



CURRICULUM VITAE

Prof. Dr. Moheb Ramzy Girgis

Mailing Address:

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Date of Birth: 1/11/1953
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Education

Degree	University	Date
Ph.D. (<i>Computer Science</i>)	University of Liverpool, UK	1986
M.Sc. (<i>Mathematics</i>)	Assiut University, Egypt	1981
B.Sc. (<i>Mathematics</i>)	Mansoura University, Egypt	1974

Field of Specialization: Software Engineering.

Previous Position:

- Head of Department of Computer Science, Faculty of Science, Minia University (From Jan. 2004 To Aug. 2005 and From Sept. 2009 To July 2015).

Current Position:

- Professor of Computer Science, Department of Computer Science, Faculty of Science, Minia University.
- Director of Minia University Information Network.
- Manager of Enhancement of Minia University Information Network Infrastructure Project.

Professional Experience

Title/Rank	Institution	Dates	
		From	To
Professor	Computer Science Department, Minia University, Egypt	2007	Now
Associate Professor	Computer Science Department, Minia University, Egypt	1999	2007
Associate Professor	Mathematics Department, Minia University, Egypt	1997	1999
Assistant Professor	Mathematics Department, Minia University, Egypt	1996	1997
Assistant Professor	Computer Science Department, University of Bahrain	1990	1996
Assistant Professor	Mathematics Department, Minia University, Egypt	1986	1990
Ph.D. Student and	Department of Computer Science,	1982	1986

Teaching Assistant	University of Liverpool, UK		
Assistant Lecturer	Mathematics Department, Minia University, Egypt	1981	1982
Demonstrator	Mathematics Department, Minia University, Egypt	1976	1981

Membership in Professional and Scientific Societies

Member of the IEEE Computer Society, USA (since 1985).

Member of the Egyptian Computer Society (since 2001).

Courses Taught

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|-------------------------------------|-----------------------------------|
| 1. Software Engineering | 10. Assembly Language Programming |
| 2. Object-Oriented Programming | 11. Database Management Systems |
| 3. Data Structures and Algorithms | 12. Formal Languages and Automata |
| 4. Operating Systems | 13. Computer Networks |
| 5. Fundamentals of Computer Science | 14. Computer Organization |
| 6. Programming Languages | 15. Graph Theory |
| 7. Theory of Translators | 16. Artificial Intelligence |
| 8. Systems Analysis and Design | 17. Modeling and Simulation |
| 9. Logic Programming | 18. Web Software Development |

Publications

Papers Published in Journals:

1. Ahmed S. Ghiduk, **Moheb R. Girgis**, Marwa H. Shehata, "Reducing the Cost of Higher-Order Mutation Testing", *Arabian Journal for Science and Engineering*, DOI 10.1007/s13369-018-3108-3
2. Moheb R. Girgis and Mohammed M. Talaat, "Fractal Image Compression of Grayscale and RGB Images Using DCT with Quadtree Decomposition and Huffman Coding", *International Journal "Information Theories and Applications"*, Vol. 24, Number 4, 2017, pp. 322-344.
3. Ahmed S. Ghiduk, **Moheb R. Girgis**, Marwa H. Shehata, "Higher order mutation testing: A Systematic Literature Review", *Computer Science Review*, Vol. 25, 2017, pp. 29-48.
4. **Moheb R. Girgis**, Alaa I. El-Nashar, Tarek A. Abd El-Rahman, and Marwa A. Mohammed, "An ASP.NET Web Applications Data Flow Testing Approach", *International Journal of Computer Applications (0975 – 8887)*, Vol. 153, No. 8, November 2016, pp. 6-18.
5. **Moheb R. Girgis**, Tarek M. Mahmoud, Ghada W. Hanna, "Tree Growth Based ACO Algorithm for Solving the Bandwidth-Delay-Constrained Least-Cost Multicast Routing Problem", *International Journal of Computer and Information Technology (ISSN: 2279 – 0764)*, Vol. 5, No. 6, November 2016, pp. 516-523.
6. **Moheb R. Girgis**, Tarek M. Mahmoud, Ghada W. Hanna, "Using GA, PSO and hybrid GA-PSO based algorithms for solving the least-cost multicast problem with QoS constraints", *International Journal of Computer Systems (IJCS)*, pp: 166-172, Volume 3, Issue 3, March 2016.

7. **Moheb R. Girgis** and Lamia M. Rady, "Enhanced Web Objects Classification using Social Tags", *International Journal of Computer and Information Technology* (ISSN: 2279 – 0764), Vol. 4, No. 4, July 2015, pp. 748-755.
8. Alaa M. Allakany, Tarek M. Mahmoud, Koji Okamura and **Moheb R. Girgis**, "Multiple constraints QoS multicast routing optimization algorithm based on Genetic Tabu Search Algorithm", *ACSIJ Advances in Computer Science: an International Journal*, Vol. 4, Issue 3, No.15 , May 2015.
9. **Moheb R. Girgis**, Ahmed S. Ghiduk, and Eman H. Abd-Elkawy, "Automatic Data Flow Test Paths Generation Using the Genetical Swarm Optimization Technique", *International Journal of Computer Applications* (0975 – 8887), Vol. 116, No. 22, April 2015, pp. 25-33.
10. **Moheb R. Girgis**, Tarek M. Mahmoud, Bahgat A. Abdullatif, and Alaa M. Zaki, "A State-Based Web Form Testing System", *International Journal of Computer and Information Technology* (ISSN: 2279 – 0764), Vol. 4, No. 2, March 2015, pp. 469-478.
11. **Moheb R. Girgis**, Ahmed A. A. Radwan, Alaa I. El-Nashar, and Hagar M. Azzam, "Heterogeneous Multiprocessor Task Scheduling Using Genetic and Simulated Annealing Algorithms and their Hybridization", *International Journal of Computer Science Engineering and Information Technology Research (IJCSEITR)*, ISSN(P): 2249-6831; ISSN(E): 2249-7943, Vol. 4, No. 6, Dec 2014, pp. 51-62.
12. **Moheb Ramzy Girgis**, Abdelmgeid Amin Aly, and Fatima Mohy Eldin Azzam, "The Effect of Similarity Measures on Genetic Algorithm-Based Information Retrieval", *International Journal of Computer Science Engineering and Information Technology Research (IJCSEITR)*, ISSN(P): 2249-6831; ISSN(E): 2249-7943, Vol. 4, No. 5, Oct 2014, pp. 91-100.
13. **Moheb R. Girgis** and Mohammed S. Reda, "Content-based Image Retrieval using Image Partitioning with Color Histogram and Wavelet-based Color Histogram of the Image", *International Journal of Computer Applications* (0975 – 8887), Vol. 104, No.3, October 2014, pp. 17-24.
14. **Moheb R. Girgis**, Tarek M. Mahmoud, Bahgat A. Abdullatif, and Alaa M. Zaki, "An Automated Web Application Testing System", *International Journal of Computer Applications* (0975 – 8887), Vol. 99, No.7, August 2014, pp. 37-44.
15. **Moheb R. Girgis** and Mohammed S. Reda, "A Study of the Effect of Color Quantization Schemes for Different Color Spaces on Content-based Image Retrieval", *International Journal of Computer Applications* (0975 – 8887), Vol. 96, No.12, June 2014, pp. 1-8.
16. **Moheb R. Girgis**, Tarek M. Mahmoud, Bahgat A. Abdullatif, and Ahmed M. Rabie, "Solving the Wireless Mesh Network Design Problem using Genetic Algorithm and Simulated Annealing Optimization Methods", *International Journal of Computer Applications* (0975 – 8887), Vol. 96, No. 11, June 2014, pp. 1-10.
17. **Moheb R. Girgis**, Tarek M. Mahmoud, Bahgat A. Abdullatif, and Ahmed M. Rabie, "Solving the Wireless Mesh Network Design Problem using Genetic Algorithm and Tabu Search Optimization Methods", *IRACST – International Journal of Computer Networks and Wireless Communications (IJCNWC)*, ISSN: 2250-3501 Vol. 4, No. 2, April 2014.

18. Walaa M Abdel-Hafiez, Mohamed Heshmat, **Moheb Girgis**, Seham Elaw, "A New Face Recognition Scheme For Faces With Expressions, Glasses And Rotation", *International Journal Of Computer Engineering & Technology (IJCET)*, Vol. 5, No. 4, pp. 11-23, April 2014.
19. **Moheb R. Girgis**, Ahmed S. Ghiduk, and Eman H. Abd-Elkawy, "Automatic Generation of Data Flow Test Paths using a Genetic Algorithm", *International Journal of Computer Applications (0975 – 8887)*, Vol. 89, No. 12, March 2014, pp. 29-36.
20. **M. R. Girgis**, T. M .Mahmoud and E. H. Eliwa, "Medical Decision Support System For Hepatitis C Virus Prediction Using Data Mining Techniques", *International Journal of Intelligent Computing and Information Science*, Vol.14, No. 1 January 2014, pp. 21-35.
21. **Moheb R. Girgis**, Tarek M. Mahmoud, and Entesar H. Eliwa, "Medical Decision Support System Using Data Mining Techniques", *International Journal of Computer Science Engineering and Information Technology Research (IJCSEITR)*, Vol. 3, No. 3, pp. 169 – 184, 2013.
22. Walaa Mohamed, Mohamed Heshmat, **Moheb Girgis**, and Seham Elaw, "A new Method for Face Recognition Using Variance Estimation and Feature Extraction", *International Journal of Emerging Trends & Technology in Computer Science (IJETTCS)*, ISSN 2278-6856, Vol. 2, No. 2, March – April 2013, pp. 134-141.
23. **M. R. Girgis**, A. S. Ghiduk, and E. H. Abd-Elkawy, "An Approach For Enhancing Regression Testing Using Genetic Algorithm And Data Flow Analysis", *International Journal of Intelligent Computing and Information Science*, Vol.13, No. 2, APRIL 2013, pp. 115-132.
24. Marghny Mohamed, Abeer A. Al-Mehdhar, Mohamed Bamatraf, **Moheb R. Girgis**, "Enhanced Self-Organizing Map Neural Network for DNA Sequence Classification," *Intelligent Information Management*, Vol. 5, No. 1, 2013, pp. 25-33. doi: 10.4236/iim.2013.51004.
25. M. R. Girgis, T. M. Mahmoud, H. F. Abd El-Hameed, and Z. M. El-Saghier, "Solving the Routing and Capacity Assignment Problem in Computer Networks Using Genetic Algorithm", *Information Science Letters*, Vol. 2, No. 1, pp. 13-25, 2013.
26. Ahmed S. Ghiduk, Moheb R. Girgis, and Eman H. Abd-Elkawy, "A Survey of Regression Testing Techniques", *International Journal of Advanced Research in Computer Science*, Vol. 3, No. 5, Sept-Oct 2012, pp. 140-148.
27. A. Swilem, M. R. Girgis, S. Elaw, "Color Image Recognition Using Variance-Covariance Technique", *International Journal of Intelligent Computing and Information Science*, Vol. 11, No. 2, July 2011, pp. 195-208.
28. Ahmed S. Ghiduk and Moheb R. Girgis, "Using Genetic Algorithms and Dominance Concepts for Generating Test Data", *Informatics*, 34, 2010, pp. 377-385.
29. Moheb R. Girgis, Tarek M. Mahmoud, Tarek Abd-El-Hafeez, "A New Effective System for Filtering Pornography Images from Web Pages and PDF Files", *International Journal of Web Applications*, Vol 2, No. 1, March 2010, pp. 1-13.
30. M. R. Girgis, T. M. Mahmoud, R. R. Nour, "UML Class Diagram Metrics Tool". *International Journal of Intelligent Computing and Information Science*, Vol. 10, No. 1, January 2010, pp. 303-314.

31. A.A. Aly, M. R. Girgis, B. A. Abdel-Latef, B. R. El-Gamil, "Selecting Nucleotides in The Biological Model For Information Retrieval". *International Journal of Intelligent Computing and Information Science*, Vol. 10, No. 1, January 2010, pp. 111-117.
32. Moheb R. Girgis, Tarek M. Mahmoud, Youssef S. Takroni, and Hassan S. Hassan, "Performance Evaluation of a New Route Optimization Technique for Mobile IP". *International Journal of Network Security & Its Applications (IJNSA)*, Vol.1, No.3, October 2009, pp. 63-73.
33. M. R. Girgis, A. A. Sewisy, and R. F. Mansour, "A Robust Method for Partial Deformed Fingerprint Verification Using Genetic Algorithm". *Expert Systems with Applications*, Vol. 36, No. 2, March 2009, pp. 2008-2016, ISSN:0957-4174.
34. M. R. Girgis, A. A. Sewisy, and R. F. Mansour, "A Robust Method for Fingerprint Matching Using Genetic Algorithm". *International Review on Computers and Software (IRECOS)*, Vol. 2, No. 4, July 2007, pp. 312-317.
35. Abdelaziz M. Khamis, Moheb R. Girgis and Ahmed S. Ghiduk, "Automatic Software Test Data Generation For Spanning Sets Coverage Using Genetic Algorithms". *Computing and Informatics*, Vol. 26, 2007, pp. 1001-1019.
36. Moheb R. Girgis, Abd El-Mgeid A. Aly, Bahgat A. Abdel Latef, Boutros R. El-Gamil, "Biological Model For Information Retrieval". *Journal of Digital Information Management*, Vol. 5, No. 3, June 2007, pp. 123-129.
37. Moheb R. Girgis, Tarek M. Mahmoud, and Tarek Abd-El-Hafeez, "An Approach to Image Extraction and Accurate Skin Detection from Web Pages". *International Journal Of Computer Science and Engineering*, Vol. 1, No. 2, 2007, ISSN 1307-3699, pp. 88-96.
38. M. R. Girgis, A. A. Sewisy, and R. F. Mansour, "Verification of partially deformed Fingerprints relying on Evolutionary Algorithms". *Graphics, Vision, and Image Processing (GVIP) Journal*, Vol. 7, No. 1, April, 2007, pp. 43-49.
39. M. R. Girgis, A. A. Sewisy, and R. F. Mansour, "Employing Generic Algorithms for precise Fingerprint Matching based on Line Extraction". *Graphics, Vision, and Image Processing (GVIP) Journal*, Vol. 7, No. 1, April, 2007, pp. 51-59.
40. C.-H Chang, M. Kayed, M. R. Girgis, and K. F. Shaalan, "A Survey of Web Information Extraction Systems". *IEEE Transactions on Knowledge and Data Engineering*, Vol. 18, No. 10, October 2006, pp. 1411-1428.
41. Ahmed Younes and Moheb R. Girgis, "A Tool For Computing Computer Network Reliability". *International Journal of Computer Mathematics*, Vol. 82, No. 12, December 2005, pp. 1455-1456.
42. M. R. Girgis and A. A. Aly, "Using Symbolic Execution and Branch Coverage Criteria to Aid Test Data Selection for Interprocedural Program Testing". *Egyptian Informatics Journal*, Vol. 6, No. 2, December 2005, pp. 18-37.
43. E. A. Zanaty and M. R. Girgis, "Collect The Fitted Surfaces Into Complex Based On C^0 Continuity". *Journal of Universal Computer Science*, Vol. 11, No. 6, pp. 1102-1114, June 2005.
44. M. R. Girgis, "Automatic Test Data Generation For Data Flow Testing Using A Genetic Algorithm". *Journal of Universal Computer Science*, Vol. 11, No. 6, pp. 898-915, June 2005.

45. M. R. Girgis, A. Younes, and M. R. Hassan, "An Approach To Find An Optimal Network Design Using A Genetic Algorithm And Fuzzy Optimization". *Scientific Bulletin, Faculty Of Engineering, Ain Shams University*, Vol. 39, No. 1, March 2004, pp. 581-593.
46. M. R. Girgis and A. A. Aly, "A Feature Selection and Classification Technique For Text Categorization". *International Journal of Cooperative Information Systems*, Vol.12, No. 4, December 2003.
47. Ahmed A. A. Radwan, Moheb R. Girgis, and Alaa A. Ghanem, "A Study of Barycentre Algorithm For Hierarchical Graph Crossings Minimization". *International Journal of Intelligent Computing & Information Sciences*, Vol. 2, No. 2, July 2002, pp. 13-22.
48. Ahmed A. A. Radwan, Moheb R. Girgis, and Esam H. Houssin, "Techniques for Determining the Area Requirement of Visibility Representation of Rooted Trees". *International Journal of Intelligent Computing & Information Sciences*, Vol. 2, No. 2, July 2002, pp. 69-79.
49. Moheb R. Girgis, A. A. Aly, and M. S. Kayed, "Automatic Information Retrieval Of Short Documents". *International Journal on Information Theories and Applications*, Vol. 9, 2002.
50. A. A. A. Radwan, M. R. Girgis, and E. H. Houssin, "Comparing Area Requirements Of Different Visibility Representations Of Rooted Trees". *International Journal of Intelligent Computing & Information Science*, Vol. 2, No. 1, January 2002, pp. 68-77.
51. Moheb R. Girgis, "Interprocedural Program Testing Using Symbolic Execution and Data Flow Criteria". *International Journal of Applied Mathematics*, Vol. 7, No. 1, 2001, pp. 45-67.
52. M. R. Girgis and A. Younes, "Data Flow Testing Of Knowledge-Based Systems". *Egyptian Computer Science Journal*, Vol. 23, No. 1, January 2001, pp. 1-15.
53. A. A. A. Radwan, M. R. Girgis, and A. Ghanem, "A Study of the Area of Drawing Level Graphs". *International Journal of Applied Mathematics*, Vol. 5, No. 4, 2001, pp. 363-375.
54. A. A. A. Radwan, T. M. Mahmoud, M. R. Girgis, and E. F. El-Geldawi, "Improving the Efficiency of the Flow Deviation Method for Solving the Optimal Routing Problem in a Packet-Switched Computer Network". *Egyptian Computer Science Journal*, Vol. 22, No. 2, July 2000.
55. A. Younes, M. R. Girgis, and M. R. Hassan, "An Approach to the Verification and Correction of Knowledge-Based Systems". *Egyptian Computer Science Journal*, Vol. 22, No. 1, January 2000, pp. 47-63.
56. Moheb R. Girgis, "A System for Interprocedural Data Flow Analysis and Testing". *International Journal of Applied Mathematics*, Vol. 3, No. 2, 2000, pp. 133-150.
57. Emdad H. Khan, Mansoor Al-A'ali, and Moheb R. Girgis, "Object-Oriented Programming for Structured Procedural Programmers", *IEEE Computer Journal*, USA, Vol. 28, No. 10, 1995.
58. M. R. Girgis, "Using Symbolic Execution and Data Flow Criteria to Aid Test Data Selection", *Software Testing, Verification and Reliability Journal*, UK, Vol. 3, No. 2, 1993, pp. 101-112.

59. M. R. Girgis, "Writing FORTRAN Programs in Arabic Language", *Journal of the Institute of Maths & Computer Science (Computer Science Series)*, India, Vol.3, No. 2, 1992, pp. 51-63.
60. M. R. Girgis, "An experimental Evaluation of a Symbolic Execution Systems", *IEE Software Engineering Journal*, UK, Vol. 7, No. 4, 1992, pp. 285-290.

Papers Published in Conference Proceedings:

1. Hatem A. EL-Azab, Moheb R. Girgis, Essameldin F. Elfakharany, and Mohamed Elemam Shehab, "Design and Implementation of Multicore Support for a Highly Reliable Self-Repairing μ -Kernel OS", Proceedings of The 2017 IEEE Eighth International Conference on Intelligent Computing and Information Systems (ICICIS'17), 5-7 December, 2017, pp. 13-22, Cairo, Egypt.
2. Hatem A. EL-Azab, Moheb R. Girgis, Essameldin F. Elfakharany, and Mohamed Elemam Shehab, "Turning a Highly Reliable, Self-Repairing μ -Kernel OS into a Multicore-Based OS", Proceedings of The 27th International Conference on Computer Theory and Applications (ICCTA 2017), IEEE, 28-30 October 2017, pp. 39 – 49, Alexandria, Egypt.
3. Mohamed Heshmat, Walaa M. Abd-Elhafiez, Moheb Girgis, and Seham Elaw, "Face Identification System in Video", Proceedings of The 2016 Eleventh International Conference on Computer Engineering & Systems (ICCES), IEEE, 20-21 Dec. 2016, pp. 147 – 154, Cairo, Egypt.
4. Mohamed Heshmat, Walaa M. Abd-Elhafiez, Moheb Girgis, and Seham Elaw, "An efficient scheme for face detection based on contours and feature skin recognition", Proceedings of The 2015 Tenth International Conference on Computer Engineering & Systems (ICCES), IEEE, 23-24 Dec. 2015, pp. 255 – 260, Cairo, Egypt.
5. Mohamed Heshmat, Walaa M. Abd-Elhafiez, Moheb Girgis, and Seham Elaw, "Human Face Detection in a Video Stream Using Luv Color Space", International Conference on Pure and Applied Sciences, Mar 28-30, 2015, Luxor, Egypt
6. Moheb R. Girgis, Alaa I. El-Nashar, Awany A. Sayed, and Tahany Akl, "An Automated GUI Testing Tool", Proceedings of The Sixth International Conference on Intelligent Computing and Information Systems (ICICIS 2013), Cairo, Egypt, December 14-16, 2013, pp. 111-118.
7. Moheb R. Girgis, Elnomery A. Zany, Mohamed M. Abdel-Aziz, Aida H. Abu-Bakr, "A Tool for Testing UML Design Models", International Conference on Mathematics, Trends and Development (ICMTD12), Cairo, Egypt, 27 – 29 Dec. 2012.
8. Moheb R. Girgis, Tarek M. Mahmoud, Rehab R. Nour, "UML Class Diagram Metrics Tool", Proceedings of 2009 International Conference on Computer Engineering and Systems (ICCES'09), Cairo, Egypt, December 14-16, 2009, pp. 423-428.

9. A. Swilem, M. R. Girgis, E. A. Zanaty, and R. Ramadan, "An Algorithm for Mean Pyramids Vector Quantization Using Hadamard Transform and Tree Structure", IEEE International Conference on Image Processing, Egypt, November 2009.
10. Taha M. El-Gindy, Moheb R. Girgis, M. R. A. Moubarak, and Hala A. Abdel-Moneim, "Image Similarity Using Skeleton End Points and Geometric Hashing", Proceedings of 18th International Conference Computer Theory & Applications (ICCTA 2008), Alexandria, Egypt, 11-13 October 2008, pp. 118-122.
11. Moheb R. Girgis, Tarek M. Mahmoud, Youssef S. Takroni, and Hassan S. Hassan, "A New Route Optimization Technique for Mobile IP", Proceedings of IADIS International Conference Informatics 2008, Amsterdam, The Netherlands, July 22-27, 2008, pp. 221-224.
12. A. Swilem, M. R. Girgis, E. A. Zanaty, and R. Ramadan, "A Fast Search Algorithm for Mean Pyramids Vector Quantization Using Hadamard Transform", International Conference on Informatics and Systems (INFOS2008), Cairo, Egypt, 27-29 March 2008, pp. MM-13 – MM-19.
13. Ahmed S. Ghiduk, Mary Jean Harrold, and Moheb R. Girgis, "Using Genetic Algorithms to Aid Test-Data Generation for Data-Flow Coverage". Proceedings of the 14th Asia-Pacific Software Engineering Conference, Nagoya, Japan, Dec. 4-7, 2007, pp. 41-48.
14. Mohammed Kayed, Chia-Hui Chang, Khaled Shaalan, and Moheb Ramzy Girgis, "FiVaTech: Page-Level Web Data Extraction from Template Pages", Proceedings of the 17th IEEE International Conference on Data Mining Workshops 2007 (ICDM Workshops 2007), Omaha, US, Oct. 28-31, 2007, pp. 15-20.
15. T. M. Mahmoud, M. R. Girgis, and A. A. Baker, "A Genetic Algorithm for the Shortest Path Multicast Routing with Delay and Delay Variation Constraints". Proceedings of the Third International Conference on Intelligent Computing and Information Systems (ICICIS 2007), Cairo, Egypt, March 15-18, 2007, pp. 73-78.
16. M. R. Girgis, T. M. Mahmoud, and H. M. Elshafie, "A Design of an Immunity System Against Computer Viruses". Proceedings of the Third International Conference on Intelligent Computing and Information Systems (ICICIS 2007), Cairo, Egypt, March 15-18, 2007, pp. 335-340.
17. M. R. Girgis, T. M. Mahmoud, and T. Abd-El-Hafeez, "A System for Extracting Images and URLs from Web Pages". Proceedings of the Third International Conference on Intelligent Computing and Information Systems (ICICIS 2007), Cairo, Egypt, March 15-18, 2007, pp. 377-382.
18. M. T. El-Melegy, E. A. Zanaty, M. R. Girgis, and Walaa M. Abd-Elhafiez, "Improving Image Segmentation via Decision Fusion". Proceedings of the Second International Computer Engineering Conference (ICENCO 2006), December 2006, pp. IP-17 – IP-23.
19. M. R. Girgis, Tarek M. Mahmoud and Ghada W. Hanna, "A Comparative Study of Genetic Algorithm-based Approaches and a Hybrid Simulated Annealing-Genetic Algorithm Approach for Solving the Reliable Network Design Problem". Proceedings of the Second International Computer Engineering Conference (ICENCO 2006), December 2006, pp. CI-23 – CI-30.

20. M. T. El-Melegy, E. A. Zanaty, M. R. Girgis, and Walaa M. Abd-Elhafiez, "On Automatic Determination of Number of Clusters in Fuzzy and K-means Clustering Algorithms". Proceedings of the Second International Computer Engineering Conference (ICENCO 2006), December 2006, pp. CI-56 – CI-63.
21. Moheb R. Girgis, Abd El-Mgeid A. Aly, Bahgat A. Abdel Latef, and Boutros R. El-Gamil, "Biological Environment for Information Retrieval". Sixth International Conference on Intelligent Systems Design and Applications (ISDA 2006), 16-18 October 2006, Jinan, China.
22. Moheb R. Girgis, Ahmed A. A. Radwan, Bahgat A. Abdel Latef, and Alaa M. Zaki, "State-Based Testing of Object-Oriented Programs". The 40th Annual Conference on Statistics, Computer Science, and Operations Research, 3-6 December 2005, I.S.S.R., Cairo University, Egypt.
23. Abdelaziz M. Khamis, Moheb R. Girgis and Ahmed S. Ghiduk, "A Software Tool For the Automatic Selection of Spanning Sets For Coverage Testing", Third International Conference on Informatics and Systems (INFOS2005), Cairo, Egypt, 19-22 March 2005.
24. Chia-Hui Chang, Mohammed Kayed, Moheb Ramzy Girgis and Khaled Shaalan, "Criteria For Evaluating Information Extraction System", Third International Conference on Informatics and Systems (INFOS2005), Cairo, Egypt, 19-22 March 2005.
25. E. A. Zanaty and M. R. Girgis, "Collect The Fitted Surfaces Into Complex Based On C^0 Continuity". The 29th International Conference For Statistics, Computer Science and Applications, Cairo, Egypt, 17-22 April 2004, pp. 87-97.
26. E. A. Zanaty, M. R. Girgis and R. J. Cripps, "Data Reduction Technique For Reverse Engineering". The 29th International Conference For Statistics, Computer Science and Applications, Cairo, Egypt, 17-22 April 2004, pp. 75-85.
27. Moheb R. Girgis, Ahmed A. A. Radwan, and Hanaa F. Moursy, "An Approach To Testing Compound Predicates Using Predicate-Based And Data Flow Testing Strategies". The 38th Annual Conference on Statistics, Computer Science, and Operations Research, 13-16 December 2003, I.S.S.R., Cairo University, Egypt.
28. M. R. Girgis, A. A. A. Radwan, and T. Abd-El-Hafeez, "An Approach To Slicing Object-Oriented Programs". The 37th Annual Conference on Statistics, Computer Science, and Operations Research, 14-17 December 2002, I.S.S.R., Cairo University, Egypt.
29. M. R. Girgis, A. A. A. Radwan, and A. I. El-Nashar, "Reengineering Sequential Programs for Parallel Execution". The 37th Annual Conference on Statistics, Computer Science, and Operations Research, 14-17 December 2002, I.S.S.R., Cairo University, Egypt.
30. Moheb R. Girgis, Tarek M. Mahmoud, and Ahmed M. Rabie, "A Genetic Algorithm For Solving The Delay-Constrained Minimum-Cost Network Design Problem". Proceedings of the First International Conference on Intelligent Computing and Information Systems (ICICIS 2002), Cairo, Egypt, June 24-26, 2002, pp. 110-116.
31. Moheb R. Girgis, Ahmed A. Radwan, and Alaa I. El-Nashar, "Applying Data Flow Analysis For Detection of Parallel Programs Anomalies". 10th International Conference on Artificial Intelligence Applications, 6-9 February 2002, Cairo, Egypt.

32. Ahmed A. A. Radwan, Moheb R. Girgis, and Esam H. Houssin, "Techniques Of Determining The Area Requirement Of Visibility Representation Of Rooted Trees". 10th International Conference on Artificial Intelligence Applications, 6-9 February 2002, Cairo, Egypt.
33. A. A. A. Radwan, M. R. Girgis, and E. H. Eliwa, "A New Strategy For Using The Label Correcting Algorithm To Solve The Shortest Path Problem". 11th International Conference on Computer Theory and Applications (ICCTA'2001), 28-30 August 2001, Alexandria, Egypt.
34. Moheb R. Girgis, A. A. Aly, A. A. Abd-Allah, and A. S. Ahmed, "Using Symbolic Execution to Aid Branch Testing". The 35th Annual Conference on Statistics, Computer Science, and Operations Research, 18-20 November 2000, I.S.S.R., Cairo University, Egypt.
35. Moheb R. Girgis and Maha G. Mansaur, "Applying Traditional Testing Techniques to Object-Oriented Programs". The 35th Annual Conference on Statistics, Computer Science, and Operations Research, 18-20 November 2000, I.S.S.R., Cairo University, Egypt.
36. Emdad H. Khan and Moheb R. Girgis, "The Effect of OO Life Cycle on Software Project Management". Proceedings of The International Engineering Management Conference, August 18 - 20, 1996, Vancouver, B.C., Canada.
37. Moheb R Girgis, Mansoor H. Al-A'ali and Ala Al-Zobaidie, "Creating an Object Oriented Schema From Arabic Natural Language Sentences". Proceedings of The 5th International Conference and Exhibition on Multi-Lingual Computing, Cambridge, England, April 1996, pp. 3.9.1 - 3.9.10.
38. E. H. Khan and M. R. Girgis, The Construction of Object-Class Diagram Using ERD and DFD Models for OOSAD Paradigm, Proceedings of The 1st Symposium on Computer Applications in Bahrain, Bahrain, May 1994.
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42. M. R. Girgis and M. R. Woodward, An Experimental Comparison of the error Exposing Ability of Program Testing Criteria, Proceedings of The Workshop on Software Testing, Banff, Canada, July 1986.
43. M. R. Girgis and M. R. Woodward, An Integrated System for Program Testing Using Weak Mutation and Data Flow Analysis, Proceedings of The 8th International Conference on Software Engineering, London, UK, August 1985.

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1. Ahmed Younes, "An Experimental Comparison of Data Flow Testing Strategies," 1990, Assiut University, Egypt.
2. A. A. Ali, "Empirical Study of Symbolic Execution Testing Techniques," 1990, Assiut University, Egypt.
3. Maha G. Mansour, "An Empirical Study of the Applicability of Traditional Testing Techniques to Object-Oriented Programs," 2001, Minia University, Egypt.
4. Ahmed S. Ghiduk, "An Experimental Study of the Interprocedural Symbolic Execution of Programs Using Different Path Selection Criteria," 2001, Minia University, Egypt.
5. Mohammed Kayed, "The Development of a System for Automatic Storage and Retrieval of Computer Terms and their Definitions in English and Arabic", 2002 , Minia University, Egypt.
6. Alaa A. Ghanem, "A Study of Some Algorithms for Drawing Level Graphs", 2004, Minia University, Egypt.
7. Hanaa F. Moursy, "Empirical Studies of Predicate-Based Software Testing Strategies", 2004, Minia University, Egypt.
8. Esam H. Houssin, "A Comparative Study of Some Algorithms for Tree Drawing", 2004, Minia University, Egypt.
9. Tarek Abd-El-Hafeez, "An Empirical Study of Using Program Slicing in Software Testing and Maintenance," 2005, Minia University, Egypt.
10. Ahmed M. Rabie, "A Study of Using Genetic Algorithms to Design Computer Networks", 2006, Minia University, Egypt.
11. Enas F. El-Geldawi, "A Comparative Study of the Optimal Routing Algorithms of Computer Networks", 2006, Minia University, Egypt.
12. Romany F. Mansour, "A Study of Arbitrary Shapes Detection From Digital Images Using Genetic Algorithms", 2006, Assiut University, Egypt.
13. Hany A. Abdel-Rahman, "The development of an Expert System For Building Object-Oriented Databases From Arabic Natural Language Descriptions", 2006, South Valley University, Egypt.
14. Walaa M. Abd-Elhafiez, "Improving Image segmentation Via Decision Fusion", 2007, Sohag University, Egypt.
15. Entesar H. Eliwa, "A Study of Different Techniques for Solving the Shortest Path Problem", 2007, Minia University, Egypt.
16. Boutros R. El-Gamil, "The Construction of a Biological Model for Information Retrieval", 2008, Minia University, Egypt.
17. Ghada W. Hanna, "The Design of Reliable Computer Networks Using Genetic Algorithms", 2008, Minia University, Egypt.
18. Amal A. Baker, "A Study of Using Genetic Algorithms in Multicast Routing in Computer Networks", 2008, Minia University, Egypt.
19. Alaa M. Zaki, "Applying State-Based Testing Techniques To Object-Oriented Software", 2008, Minia University, Egypt.
20. Husain Kamal "A Study of Computer Viruses and The Design of Computer Immunity Systems", 2009, Minia University, Egypt.

21. Hassan Shaban "A Study of Route Optimization Techniques for Mobile IP", 2009, Minia University, Egypt.
22. Rehab R. Nour, "A Study of the Quality Metrics of Object-Oriented Software", 2010, Minia University, Egypt.
23. Alaa Mohammed Attya Allakany, "QOS Multitask Routing of Computer Networks Using Metaheuristics", 2010, South Valley University, Egypt.
24. Rania Ramadan Mohamed, "Fast Image Coding Techniques For Digital Image", 2010, Sohag University, Egypt.
25. Alaa Mohammed Attya Allakany, "QoS Multicast Routing of Computer Networks Using Metaheuristics", 2010, South Valley University, Qena, Egypt.
26. Seham Elew Amer, "Study of Some Image Processing Techniques and their Applications", 2011, Sohag University, Egypt.
27. Eman Hassan Abd-Elkawy, "Using Genetic Algorithms to Aid Regression Testing of Software", 2012, Beni Suef University, Egypt.
28. Zainab Mohammed El-Saghier, "Solving the routing and capacity assignment problem in computer network considering QoS constraints", 2012, Sohag University, Egypt.
29. Aida Husain, "A Study of UML-Based Testing Techniques of Object-Oriented Programs", 2014, South Valley University, Egypt.
30. Tahany Aql Saied, "A Study of Graphical User Interface (GUI) Testing Techniques", 2014, Minia University, Egypt.
31. Mohamed Salah Reda, "A Study of some image retrieval techniques based on vector Quantization", 2015, Minia University, Egypt.
32. Hagar Azam, "Task Scheduling in Multiprocessor Systems Using Genetic Algorithms", 2015, Minia University, Egypt.
33. Fatma Azzam, "A study of Using Metaheuristic Algorithms in information Retrieval Techniques", 2015, Minia University, Egypt.
34. Marwa Ahmed Mohammed, "A Study of Structural Testing of Web Applications", 2017, Minia University, Egypt.
35. Hatem A. EL-Azab, "Design and Implementation of Multicore Support for a Highly Reliable Self-Repairing Microkernel Operating System", 2018, Arab Academy for Science and Technology & Maritime Transport, College of Computing & Information Technology, Egypt.
36. Lamiaa Mohammed Radi, "Finger Print Recognition using Vector Quantization and Histogram modeling", 2018, Minia University, Egypt.
37. Hazem Ibrahim Goda, "The Automatic Generation of Software Test Suites Using a Hybrid Genetic Algorithm-Neural Networks Strategy", Beni Suef University, Egypt. (in progress)
38. Asmaa Mohammed Hassan, "A Study of Applying Machine Learning Techniques in Software Testing", Minia University, Egypt. (in progress)
39. Mohammed Mahmoud Talaat, "A Study of Some Fractal Image Compression Techniques and Their Applications of Digital Images", Minia University, Egypt. (in progress)
40. Marena Esam Ishaq, "Using Some Intelligent Computational Methods for Solving Pattern Recognition Problems", Minia University, Egypt. (in progress)

41. Radwa Esam El-Dean Bahgat Ibrahim, "A Study of Using Nature-Inspired Metaheuristics in Cryptanalysis of Some Ciphers", Minia University, Egypt. (in progress)
42. Rofida Mohammed Gamal Shehata, "A Study of Protein Structure Prediction Using Metaheuristic Algorithms", Minia University, Egypt. (in progress)

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1. ElNomary A. Zanaty, "Genetic Algorithms for Surface Fitting in Reverse Engineering," 2002, South Valley University, Egypt.
2. Alaa I. El-Nashar, "Studies of Parallel Programs Testing Techniques and the Development of an Automated Support System," 2005, Minia University, Egypt.
3. Moatamed R. Hassan, "Studies on Using Genetic Algorithms for Solving Optimal Computer Networks Design Problems with Fuzzy Goals," 2006, South Valley University, Egypt.
4. Mohammed Kayed, "Information Extraction From Semi-Structured Web Pages", 2007, Cairo University, Egypt.
5. Ahmed S. Ghiduk, "Software Test Data Generation Using Genetic Algorithms", 2007, Cairo University, Egypt.
6. Romany F. Mansour, "Using Genetic Algorithms to Improve Deformed Fingerprints Identity Verification System", 2009, Assiut University, Egypt.
7. Tarek Abd-El-Hafeez, "The Design Of System For Detecting and Filtering Undesirable Images In Web Pages", 2009, Minia University, Egypt.
8. Hala A. Abdel-Moneim, "Content-Based Image Retrieval Using Genetic Algorithms and Geometric Hashing", 2010, Minia University, Egypt.
9. Ayman Asaad Abdel-Rahman Ahmed, "Efficient Segmentation Algorithms for Medical-CAD Modeling, 2013, Al-Azhar University, Assiut, Egypt.
10. Abeer Abdullah Omar Al-Mehdhar, "Modified SOM Algorithm for Molecular sequence classification and Data Security", 2013, Assiut University, Egypt.
11. Entesar H. Eliwa, "Using Data Mining Techniques to Improve the Performance of Decision Support Systems", 2014, Minia University, Egypt.
12. Ahmed M. Rabie, "Solving the Wireless Mesh Networks Design Problem Using Metaheuristics", 2015, Minia University, Egypt.
13. Alaa Mohammed Zaki, "State-Based Testing of web Applications", 2015, Minia University, Egypt.
14. Eman Hassan Abd-Elkawy, "Test Paths Generation Using Search-Based Testing Algorithms", 2015, Beni Suef University, Egypt.
15. Seham Elew Amer, "A System for Human Face Detection and Verification in Digital Images", 2016, Sohag University, Egypt.
16. Ghada W. Hanna, "QoS Multicast Routing in Computer Networks Using Intelligent Computational Methods", 2017, Minia University, Egypt.
17. Hagar Azam, " ", Minia University, Egypt. (in progress)
18. Tahany Aql Saied, "A Study of Automating the Testing Process of Mobile Applications", Minia University, Egypt. (in progress)
19. Islam El-Gendy, Assiut University, Egypt. (in progress)

بيان بالرسائل العلمية التي شاركت في تحكيمها (اسم الطالب-الكلية-الجامعة-الدرجة العلمية):

1. الرسالة المقدمة من الطالب/ ربيع عبد الله علي أحمد للحصول على درجة الماجستير في العلوم (علوم الحاسب) من قسم الرياضيات بكلية العلوم - جامعة عين شمس ، بعنوان :
Attribute Grammars and Compilers Construction
2. الرسالة المقدمة من الطالبة/ رحاب محمد جاد القاضي للحصول على درجة الماجستير في العلوم (الإحصاء وعلوم الحاسب) من قسم الرياضيات بكلية العلوم - جامعة المنصورة ،
بعنوان :
Computer-Aided Study of Stirling Numbers and Some Applications
3. الرسالة المقدمة من الطالبة / عبير عبد الله عمر المحضار ، للحصول على درجة الماجستير في العلوم الرياضيات "علوم حاسب" من قسم الرياضيات بكلية العلوم - جامعة أسيوط ،
بعنوان:
Neural Network Interpretation Using Evolutionary Algorithm
4. الرسالة المقدمة من الطالب / أحمد إبراهيم طلويه ، للحصول على درجة الماجستير في العلوم الرياضيات "علوم حاسب" من قسم الرياضيات بكلية العلوم - جامعة أسيوط ، بعنوان:
Data Clustering Using Evolutionary Algorithms
5. الرسالة المقدمة من الطالبة / مروة عبد الرزاق محمد ، للحصول على درجة الماجستير في العلوم في الرياضيات (شعبة حاسب آلي) من قسم الرياضيات بكلية العلوم - جامعة الأسكندرية ، بعنوان:
Synthesis and Adaptation of Multi-Agent Systems
6. الرسالة المقدمة من الطالب / عمر رياض محمد أحمد ، للحصول على درجة الماجستير في العلوم رياضيات "علوم الحاسب" من قسم الرياضيات بكلية العلوم - جامعة سوهاج ، بعنوان:
Some Aspects of Cryptography and Information Theory
7. الرسالة المقدمة من الطالبة / رشا محمود عبد العزيز ، للحصول على درجة الماجستير في العلوم الرياضيات "علوم حاسب" من قسم الرياضيات بكلية العلوم - جامعة أسيوط ، بعنوان:
Knowledge Discovery Using Support Vector Machines
8. الرسالة المقدمة من الطالب / محمد عبد الله محمد بامطرف ، للحصول على درجة دكتوراه الفلسفة في العلوم الرياضيات "علوم حاسب" من قسم الرياضيات بكلية العلوم - جامعة أسيوط،
بعنوان:
Intrusion Detection and Medical Applications: Data Mining Approaches

9. الرسالة المقدمة من الطالبة / نرمين محمود محمد كاشف ، للحصول على درجة الماجستير في العلوم في الرياضيات (شعبة حاسب آلي) من قسم الرياضيات بكلية العلوم – جامعة الأسكندرية ، بعنوان:

Tracking Model for Gesture Recognition

10. الرسالة المقدمة من الطالب / أحمد محمد صلاح حسين ، للحصول على درجة الماجستير في العلوم الرياضيات "علوم حاسب" من قسم الرياضيات بكلية العلوم – جامعة أسيوط ، بعنوان:

Three-Dimensional Shape Reconstruction Using Shape From Shading

11. الرسالة المقدمة من الطالب / عبد الرحيم أحمد هاشم محمد ، للحصول على درجة الماجستير في العلوم رياضيات "علوم حاسب" من قسم الرياضيات بكلية العلوم – جامعة أسيوط ، بعنوان:

Missing Data Imputation Based on Clustering Algorithms

12. الرسالة المقدمة من الطالبة / ولاء محمد عبد الحفيظ ، للحصول على درجة دكتوراة الفلسفة في العلوم رياضيات "علوم حاسب" من قسم الرياضيات بكلية العلوم – جامعة سوهاج ، بعنوان:

Image and Video Coding Technique Based on Object Extraction

13. الرسالة المقدمة من الطالبة / أحمد فؤاد عبد الرحمن علي ، للحصول على درجة دكتوراة الفلسفة في العلوم رياضيات "علوم حاسب" من قسم الرياضيات بكلية العلوم – جامعة أسيوط ، بعنوان:

Developing Efficient Computational Intelligence Techniques for Protein 3D-Structure Prediction

14. الرسالة المقدمة من الطالب / محمد مصطفى محمد درويش ، للحصول على درجة الماجستير في العلوم رياضيات "علوم حاسب" من قسم الرياضيات بكلية العلوم – جامعة أسيوط ، بعنوان:

Computationally Efficient Association Rules Mining Algorithms

15. الرسالة المقدمة من الطالب / مصطفى كمال عثمان ، للحصول على درجة الماجستير في علوم حاسب من كلية الحاسبات والمعلومات – جامعة القاهرة ، بعنوان:

Designing Machine Learning Tools Based on Meta-Heuristic Programming

16. الرسالة المقدمة من الطالب / عمرو عاطف عبد المجيد ، للحصول على درجة الماجستير في الحاسبات والمعلومات (نظم المعلومات) من كلية الحاسبات والمعلومات – جامعة أسيوط ، بعنوان:

Discovering and Predicting Genes' Information Using Text Mining

17. الرسالة المقدمة من الطالب / حسام الدين رفعت محمد ، للحصول على درجة دكتوراة الفلسفة في العلوم الرياضيات "علوم حاسب" من قسم الرياضيات بكلية العلوم - جامعة أسيوط ،
بعنوان:

Design Parallel Techniques for Association Rule Mining on Distributed Shared Memory
18. الرسالة المقدمة من الطالبة / حنان حامد أمين ، للحصول على درجة الماجستير في العلوم "علوم حاسب" من قسم الرياضيات بكلية العلوم - جامعة سوهاج ، بعنوان:

Advanced Topics in Artificial Neural Networks

19. الرسالة المقدمة من الطالب / حمادة إبراهيم عبد الوكيل ، للحصول على درجة الماجستير في علوم حاسب من كلية الحاسبات والمعلومات - جامعة القاهرة ، بعنوان:

Semantic Message Addressing

20. الرسالة المقدمة من الطالب / محمد يوسف بسيوني مهدي ، للحصول على درجة الماجستير في الحاسبات والمعلومات (علوم حاسب) من كلية الحاسبات والمعلومات - جامعة أسيوط ،
بعنوان:

An Efficient Algorithm for Template Matching

21. الرسالة المقدمة من الطالب / إسلام طه مرسي علي الجندي ، للحصول على درجة الماجستير في الحاسبات والمعلومات (علوم حاسب) من كلية الحاسبات والمعلومات - جامعة أسيوط ،
بعنوان:

Augmented Clothes Controlled by a Motion Capture System

22. الرسالة المقدمة من الطالبة / سارة صلاح محمد عبد العال ، للحصول على درجة دكتوراة الفلسفة في العلوم الرياضيات (علوم حاسب) من كلية العلوم - جامعة أسيوط ، بعنوان:

Predicting the Native Structures of Proteins in Hydrophobic-Polar Lattice Model

23. الرسالة المقدمة من الطالبة / نزيهة محمد علي العيدرويس ، للحصول على درجة دكتوراة الفلسفة في العلوم الرياضيات (علوم حاسب) من كلية العلوم - جامعة أسيوط ، بعنوان:

Highly Secure and Imperceptible Techniques for Steganography

24. الرسالة المقدمة من الطالبة / يازة سيد محمد رسلان ، للحصول على درجة دكتوراة الفلسفة في العلوم الرياضيات (علوم حاسب) من كلية العلوم - جامعة أسيوط ، بعنوان:

Machine Learning Using Immune System Programming

25. الرسالة المقدمة من الطالب / محمد مصطفى محمد درويش ، للحصول على درجة دكتوراة الفلسفة في العلوم الرياضيات (علوم حاسب) من قسم الرياضيات بكلية العلوم - جامعة أسيوط ، بعنوان:

Moments of Digital Images in Different Coordinate Systems: Computations and Applications

26. الرسالة المقدمة من الطالب / عمرو مجدي ربيع كامل ، للحصول على درجة الماجستير في الحاسبات والمعلومات (علوم حاسب) من كلية الحاسبات والمعلومات - جامعة أسيوط ،
بعنوان:

Steganalysis Using Discrete Cosine Transform Features

27. الرسالة المقدمة من الطالب /همام عبد العال همام الشاذلي ، للحصول على درجة دكتوراة الفلسفة في العلوم الرياضيات (علوم حاسب) من قسم الرياضيات - كلية العلوم بقنا - جامعة جنوب الوادي بعنوان:

Image Features Description and its Applications in Ear Recognition

1. Rabie Abdalla Aly Ahmed, Attribute Grammars and Compilers Construction, MSc. Thesis, Faculty of Science, Ain Shams University.
2. Rehab Mohamed Gad El-Kady, Computer-Aided Study of Stirling Numbers and Some Applications, MSc. Thesis, Faculty of Science, Mansoura University.
3. Abeer Abdalla Omar El-Mohdar, Neural Network Interpretation Using Evolutionary Algorithm, MSc. Thesis, Faculty of Science, Assiut University.
4. Ahmed Ibrahim Taloba, Data Clustering Using Evolutionary Algorithms, MSc. Thesis, Faculty of Science, Assiut University.
5. Marwa Abdel-Razek Mohamed, Synthesis and Adaptation of Multi-Agent Systems, MSc. Thesis, Faculty of Science, Alexandria University.
6. Omar Reyad Mohamed Ahmed, Some Aspects of Cryptography and Information Theory, MSc. Thesis, Faculty of Science, Sohag University.
7. Rasha Mahmoud Abdel-Aziz, Knowledge Discovery Using Support Vector Machines, MSc. Thesis, Faculty of Science, Assiut University.
8. Mohamed Abdalla Mohamed Bamatraf, Intrusion Detection and Medical Applications: Data Mining Approaches, PhD. Thesis, Faculty of Science, Assiut University.
9. Nermeen Mahmoud Mohamed Kashef, Tracking Model for Gesture Recognition, MSc. Thesis, Faculty of Science, Alexandria University.
10. Ahmed M. Salah Hussein, Three-Dimensional Shape Reconstruction Using Shape From Shading, MSc. Thesis, Faculty of Science, Assiut University.
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14. Mohammed Mustafa Mohammed Darwish, Computationally Efficient Association Rules Mining Algorithms, MSc. Thesis, Faculty of Science, Assiut University, 2011.
15. Mostafa Kamal Othmam, Designing Machine Learning Tools Based on Meta-Heuristic Programming, MSc. Thesis, Faculty of Computers & Information, Cairo University, 2011.
16. Amr Atef Abdel-Maged, Discovering and Predicting Genes' Information Using Text Mining, MSc. Thesis, Faculty of Computers & Information, Assiut University, 2012.
17. Hosam Eldin Refaat Mohamed, Design Parallel Techniques for Association Rule Mining on Distributed Shared Memory, PhD. Thesis, Faculty of Science, Assiut University, 2012.
18. Hanan Hamed Amin, Advanced Topics in Artificial Neural Networks, MSc. Thesis, Faculty of Science, Sohag University, 2012.

19. Hamada Ibrahim Abdul Wakeil, Semantic Message Addressing, MSc. Thesis, Faculty of Computers & Information, Cairo University, 2012.
20. Mohamed Yousef Bassyouni Mahdy, An Efficient Algorithm for Template Matching, MSc. Thesis, Faculty of Computers & Information, Assiut University, 2013.
21. Islam Taha Morsy Ali El-Gendy, Augmented Clothes Controlled by a Motion Capture System, MSc. Thesis, Faculty of Computers & Information, Assiut University, 2013.
22. Sara Salah Mohammed, Predicting the Native Structures of Proteins in Hydrophobic-Polar Lattice Model, PhD. Thesis, Faculty of Science, Assiut University, 2014.
23. Naziha Mohammed Ali Al-Aidroos, Highly Secure and Imperceptible Techniques for Steganography, PhD. Thesis, Faculty of Science, Assiut University, 2014.
24. Yara Sayed Mohammed Raslan, Machine Learning Using Immune System Programming, PhD. Thesis, Faculty of Science, Assiut University, 2015.
25. Mohammed Mustafa Mohammed Darwish, Moments of Digital Images in Different Coordinate Systems: Computations and Applications, PhD. Thesis, Faculty of Science, Assiut University, 2017.
26. Amr Magdy Rabee, Steganalysis Using Discrete Cosine Transform Features , MSc. Thesis, Faculty of Computers & Information, Assiut University, 2018.
27. Hammam Abdel-aal Hammam Alshazly, Image Features Description and its Applications in Ear Recognition, PhD. Thesis, Qena Faculty of Science, South Valley University, 2018.

بيان بالدوريات العلمية التي قمت بتحكيم أبحاث فيها وعدد هذه الأبحاث:

1. "Control Flow and Data Oriented Integration Test Methods," by Andreas Spillner. Submitted for publication in the Journal of Software Testing Verification & Reliability, UK, 1992.
2. "An Extension of Def-Use Graph for Data Flow Testing at the Program Level," by Hasan Ural, Submitted for publication in the Journal of Software Testing Verification & Reliability, UK, 1994.
3. "ADTEST: A Test Data Generation Suit for Ada Software Systems," by V.L. Narasimban and M.J. Gallagher, Submitted for publication in the IEEE Transactions on Software Engineering, USA, 1995.
4. "Enterprise-Heuristics Based Approach To Enhance KDD (KSA Unemployment Problem Case Study)", by H. AbdAlhakim, O. Emam and A. H. Al Howymil, Submitted for publication in the International Journal of Intelligent Computing and Information Sciences, 2009.
5. "Dynamic Architecture for E-Health System", by N. L. Badr, Submitted for publication in the International Journal of Intelligent Computing and Information Sciences, 2009.
6. "Test Data Generation using Mutation Analysis based adequacy testing criteria", Submitted for publication in **JIPS**, 2011.
7. " Automated Test Data Generation Using Cuckoo and Tabu Search", Submitted for publication in **JIPS**, 2012.
8. "CASONTO: An Efficient and Scalable Arabic Semantic Search Engine based on a Domain Specific Ontology and Question Answering", Submitted for publication in **International Journal of Web Information Systems (IJWIS)**, 2016.
9. "A novel method of grouping target paths for messagepassing parallel programs", Submitted for publication in **IEEE Transactions on Reliability**, 2017.
10. "Metaheuristic Algorithm for State-based Software Testing", Submitted for publication in **Arabian Journal for Science and Engineering (AJSE)**, 2017.

الدورات التدريبية في مجال نظم إدارة الجودة:

م	كود الدورة	عنوان الدورة	فترة الدورة
1	I3	تنمية مهارات رعاية الطلاب	2005/1/12-11
2	I1	تنمية مهارات العرض الفعال	2005/1/31-29
3	P4	تنمية آداب وأخلاقيات المهنة	2005/8/17-15
4	L3	إتخاذ القرارات وحل المشكلات	2005/12/14-12

2006/1/24-23	الجوانب القانونية بالجامعات	L4	5
2007/9/ 27-25	معايير الجودة في العملية التدريسية	T4	6

الأنشطة المختلفة في مجال نظم إدارة الجودة / مشروعات تطوير التعليم:
إدارة مشروع تطوير البنية الأساسية لشبكة معلومات جامعة المنيا التابع لمشروع تطوير نظم وتكنولوجيا المعلومات في التعليم العالي (ICTP) .

فحص الإنتاج العلمي للمتقدمين إلى اللجنة العلمية الدائمة لترقية الأساتذة والأساتذة المساعدين (رياضيات) في تخصص علوم الحاسب :

1. فحص الإنتاج العلمي المقدم من السيد الدكتور/ السيد عبد المقصود محمد عتلم الأستاذ المساعد بقسم الرياضيات – الحاسب الآلي بكلية العلوم – جامعة طنطا للحصول على اللقب العلمي أستاذ "علوم الحاسب" . (2013)
2. فحص الإنتاج العلمي المقدم من السيد الدكتور/ أحمد محمد خضر سليمان الأستاذ المساعد بقسم الرياضيات بكلية العلوم – جامعة الزقازيق للحصول على اللقب العلمي أستاذ . (2014)
3. لفحص الإنتاج العلمي التكميلي المقدم من السيد الدكتور/ السيد عبد المقصود محمد عتلم الأستاذ المساعد بقسم الرياضيات بكلية العلوم – جامعة طنطا للحصول على اللقب العلمي أستاذ . (2014)
4. فحص الإنتاج العلمي المقدم من السيد الدكتور/ عصام علي همام أحمد راشد المدرس بقسم الرياضيات بكلية العلوم – جامعة قناة السويس للحصول على اللقب العلمي أستاذ مساعد. (2015)
5. فحص أحد البحوث المقدمة ضمن الإنتاج العلمي للسيد الدكتور/ عبد الرحمن عبد الرحمن إبراهيم كراوية المدرس بقسم الرياضيات بكلية العلوم – جامعة المنصورة للحصول على اللقب العلمي أستاذ مساعد . (2015)
6. فحص الإنتاج العلمي المقدم من السيد الدكتور/ طارق صلاح السيد صبح المدرس بكلية الحاسبات والمعلومات للحصول على اللقب العلمي أستاذ مساعد. (2017)
7. فحص الإنتاج العلمي المقدم من السيد الدكتور/ هاني عبد الرحمن محمد السلاموني المدرس بقسم الرياضيات بكلية العلوم – جامعة حلوان للحصول على اللقب العلمي أستاذ مساعد. (2017)