



Hany M. Harb (Professor)
Computers and Systems Engineering Department
Faculty of Engineering
Al-Azhar university

عميد كلية تكنولوجيا المعلومات جامعه مصر للعلوم والتكنولوجيا 2016-2021

رئيس مؤتمر ACIT 2020

مستشار رئيس مجلس الامناء جامعه مصر للعلوم والتكنولوجيا

Address : 17th Alghaith Street #801, Agouza, egypt
Nasr City, Azhar University, faculty of Engineering

Tel. No. : (202)33456499, (202)33024564, (20122)4142158

Birth Date : 1/ 1/ 1955

Nationality : Egyptian

e-mail : harbhany@yahoo.com, hany.harb@must.edu.eg

home page : harb.netfirms.com

Education

- Doctor of philosophy (Ph.D.), Computer Science, Illinois Institute of Technology (IIT), Chicago, Illinois, USA, 1986.
- Master of Science in Operations Research (MSOR), IIT, 1987.
- Master of Science in Computers and Systems Engineering, Faculty of Engineering, Azhar University, Cairo, Egypt, 1981.
- Bachelor of Science in Computers and Control Engineering, Faculty of Engineering, Ain Shams University, Cairo, Egypt, 1978.

Teaching and Training Courses

Programming Language Concepts, Systems Programming, C++ programming, Software Engineering, Java, Object Oriented Analysis and Design, Object Oriented Programming, Systems Analysis and Design, Applying UML and Patterns, Operating Systems, Data Structure, Database, Relational Database Design, oracle plsql, oracle administration, UNIX Administration, SYBASE, Power Builders, Shell Programming, Computer Architecture, Information Systems Design, Artificial Intelligence, Expert Systems, Distributed Systems, Algorithms, Computer Graphics, Computer Communications, Computer Networks, Neural Nets, Management Information Systems, Data Warehousing, Data Mining, e-commerce, Internet programming, Project Management, Decision Support Systems, Discrete mathematics, Compilers Design, Embedded Systems, Semantic Web Programming.

Current Interests and Research

- Object Oriented Software Engineering Modeling Using UML.
- Software engineering.
- Distributed Systems.
- Computer Networks.
- Query processing in Distributed Database.

- **Disk Scheduling.**
- **Arabization.**
- **Ontology**
- **Machine learning**
- **Artificial Intelligence and Expert Systems.**
- **Visual Programming.**
- **Neural Nets.**
- **Data Mining and Warehousing.**
- **Computer Security.**
- **Client/Server and N-tier Systems.**
- **Semantic Web and Semantic Web Services**
- **Cloud Computing**
- **Information Retrieval Systems**
- **Internet Programming**

Committees

- **Managerial Engineering Society (Egypt).**
- **Manager of ISNU (Information Systems and Network Unit)**
- **Manahger of Thanawi Azhar Coordination System**
- **Azhar University Computer Network Committee (Egypt).**
- **Azhar University Devices and Labs Committee (Egypt).**
- **Engineering Syndicate (Egypt).**
- **United Arab Emirates University Information Technology Evaluation committee (uae).**
- **Prompotion Committee in more than one university**
- **Faculty board, faculty of science, emirates university (September 2001 – august 2004)**
- **Coordinator of peer to peer evaluation committee in UAEU**
- **Faculty Board, Faculty of Engineering, Azhar University (Egypt)(2009 -)**
- **Assignment Student to Faculties of Azhar University Committee Chairman, Egypt**
- **Many local and international Conference Organization Committees**
- **Olymbics programming 2008 steering committee**

- Robocon representatives in Azhar University
- Systems and Computer Networks Unit Head in Azhar University
- Azhar High School Diplome Coordination Committee
- Oracle academy Representative in Azhar University

Awards

- The best computer science faculty member in faculty of science emirates university 2004 – 2005
- Oracle Dataware housing certificate
- Project Manager award from azhar university (2009, 2010)

Projects

- Microprocessor Based elevator controller, Intel 286 Assembly.
- National research Center (NRC), Personal Data Bank, FORTRAN and TOTAL Database, INTEL Machine.
- NRC Ongoing projects Data Bank, TOTAL Database, INTEL Machine.
- National Computer Network in Egypt Under Georgia Tech Consultation.
- Birth and Death Certificates for Ministry of Health(MOH), implemented in BASIC on PC.
- MOH Inventory Systems , Implemented in COBOL , NCR machine.
- Hardware Simulation , C under UNIX , NCR Tower machine.
- Advisor Selection Expert System , Turbo Prolog PC.
- Student Affairs Database System , Dbase IV, PC.
- Edfina Co. Expert System, Food Industry Problem Diagnosis Expert System, Expert Shell.
- Pictorial Database : Graphics and Database Integration , CAD & DBIII+, PC.
- University Time Tables Scheduling, PC.
- Computerized Islamic Rules for Zakah, PASCAL, PC.
- Martin and Electric Furnaces Database System, DBase IV , PC.
- ftp server and clients, Visual C++, Internet Environment.

- Internet site preparation and Home Pages Design, MS explorer, Front page.
- Accounting System, Access Engine and VISUAL BASIC.
- Surveillance Database, Oracle 7 under Novel Netware.
- PC Interlink communication software, C.
 - ftp server and ftp client and home page design.
 - A point of Sale System analysis and design using UML notations.
 - Dataware and DataMining methods.
 - A web based applications in java using UML.
 - E-learning.
 - Web Site Authorizing.
 - Web Server Development.
 - Web based program to assign students to faculties in Azahar university
 - IT Project in Ministry of Tourism (Egyptian Tourism Authority)
 - Sematic Web Fatwa Search Engine in Dar AIIFTAA

Work Experience

- Dean of Information Technology Faculty, MUST University (Misr University for Science and Technology), 2016 – 2021
- President of IEEE conference MUST University (Misr University for Science and Technology) 2020
 - Computers and Systems Engineering department Chairman, Faculty of Engineering Azhar University (2009 - 2012)
 - IT Consultant for AlAzhar President
 - IT Consultant for ministry of Tourism 2007 - 2011
 - IT Cosultant for MUST University (Misr University for Science and Technology)
 - Chairman of Systems and Networks Unit in Azhar university
 - Program Manager of WEB-Based Tansik program (www.egypt.gov.eg/tansik)
 - Ministry of Tourism IT Consultant - Egypt Tourisn Authority (Jan 2008 – May 2010)

- Web site www.egypt.travel (the official web site of Ministry of Tourism) Administrator
- Web site www.azhar.edu.eg (the official web site of Azhar university) Administrator
- Professor (1997 -) Computers and Systems Engineering Department, Faculty of Engineering, Azhar university.
- Part Time Lecturer in many local universities and abroad Universities
- IT Consultation and Training in Nigeria, Sudan, Saudi Arabia, Qatar, Jordan, Kuwait, Dubai, Abu Dhabi, Egypt
- NCR trainer and Consultant for more than 15 years.
- Professor of Computer Science, Math and computer science Department, faculty of science, united arab emirates university (september 2001 – august 2005)
- Professor and Math and Computer science Department Acting chairman (2002 -2003), Faculty of Science, United Arab Emirates University.
- Professor and Computer Science Section Chair (2001 -2002), Faculty of Science, Math and Computer Science Department, United Arab Emirates University.
- Professor promotion in Athabasca University, 1 University Drive Athabasca AB T9S 3A3 Canada
- Professor (1997 – 2001) computers and systems Engineering Department, Faculty of Engineering, Azhar university.
- Chairman of Information Systems Department, Arab Academy for Banking and Financial Sciences, Amman, Jordan, 1999-2000.
- Associate Professor (1992 - 1997), Computers and Systems Engineering Department, Faculty of engineering, Azhar University.
- Assistant Professor (1987 - 1992), Computers and Systems Engineering Department, Faculty of Engineering, Azhar University.
- Teaching Assistant (1978 - 1984), Computers and Systems Engineering Department, Faculty of Engineering, Azhar University.
- Consultant in (NRC), Center Processing Department, 1981-1984, 1987 - 1989.
- Illinois Institute of Technology, Chicago, Illinois 1985-1987:
 - * TA in Electrical and Computer Engineering Department.
 - * Digital logic Design lab Instructor.

*** Information Systems Design Instructor in Business School.**

- **Instructor in Data Processing Department, Truman College, Chicago, Illinois, 1986 - 1987.**
- **Instructor in American University in Cairo, 1982 - 1984.**
- **Systems Analyst in USAID project health project: Birth and Death certificates, Ministry of Health (MOH), 1983 - 1984.**
- **Knowledge Analyst in USAID project "Design and Application of Computer-based Technology for the Development of Food Industry", Edfina Corporation, 1990.**
- **Lecturer in Cairo University, Faculty of Science, Math and Computer science Department, 1988 - 1991.**
- **Lecturer in Mansoura University, Faculty of Engineering, Computer and Control Engineering Department, 1990 - 1992.**
- **Ain Shams Conference, Commentator, March 1990.**
- **Azhar University Computer Network, Analysis and Design team, 1990 - 1992 .**
- **Information Systems Analyst, USAID project, the national Metal Industries Co., 1991 - .**
- **Private University automation, Computerized Systems distributed on more than one LAN Connected THRU X.25.**
- **Visiting Professor, Zaytona University, Jordan, 1996.**
- **Consultant and Trainer in Middle East and Africa (1987 –)**
- **Research papers reviewer in many local and international conferences and journals.**

Theses

- 1- Operation System security (MSC), Computers and Systems Engineering department, Faculty of Engineering, Azhar University , Cairo, Egypt (CSE), 1988.**
- 2- Increasing of Hitting Probability Using Artificial and Natural Radiation (Ph.D.), Faculty of Engineering, Sanaa University, Yemen, 1989.**
- 3- Artificial Intelligence - Arabic Question Answering System (MSC), CSE, March 1991.**
- 4- Computers in Education : Expert System (MSC), CSE, March 1991.**
- 5- Relational Database Design (MSC) , Math and Computer science Department, Faculty**

of science, Cairo University , 1991.

- 6- Computer Security : Set-Based Control (MSC) , Math and Computer science Department, Faculty of science , Cairo University , 1991.
- 7- Disc Scheduling (MSC) , Computer and Control Engineering Department, Faculty of Engineering, Mansoura University, 1991.
- 8- File System Design (MSC) , CSE, 1994.
- 9- Medical Expert System(MSC) , CSE 1994.
- 10- Visual Programming Language design (MSC), CSE, 1994.
- 11- Query Optimization in Distributed Database Systems, Faculty of Science, Menoufia University, 1995.
- 12- Parallel Processing (Ph.D.), CSE, 1995.
- 13- Data Flow Machine (Ph.D.), CSE, 1996.
- 14- Object Oriented Database Design (MSC), CSE, 1997.
- 15- Hypertree architecture for Massively Parallel Systems (MSC), CSE, 1997.
- 16- Data Communication Protocols (MSC), CSE, 1997.
- 17- Artificial Intelligence: Machine Learning (Ph.D.), CSE, 1997.
- 18- Speech Synthesis (MSC), CSE, 1999.
- 19- ATM Network (MSC), CSE, 2000.
- 20- Three-tier architecture Model (object naming and object migration) with UML as a modeling tool. (Ph.D.), CSE/Pittsburg University, 2000.
- 21- Design and Evaluation of computer network security systems (Ph.D.), CSE, 2001.
- 22- N-tier applications Design (MSC), Faculty of Science, Menoufia University, 2002.
- 23- Computer Network management Modeling (MSC), Faculty of Science, Menoufia University, 2002.
- 23- UML modeling power evaluation (MSC), Faculty of Science, Suez Canal University, 2003.
- 24- Fault tolerant Distributed Systems (Ph.D.), Belgium/Egypt, 2003
- 25- Distributed database systems (M.Sc.), faculty of engineering, South of Valley university, Aswan, Egypt, 2004
- 26- Operating system Security (M.Sc.), Faculty of engineering, Assuit university, Assuit,

Egypt, 2004

- 27- Multimedia protocol (Ph.D.), Faculty of Science, Menoufia university, 2005.
- 28 – Intelligent Agent-Based Web Search (Ph.D.), Faculty of Science, Menoufia university, 2006.
- 29- Integrity Constraints in Database Systems Design(Ph.D.), CSE, 2007.
- 30- Synchronization protocols in distributed application (M.Sc.), CSE, 2008.
- 31- Personalized Search engine (M.Sc.), CSE 2009.
- 32- Design of e-Commerce Transaction Security System (Ph.D.), CSE, 2010.
- 33- Distributed Agent-Based Computer Systems (Ph.D.), AL MINIA University, Faculty Of Engineering, Electrical Engineering Department, 2010.
- 34- Symantic web based Adaptive e-learning System Design (M.Sc.) , 2011.
- 35- Distributed Data mining techniques (Ph.D.), Suez Canal University, 2011.
- 36- Dynamic Intelligence (Ph.D.), Menoufia University, expected 2012.
- 37- Information Retrieval (Ph.D.), Azhar University, 2012
- 38- Islamic Fatwa Automatic Marking Up (M. Sc.), 2012
- 39- Wireless Network Security System Analysis and Design (Ph.D) Azhar University, 2016, Faculty of Engineering, Shoubra, Banha University

Publications

1. Hany M. Harb, et al, " Considerations Toward the Design of a smart Microcomputer Instrument," The Cairo University 15th Annual Conference on Statistics, Computer Science, Operations research & Mathematics , Cairo , Egypt , December 1980 , Vol. 3, PP. 11-35.
2. Hany M. Harb, et al, " Microprogramming Code Optimization", The Cairo University 15th Annual Conference on Statistics, Computer Science, Operations research & mathematics, Cairo, Egypt, December 1980, Vol. 3 ,PP. 36-55.
3. A.C. Liu, Hany M. Harb and R, Tourki , "A Model for Task Allocation in a Distributed System" , International AMSE Conference on Modeling and Simulation, November 1985, Tunisia, Vol. 1B, PP, 196 - 207.
4. Hany M. Harb and A.C. Liu , "A General Task Allocation Model ", The Ain-Shams University 13th International Congress for Statistics, Computer Science , Social and Demographic Research, Egypt , March 1988, Vol. 15 , PP. 375 - 384.
5. Hany M. Harb and A.C. Liu , " Task Allocation Classifications ", The Ain-Shams University 13th International Congress for Statistics, Computer Science , Social and Demographic Research, Egypt , March 1988, Vol. 15 , PP. 385 - 396.
6. H.Elsheikh, Hany M. Harb and A.M. Homran , "Increasing the Probability of Hitting Stationary and Moving Targets Using Natural and Artificial Radiation ", The Ain-Shams University 13th

- International Congress for Statistics, Computer Science, Social and Demographic Research, Egypt, March 1988, Vol. 15, PP. 115 - 134.
7. Hany M. Harb, A.M. Homran and H.Elsheikh, "Simulation of Two Moving Bodies Colliding", Zagazig University, Proceeding of the 11th Annual Operations Research Conference (First International), Egypt, November 1988, Vol. 11, Part I, PP. 438-457.
 8. Hany M. Harb and M.A. Abu-Bakr, "Multiple Encryption in cryptographic System", The Cairo University 23rd Annual Conference on Statistics, Computer Science, Operations research & Mathematics, Cairo, Egypt, December 1988, Vol. 1, PP. 36-55.
 9. Hany M. Harb, "Small machine Architecture Simulation", AEC 89 AL-Azhar Engineering First Conference, Egypt, December 9-12, 1989, Vol. 17, PP. 47-64.
 10. Hany M. Harb, A. El-Samahy and A. T. Shehab El-dean, "EES : An Educational Expert System", The Ain Shams University 15th International for Statistics, Computer Science, Social and Demographic Research, Egypt, March 1990, Vol. 2, PP. 239 - 258.
 11. K. Nasser, Hany M. Harb and F. Abdel Magid, "AQAS : Arabic Question Answering System", The Ain Shams University 15th International Congress for Statistics, Computer Science, Social and Demographic Research, Egypt, March 1990, Vol. 2, PP. 259 - 274.
 12. Hany M. Harb, "Petri Net Modeling Power Expansion", The International Society for Mini and Microcomputers - ISMM, New Orleans, March 5-7, 1990, PP. 261- 264.
 13. Hany M. Harb, "Parallelism Technique in Uniprocessor Machines", Team 3rd Conference, Cairo, Egypt, March 16-18, 1990.
 14. Hany M. Harb, "Examination Surveillance Total Database System", Mansoura, Egypt, June 1990, PP. 54- 66.
 15. M. Salem, A. El-gawad, Hany M. Harb and O. Zahran, "V-SSTF Dynamic Disk Scheduling Technique", 15th Annual Conference on Statistics, Computer Science and Operations research, Cairo University, Vol. 25, December 1990, PP. 414 - 422.
 16. Hany M. Harb and K. Nasser, "A Farme Based Knowledgeable System for Arabic Query Understanding", The Ain Shams University 15th International Congress for Statistics, Computer Science, Social and Demographic Research, Egypt, March 1991, Vol. 2, PP. 53- 73.
 17. Hany M. Harb, H. A. Tawab "Set- Based Access Control Matrix", The Ain Shams University 15th International Congress for Statistics, Computer Science, Social and Demographic Research, Egypt, March 1990, Vol. 2, PP. 233 - 351.
 18. Hany M. Harb and H. Mohamed "A New Algorithm of Relation Database Design", Ain Shams University 15th International Congress for Statistics, Computer Science, Social and Demographic Research, Egypt, March 1990, Vol. 2, PP. 253 - 279.
 19. Hany M. Harb, et al, "Temporal Logic Based Analyzer Expert System", AEC 91 AL-Azhar Engineering Second Conference, Egypt, December 21-24, 1991, Vol. 17, PP. 913-219.
 20. Hany M. Harb and M.H. Mohamed, "Structured visual programming Language design", AEC 93, AL-Azhar Engineering third International Conference, Egypt, December 18 - 21, 1993, Vol. 11, PP. 141- 152.
 21. Hany M. Harb and H. Gharib, "Two level Structure file System Manger(2FMS)", Journal of Engineering and Applied Science, Faculty of Engineering, Cairo University, February 1994, Vol. 41, Number-1.
 22. Hany M. Harb and G. Sarwat, "Medical Expert System", Journal of Engineering and Applied Science, Faculty of Engineering, Cairo University, April 1994, Vol. 43, Number-3

23. Hany M. Harb , N. Al-Ramly and A. Zayed , " Anew Heuristic Algorithm for Query Processing in Distributed Database Environment " , Scientific Journal of Faculty of Science, Menoufia University , Vol VIII 1994 , PP. 1-21.
24. Hany M. Harb, " Knowledgeable Multiusing Data Dictionary " , Scientific Journal of Faculty of Science, Menoufia University , Vol VIII 1994 , PP. 23-41.
25. Hany M. Harb, " Intelligent Courseware System " , Journal of Engineering and Applied Science , Faculty of Engineering , Cairo University , April 1994 , Vol. 42 , Number-4, Aug. 1995, PP. 817-832.
26. Hany M. Harb, " ACE : Advisor Consulting Expert System " , Journal of Engineering and Applied Science , Faculty of Engineering , Cairo University , April 1994 , Vol. 42 , Number-5, Oct. 1995, PP. 975-985.
27. Hany M. Harb, " Processor Assignment : Expert Database System " , Scientific Journal of Faculty of Science, Menoufia University , Vol. IX 1995 , PP. 315-334.
28. Hany M. Harb, et al " Expert Systems for Business Administration " , Scientific Bulletin, Faculty of Engineering, Ain Shams University , Vol 31, Number 1, March 1996 , PP. 219-233.
29. Hany M. Harb, et al " Object Oriented Database Design " , Scientific Bulletin , Faculty of Engineering, Ain Shams University , Vol 31, Number 4, Dec. 1996 .
30. Hany M. Harb, et al " Image Restoration Using FFN and Gradient Adaptive Learning Rate Algorithm" , Scientific Bulletin, Faculty of Engineering, Ain Shams University, Vol 32, Number 1, March 1997, PP. 237 - 252.
31. Hany M. Harb, et al, "A Generalized hypertree Topology For Massively Parallel Systems", Journal of Engineering and Applied Science , Faculty of Engineering , Cairo University , Vol. 44, Number-2, April 1997, PP. 407 - 423.
32. Hany M. Harb, et al, "Enhancing Images Using MLP and Gradient Adaptive Learning Rate Algorithm ", Journal of Engineering and Applied Science , Faculty of Engineering, Cairo University , Vol. 44, No. 3, June 1997, PP. 643 - 660.
33. Hany M. Harb, et al , "A Framework for Plan Learning to support object oriented databases ", AEIC 97, AL-Azhar Engineering fifth International Conference , Egypt , December 19 - 22, 1997, Vol. 10 , PP. 190 - 204.
34. Hany M. Harb, et al, "Temporal Logic", Ainshams Magazine, 1998.
35. Hany M. Harb, et al, "Knowledgeable Information System (Neural based MBR data mining technique) ", AEC 2000, AL-Azhar Engineering Sixth International Conference, Egypt , September 4-8, 2000.
36. Hany M. Harb, et al, "encryption and authentication algorithms », AlAzhar magazine, 2001
37. Hany M. Harb, et al, "Middleware layer design ", Journal of Engineering and Applied Science , Faculty of Engineering, Cairo University , Vol. 44, No. 3, June 2001,
38. Hany M. Harb, et al, "ATM network", Journal of Engineering and Applied Science , Faculty of Engineering, Cairo University , Vol. 44, No. 3, June 2001.
39. Hany M. Harb, et al, "computer network security systems", Journal of Engineering and Applied Science , Faculty of Engineering, Cairo University , Vol. 44, No. 3, June 2001.
40. Hany M. Harb, et al, "Towards N-tier Applications " , The 27 th International Conference for Statistics, computer science and its applications, Cairo, Egypt, 13 – 18 April 2002.
41. Hany M. Harb, et al , "Network Management Model Based on SNMP" , The 27 th International Conference for Statistics, computer science and its applications, Cairo, Egypt, 13 – 18 April 2002.

42. Hany M. Harb, et al, " A n-Tier Distributed Web-Based System for Searching Heterogeneous Distributed Objects Data Sources" , First International Conference on Intelligent Computing and Information Systems, Cairo, Egypt , June 24-26, 2002.
43. Hany M. Harb, et al, " A Graphical on Line Tree-Like Hyperlink Hypermedia Archive: Towards Cross Curriculum and Curriculum Integration for E-Learning " , First International Conference on Intelligent Computing and Information Systems, Cairo, Egypt , June 24-26, 2002.
44. Hany M. Harb, et al , " In precisising the Aggregation relationship of UML " , The 28 th International Conference for Statistics, computer science and its applications, Cairo, Egypt, 12 – 16 April 2003.
45. Hany M. Harb, et al , "Two ways for precisising Whole - Part relationship in UML " , IEEE Assuit, Egypt, 13 – 18 March 2003.
46. Hany M. Harb, et al , " Protocol for Concurrency Control in Distributed Database with N-Tier Architecture ", IEEE Assuit, Egypt, 13 – 18 March 2003.
47. Hany M. Harb, et al," RULE-BASED ENGLISH TEXT TO PHONEME GENERATOR ONE PHASE APPROACH " , Scientific Journal of Faculty of Science, Menoufia University,2003 .
48. Hany M. Harb, et al," Overcoming Kerberos Structural Limitations " , 27th Annual Conference on Statistics, Computer Science and Operations research, Cairo University, 13 – 16 December 2003.
49. Hany harb, et al, “Multi-Tier Agent-Based Architecture For Web Information Retrieval”, 4th International Conference on computer science, Mansoura University, Sharm Alsheihk, 20 –22 April, 2004.
50. Hany harb, et al, “More Scalable Scheme based on Management Distribution for the Real-Time Control Protocol (RTCP) ival”, 4th International Conference on computer science, Mansoura University, Sharm Alsheihk, 20 –22 April, 2004.
51. Hany M. Harb, et al , " Anubis: A New Kerberos-Like Authentication System" , The 29th International Conference for Statistics, computer science and its applications, Cairo, Egypt, 17-21 April 2004.
52. Hany M. Harb, et al, " A Model for E-Learning Content Management system " , The second International Math Conference, uaeu faculty of science, math and computer science department, al ain, uae, December 12-14, 2004
53. Hany M. Harb, et al , " A pattern Language for Data Warehouse Schema " , The 30th International Conference for Statistics, computer science and its applications, Cairo, Egypt, April 2005.
54. Hany M. Harb, et al, “Termination Analysis in Active Databases by Using Evolution Graphs”, ITI 3rd International Conference on Information & Communication Technology, ICICT, pp. 781-791, Cairo, Egypt, Dec. 2005.
55. Hany M. Harb, et al, “Investigating Termination in Active Database Systems using Transactions”, procceding of the 16th International Conference on Computer Theory and Applications (ICCTA), Alexandria, Egypt, pp. 338-342, 2006.
56. Hany M. Harb, et al, “Rule Termination Analysis Using Tansactions by Refined Evolution Graphs “, ICGST International Conference on Artificial Intelligence and Machine Learning (AIML-06), Sharm Elsheikh, Egypt. 13-15 June 2006.
57. Hany M. Harb, et al, “Investigating Termination in Active Object Oriented DBMS”, IASTED International Conference on Internet and Multimedia Systems and Applications (IMSA), Honolulu, USA , 14-16 August 2006.
58. Hany M. Harb, et al, “Static Tool Environment for Rule Termination Analysis Graphs“, AEC 2000, Journal of Engineering Sciences, University of Assuit, March 2007.

59. Hany M. Harb, et al, "Insuring Locality: A load balancing protocol for replicated system ", AEIC 2007, AL-Azhar Engineering Ninth International Conference, Egypt , April 12-14, 2007.
60. Hany M. Harb, et al, " Network Management Protocols ", AEIC 2008, AL-Azhar Engineering Tenth International Conference, Egypt , December 24-26 , 2008.
61. Hany M. Harb, et al, "Improving the SNMP Performance", Al-Azhar Engineering Tenth International Conference, December 24-26, pp. 147-153, 2008.
62. Hany M. Harb, et al, " SecureSMSPay: Secure SMS Mobile Payment model ", ASID, Processing of Anti-counterfeiting, Security and Identification, pp 11-17, IEEE 2008.
63. Hany M. Harb, et al, "Intelligent Network Management Based-On Mobile Agents and SNMP", Engineering Research Journal, Faculty of Engineering, Helwan University, Mataria, Cairo, 116, pp. E1-E12, 2008.
64. Hany m. Harb, et al, "Personal Search Engine Based on User Interests", WSEAS Transactions on Information Science and Applications, WSEAS Transactions on Mathematics, may 2009
65. Hany M. Harb, et al "SecureSMSPay: Secure SMS Mobile Payment Model" which is included in the publication "Annual Review of Communications: Volume 61" December 2009. The paper is also up for inclusion in the IEC Newsletter, published bi-monthly and distributed to over 700,000 readers. kpost@iec.org
66. Hany M. Harb, et al, "SMP: Secure Mobile Payment" , The International Journal of Intelligent Computing and Information Sciences, Vol. 2 July 2009.
67. Hany M. Harb, et al, "Semantic web based Approach to learn and update Learner Profile in Adaptive E-Learning ", Al-Azhar Engineering Eleventh International Conference, December 23-26, Dec. 2010.
68. Hany M. Harb, "M-Commerce Models", Al-Azhar Engineering Eleventh International Conference, December 23-26, Dec. 2010.
69. Hany M. Harb, et al, "OntoEdit: Integrated Development Environment for Semantic Web", Al-Azhar Engineering Eleventh International Conference, December 23-26, Dec. 2010
70. Hany M. Harb, et al, "Generic Intelligent Information Retrieval Model", Al-Azhar University Engineering Journal, JAUES, Vol. 5, No. 8, Dec. 2010, pages 396–406.
71. Hany M. Harb, et al, "Determination of K in K-Means Clustering", The International Journal of Engineering , Al-Azhar University, Vol. 2 January 2011.
72. Hany M. Harb, et al, " Intelligent Islamic Fatawa Retrieval System ", International Journal of Intelligent Computing and Information Science , IJICIS, Vol. 11, No. 1, January 2011, pages 191–201.
73. Hany M. Harb, et al, "Selecting Optimal Subset of Features for Intrusion Detection Systems", Advances in Computational Sciences and Technology Journal, ISSN 0973-6107 Volume 4 Number 2 (2011) pp. 179-192, © Research India Publications, <http://www.ripublication.com/acst.htm>
74. Hany M. Harb, et al, "Semantic Retrieval Approach for Web Documents", (IJACSA) International Journal of Advanced Computer Science and Applications, Vol. 2, No. 9, 2011
75. Hany M. Harb, et al, "Using Semantic Web to Support Advanced Web Based- Environment", (IJACSA) International Journal of Advanced Computer Science and Applications, Vol. 2, No. 12 , 2011.
76. Hany M. Harb, et al, "Semantic Web supporting Adaptive E-Learning to build and represent Learner Model", The Second International Conference of E-learning and Distance Education (eLi 2011) – Riyadh 2011.
77. Hany Harb, et al, " Intelligent Islamic Fatawa Retrieval System ", International Journal of Intelligent Computing and Information Science , IJICIS, Vol. 11, No. 1, pages 191–201, January 2011.

78. Hany Harb, et al, **SWIDE: Semantic Web Integrated Development Environment**, WSEAS transactions on computers, Issue 9, Volume 10, pp 310-319, ISSN: 1109-2750, September 2011.
79. Hany M. Harb, et al, "Selecting an optimal subset of features for intrusion detection systems", **Advanced in computational sciences and technology**, Vol. 4, Number 2, 2011, pp. 179-192.
80. Hany M. Harb et al, "Selecting Optimal Subset of Features for Student Performance Model", (IJCSI) **International Journal of Computer Science Issues**, Vol. 9, Issue 5, No 1, pages 253-262, April 2012. www.IJCSI.org
81. Hany Harb, et al, "Malik: Ontology Based Arabic Information Retrieval Architecture Applied On Islamic Fatwa", **The Journal of Intelligent Computing and Information Science**, Vol. 12, No. 2, **Computers and Information Sciences**, Ain Shams University, July 2012, pp. 117- 132.
82. Hany M. Harb, et al, "Towards an Ontology Based Integrated Framework for Semantic Web." **International Journal of Computer Science and Information Security**, IJCSI, Vol. 10, No. 9, September 2012, pp. 91 – 99.
83. Hany Harb, et al, "Design and Evaluation of Ontology Based Matching Algorithms for Arabic Information Retrieval System Applied On Islamic Fatwa", **Al-Azhar Engineering Twelfth International Conference**, December 25-27, 2012, pp. xxx-xxx
84. Hany Harb, "AdaBoost ensemble with simple genetic algorithm for Student Prediction Model", (IJCSIT) **International Journal of Computer Science and Information Technology**, Vol. 5, No. 2, April 2013. <http://airccse.org/journal/ijcsit.html>
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Under publications

- Hany Harb, "UML extension as a real time software modeling tool"
- Hany harb, "Data Warehouse Systems"
- Hany Harb, "TRAFFIC REDUCTION BETWEEN MANAGER AND AGENT IN THE SNMP"
- Hany Harb, "What is wrong With Kerberos!!!"
- Hany Harb, "MCM:ATM MULTIPOINT-TO-MULTIPOINT MULTICAST PROTOCOL "

Refrees

- **Joseph hill, dean of faculty of science emirates university, uaeu, al ain, uaeu, p.o 17551,**
joseph.hill@uaeu.ac.ae
- **Khaled kamel, dean of it college , adu university, ad, uae** khaledkamel@adu.ae
- **Mohamed anwar naieem, Associate Dean, faculty of science, uaeu, p.o. 17551, uae**
m.anwar@uaeu.ac.ae
- **Mohamed Hassan Al-Azzazi, Misr University for Science and Technology President,**
president@must.edu.eg