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EDUCATION:

Ph.D. Electronic Engineering, Awarded by L'Institut National polytechnique de Toulouse (INPT), Universite Paul Sabatier, Toulouse, France, September 1982.

Dissertation title: "Design and Implementation of a Monotube Sequential Color TV Camera".

Diplome d'Etude Approfondies in Electrical Engineering, Awarded by l'Institut National Polytechnique de Toulouse, France, June, 1980.

Title: "Image Processing Algorithms for a lab System".

M.Sc. Electrical Engineering, Awarded by MTC, Cairo, Egypt, 1979.

Thesis title: "Improvement of bit error rate in a high noisy channel through convolutional codes".

Diploma & Entrance Interview: Awarded by MTC, Egypt, 1976.

Title: "Evaluation of motion parameters of air targets using digital techniques".

B.Sc. in Electrical Engineering: Awarded by MTC, 1968.

RELATED EXPERIENCE:

Teaching:

Several Computer Engineering and Computer Science undergraduate and postgraduate courses including:

Logic Design, Computer Architecture & Organization, operating systems, Digital Systems Design, Microprocessor-Based Systems, Microprocessor Interfacing, Assembly Language, Systems Programming, Signals & Systems, Digital Signal Processing, Digital Image Processing, Computer Vision, Robotics, Linear Control Systems, Digital Control Systems, Data Communication, Programming Languages,....

Thesis Supervision:

- Supervision of more than 40 Ph.D. & M.Sc. students,
- Refereeing the work of more than 50 Ph.D. & M.Sc. students.

Professional Career & Affiliations

- Professor of Electrical Engineering, MTC, Cairo, Egypt.
- Professor of Computer Systems, Computer systems Department, Faculty of Computer & Information Sciences, Ain-Shams University.
- Head of Computer systems Department, Faculty of Computer & Information Sciences, Ain-Shams University.
- Director of the Information Technology Research Center, Faculty of Computer & Information Sciences, Ain-Shams University.
- Vice Dean for postgraduate and research affairs, Faculty of Computer & Information Sciences, Ain-Shams University.
- Head of Computer Engineering Department, Taif University, ksa.
- Emeritus Professor, Computer systems Department, Faculty of Computer & Information Sciences, Ain-Shams University.

PUBLICATIONS:

International Publications:

1. Reem Haweel, Ahmed M. Shalaby, Ali H. Mahmoud, Mohammed Ghazal, Noha Seada, Said Ghoniemy, Manuel Casanova, Gregory N. Barnes, And Ayman El-Baz, "A Novel Grading System for Autism Severity Level Using Task-Based Functional MRI: A Response to Speech Study", IEEE Access, VOLUME 9, 2021.
[DOI: 10.1109/ACCESS.2021.3097606](https://doi.org/10.1109/ACCESS.2021.3097606)
2. Haweel R., Seada N., Ghoniemy S., Alghamdi N.S., El-Baz A., "A CNN deep local and global ASD classification approach with continuous wavelet transform using task-based fMRI", *Sensors*, 21(17), art. no. 5822., 2021.
[DOI:10.3390/s21175822](https://doi.org/10.3390/s21175822)
3. Esraa T. Sadek; Noha A. Seada; Said Ghoniemy, "A Review on Computer Vision-Based Techniques for Autism Symptoms Detection and Recognition", 15th International Conference on Computer Engineering and Systems (ICCES), Cairo, Egypt, 2020.
[DOI: 10.1109/ICCES51560.2020.9334560](https://doi.org/10.1109/ICCES51560.2020.9334560)
Publisher: IEEE
4. Reem Haweel , Ahmed Shalaby , Ali Mahmoud , Noha Seada , Said Ghoniemy , Mohammed Ghazal , Manuel F. Casanova , Gregory N. Barnes , Ayman El- Baz, "A Robust DWT- CNN Based CAD System for Early Diagnosis of Autism Using Task- based fMRI", *The International Journal of Medical Physics Research and Practice*, 2020.
<https://doi.org/10.1002/mp.14692>
5. Reem Haweel, Omar Dekhil, Ahmed Shalaby, Ali Mahmoud, Mohammed Ghazal, Ashraf Khalil, Said Ghoniemy, Robert Keynton, Adel Elmaghraby, Gregory Barnes, Ayman El-Baz, "Functional Magnetic Resonance Imaging Based Framework for Autism Diagnosis:, 2019 Fifth International Conference on Advances in Biomedical Engineering (ICABME), Tripoli, Lebanon, 2019
[DOI: 10.1109/ICABME47164.2019.8940348](https://doi.org/10.1109/ICABME47164.2019.8940348)

6. Hesham Hussien, Eman Shaaban, and Said Ghoniemy, "Adaptive Hierarchical Scheduling Framework for TiRTOS", International Journal of Embedded and Real-Time Communication Systems, Volume 10, Issue 1, pp. 119-135, 2019.
[DOI: 10.4018/IJERTCS.2019010107](https://doi.org/10.4018/IJERTCS.2019010107)
7. Hesham Hussien, Eman Shaaban, and Said Ghoniemy, "Mixed-criticality Hierarchical Scheduling for TIRTOs", 13th IEEE International Conference on Computer Engineering and Systems (ICCES 2018).
[DOI: 10.1109/ICCES.2018.8639233](https://doi.org/10.1109/ICCES.2018.8639233)
8. Sayed Fadel, Said Ghoniemy, Mohamed Abdallah, Hussein Abu Sorra, Amira Ashour, Asif Ansary, "Investigating the Effect of Different Kernel Functions on the Performance of SVM for Recognizing Arabic Characters", Inter. Journal of Advanced Computer Science and Applications (IJACSA), Vol. 7, No. 1, pp 446-450, 2016.
[DOI: 10.7763/IJMLC.2015.V5.513](https://doi.org/10.7763/IJMLC.2015.V5.513)
9. Meteb M. Altaf, Bassant M. El Bagoury, Fahad Alraddady, and Said Ghoniemy, "Enhancing Case-Based Retrieval Engine with Case Retrieval Nets for Humanoid Robot Motion Controller", International Journal of Machine Learning and Computing, Vol. 5, No. 3, pp. 235-241, June 2015.
[DOI: 10.7763/IJMLC.2015.V5.513](https://doi.org/10.7763/IJMLC.2015.V5.513)
10. Afifi, S. Ghoniemy, E.A. Zanaty, and S. F. El-Zoghdy, " New Region Growing based on Thresholding Technique Applied to MRI Data", International Journal of Computer Network and Information Security, MECS, pp. 61-67, 2015.
[DOI: 10.5815/ijcnis.2015.07.08](https://doi.org/10.5815/ijcnis.2015.07.08)
11. S.F.Bahgat , S. Ghoniemy , M. Alotaibi, "Proposed Multi-Modal Palm Veins-Face Biometric Authentication", (IJACSA) International Journal of Advanced Computer Science and Applications, Vol. 4, No. 6, 2013.
[DOI: 10.14569/IJACSA.2013.040612](https://doi.org/10.14569/IJACSA.2013.040612)
12. S.F. Bahgat, S. Ghoniemy, S. Aljahdali, M. Alotaibi, "A Proposed Hybrid Technique for Recognizing Arabic Characters", (IJACSA) International Journal of Advanced Computer Science and Applications, Vol. 3, No. 6, June 2012.
[DOI: 10.14569/IJARAI.2012.010405](https://doi.org/10.14569/IJARAI.2012.010405)
13. Hameed, S.A. Shaaban, E.M. Faheem, H.M. Ghoniemy, M.S., "Mobility-aware MAC protocol for delay-sensitive wireless sensor networks", International Conference on Ultra Modern Telecommunications & Workshops (ICUMT'09), pp. 1–8, St. Petersburg, Russia, Oct. 2009.
[DOI: 10.1109/ICUMT.2009.5345591](https://doi.org/10.1109/ICUMT.2009.5345591)
14. Ulf Witkowski, Emad Monier, Ulrich Rückert, Sally El Ghoul, M. S. El-Ghoniemy, Mohamed Saied Abdel-Wahab, A. Fouad, Ashraf Saad Hussein, A. Kamal, M. Abdel-Meniem, W. Abo El Khair, "An automated platform for minirobots experiments", Tenth International Conference on Control, Automation, Robotics and Vision (ICARCV), pp. 685-688, Hanoi, Vietnam 2008.
[DOI: 10.1109/ICARCV.2008.4795600](https://doi.org/10.1109/ICARCV.2008.4795600)
<https://dblp.org/rec/conf/icarcv/WitkowskiMRGEWFHKAK08>
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[DOI: 10.1109/ITICT.2007.4475629](https://doi.org/10.1109/ITICT.2007.4475629)
16. M. Fahmy Tolba, M. Al-Said Ghoniemy, Ismail Taha and Amal said Khalifa, "High Capacity Image Steganography using Wavelet-Based Fusion", in proceedings of The Ninth IEEE Symposium On Computers And Communications (ISCC'2004), Alex-Egypt, pp. 430-435, June 2004.

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[DOI: 10.1109/MELCON.1996.550977](https://doi.org/10.1109/MELCON.1996.550977)
18. D. El-Rayes, S. Ghoniemy, and S. F. Bahgat, "Digital image coding using Legendre Transform", Journal of Circuits, Systems, and Signal processing, vol. 13, No.1, Jan. 1994.
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19. S. Ghoniemy and S. F. Bahgat, "Rate distortion function for nth order Gaussian Markov process", Journal of Circuits, Systems, and Signal Processing, vol.12, No.4, 1993.
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22. Ashraf Anwar, Said Ghoniemy, "Machine Learning Evaluation In Paroxysmal Atrial Fibrillation (PAF) Prediction", Journal of Global Research in Computer Science, Volume 5, No. 2, pp. 5-10, February 2014."Available Online at www.jgrcs.info".
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25. Hussian AbouSora, Said Ghoniemy, Sayed A. Banwan, E.A.Zanaty, Ashraf Afifi, "Improved Fuzzy Possibilistic C-Means (IFPC-M) Algorithms For Magnetic Resonance Images Segmentation", Journal of Global Research in Computer Science, Volume 4, No. 1, pp. 1-8, 2013.
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26. Ashraf Afifi, E. A. Zanaty, and Said Ghoniemy, "Improving The Classification Accuracy Using Support Vector Machines (SVMs) With New Kernel", Journal of Global Research in Computer Science (JGRCS), Vol. 4, No. 2, 2013.
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29. Said Ghoniemy, Ashraf Fahmy, Sultan Aljahdaly, "A Dedicated Web-Based Learning System", Universal Journal of Computer Science and Engineering Technology (UniCSE), 1 (2), 84-92, 2010.
<http://www.unicse.org/publications/2010/november/A%20Dedicated%20Web-Based%20Learning%20System.pdf>
30. O. Said, S. Fadel, S. Ghoniemy, and Y.El Awady, "Analysis & Design and Simulation of A New System for Internet Multimedia Transmission Guarantee", International Journal of Computer Science and Information Security IJCSIS, V. 5, No. 1 September 2009.
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31. H. Khaled, H. M. Faheem, T. Hassan, S. Ghoneimy, "A Design of a Hybrid System for DNA Sequence Alignment", Proceedings of the International Multi-Conference of Engineers and Computer Scientists, IMECS 2008, Vol. I, Hong Kong, 2008.
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<http://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.96.8744&rep=rep1&type=pdf>
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https://www.researchgate.net/publication/263351475_Parallel_Mobile_Agent_Architecture_for_E-Commerce_Systems
36. M.F.Tolba, S.Ghoniemy, I.A.Taha, and A.S,Khalifa, "Reliable Blind Information Hiding into Colored Images using Reversible Wavelet Transform" International Journal of Computers and Their Applications, Vol. 12, No. 3, pp. 133-140, Sept 2005.
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39. Said Ghoniemy, Sayed Fadel, M Asif, "Experimental Comparison of the Performance of SVMs with Different Kernel Functions for Recognizing Arabic Characters", International Journal of informatics and medical data processing, vol.1, no.2, pp. 14-21, 2016.
40. S. F. El-Zoghdy, Said Ghoniemy, "Load Balancing In Cloud Computing: A Survey", International Journal of informatics and medical data processing, vol.1, no.2, pp. 22-32, 2016.
41. Ashraf Afifi, Said ghoniemy, E. A .Zanaty, S. F. El-Zoghdy, "Optimal Threshold Selection for Region Growing Technique Applied to MRI Data", International Journal of Advanced Research in Computer Science and Software Engineering, 3 (4), pp. 1-6, 2014.
42. Meteb M. Altaf, Bassant M. Elbagoury, Fhad Alraddady, and Said Ghoniemy, "Intelligent Control Algorithm for Multi-Humanoid Robots", Proceedings of the 2014 International Conference on Artificial Intelligence (ICOAI), Barcelona, Spain, PP. 1-18, 2014.
43. Hatem Abdel Hameed Darweesh, Said Ghoniemy, M. Roshdy, M. Aref, "Implementation of R-UCL Runtime Engine using MRDS", Fourth International Conference on Intelligent Computing and Information Systems, ICICIS, Cairo, 2010.
44. H. A. Darweesh, S. Ghoniemy. M. Roshdy, and M. Aref, "A Proposed Robot-Unified-Control-Language (R-UCL) and its Support Engine", 4th International ICICIS-09, pp. 324-328, Cairo, Egypt, 2009.
45. S. El Ghouli, A. Gamal, S. Ghoniemy, and M.S. Abdel Wahab, "Constructing an automated tele-workbench for mini robots", Tenth International Conference on Control, Automation, Robotics and Vision (ICARCV 2008), Hanoi, Vietnam, 2008.
46. M. Hashim, S. Ghoniemy, M. Sobhy , "Autonomous Distributed Fuzzy-based Mobile Agent for Participating in Multiple Online Auctions". ICICIS'07, Cairo, Egypt, 2007.
47. Ghoniemy, S., Salah Eldeen, S., ElNahas, A., "A Hybrid Distributed Channel Allocation Algorithm for Mobile Cellular Networks", ICICIS-07 Cairo, Egypt, pp. 341-348, March 2007.
48. M. Hashim, M. Sobhy, S. Ghoniemy, M. H. Mahran, "Autonomous Distributed Fuzzy-based Mobile Agent for Participating in Multiple Online Auctions". ICICIS'07, pp. 413-418, Cairo, Egypt, March, 2007.
49. A. S. Abbass, E. A. Soleit , and S. Ghoniemy, "Video Authentication Based on Phase Majority Voting", ICICIS'07, pp. 324-328, Cairo, Egypt, 2007.
50. M. Hashem, S. Ghoniemy, B. Hafiz, "The Quest of Accuracy in Applying Data Mining in Intrusion Detection Systems for Ad-Hoc Wireless Networks", ICICIS'07, pp. 478-481, Cairo, Egypt, 2007.
51. S. Abbass, E. A. Soleit , and S. Ghoniemy, "Blind Multi-Stream Video Data Hiding Using One-Dimensional Integer Wavelet Transforms", ICICIS'07, pp., 163-169, Cairo, Egypt, 2007.
52. M. Hashim, M. Sobhy, S. Ghoniemy, M. H. Mahran, "Optimal and Stable Buyer Coalition Formation Algorithm for E-Markets". The 2nd International Computer Engineering Conference (ICENCO'06), Cairo, Egypt, December, 2006.
53. M. Hashim, M. Ghoniemy, M. Mahran and B. Hafiz, "Usability Analysis of Applying Data Mining in Intrusion Detection Systems for Ad-Hoc Wireless Networks", The 2nd International Computer Engineering Conference (ICENCO'06), Cairo, Egypt, December, 2006.
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55. M. Fahmy Tolba, M. Al-Said Ghoniemy, Ismail Taha and Amal Said Khalifa, Two Wavelet-Based Schemes for Information Hiding into Colored Images, The International Conference Electrical, Electronic and Computer Engineering, Faculty of Engineering, Ain Shams University, May 30, 2004.
56. Said Ghoniemy, Mohamed Hashem, Mohamed Hamdy, "A Quality-Of-Service-Aware Genetic Algorithm For The Source Routing In Ad-Hoc Mobile Networks", 5th International Conference on Enterprise Information Systems ICEIS (2): pp. 589-599, France, 2003.
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61. A. Seddik and S. Ghoniemy, "Automatic Testing of Digital Circuits Through Signature Analysis", Proceedings of the IASTED International Conf. "Modeling, Simulation", Pittsburg, PA, USA, 1994.
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Local Publications:

1. M. Fahmy Tolba, M. Al-Said Ghoniemy, Ismail Taha and Amal S. Khalifa, "A New Model for Colored Image Steganography using Integer Wavelet Transforms", International Journal of Intelligent Computing and Information Sciences (IJICIS), Faculty of Computers and Information Sciences, Ain-Shams University, Vol. 4, No 1, pp.175-188, June 2004.
2. M. F. Tolba, M. A. Ghoniemy, I. A. Taha, and A. S. Khalifa, "Using Integer Wavelet Transforms In Colored Image-Steganography", International Journal of Intelligent Computing and Information Sciences (IJICIS), Vol. 4, No. 2, pp. 75-85, July 2004.
3. S. Bahgat, S. Ghoniemy, and M. A. Fahmy, "An Efficient Approach For Speech Enhancement Using Multi-Band Envelope Expansion Technique", Ain Shams University Engineering Bulletin, vol. 28, Sept. 1993.
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7. S. Ghoniemy and D. El-Rayess, "A Proposed Algorithm for the Recognition of Two-Dimensional Solid Polygons", ASAT Conference, IP-2: 921-932, Cairo, Egypt, 1989.
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10. S. Ghoniemy, S. F. Bahgat, and G. Kassem, "Hardware and Software Implementation of TV Image Tracking system using Video Blaster and Frame Difference Window Technique", 7th ASAT Conference, MTC, Cairo, Egypt, 1997.
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20. M. S. Aly, M. Menesy, and S. Ghoniemy, "Assessment of the linearized model of pure proportional navigation", Al-Azhar Engineering third International Conference, Dec.1993.
21. R. Boushra, A. El-Menhawey, S. Ghoniemy, and H. Hassan, "Modeling and simulation of air data system", 9th National Radio Science Conf., vol. C-17, pp.1- 8, Cairo, Egypt, 1992.
22. S. Ghoniemy, R. Bushra, A. El-Menhawey, and H. Hassan, "Design and implementation of a microcomputer-based air data computer", 9th National Radio Science Conference, vol. C-18, Cairo, 1992.
23. M. A. Fahmy, E. Zakzouk, S. Ghoniemy, and N. N. Sorial, "On-line optimal estimation of guidance states for short range homing system", 8th National Radio Science Conference (U.R.S.I), vol. C-27, pp. 1-8, Cairo, Egypt, February, 1991.
24. M. A. Fahmy, S. F. Bahgat, S. Ghoniemy, and E.E. Zakzouk, "Optimal stochastic guidance for a short range homing missile", El-Azhar Engineering Second Intern. Conference, pp.390-400, Cairo, Dec. 1991.
25. G. El-Sheikh, S. Ghoniemy, and A. S. Abdel Mohsen, "Attitude integration for strap-down inertial navigation systems", 8th National Radio Science Conference (U.R.S.I.), vol. C-26, pp. 1-8, Cairo, Egypt, Feb. 91.
26. S. Ghoniemy, A.El-Mahdy, and I. Abdel-Dayem, "Improving the signal to noise ratio of useful infrared signals in active noisy conditions through optical filters", 8th National Radio Science Conference (U.R.S.I.), Cairo, vol. E3, pp.1- 8, Feb. 1991.

27. S. Ghoniemy, M. Tantawy, and M. El-Liethy, "An improved guidance algorithm for solid propellant ballistic missiles", ASAT Conference, vol. GC-1, Cairo, Egypt, May 1991.
DOI: [10.21608/ASAT.1991.25811](https://doi.org/10.21608/ASAT.1991.25811)
28. G. El-Sheikh, A. S. Abdel-Mohsen, S. Ghoniemy, "A terrestrial strapdown navigation algorithm", ASAT Conference, vol. AV-5, pp. 475-485, Cairo, Egypt, May 1991.
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29. S. Ghoniemy, M. Tantawy, M. Elleithy, "An Improved Guidance Algorithm For Solid Propellant Ballistic Missiles", ASAT Conference Volume 4, GC-1, Article 33 Page 349-361, Cairo, 1991.
DOI: [10.21608/asat.1991.25811](https://doi.org/10.21608/asat.1991.25811)
30. G.A. El-Sheikh, A.S. Abdel-Mohsen, S. Ghoniemy, "A Terrestrial Strapdown Navigation Algorithm", 4th ASAT Conference, AV-5, pp. 475-485, Cairo, 1991.
DOI: [10.21608/asat.1991.25830](https://doi.org/10.21608/asat.1991.25830)
31. S. Ghoniemy, A. El-Mahdy, and I. Abdel-Dayem, "Improving the signal to noise ratio of useful infrared signals in active noisy conditions through optical filters," 8th National Radio Science Conference (U.R.S.I.), Cairo, vol. E3, pp. 1- 8, Feb. 1991.
32. A. A. Shahin, D. M.I. Elrayess, M. S. Ghoniemy, A. A. Elbatta, "Performance Evaluation of DPCM for Aerial Images", ASAT Conference, Volume 3, Article 28, pp. IP1-897-920, Cairo 1989.
DOI: [10.21608/ASAT.1989.25955](https://doi.org/10.21608/ASAT.1989.25955)
33. Mohammed El-Said Ghoniemy, Diaa M. I. El-Rayess, "A Proposed Algorithm for the Recognition of Two-Dimensional Solid Polygons", ASAT Conference, Article 29, Volume 3, pp. IP2 921-932, Cairo, 1989.
DOI: [10.21608/ASAT.1989.25957](https://doi.org/10.21608/ASAT.1989.25957)
34. D. M.I. Elrayess, A. A. Shahin, M. S. Ghoniemy, A. A. Elbatta, "Rate-Distortion Function For Gaussian Markov Process of Order N", ASAT Conference, Volume 3, Article 30, pp. IP3-933-945, Cairo, 1989.
DOI: [10.21608/asat.1989.25959](https://doi.org/10.21608/asat.1989.25959)
35. M. El-Leithy and S. Ghoniemy, "Near Optimal Guidance for Short Range Homing Missiles using Minimal Order Observer", 1st SDT Symposium, Cairo, Egypt, 1987.
36. Said Ghoniemy, "Implementation of Some Digital Image Processing Algorithms on a Laboratory-Designed DIP", A.S.A.T. Conference, Article 57, Volume 2, IP-1, pp. 1203-1214, Cairo, 1987.
DOI: [10.21608/asat.1987.26219](https://doi.org/10.21608/asat.1987.26219)

37. F. Ibrahim, A.Hanafy, S. Ghoniemy, " Statistical Design Of Recursive Digital Filters Using Iterative Techniques", First A.S.A.T. Conference NAV.4, Vol. 1, pp. 1143-1160, Cairo, Egypt, 1985.
DOI: [10.21608/asat.1985.26583](https://doi.org/10.21608/asat.1985.26583)
38. A. Assem, S. Ghoniemy, Y. EL Nahhas, M. Tantawy, "A Proposed-IR-Imaging System for Tracking of Missile IR Signature in an Antitank-Countermeasures Scenario", A.S.A.T. Conference, Article 110, Volume 1, IP-1, pp. 1355-1363, Cairo, 1985.
DOI: [10.21608/asat.1985.26631](https://doi.org/10.21608/asat.1985.26631)

Books

- Automatic Control Systems, Taif University, 2013.

Professional Memberships

- The Egyptian Association for Prevention of Information and Internet Crimes
- Egyptian Engineering Syndicate

Conferences:

- Program Chair, 4th International Conference on Intelligent Computing & Information Sciences (ICICIS-07), Cairo, Egypt, 2007.
- Program Chair, 3rd International Conference on Intelligent Computing & Information Sciences (ICICIS-05), Cairo, Egypt, 2005.
- Organizing Committee of:
 - 25th International Conference on Computer Applications in Industry and Engineering, Sponsored by International Society for Computers and their Applications (ISCA).
"http://www.iaiai.org/event/caine2012/caine2012/"
 - 5th International Workshop on Advanced Computation for Engineering Applications (ACEA), Taif University, Taif, Saudi Arabia, 2011.
 - CAINE 2018
<http://www.caine-conf.org/2018/organizers>
- Program committee of:
 - 24th International Conference on Computer Applications in Industry and Engineering, November 16-18, 2011, Sheraton Waikiki, Honolulu, Hawaii, USA, "http://cit.tu.edu.sa/caine2011/"

- o 26th International Conference on Computer Applications in Industry and Engineering (CAINE 2013)
- o 27th International Conference on Computer Applications in Industry and Engineering (CAINE 2014)
- o 28th International Conference on Computer Applications in Industry and Engineering (CAINE 2015)
- o 29th International Conference on Computer Applications in Industry and Engineering (CAINE 2016)
- o International Conference of Intelligent Computing and Information Sciences (ICICIS 2017)
net2.asu.edu.eg/icicis/2017/index.php/technical-program-committee
- o 5th International Workshop on Advanced Computation for Engineering Applications (ACEA), Taif University, Taif, Saudi Arabia, 2011.
- o The Sixth CIT Scientific Forum for Students, Computers and Information Technology College, Taif University, 2014

Journals:

Editorial Boards:

- o Associate Editor, International Journal of Intelligent Computing and Information Sciences (IJICIS).
- o Managing Editor, International Journal of Intelligent Computing and Information Sciences (IJICIS).
- o Editorial Board, International Journal on Intelligent Computing & Information Sciences (IJICIS), Ain Shams University, Cairo, Egypt, (2000-2006).

Reviewer for the following Journals:

- International journal of intelligent computing and Information sciences (IJICIS)
"http://net2.asu.edu.eg/ijicis/index.php/volumed"
- International Journal of Advanced Computer Science and Applications (IJACSA) Science and Information Organization (SAI)
"https://thesai.org/Reviewers?current=1&filter=S&journal=IJACSA"
- International Journal of Advanced Research in Artificial Intelligence (IJARAI) Science and Information Organization (SAI)
DOI : "http://dx.doi.org/10.14569/
- British Journal of Mathematics & Computer Science (BJMCS), 2014
Elsevier: "https://www.sciencedirect.com/science/journal/23147288"
- Future Computing and Informatics Journal
"https://www.sciencedirect.com/science/journal/23147288/2/2"

- Journal of High Speed Networks:
"https://www.iospress.nl/journal/journal-of-high-speed-networks/"
- Information Technology Research Journal (ITRJ-12-042)
itrsjl@globomail.com
- Journal of Theoretical and Applied Information Technology (JATIT)
https://www.jatit.org/
- Journal of King Abdulaziz University, Computing and Information Technology Sciences
https://fcitjournal.kau.edu.sa/
- Science Publishing Group, USA
http://www.sciencepublishinggroup.com
- American Journal of Embedded Systems and Applications (AJESA)
http://www.sciencepublishinggroup.com/j/ajesa
- FCIH International Journal on Computer Science and Information Systems
http://fcih.helwan.edu.eg/files/Journal/fcih-journal22Nov.pdf
- King Faisal University Scientific Journal
https://www.kfu.edu.sa/en/departments/sjournal/pages/home.aspx
- Advances in the Internet of Things (AIT)
https://www.scirp.org/journal/ait/
- Concurrency and computation: Practice and Experience
- Ar-AIJI المجلة العربية الدولية للمعلوماتية
"http://www.dfaj.net/index.php?r=journals/Journal&i=351"

Organizational Professional Activities

Scientific Committees

Ain Shams University:

- ✓ Member of the Post-Graduate Council
- ✓ Member of the Cultural Relations Council

Faculty of Computers and Information Sciences, Ain Shams University:

- ✓ Member of the College Council
- ✓ Chair of the post-graduate committee
- ✓ Chair of the Cultural relations committee
- ✓ Chair of the computer systems department council

Taif University:

- ✓ Member of the scientific council
- ✓ Member of the committee of research Excellence and patent Awards

- ✓ Member of the books' publishing committee
- ✓ Member of the University promotion committee
- ✓ Member of the University Correculum committee

College of Computers and Information Technology, Taif University:

- ✓ Chair of the Computer Engineering Department Council
- ✓ Chair of Peer Review evaluation committee
- ✓ Chair of Faculty Promotion Committee
- ✓ Chief of the Scientific Research Committee
- ✓ Member of Computer Engineering Curriculum Committee
- ✓ Member of Computer Engineering ABET Accreditation Committee
- ✓ Member of Computer Engineering National Accreditation Committee
- ✓ Member of the Examinations and Control Committee.

BUE

- ✓ Member of BUE Tenure Committee for Informatics and Computer Science

Arab Academy for Science, Technology & Maritime Transport (AASTMT)

- ✓ External reviewer of the national accreditation files

Academic Experience

- * Emeritus Professor, Ain Shams University, [June 2016 –Present]
- * Professor, Taif University, KSA, [Feb 2007 – May 2016]
- * Professor, Ain Shams University, Cairo, Egypt, [Jul 1998 – Jan 2007]
- * Professor, MTC, Cairo, Egypt, [Jul 1995 – Jun 1998]
- * Associate Professor, MTC, Cairo, Egypt, [Jul 1989 – Jun 1995]
- * Assistant Professor, MTC, Cairo, Egypt, [Jul 1982 – Jun 1989]

Industrial Experience

Director of the Information Technology Research and Consultancy center (ITRCC),
Ain-Shams University, Cairo, Egypt, [Jul 1998 – Jan 2007].

GRANTS & CONSULTING:

Awarded research grants

- DITE Program (Diploma in Information Technology and entrepreneurship),
Connecticut University-Ain-Shams University, [2004-Present]
I:\DR_SAID\Activities\DITE Project Institution.mht

- "Analysis, Design and Simulation of A Novel System for Internet Multimedia Transmission Guarantee ", (10 months, 63,000 SR), 2010.
- "The Solution of Machines'time Scheduling Problem Using AI Approaches", (10 months, 63,000 SR), 2011.
- "A proposed Hybrid Technique for Recognizing Arabic Characters", (20 months, 60,000 SR), 2013.
- "A Proposed Multi-Modal Face and Palm Veins Biometric Authentication System, ", (10 months, 63,000 SR), 2015.
- "Optimal Threshold Selection for Region Growing segmentation approach Based on Memetic Programming, ", (10 months, 63,000 SR), 2016 .

PROFESSIONAL SERVICES:

- Associate Editor and Managing Editor of IJICIS Journal, [May 2000 - 2006]
- Editor and Reviewer in several International Journals.
- Scientific Council, Taif University, [Oct 2010 - September 2015]
- Research and patent Awards committee, Taif University, [May 2011 – September 2015]
- Books'publishing committee, Taif University, [May 2011 – September 2015]
- Computer Engineering Curriculum Committee, Taif University, [Oct 2007 - May 2016]
- Computer Engineering Promotion Committee, Taif University, [Oct 2010 - May 2016]
- Computer Engineering ABET Committee, Taif University, [Oct 2009 - May 2016]
- Chair of Peer Review Evaluation Committee, Taif University, [Oct 2010 – May 2016]

SUPERVISED PH. D. THESES:

1. Performance evaluation of a current-source inverter-fed induction motor under field orientation control.
2. Guidance & control strategies for surface-to-surface strapdown ballistic missiles.
3. Performance of digital image coding systems in the presence of channel errors.
4. Automatic Testing of Digital Circuits using Compact Signature Analysis.
5. Automatic Landing Systems using Adaptive Optimal Control Techniques.
6. Image Tracking Systems Using Parallel Processing.
7. Diagnosis of Brain Disorders Employing Brain Biomedical Data

SUPERVISED M. SC. THESES:

1. Proposed approaches to digital filter design using iterative techniques.
2. A proposed infrared imaging system with improved countermeasures capabilities.
3. Scene analysis of digital images.
4. Design & implementation of acquisition and memory system for digital image processing.
5. An investigation into the performance of strap-down inertial navigation systems.
6. Modeling & simulation of a microcomputer-based air data system.
7. Design & implementation of a microcomputer-based controller for a system with unknown parameters.
8. Microcomputer-based automatic testing system through signature analysis.
9. A computer-based time share control system.
10. Image processing systems for TV image tracking.
11. Performance evaluation of a microcomputer-based digital controller.
12. Adaptive Control Systems Applications.
13. Digital image processing using transputers.
14. Improving of Fusing Systems Performance
15. Laser Guidance Systems
16. Modeling & Simulation of Guided Projectiles
17. Modeling and Simulation of Guidance systems using Fuzzy Logic
18. Channel Allocation Algorithms in Cellular Mobile Networks
19. Design of an Adaptive Ad hoc Routing protocol using Intelligent Mobile Servers
20. Routing Protocols For Mobile Ad Hoc Networks
21. Mobility-Aware MAC for Wireless Sensor Networks
22. Design and Implementation of a Robot Unified Control Language
23. Enhancement of Performance and Automation of Electronic Commerce Systems using Mobile Agents
24. A Design of Multi-Agent Based System for Target Tracking
25. Quality of Service of Routing Protocols in Ad-hoc Networks.
26. Improving Content-based Indexing and Retrieval of Instructional videos
27. Secure Cluster Formation for Wireless Sensor Networks

28. Utilization of FPGA to Identify DNA Sequence Mutation.
29. Integrating Wireless Sensor Networks with IP-based Networks
30. Wireless Fair Scheduling Protocol for Real-Time Traffic
31. DNA Sequence Analysis
32. Developing a Scheduling Framework for Real-time Operating Systems (2019)
33. Enhancing Privacy and Performance in Anonymized Networks
34. Autism Signs Detection and Recognition Using Computer Vision

HONORS AND AWARDS

- Awarded the Republican Medal from the President of Egypt 1996.
- Taif University prize for scientific publishing 1433/1434
- The Ideal Professor, College of Computers and Information Technology, Taif University

Scientific Promotion Activities for Hadramout University (Yemen), Islamic University (Jordan), El-Imam University (Saudia), King Abdelaziz University (Saudia), Al-Hussien Bin Talal University (Jordan), ...

Ph.D. and M.Sc. Theses Refereeing at Ain Shams University, Military Technical College, German University in Egypt, Arab Academy for Science, Technology & Maritime Transport (AASTMT), Sohag University. Sues Canal University, Menufia University, King Abdelaziz University,