monitoring and Controlling the Performance of the Computer Communication Networks", *American Journal of Applied Sciences*, (U.S.A), Nov.2005
www.journaldatabase.org/articles/97283/Estimation_Techniques_for.html - 7k
- **Ibrahiem M. M. El Emary & Adnan I Al Rabia**, " Fault Detection of Computer Communication Networks using an Expert System", *American Journal of Applied Sciences*, (U.S.A), Nov.2005
www.scipub.org/fulltext/ajas/ajas2101407-1411.pdf
- **Abdel Badeea salem, Aldahoud Ali & Ibrahiem M. M. El Emary**, " A new Model for Multi - Agent Case Base Reasoning System", *Journal of Computer Science*, (U.S.A), Jan.2006
www.scipub.org/scipub/spiny/si_jcs2.htm - 34k
- **Ibrahiem M. M. El Emary & Jaafar Atwan**, " Designing and Building an Automatic Information Retrieval System for Handling the Arabic Data", *American Journal of Applied Science*, (U.S.A), Jan. 2006
www.doaj.org/abstract?id=175451&toc=y - 7k
- **Ibrahiem M. M. El Emary & Jihad A. Abu Sondos**, " An Online Website for E- Examination and Tutorial of Economic Course", *American Journal of Applied Sciences*, (U.S.A), Jan.2006
www.scipub.org/fulltext/ajas/ajas321715-1718.pdf
- **Ziad A. A. Alqadi, Musbah J. Aql & Ibrahiem M. M. El Emary**, "A New Algorithm for Locating Tandem Repeats in a DNA Sequence", *European Journal of Scientific Research*, (Austria), Dec.2006

- www.eurojournals.com/ejsr%20Vol%2015%20No%203.htm – 22
- Ziad A. A. Alqadi, Musbah J. Aqel & **Ibrahiem M. M. El Emary**, "Fingerprint Matching Algorithm Based on Ridge Path Map", European Journal of Scientific Research,(Austria), Dec.2006
www.eurojournals.com/ejsr%20Vol%2015%20No%203.htm
 - Khalaf Khatatneh, **Ibrahiem M. M. El Emary** & Basem Al-Rifai, "Probabilistic Artificial Neural Network for Recognizing the Arabic Hand Written Characters", Journal of Computer Science, (U.S.A), Dec. 2006
www.scipub.org/fulltext/jcs/jcs212879-884.pdf
ieeexplore.ieee.org/iel5/4569830/4580554/04580716.pdf?arnumber=4580716
 - W.Emar, M. J. Aqel & **Ibrahiem M. M. El Emary**, "Developing a New Simulation Technique for Pulse Bridge Rectifier Used in A.C. Electric Drives (PRACED)", International Journal of Simulation, Systems, Sciences and Technology, (UK), Dec. 2006
www.ducati.doc.ntu.ac.uk/uksim/journal/Vol-7/No-9/Paper5.pdf
 - Dheeb Al Bashish & **Ibrahiem M. M. El Emary**, "Comparative Study between Various Clustering Algorithms in MRI Segmentation", European Journal of Scientific Research, (Austria),Jan.2007
www.eurojournals.com/Vol%2016%20No%201.htm#8-k
 - W.Emar, M. J. Aqel & **Ibrahiem M. M. El Emary**, " Double Phase Connection of Switching Converters", European Journal of Scientific Research,(Austria),Jan.2007
www.eurojournals.com/Vol%2016%20No%201.htm
 - Mazen Abu Zaher, Rashad J. Rasras & **Ibrahiem M. M. El Emary**, "Building an Advanced Invariant Real- Time Human Tracking System", The International Journal of Computer science and information Systems, (Serbia), July 2007
www.comsis.fon.bg.ac.yu/ComSIS/Vol4No1/RegularPapers/pdf/paper2.pdf
 - Rashad J. Rasras , **Ibrahiem M. M. El Emary** & Skopin D. E, Developing a New Color Mode For Image Analysis and Processing, The International Journal of Computer science and information System, (Serbia), July 2007
www.comsis.fon.bg.ac.yu/Current.htm - 26k
 - **Ibrahiem M. M. El Emary**, Salam A. Najim, Musbah J. Aqel, ' Towards Designing and Implementin an Expert Network to Manage the Computer Communication Networks', Journal of Information and Computing Sciences(JIC)-(UK) , May2007
www.worldacademicunion.com/journal/1746-7659JIC/jicvol2no3paper10.pdf
 - Ziad A. A. Alqadi, Musbah J. Aqel & **Ibrahiem M. M. El Emary** , " Multiple Skip Multiple Pattern Matching Algorithm (MSMPMA), Vol.34, Issue 2, IAENG IJCS, (N.Korea), Nov.2007
www.iaeng.org/IJCS/issues_v34/issue_2/IJCS_34_2_03.pdf
 - **Ibrahiem M. M. El Emary** & Mohmed Gaber, " A Novel Algorithm for Solving the String Matching Problem", International Journal of Computational Intelligence and application,(Singapore), Vol.6, Issue 4, December 2006
<http://www.worldscinet.com/cgi-in/details.cgi?id=pii:S1469026806002155&type=html>
www.zentralblatt-math.org/ioport/en/?q=se... - 57k
 - Ziad A. A. Alqadi, Musbah J. Aqel & **Ibrahiem M. M. El Emary**, ' Analysis of Stream Cipher Security Algorithm', Vol. 2, No. 4, 2007, pp 288-298 , Journal of Information and Computing Sciences,(UK)
www.worldacademicunion.com/journal/1746-7659JIC/jicvol2no4paper05.pdf
 - Mohmed F. Al Hunaity, **Ibrahiem M. M. El Emary** & Salam Nijm, " A Proposed approach for Enhancing the Multicast Ad-Hoc Demand Distance Vector Protocol (MAODV)", Egyptian Computer Science Journal,(ECSJ- Egypt), January 2007

- *Mohmed Al Laham & Ibrahiem M. M. El Emary, " Comparative Study Between Various Algorithms of Data Compression Techniques", International Journal of Computer Sciences and Network Security,(North Korea) , April 2007*
www.paper.ijcsns.org/07_book/html/200704/200704040.html
- *Mohamed F. Al Hunaity, Ibrahiem M. El Emary & Salam Nijm, " A Comparative Study Between Various Protocols of MANET Networks", American Journal of applied Sciences (USA), april 2007*
http://findarticles.com/p/articles/mi_7109/is_/ai_n28454306?tag=artBody;col1
- *Mohamed F. Al Hunaity, Ibrahiem M. M. El Emary & Salam Nijm, " Colored Digital Image Watermarking Using the Wavelet Technique ", Journal of Computer Sciences, (USA), April 2007*
http://findarticles.com/p/articles/mi_7109/is_/ai_n28454305?tag=artBody;col1
- *Ibrahiem M. M. El Emary, Salam A. Nijm & Samier Saied, " Performance Evaluation of Wireless IEEE 802.11b used for E- Learning Classroom Network", IAENG IJCS, (North Korea),August 2007*
www.iaeng.org/IJCS/issues_v34/issue_1/IJCS_34_1_7.pdf
- *Jamal M. Nazal, Ibrahiem M. M. El Emary & Salam A. Nijm, "Multilayer Perceptron Neural Network (MLPs) For Analyzing the Properties of Jordan Oil Shale ", World Applied Science Journal (Pakistan), Volume 5 Number 5, 2008*
[http://www.idosi.org/wasj/wasj5\(5\)2008.htm](http://www.idosi.org/wasj/wasj5(5)2008.htm)
- *Jamal M. Nazal, Ibrahiem M. M. El Emary & Salam A. Nijm, " Investigating Jordan Oil Shale Properties Using Artificial Neural Network (ANN)" World Applied Science Journal (Pakistan), Volume 5 Number 5, 2008*
[http://www.idosi.org/wasj/wasj5\(5\)2008.htm](http://www.idosi.org/wasj/wasj5(5)2008.htm)
- *Ibrahiem M. M. El Emary & M. Jaber, "A New Approach for Solving String Matching Problem through Splitting the Unchangeable Text, WASJ (Pakistan), Volume 4, No.5, 2008, PP.626-633*
[http://www.idosi.org/wasj/wasj4\(5\)2008.htm](http://www.idosi.org/wasj/wasj4(5)2008.htm)
- *Ibrahiem M. M. El Emary & Ala'a Al Zoabi, " New IP QoS Architecture for Voice and Data Convergence over DSL Lines", WASJ (Pakistan), Volume 4, No.5, 2008, PP.634-645*
[http://www.idosi.org/wasj/wasj4\(5\)2008.htm](http://www.idosi.org/wasj/wasj4(5)2008.htm)
- *Ibrahiem M. M. El Emary & S.Ramashrikan, " On the Application of Various Probabilistic Neural Networks in Solving Different Pattern Recognition", World Applied Sciences Journal (Pakistan), Vol.4, No.6,2008*
[www.idosi.org/wasj/wasj3\(2\)/14.pdf](http://www.idosi.org/wasj/wasj3(2)/14.pdf)
- *Ibrahiem M. M. El Emary & Rashad J. Rasras, " Real Time Human Tracking System with Dynamic Camera", World Applied Sciences Journal (Pakistan), Vol.4, No.6,2008*
[www.idosi.org/wasj/wasj3\(2\)/14.pdf](http://www.idosi.org/wasj/wasj3(2)/14.pdf)
- *Musbah J. Agel, Walid A'amar & Ibrahiem M. M. El Emary, "Modeling and Simulation of a Modified Bang-Bang Hysteresis Control Technique for a Three Phase PWM" , European Journal of Scientific Research, (Austria), Vol.23, No.2, November 2008*
www.eurojournals.com/ejsr_23_2_11.pdf
- *Musbah J. Agel & Naser Halasa, Ziad Al Qadi & Ibrahiem M. M. El Emary, " On the Implementation of Multiple Skip Multiple Pattern Matching Algorithm using FPGA Technology", European Journal of Scientific Research (Austria), Vol.4, No.6, November 2008*
www.eurojournals.com/ejsr_23_2_11.pdf
- *Ziad A. A. Alqadi, Musbah J. Agel & Ibrahiem M. M. El Emary, "Performance Analysis and Evaluation of Parallel Matrix Multiplication Algorithms", World Applied Sciences Journal (Pakistan), Vol.5, No.2, 2008*

[http://www.idosi.org/wasj/wasj5\(2\)/14.pdf](http://www.idosi.org/wasj/wasj5(2)/14.pdf)

- **Ibrahiem M. M. El Emary & Mona M. Abdel Kareem**, "On the Application of Genetic Algorithms in Finger Prints Registration", *World Applied Sciences Journal (Pakistan)*, Vol.5, No.3, 2008
[http://www.idosi.org/wasj/wasj5\(3\)/3.pdf](http://www.idosi.org/wasj/wasj5(3)/3.pdf)
- **Ibrahiem M. M. El Emary & Mona M. Abdel Kareem**, "Towards Using Genetic Algorithm for Solving Nonlinear Equation Systems ", *World Applied Sciences Journal (Pakistan)*, Vol.5, No.3, 2008
[http://www.idosi.org/wasj/wasj5\(3\)/4.pdf](http://www.idosi.org/wasj/wasj5(3)/4.pdf)
- **S.Ramashrikan & Ibrahiem M. M. El Emary**, " Comparative Study between Traditional and Modified Probabilistic Neural Networks", *Telecommunication System Journal (USA)*, Volume 40, Issue 1, 2009
www.springerlink.com/index/2483872nv8r4504g.pdf
- **Mouath A. Hourani & Ibrahiem M. M. El Emary**, " Linear Stepwise Regression (LSR) Imputation as a Novel Method for Estimation of the Missing Values in Gene Expression Profile", *Scientific Bulletin, Series: Electronics and Computer Science, University of Pitesti,(Romania)*, No.9, Vol.1, 2009
<http://www.orar.upit.ro/DocManagerPub/PublicSite/Main.aspx?cid=14>
- **Ibrahiem M. M. El Emary & Mona M. Abdel Kereem**, " Using Statistical Moments Invariant in Image Registration Process", *Scientific Bulletin, Series: Electronics and Computer Science, University of Pitesti,(Romania)*, No.9, Vol.1, 2009
<http://www.orar.upit.ro/DocManagerPub/PublicSite/Main.aspx?cid=14>
- **Ibrahiem M. M. El Emary & Mona M. Abdel Kereem**, "Finger Print Recognition using a New Platform of Genetic Algorithm", *Scientific Bulletin, Series: Electronics and Computer Science, University of Pitesti,(Romania)*, No.9, Vol.1, 2009
<http://www.orar.upit.ro/DocManagerPub/PublicSite/Main.aspx?cid=14>
- **Youssef Balouki, Mohamed Bouhadadi & Ibrahiem M. M. El Emary**, "A Denotational Semantics of Concepts in ODP Information Language ", *Scientific Bulletin, Series: Electronics and Computer Science, University of Pitesti,(Romania)*, No.9, Vol.1, 2009
<http://www.orar.upit.ro/DocManagerPub/PublicSite/Main.aspx?cid=14>
- **Rashad J. Rasrs, Ibrahiem M. M. El Emary & D.E. Skopin**, "A New Art-1 Neural Network Interface Model Adopted for Color Images Recognition", *Scientific Bulletin, Series: Electronics and Computer Science, University of Pitesti,(Romania)*, No.9, Vol.1, 2009
<http://www.orar.upit.ro/DocManagerPub/PublicSite/Main.aspx?cid=14>
- **Ibrahiem M. M. El Emary** , **Mohammed Ababneh & Ismael AL-Taharwa**, "A New Technique Based on Genetic Algorithm for Solving the Mobile Robot Path Planning Problem", *MASAUM Journal of Computing(Pakistan)*, Vol.1, No.2 September 2009
<http://www.masaumnet.com/archives/mjc/volume1/issue2/index.html>
- **Al Dahoud Ali, Ibrahiem M. M. El Emary & Mona M. Abd El Kereem**, "Application of Genetic Algorithm in Solving Linear Equation System", *MASAUM Journal of Basic and Applied Science(Pakistan)*, Vol.1, No.2 September 2009
<http://www.masaumnet.com/archives/mjbas/volume1/issue2/index.html>
- **Ibrahiem M. M. El Emary, Sherif Gad & Hamzeh Al Jazazzi**, " Testing the Performance of GSM using a Proposed Semi Automated Method", *Scientific Bulletin, Series: Electronics and Computer Science, University of Pitesti,(Romania)*, No.9, Vol.2, 2009
<http://www.orar.upit.ro/DocManagerPub/PublicSite/Main.aspx?cid=14>
- **Ibrahiem M. M. El Emary, Al Dahoud Ali & Mona M. Abd El-Kareem**, " Solving Min-Max Problems using Genetic Algorithm", *Scientific Bulletin, Series: Electronics and Computer Science, University of Pitesti,(Romania)*, No.9, Vol.2, 2009
<http://www.orar.upit.ro/DocManagerPub/PublicSite/Main.aspx?cid=14>

- Mohammed AbuHajar, **Ibrahiem M.M. El Emary**, Said AbuSha'ar & Ayman Murad, " Quality of Service Model for Dynamic Source Routing Protocol", World Applied Science Journal(Pakistan), Volume 7 Number 4, 2009
[http://www.idosi.org/wasj/wasj7\(4\)2009.htm](http://www.idosi.org/wasj/wasj7(4)2009.htm)
- Youssef Balouki, Mohamed Bouhadadi & **Ibrahiem M. M. El Emary**, " Using BPEL for Behavioral Concepts in ODP Computational Language", Egyptian Computer Science Journal (Egypt), Vol.33, No.1, September 2009.
<http://www.net.shams.edu.eg/ecs>
- **Ibrahiem M. M. El Emary**, Walid Emar & Musbah J. Aqel, " The Adaptive Fuzzy Designed PID Controller using Wavelet Network", The International Journal of Computer science and information Systems, (Serbia), December 2009
<http://www.comsis.org/ComSIS/Vol6No1/RegularPapers/paperH.htm>
- Mou'th Hourani & **Ibrahiem M. M. El Emary**, " Microarray Missing Values Imputation Methods: Critical Analysis Review", The International Journal of Computer science and information Systems, (Serbia), December 2009
<http://www.comsis.org/ComSIS/Vol6No1/RegularPapers/paperH.htm>
- Rashad J. Rasras, **Ibrahiem M. M. El Emary** & Skopin D.E, " A New Color to Binary Interface Models and Parallel Implementation of ART-1 for Recognition of Color Patterns", World Applied Science Journal (Pakistan), Vol.8, Number5, 2009
[http://www.idosi.org/wasj/wasj8\(5\)2009.htm](http://www.idosi.org/wasj/wasj8(5)2009.htm)
- S.Ramashrikan & **Ibrahiem M. M. El Emary**, ' Classification Brain MR Images through a Fuzzy Multiwavelets Based GMM and Probabilistic Neural Networks", Telecommunication System Journal (USA), Volume 46, Issue 3, March 2011.
- Mona M. Abd El-Kareem, **Ibrahiem M. M. El Emary** & Mahmoud M.M.H. El-Arabawy, ' Comparative Study between the Performance of Genetic Algorithm and Linear Programming in Solving MXN Game', MASAUM Journal of Computing(Pakistan), Vol.1, No.4 September 2009
<http://www.masaumnet.com/archives/mjbas/volume1/issue4/index.html>
- **Ibrahiem M. M. El Emary** & S.Ramashrikan, " A Critical Review of Statistical Modeling of Digital Images", IAENG International Journal of Computer Science(Hong Kong), February 2010
http://www.iaeng.org/IJCS/issues_v37/issue_1/IJCS_37_1_12.pdf
- S.Ramashrikan & **Ibrahiem M. M. El Emary**, "Estimation Techniques for Statistical Model Parameters of Digital Images", Journal of Scientific Bulletin, Series: Electronics and Computer Science, of the University of Pitesti.(Romania), Issue 10, April 2010
<http://www.orar.upit.ro/DocManagerPub/PublicSite/Main.aspx>
- **Ibrahiem M. M. El Emary**, "Investigating the Performance of Segmented CSAM/CD LANs under Various Types of Retransmission Control Algorithms", International Review on Computers and Software (IRECOS- Italy), Issue 1, January 2010.
www.praiseworthyprize.com/IRECOS.htm
- **Ibrahiem M. M. El Emary**, "Role of Inverse Kinematics in Computer Animation Sequence", Egyptian Computer Science Journal (ECSJ- Egypt), January 2010
<http://www.net.shams.edu.eg/ecs>
- **Ibrahiem M. M. El Emary**, "Voice Quality Requirements over DSL Networks", Sequence", International Journal of Computer Science and Engineering (IJCSE-India), Vol.2, No.2, March 2010
<http://www.enggjournals.com/ijcse>

- **Ibrahiem M. M. El Emary**, " New Software Tool for Managing the Performance of LANs", *International Journal on Technical and Physical Problems of Engineering (IJTPE- Azerbaijan)*, Volume 1, Number 1, March 2010
<http://www.iotpe.com/TPE-Journal/IJTPE-2010/IJTPE-Mar2010-No1-Vol1/IJTPE-Mar2010- o1-Vol1-Pg60-65.pdf>
- **Ibrahiem M. M. El Emary**, "Improving the Performance of Integrated Service Networks using Self Adaptive CSMA/CD and Various Control Algorithms" , *International Journal on Technical and Physical Problems of Engineering (IJTPE-Azerbaijan)*, Volume 1, Number 1, March 2010
<http://www.iotpe.com/TPE-Journal/IJTPE-2010/IJTPE-Mar2010-No1-Vol1/IJTPE-Mar2010-No1-Vol1-Pg66-72.pdf>
- **Ibrahiem M. M. El-Emary**, Mohamed FEZARI & Hadj Ahmed ABBASSI, Speech As A High Level Control for tele-operated Manipulator Arm", *Journal of Communication and Computer- JCC (USA)*, Vol.7, 2010
www.informatics.org.cn
- **Ibrahiem M. M. El-Emary** & Samir S. Malallah, " Effect of Varying Mobility on the Performance of MANET Protocol", Accepted for publication in *Journal of Communication and Computer- JCC (USA)*, May 2010
www.informatics.org.cn
- Mou'ath Hourani, Pritha Mahata & **Ibrahiem M. M. El Emary**, " Investigating the Change of the Hierarchical Pattern of Gene Expression in the Normal and Parkinson's Brain using a Combinatorial Optimization Based Unsupervised Clustering Method", *Scientific Bulletin of Bucharest Politehnica University (Romania)*, May 2010
www.scientificbulletin.upb.ro
- **Ibrahiem M. M. El Emary**, Saied Abou Shar & Ayman Mourad, " An Enhanced Routing Protocol for Mobile Ad Hoc Network (MANET)", Accepted for publication in *Journal of Communication and Computer-JCC (USA)*, May 2010
www.informatics.org.cn
- **Ibrahiem M. M. El Emary** & Kareem Hussain, "A Classification Study for E-Learning Modules Adapted for Disable Persons", Accepted for publication in *Journal of Communication and Computer- JCC (USA)*, May 2010
www.informatics.org.cn
- **Ibrahiem M. M. El Emary** & Khalid S. Husain, "On the Design of Simulation Package for GPRS Network", *International Journal of Computer Science and Engineering, IJCSE-India*, Vol.02, No.03, 2010
www.enggjournals.com/ijcse/doc/IJCSE10-02-03-120.pdf
- Dmitriy E. Skopin, **Ibrahiem M. M. El Emary**, Rashad J. Rasras, Ruba S. Diab, " Advanced Algorithms in Audio Steganography for Hiding Human Speech Signal", Accepted for publication in *Journal of Scientific Research and Essays- SRE- Nigeria* on October 2010
www.academicjournals.org/sre
- **Ibrahiem M. M. El Emary**, Mohamed FEZARI, Hamza ATTOUI "HMM/GMM Based Voice Command System, A Way to improve the control for Remotely Operated Robot Arm TR45", *Scientific Research and Essay, SRE- Nigeria*
www.academicjournals.org/sre/PDF/pdf2011/.../El-emary%20et%20al.pdf
- S. Ramakrishnan & **Ibrahiem M. M. El Emary**, "Estimation Techniques for Statistical Model Parameters of Digital Images", *University of Pitesti Scientific Bulletin: Electronics and Computer Science, (Romania)*, Vol.10, Issue 1, 2010
http://fecc_bulletin.upit.ro

- Jafar S. Al Hasani, **Ibrahiem M. M. El Emary**, Ala'a Al Zu'bi & Hanen N. Heyasat, "Computational Intelligence Technique in Human Chromosomes Classification Process", *University of Pitesti Scientific Bulletin: Electronics and Computer Science*, (Romania), Vol.10, Issue 1, 2010
http://fecc_bulletin.upit.ro
- Mu'tasam Okasheh, Adnan I. Al Rabea and **Ibrahiem M. M. El Emary**, "An improved architecture design of shared repository database model", *Scientific Research and Essays*, SRE- U.S.A- Vol.5(24), Dec.2010
<http://www.academicjournals.org/sre/contents/2010cont/18Dec.htm>
- **Ibrahiem M. M. El Emary**, Mohamed FEZARI& Hamza ATOUI, " Hidden Markov model/Gaussian mixture models (HMM/GMM) based voice command system: A way to improve the control of remotely operated robot arm TR45", *Scientific Research and Essays*, SRE- U.S.A- Vol. 6(2), pp. 341-350, 18 January, 2011
<http://www.academicjournals.org/sre/contents/2011cont/18Jan.htm>
- Samir M. Said , **Ibrahiem M. M. El Emary** & Shatha Kadim, " Comparative study between the performance of proactive and reactive mobile ad-hoc networks (MANET) routing protocols with varying mobility", *Scientific Research and Essays*, SRE- U.S.A- Vol. 6(6), pp. 1256-1274, 18 March, 2011
<http://www.academicjournals.org/sre/contents/2011cont/18Mar.htm>
- **Ibrahiem M. M. El Emary**, Hamza ATOUI, Mohamed FEZARI and Mouldi BEDDA, "Spotted Words Recognition System Based on Kalman Filter and HMM Models to Control the Movement of the Manipulator Arm", *Scientific Research and Essays*, SRE- U.S.A- Vol. 6(8), pp. 1808-1816, 18 April, 2011
<http://www.academicjournals.org/sre/contents/2011cont/18Apr.htm>
- Ayman G. Fayoumi & **Ibrahiem M. M. El Emary**, "Optimizing the Performance of LAN that Uses CSMA/CD Protocol", Accepted for publication in *European Journal for Scientific Research- (EJSR- Austria)* on August 2010
www.eurojournals.com
- **Ibrahiem M. M. El Emary**, Mohamed FEZARI& Hamza ATOUI, " Hidden Markov model/Gaussian mixture models (HMM/GMM) based voice command system: A way to improve the control of remotely operated robot arm TR45", *Scientific Research and Essays*, SRE- U.S.A- Vol. 6(2), pp. 341-350, 18 January, 2011
<http://www.academicjournals.org/sre/contents/2011cont/18Jan.htm>
- S.Ramashrikan & **Ibrahiem M. M. El Emary**, ' Classification Brain MR Images through a Fuzzy Multiwavelets Based GMM and Probabilistic Neural Networks", *Telecommunication System Journal (USA)*, Volume 46, Issue 3, March 2011.
<http://www.springer.com/business+%26+management/business+information+systems/journal/11235>
- **Ibrahiem M. M. El-Emary** & Samir S. Malallah & Shatha J Kadhim " Effect of Varying Mobility on the Performance of MANET Protocol", *Journal of Communication and Computer (USA)* Vol.8, pp.523-535, 2011

www.informatics.org.cn

- Samir M. Said , **Ibrahiem M. M. El Emary** & Shatha Kadim, " Comparative study between the performance of proactive and reactive mobile ad-hoc networks (MANET) routing protocols with varying mobility", *Scientific Research and Essays*, SRE- U.S.A- Vol. 6(6), pp. 1256-1274, 18 March, 2011
<http://www.academicjournals.org/sre/contents/2011cont/18Mar.htm>
- **Ibrahiem M. M. El Emary**, Hamza ATOUI, Mohamed FEZARI and Mouldi BEDDA, "Spotted Words Recognition System Based on Kalman Filter and HMM Models to Control the

Movement of the Manipulator Arm", *Scientific Research and Essays, SRE- U.S.A- Vol. 6(8)*, pp. 1808-1816, 18 April, 2011

<http://www.academicjournals.org/sre/contents/2011cont/18Apr.htm>

○ Ayman G. Fayoumi & **Ibrahiem M. M. El Emary**, "Optimizing the Performance of LAN that Uses CSMA/CD Protocol", *European Journal of Scientific Research- (EJSR- Austria)*. Vol.57, No.2, pp.244-256, 2011

www.eurojournals.com

○ **Ibrahiem M. M. El Emary**, Ayman Murad & Said Abu Shaar, "An Enhanced Routing Protocol for Mobile Ad Hoc Network (MANET)", *Journal of Communication and Computer (USA)* No.8, pp.454-470, 2011

www.informatics.org.cn

○ S. Ramakrishnan & **Ibrahiem M. M. El Emary**, "Speech Emotion Recognition Approaches in Human Computer Interaction", *Telecommunication System Journal (USA)*, published online 02 September 2011

<http://www.springer.com/business+%26+management/business+information+systems/journal/11235>

○ A.V. Senthil Kumar, Adnan Al Rabea & **Ibrahiem M. M. El Emary**, "Frequent Itemsets Mining: An Efficient Graphical Approach", *World Applied Programming (India)*, Vol.1, No.5, December 2011

www.wapprogramming.com

○ Adnan Al Rabea, **Ibrahiem M. M. El Emary** & A.V.Senthil Kumar; "The Essential Security Aspects of Wireless Sensor Networks: Issues, Goals and Challenges", *Science Series Data Report (USA)*, Vol.4, Issue 1, January 2012

<http://www.ssdsciencerecord.com/>

○ **Ibrahiem M. M. El Emary** & S. Ramakrishnan, "Paramount Importance of Security in Wireless Sensor Networks", *Science Series Data Report (USA)*, Vol.4, Issue 2, February 2012

<http://www.ssdsciencerecord.com/>

○ Dmitriy E.Skopin, **Ibrahiem M. M. El Emary**, Rashad Rasras & Ruba Diab, "Novel Approaches for Hiding Human Speech Signal", *Science Series Data Report (USA)*, Vol.4, Issue 3, March 2012

○ **Ibrahiem M. M. El Emary** & Kareem Hussain, "Analyzing the Various Aspects of E-Learning Modules for the Hearing Impaired Students", *International Journal of Academic Research (IJAR)*, Azarbijan, May 2012

www.ijar.lit.az

○ A.V. Senthil Kumar, **Ibrahiem M. M. El Emary** & Adnan I. Al Rabea, "Optimized Clustering Algorithm for Content Based Image Retrieval", *International Journal of Advanced Research in Computer (IJARC- India)*, Vol.3, No.2. March 2012

○ A.V. Senthil Kumar, B. Arun Kumar, Adnan I. Al Rabea & **Ibrahiem M. M. El Emary**, "An Algorithm for Target Tracking in Mobile Sensor Networks", *Research Notes in Information Science (RNIS- India)*, Vol.9, May 2012

○ Hassan A. Alsereihy, Bader A. Alyoubi & **Ibrahiem M.M. El Emary**, "Effectiveness of Knowledge Management Strategies on Business Organizations in KSA: Critical Reviewing Study", *Middle-East Journal of Scientific Research* 12 (2): 223-233, 2012

[www.idosi.org/mejsr/mejsr12\(2\)12/12.pdf](http://www.idosi.org/mejsr/mejsr12(2)12/12.pdf)

○ **Ibrahiem M.M. El Emary**, Hassan A. Alsereihy and Adel A. Alyoubi, "Towards Improving the Performance of STC Saudi Using Knowledge Management Strategies", *Middle-East Journal of Scientific Research* 12 (2): 234-242, 2012

[www.idosi.org/mejsr/mejsr12\(2\)12.htm](http://www.idosi.org/mejsr/mejsr12(2)12.htm) -

- **Ibrahiem M.M. El Emary** and Bader A. Alyoubi and Mohamed J. Aref, " Toward Investigating the Requirements of Knowledge Management in the Arab Cities: Case Study of the Dubai City", *Middle-East Journal of Scientific Research* 12 (3): 357-364, 2012
[www.idosi.org/mejsr/mejsr12\(3\)12.htm](http://www.idosi.org/mejsr/mejsr12(3)12.htm)
- **Ibrahiem M. M. El Emary**, Bader A. Alyoubi, Adel A. Alyoubi & Reda M. Salama, "Major Challenges Facing WSN in Medical Applications", *International Journal of Academic Research*, Vol.4, No.6, Nov.2012
www.ijar.lit.az/en.php?go=current
- **Ibrahiem M. M. El Emary** & Karim Q. Hussien, "various aspects of e-learning modules for the hearing impaired students", *International Journal of Academic Research* Vol.4, No.3, May 2012
www.ijar.lit.az/en.php?go=May2012
- **Ibrahiem M. M. El Emary** & Karim Q. Hussien & Bader A. Alyoubi, " Security Issues of Wireless Sensor Networks in Various Applications", *International Journal of Academic Research*, Vol.4, No.6, Nov.2012
www.ijar.lit.az/en.php?go=current
- **Ibrahiem M. M. El Emary** & Mona M. Abdulkareem, "A Surveyed Study on Adopting Genetic Algorithm in Image Registration Process", *Innova Ciencia (USA)*, Vol.5, Issue 1, January 2013
www.ic.sciencerecord.com/
- Adel . A. Alyoubi, Bader . A . Alyoubi, Hassan A. Alsereihy, Mohammad J. Arif, **Ibrahiem M. M. El Emary**, " Recent Study Concerning the Application of Social Media Strategies in UK University", *Science Series Data Report Journal*, No.12, volume 4, Dec 2012
<http://www.ssdr.sciencerecord.com/archive/index.php/volume=4&issue=12>
- Bader A. Al Youbi, Adel A. Alyoubi, Mohammad J. Arif, Hassan A. Alsereihy & **Ibrahiem M. M. El Emary**, "Role of Academy System on the Overall Performance of University: Some Case Studies in the Term of Prose and Cone", *Science Series Data Report Journal*, No.12, volume 4, Dec 2012
<http://www.ssdr.sciencerecord.com/archive/index.php/volume=4&issue=12>
- Bader . A . Alyoubi, Adel. A. Alyoubi, **Ibrahiem M. M. El Emary**, "An Advanced Algorithm for Web prefetching Using the Semantic Web in Global Search Site", *Innova Ciencia (USA)*, Vol.5, Issue 1, January 2013
www.ic.sciencerecord.com/
- **Ibrahiem M. M. El Emary** & Bader A. Alyoubi, "Adopting Real Time Operating Systems for Various Applications", *International Journal of Academic Research*, Vol.5, No.1, Nov.2013
<http://www.ijar.lit.az/en.php?go=current>
- **Ibrahiem M.M. El Emary**, Mohammed H. Shalhoub, Mohammad J. Arif, Hassan A. Alsereihy, Leena A. Shalhoub, Nasr A. Al-Sahhaf, "Social engineering and its effective role in securing and defending the knowledge community", *International Journal of Academic Research*, Vol.5, No.1, Nov.2013
<http://www.ijar.lit.az/en.php?go=current>
- Hassan Al Shalabi & **Ibrahiem M. M. El Emary**, "Various Approaches for Enhancing the Performance of Wireless Sensor Networks", *International Journal of Computer Science Issues*, Vol.10, Issue 1, No.1, January 2013
<http://ijcsi.org/articles/Various-approaches-for-enhancing-the-performance-of-wireless-sensor-networks.php>
- **Ibrahiem M. M. El Emary** , " Role of Social Media in Advancing The Three Cs (Coordination & Cooperation& Collaboration)", *The International Journal of Soft Computing and Software Engineering [JSCSE]*, Vol. 3, No. 3, March 2013
<http://www.jsce.com/papers/vol3.no3/vol3.no3.5.pdf>

- **Ibrahiem M. M. El Emary**, Bassant M. Albagoury, Bader Alyoubi & Salam A. Najim, "An Effective Intelligent Approach for Managing the Performance of Telecommunication Networks", *European Journal of Scientific Research*, Volume 100 No 3 May, 2013
www.europeanjournalofscientificresearch.com/ISSUES/EJSR_100_3.htm
- Bassant Mohamed El-Bagoury, **Ibrahiem M.M. El-Emary**, Hans-Dieter Burkhard & Abdel-Badeeh M.Salem, "Towards Designing a Novel Multi Adjustable Robots Soccer Adopted for Humanoid Platform", *European Journal of Scientific Research*, Volume 100 No 3 May, 2013
www.europeanjournalofscientificresearch.com/ISSUES/EJSR_100_3.htm
- Mohamed Fezari & **Ibrahiem El-Emary**, "Semantic Analysis: An Approach to Improve Spotted Words Recognition System", *European Journal of Scientific Research*, Volume 100 No 3 May, 2013
www.europeanjournalofscientificresearch.com/ISSUES/EJSR_100_3.htm
- **Ibrahiem M. M. El Emary** & Bader A. Alyoubi, "Benefits of Social Networks in Developing Countries", *European Journal of Scientific Research*, Volume 100 No 3 May, 2013
www.europeanjournalofscientificresearch.com/ISSUES/EJSR_100_3.htm
- **Arif Mohammad Jafar**, El Emary, **Ibrahiem M. M. , Koutsouris, Dimitrios-Dionisios**, "A review on the technologies and services used in the self-management of health and independent living of elderly", *Technology and Health Care*, vol. 22, no. 5, pp. 677-687, 2014
- **Mohammad J. Arif**, **2Ramakrishnan S**, **3 Ibrahiem M. M. El Emary**, **4Hassan A. Alsuraihi**, **5Muthanantha Murugavel A. S.**, "Classification of Epileptic EEG Signals using Wavelet-EMD-Domain Features and Improved Multi-class SVM", *Journal of Engineering Technology (ISSN 0747-9964) Volume 6, Special Issue on Technology Innovations and Applications Oct. 2017, PP. 423-440*

Papers in Refreed International Conferences...

- Sayed Abdel Hadi, Salwa H. El Ramly and **Ibrahiem M.M. El Emary** , " A Powerful Simulation Technique Suitable for Performance Evaluation of Different CSMA/CD Protocols", 16th National Conference of Radio Science URSE and IEEE (Held in Ain Shams University, Cairo, **Egypt** on 22-25 Feb.1999)
www.ieeexplore.ieee.org/iel4/6156/16458/00760959.pdf?arnumber=760959
- **Ibrahiem M. M. El Emary**, Jafar S. Al Hasani and Mohanad Al Obaiedy, "On the Design of Software Package to Predict and Track the Performance and Faulty Conditions for a Double Loop Computer Networks", 7th World Multiconference on Systemic, Cybernetics and Informatics SCI 2003 (Held in Orlando, Florida, **U.S.A** on 27-29, Jul.2003)
- **Ibrahiem M. M. El Emary**, Jafar S. Al Hasani and Mohamed Ababneh, "Presentation of a New Software Package for Monitoring and Controlling the Performance of a Combined LAN Topology", 7th World Multiconference on Systemic, Cybernetics and Informatics SCI 2003 (Held in Orlando, Florida, **U.S.A** on 27-29, July2003)
- **Ibrahiem M. M. El Emary** and Mohamed Ababneh, "Investigating the Performance of a Segmented CSMA/CD LANs Under Various Retransmission Control Algorithms", *International Conference on Information Technology and Natural System ICITNS 2003* (Held in Al Zaytoonah University, Amman, **Jordan** on 19-21, Oct.2003)
- **Ibrahiem M. M. El Emary** and Farouk Al Taweel, "Managing the Real Time Communication Network Using Distributed Artificial Intelligence", *Second International Conference on Soft Computing ICSC 2004, European Polytechnical Institute, Osvobozen* (Held in Kunovice, **Czech Republic**, 29- 31, Jan.2004)

- **Ibrahiem M. M. El Emary**, "On the Application of Intelligent Agents for Managing High Speed Local Area Network", Second International Conference on Soft Computing ICSC 2004 , European Polytechnical Institute, Osvobozen (Held in Kunovice, **Czech Republic**, 29-31 Jan. 2004)
- **Ibrahiem M. M. El Emary**, " Studying the Effect of Feedback Information on the Performance of MAC Protocols", Symposium on Management and Cyber-Informatics:RMCI'04 (Held in Orlando, Florida, **U.S.A** , 18-21 Jul. 2004)
- **Ibrahiem M. M. El Emary**, " Examining the Rule of Modified Backoff Algorithm and Partitioning Techniques on the Performance of CSMA/CD LANs", Symposium on Management and Cyber- Informatics:RMCI' 04 (Held in Orlando, Florida, **U.S.A** , 18-21 Jul. 2004)
- **Ibrahiem M. M. El Emary**, " On- Line Structural Approach for Recognizing Hand-Written Indian Numbers" , IASTED International Conference on Intelligent Systems and Control ISC2005 (Held in Cambridge, **U.S.A** on October 31- Nov. 2, 2005)
- Aldahoud Ali and **Ibrahiem M. M. El Emary**, " An Advanced Approach for Improving the Performance of CSMA/CD LANs", WSEAS International Conferences (Held in **Malta**, on 15-17 Sep. 2005)
- **Ibrahiem M. M. El Emary**, "Towards Managing the Computer Communication Networks Using Advanced Artificial Intelligence Technique", International Conference on Dependability of Computer Systems DepCos'06(Held in Wroclaw, **Poland** on 25-27 May 2006)
- **Ibrahiem M. M. El Emary**, " Design Concepts and Limitations of a Website For E-Learning of Software Engineering Course ", International workshop on Intelligent Technologies for E- Learning,(Held in PSU , Amman, **Jordan** on 19-21 Apr. 2006)
- **Ibrahiem M. M. El Emary** & Jihad A. Abu Sondos, "The Role of Multimedia Technologies in Enhancing The Teaching Process of Economic Information System" , International workshop on Intelligent, Technologies for E- Learning,(Held in PSU , Amman, **Jordan** on 19-21 Apr. 2006)
- Khalaf Khatatneh and **Ibrahiem M. M. El Emary**, " Enhancing the Performance of Entropy Algorithm using Minimum Tree in Decision Tree Classifier", World Congress on Engineering and Computer Sciences , (Held in San Francisco, **USA**, on 24-26 October 2007)
www.iaeng.org/WCECS2007/doc/titles_A_D.html
- Mohamed Al Laham and **Ibrahiem M. M. El Emary**, " Comparative Study Between Various Algorithms of Data Compression Techniques" World Congress on Engineering and Computer Sciences , (Held in San Francisco, **USA**, on 24-26 October 2007)
www.iaeng.org/WCECS2007/doc/titles_O_Others.html
- Musbah J. Aql, **Ibrahiem M. M. El Emary**, Mohamed F. Al Hunaity, "Formal Specification of Mobile IP Using Mobile Z", Networking and Electronic Commerce Research Conference(NAEC'07), (Held in Riva Del Garda, **Italy** on 18-21 October, 2007)
www.iaeng.org/WCECS2007/doc/titles_A_D.html
- Salam A. Nijm, **Ibrahiem M. M. El Emary** & Samir Saied, "Performance Evaluation of Wireless IEEE 802.11b used for E-Learning Classroom Network", Czech Association of Distance Teaching Universities Conference(CADUV'07),(Held in Podebrdy, **Czech Republic**, 15-16 April, 2007)
www.czechuniversity.com/dokumenty/konference/2004/ISCS_2004.pdf

- Adnan I Al Rabea, **Ibrahiem M. M. El Emary** & Moutasem Oukasha, ' Towards Building an Enhancement Approach for Improving the Performance of Shared Repository pattern" International Conference on Advanced Computer Theory and Engineering,(Held in Phuket, **Thailand**, 20-22 December, 2008)
<http://www.icacte.org/>
<http://ieeexplore.ieee.org/search/srchabstract.jsp>
- Zoubeer Hamici & **Ibrahiem M. M. El Emary**, " On the Implementation of an Advanced Online E-Grade System: Case Study of E-Learning System", Second International Conference on Information and Communication Technologies and Accessibility (ICTA'09), (Held in Hammamat, **Tunisia** , 7-9 May, 2009)
<http://www.icta.rnu.tn/index.php?picta=19>
- **Ibrahiem M. M. El Emary**, Mohammed F. Ababneh & M. Weshah, " On The Development of Cost Estimation Technique Adopted for Distance Learning System", Second International Conference on Information and Communication Technologies and Accessibility (ICTA'09), (Held in Hammamat, **Tunisia** , 7-9 May, 2009)
<http://www.icta.rnu.tn/index.php?picta=19>
- **Ibrahiem M. M. El Emary**, Aldahoud Ali & Ala'a Al Zouabi, " Loss Packet and Error concealment in VoIP over DSL Network", Second International Conference on Information and Communication Technologies and Accessibility (ICTA'09), (Held in Hammamat, **Tunisia** , 7-9 May, 2009)
<http://www.icta.rnu.tn/index.php?picta=19>
- Said AbuSha'ar, Mohammad Salem Ajarma, Mou'ath Hourani, **Ibrahiem M. M. El Emary**, " A New Methodology (3A) for E-Learning in Higher Education", Second International Conference on Information and Communication Technologies and Accessibility (ICTA'09), (Held in Hammamat, **Tunisia** , 7-9 May, 2009)
<http://www.icta.rnu.tn/index.php?picta=19>
- Said AbuSha'ar, Mohammad Salem Ajarma, Mou'ath Hourani, **Ibrahiem M. M. El Emary**, " A New Adopting Methodology to Enhance E-learning in Higher Education", Second International Conference on Information and Communication Technologies and Accessibility (ICTA'09), (Held in Hammamat, **Tunisia** , 7-9 May, 2009)
<http://www.icta.rnu.tn/index.php?picta=19>
- **Ibrahiem M. M. El Emary** & Roba M. Ali, " Motivation of QoS Management for VoIP", International Conference of Telecommunication Systems Management(ICTSM'09), (Held in California, **USA**, 9-11 July, 2009)
<http://www.atsma.org/Conferences/ICTSM2009/index.html>
- Rahma R. Mahmoud Al Wahab, Jafar S. Al Hasani & **Ibrahiem M. M. El Emary**, " On the Enhancement of Opportunistic Auto Rate Protocol for Multi- Rate Wireless Networks", International Conference of Telecommunication Systems Management(ICTSM'09), (Held in California, **USA**, 9-11 July, 2009)
<http://www.atsma.org/Conferences/ICTSM2009/index.html>
- **Ibrahiem M. M. El Emary** & Mona M. Abdel Kereem, " On the Application of Genetic Algorithm in Fingerprint Identification", The Third Edition of International Conference: Electronics, Computers and Artificial Intelligence (ECAI'09), (Held in Pitesti, Romania, 3-5 July, 2009)
<http://www.upit.ro/index.php?i=880>
- **Ibrahiem M. M. El Emary** & Mona M. Abdel Kereem, " Pattern Recognition using Moments Invariance Techniques", The Third Edition of International Conference: Electronics, Computers and Artificial Intelligence (ECAI'09), (Held in Pitesti, Romania, 3-5 July, 2009)
<http://www.upit.ro/index.php?i=880>

- **Ibrahiem El-Emary** ,Mohamed FEZARI, Hadj Ahmed ABBASSI, "Speech As A High Level Control for tele-operated Manipulator Arm", The 2nd IEEE International Conference on on Advanced Computer Control (ICACC'2010), (Held in Chengyang, China, 27-29 March, 2010)
<http://www.icacc.org/>
- Dimitriy Skopin, **Ibrahiem M. M. El Emary**, Rashad Rasras & Ruba S. Diab, " An Advanced Algorithm of Audio Steganography for Hiding Human Speech Signal" The 2nd IEEE International Conference on on Advanced Computer Control (ICACC'2010), (Held in Chengyang, China, 27-29 March, 2010)
<http://www.icacc.org/>
- **Ibrahiem M. M. El Emary** & Khalid S. Husain, " Optimizing the Management Perspectives of Wireless Sensor Networks, TMFCS'2010, Orlando, Florida, USA, 14-16 July, 2010
<http://www.promoteresearch.org/2010/tmfcs/session1.html>
- Marwa Al Saafin, **Ibrahiem M. M. El Emary** & Said Abu Shaar, " Towards Developing a New Methodology of Digital Library using Text Mining Approach", Networking and Electronic Commerce Research Conference (NAEC 2010), (Held in Riva Del Garda, Italy, 7-10 October 2010)
http://www.atsma.org/Conferences/NAEC_2010/index.html.
- **Ibrahiem M. M. El Emary** & Khalid S. Hussain, " Congestion Control Techniques of Wireless Sensor Networks: A Survey Study", Networking and Electronic Commerce Research Conference (NAEC 2010), (Held in Riva Del Garda, Italy, 7-10 October 2010)
http://www.atsma.org/Conferences/NAEC_2010/index.html.
- **Ibrahiem M. M. El Emary** & Khalid S. Hussain, " Congestion Control Techniques of Wireless Sensor Networks: A Survey Study", Networking and Electronic Commerce Research Conference (NAEC 2010), (Held in Riva Del Garda, Italy, 7-10 October 2010)
http://www.atsma.org/Conferences/NAEC_2010/index.html.
- **Ibrahiem M. M. El Emary** & Ayman G. Fayoumi, " Congestion Control Algorithms of Wireless Sensor Networks", Networking and Electronic Commerce Research Conference (NAEC 2011), (Held in Riva Del Garda, Italy, 13-16 October 2011)
http://www.atsma.org/Conferences/NAEC2011/NAEC2011_Program_and_Schedule.pdf
- **Ibrahiem M. M. El Emary** & Mona M. Abdel Kareem. "Fingerprints Registration Using Genetic Algorithm", Proceedings of the 15th WSEAS International Conference on Computers, Corfu Island, Greece, July 15-17, 2011
<http://www.wseas.us/books/2011/Corfu/COMPUTERS.pdf>
- **Ibrahiem M. M. El Emary**, Abel Badeeh Salem & A. V. Senthil Kumar, " Cloud Computing in Education Systems: Capabilities and Limitations", 8 th Annual International Conference on Computer Science and Information Systems, Athens, Greece on 21-24 May 2012.
<http://www.atiner.gr/computer.htm>
- Mohamed Fezari, **Ibrahiem M. M. El Emary**, Mohamed Boumaza & Hamza Attoui; "Improvement of Spotting Words Speech Recognition Agent for Tele-operating a Manipulator Arm", The Fourth International Conference on Networked Digital Technologies (NDT 2012), Canadian University of Dubai, UAE April 24-26, 2012
- Mohamed FEZARI, Rachad Rasras and Ibrahiem M. M. El Emary, "Ambulatory Health Monitoring System Using Wireless Sensors Node", International Conference on Communication, Management and Information Technology, Czech Republic, 21-23 April, 2015

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

References...

- **Prof. Eduard Babulak PhD, CEng, SMIEEE**
Visiting Professor of Information Technology, FDU- Vancouver, **Canada**
E-mail: babulak@ieee.org
- **Prof. Musbah J. Aqel** (Electrical Engineering Department, Faculty of Engineering ,Applied Science University, Amman,**Jordan**)
E-mail:musbahaqel@yahoo.com
- **Prof. Abdel Fatah Mahmoud** (Faculty of Engineering ,Assut University, Assut, **Egypt**)
E-mail: afmm48@hotmail.com
- **Prof. Qing Tan** (School of Computer Science and Information Technology, Athabasca University, Canada)
E-mail: qingt@athabasca.ca

Dr.Ibrahiem M. M. El Emary