

السيرة الذاتية

أولاً: البيانات الشخصية:-



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ثانياً: البيانات العلمية:

الدرجة العلمية	دكتوراة
القسم العلمي	تكنولوجيا الإلكترونيات
التخصص العام	هندسة الاتصالات
التخصص الدقيق	هندسة الشبكات اللاسلكية

ثالثاً: التدرج الوظيفي:

الوظيفة الحالية	مدرس بقسم تكنولوجيا الإلكترونيات	
المناصب التي تقلدها	داخل الكلية	خارج الكلية

رابعاً: الخبرات :

الخبرات الأكاديمية والعملية
• البحث العلمي
• دورات في صيانة لوحات التحكم
• تنفيذ وتصميم مشروعات التيار الخفيف

خامساً: المواد القائم بتدريسها :

في مرحلة الدراسات العليا	في مرحلة البكالوريوس
•	<ul style="list-style-type: none">الاتصالاتالقياساتإختبار مساعدة الحاسبتطبيقات و تكنولوجيا الالكترونيات

سادساً: النشر العلمي

بيان بالنشر العلمي للسيد الدكتور/محسن أحمد محمود محمد البندراي

Journal Publications:

1. M. A. M. Mohamed, A. Abou El-Azm, N. A. El-Fishawy, M. A. R. El-Tokhy and F. E. Abd El-Samie " Optimization of Bluetooth Frame Format for Efficient Performance," PIER-B, Progress In Electromagnetics Research M, Vol. 1, 101–110, 2008.
2. M. A. M. Mohamed, A. E. Abou El-Azm, N. A. ElFishawy, M. A. R. El-Tokhy, F. Shawky and F. E. Abd ElSamie, " Bluetooth Performance Improvement Using Convolutional Codes, " Journal of Automation & Systems Engineering, Vol. 3, No. 1, 2009.
3. W. Al-Nuaimy, M. A.M. El-Bendary, A. Shafik, F. Shawki, A.E. Abou-El-azm, N.A. El-Fishawy, S. M. Elhalafawy, S. M. Diab, B. M. Sallam, F. E. Abd El-Samie, and H.B. Kazemian, " An SVDA Audio Watermarking Approach Using Chaotic Encrypted Images," DSP, Digital Signal Processing, Vol. 21, No. 6, pp. 764-779, 2011, Elsevier DOI: 10.1016/j.dsp.2011.01.013 (Impact Factor: 1.617).
4. M. A. M. M. El-Bendary, A. Abou El-Azm, N. ElFishawy, F. S. M. Al-Hosarey, M. A. R. Eltokhy, F. E. Abd El-Samie, and H. B. Kazemian, " An Efficient Chaotic Interleaver for Image Transmission over IEEE 802.15.4

Zigbee Network" Journal of Telecommunications and Information Technology JTIT, Vol. 3, No.2, pp. 67-73, 2011.

5. M. A. M. El-Bendary, A. E. Abou-El-azm, N. A. ElFishawy, F. Shawki, M. El-Tokhy, F. E. Abd El-Samie, H. B. Kazemian, " Enhancing the Image Transmission over Wireless Networks through a Novel Interleaver" KSII Transactions on Internet and Information Systems Vol. 5, No. 9, pp. 1528-1543, 2011, DOI: 10.3837/tiis.2011.09.003, (Impact Factor: 0.20).
6. M. A. M. El-Bendary, A. Abou El-Azm, N. El-Fishawy, F. S. M. Al-Hosarey, M. A. R. Eltokhy, F. E. Abd El-Samie, and H. B. Kazemian, " SVD Audio Watermarking: A Tool to Enhance the Security of Image Transmission over ZigBee Networks", Journal of Telecommunication and Information Technology, JTIT, pp. 99-107, Vol. 4, 2011.
7. M. A. M. El-Bendary, A. E. Abou-El-azm, N. A. ElFishawy, F. Shawki, F. E. Abd El-Samie, H. B. Kazemian, "Embedded Throughput Improving of Low-rate EDR Packets for Lower-latency", IJICE International Journal of Information and Communications Engineering, pp. 238-247, Vol. 6:4, 2010, ISSN: 2010-4049, e-ISSN: E-ISSN: 201004049.
8. M. A. M. El-Bendary, A. E. Abou-El-azm, N. A. ElFishawy, F. Shawki, , F. E. Abd El-Samie, H. B. Kazemian, "Image Transmission in Low-Power Networks in Mobile Communications Channel ", WASC, World Academy of Science, Engineering and Technology, pp. 1019-1025, Vol. 80 2011, ISSN: 2010-376x, e-ISSN: 2010-3778
9. M. A. M. El-Bendary, A. Abou El-Azm, N. El-Fishawy, F. S. M. Al-Hosarey, M. A. R. Eltokhy, F. E. Abd El-Samie, and H. B. Kazemian, "Performance of the Audio Signals Transmission over Wireless Networks with the Channel Interleaving Considerations," EURASIP Journal on Audio, Speech, and Music Processing, Springer Vol. 4, 2012. DOI:10.1186/1687-4722-2012-4, (Impact Factor = 0.71).

10. M. A. M. El-Bendary, A. Abou El-Azm, N. El-Fishawy, F. S. M. Al-Hosarey, M. A. R. Eltokhy, F. E. Abd El-Samie, and H. B. Kazemian, "Image Transmission over Mobile Bluetooth Networks with Enhanced Data Rate Packets and Chaotic Interleaving," *Wireless Networks, WINET*, Springer, DOI 10.1007/s11265-010-0516-3, (Impact Factor =1.05).
11. M. A. M. El-Bendary, A. Abou El-Azm, N. El-Fishawy, F. S. M. Al-Hosarey, M. A. R. Eltokhy, F. E. Abd El-Samie, and H. B. Kazemian, "Transmission of Color Images over Mobile Bluetooth Networks with Efficient Channel Coding and Interleaving" , *IJE, International Journal of Electronics* (Impact Factor =2.923).
12. M. A. M. El-Bendary, A. Abou El-Azm, N. El-Fishawy, F. S. M. Al-Hosarey, M. A. R. Eltokhy, F. E. Abd El-Samie, and H. B. Kazemian, "An Efficient Data Randomization Tool For Image Transmission over Mobile WPANs," Accepted for publication in the *International Journal of Communication System (IJCS)* (Impact Factor =.024).
13. Naglaa F. Soliman, Mohsen A. M. Elbendary, Fathi E. Abd El-samie, Abdelhamid A. Shaalan, Sayed El-Rabaie, Saleh Ahmad, and Yasser Albagory, Chaotic Interleaver for Robust Progressive Image Transmission of LDPC coded OFDM over Frequency Selective Fading Channels, *Journal of Wireless Personal Communications*, Springer, Aug. 2014, DOI 10.1007/s11277-014-1977-7, (Impact factor=0.979).
14. Ali A. Khalil, Mohsen A. M. El-Bendary, Mostafa Abd El-Nabi1, Sayed M. Saad, Saleh Ahmad, Fathi E. Abd ElSamie, Efficient Speaker Identification from Speech Transmitted over Bluetooth Channel, *International Journal of Speech Technology*, Springer, DOI 10.1007/s10772-014-9238-4.
15. M. A. M. El-Bendary , H. Kasban and M. A. R. El-Tokhy, Interleaved Reed-Solomon Codes With Code Rate Switching over Wireless Communications Channels, *International Journal of Information Technology and Computer Science (IJITCS)* (<http://www.ijitcs.com>) on

16. Ahmed A. Abouelfadl , M. A. M. El-Bendary and F. Shawki, "Enhancing Transmission over Wireless Image Sensor Networks Based on ZigBee Network", Life Science Journal 2014;11(8), PP. 342-354, (Impact factor=0.165).
17. S. S. Nassar, N. M. Ayad, H. M. Kollash, O. S. Faragallah, M. A. M. El-Bendary and F. E. Abd-Elsamie, Multi-level Security Technique Using Steganography with Chaotic Encryption, CiiT International Journal of Digital Image Processing, Vol 6, No 03, March 2014, PP. 142-148 (Impact factor=0.65).
18. Mohsen A. M. El-Bendary, Mostafa A. R. El-Tokhy, An Efficient Burst Errors Combating for Image Transmission over Mobile WPANs, World Academy of Science, Engineering and Technology International Journal of Electrical, Electronic Science and Engineering Vol:7 No:5, 2013.

Conference Publications:

1. M. A. Mohamed El-Bendary, A. E. Abou-El-azm, N. A. ElFishawy, A. Hagagg, F. Shawki and F. E. Abd El-Samie, "Real-Time Audio Signal Transmission Over The ACL Link In Bluetooth Systems " Proceedings of the URSI National Radio Science Conference (NRSC), Cairo, Egypt, March2010.
2. M. A. Mohamed El-Bendary, A. E. Abou-El-azm, N. A. ElFishawy, M. A. R. El-Tokhy, F. Shawki and F. E. Abd ElSamie, "Throughput Improvement over Bluetooth System Through Adaptive Packets", The 2009 International Conference on Computer Engineering & Systems (ICCES'09), December 14 – 16, 2009, Triumph Hotel, Cairo, Egypt.
3. M. A. Mohamed El-Bendary, A. E. Abou-El-azm, N. A. ElFishawy, M. A. R. El-Tokhy, F. Shawki and F. E. Abd ElSamie, "Improving Power Efficiency of Bluetooth Systems with EDR Packets and Efficient Channel Coding", The 2009 International Conference on Computer Engineering & Systems (ICCES'09), December 14 – 16, 2009, Triumph Hotel, Cairo, Egypt.
4. M. A. Mohamed El-Bendary, A. E. Abou-El-azm, N. A. ElFishawy, M. A. R. El-Tokhy, F. Shawki and F. E. Abd ElSamie, "Novel Technique for Improving

Bluetooth Networks Security Through SVD-Based Audio Watermarking”,
The

2011 IEEE International Union of Radio Science, URSI GASS, Istanbul,
Turkey, Aug. 12 – 20, 2011.

5. M. A. Mohamed El-Bendary, A. E. Abou-El-azm, N. A. ElFishawy, M. A. R. El-Tokhy, F. Shawki and F. E. Abd ElSamie, “Power-Efficient of Image Transmission over Bluetooth Systems Using Randomization Technique”, EMedisys 2010 3rd International Conference: E-medical Systems, May 12-14, 2010 –Morocco.
6. M. A. Mohamed El-Bendary, A. E. Abou-El-azm, N. A. ElFishawy, M. A. R. El-Tokhy, F. Shawki and F. E. Abd ElSamie, “Studying the Performance of Image Transmission over Mobile Bluetooth Network` through Using EDR Packets”, E-Medisys 2010 3rd International Conference: Emedical Systems, May 12-14, 2010 –Morocco.
7. M. A. Mohamed El-Bendary, A. E. Abou-El-azm, N. A. ElFishawy, M. A. R. El-Tokhy, F. Shawki and F. E. Abd ElSamie, “Performance of Image Transmission over IEEE 802.15.1 and IEEE 802.15.4 with Fragmentation Consideration”, E-Medisys 2010 3rd International Conference: E-Medical Systems May 12-14, 2010 –
Morocco.
8. M. A. Mohamed El-Bendary, A. E. Abou-El-azm, N. A. ElFishawy, M. A. R. El-Tokhy, F. Shawki and F. E. Abd ElSamie, “Improving Image Transmission over Mobile Bluetooth Network Using EDR Packets through Proposed Chaotic Interleaver Design”, Accepted Mixdes Conference 2010, 17th International Conference Mixed Design of Integrated Circuits and Systems Wroclaw, 24-26 June 2010.
9. M. A. M. Mohamed, A. Abou El-Azm, N. A. El-Fishawy, M. A. R. ElTokhy, F. Shawky and F. E. Abd El-Samie "Bluetooth Performance Improvement Over Different Channels Through Channel Coding" Proceedings of the 5th International Multi-Conference on Systems, Signals and Devices, Jordan, 2008.
10. M. A. M. Mohamed, A. Abou El-Azm, N. A. El-Fishawy, M. A. R. El-Tokhy, F. Shawky and F. E. Abd El-Samie " Bluetooth Performance Improvement Using Convolutional Codes" Proceedings of the 2nd International Conference on
Electrical Systems Design & Technologies, Hammamet Tunisia, Nov. 8-10, 2008.
11. M. A. M. Mohamed El-Bendary, A. E. Abou-El-azm, N. A. El-Fishawy,

F. S. M. Al-Hosarey, M. A. R. El-Tokhy, and F.E. Abd El-Samie ,“Optimization of Bluetooth Packet Format for Efficient Performance” , Progress in Electromagnetic Research M, Vol. 1, 101 -110, 2008.

12. M. A. M. Mohamed El-Bendary, A. E. Abou-El-azm, N. A. El-Fishawy, F. S. M. Al-Hosarey, M. A. R. El-Tokhy, and F. E. Abd El-Samie ,“Bluetooth Performance Improvement with Existing Convolutional Codes over AWGN Channel” accepted in 2nd International Conference on Electrical Engineering Design and Technologies (ICEEDT’08) Transaction No. 537 November 8-10, 2008 Hammamet, Tunisia.
13. [M. A. M. Mohamed El-Bendary, A. E. Abou-El-azm, N. A. El-Fishawy, F. S. M. Al-Hosarey, M. A. R. El-Tokhy, and F. E. Abd El-Samie,“Improvement of Bluetooth Performance over Fading Channel through Convolutional Codes” , submitted to The 18 International Conferences on Computer Theory and Applications (ICCTA 2008) Alexandria-Egypt.
14. M. A. M. Mohamed El-Bendary, A. E. Abu El-Azm, N. A. El-Fishawy, A. Hagagg, F. Shawy, and F. E. Abd ElSamie,“Effects of Convolutional Encoder Constraint Lengths on Bluetooth Performance over Different Channels” , PIERS 2009 Moscow Progress. In Electromagnetics Research Symposium, August 18–21,2009, Moscow, RUSSIA
15. M. A. M. Mohamed El-Bendary, A. E. Abu El-Azm, N. A. El-Fishawy, A. Hagagg, F. Shawy, and F. E. Abd ElSamie,“Effects of Different Constraint Lengths of Convolutional Encoder on Bluetooth Performance over Fading Channels” , The 19 International Conferences on Computer Theory and Applications, ICCTA 2009, 17-19 October 2009, Alexandria, Egypt.
16. M. A. M. Mohamed El-Bendary, A. E. Abou-El-azm, N. A. El-Fishawy, F. S. M. Al-Hosarey, M. A. R. El-Tokhy, and F. E. Abd El-Samie,“power-efficient Image Transmission over Bluetooth Using Randomization Technique” , accepted in 5th International Computer Engineering Conference (ICENCO 2009), December 27-29, 2009, Cairo University, Egypt.
17. M. A. M. Mohamed El-Bendary, A. E. Abou-El-azm, N. A. El-Fishawy, F. S. M. Al-Hosarey, M. A. R. El-Tokhy, and F.E. Abd El-Samie,“Chaotic Interleaving: A Tool to Enhance the Performance of Bluetooth Systems” , Progress In Electromagnetics Research Symposium,

Paper Key:

091222143202, PIERS 2010 in Cambridge, USA, 5-8 July,2010.

18. M. A. M. Mohamed El-Bendary, A. E. Abou-El-azm, N. A. El-Fishawy, A. Hagagg, F. S. M. Al-Hosarey, and F. E. Abd El-Samie, "Performance of Real-time Audio Signal Transmission over ACL Link with Channel Interleaving Consideration", Progress In Electromagnetics Research Symposium, Paper Key: 091222142557, PIERS 2010 in Cambridge, USA, 5-8 July, 2010.
19. M. A. M. Mohamed El-Bendary, A. E. Abu El-Azm, N. A. El-Fishawy, A. Hagagg, F. Shawy, and F. E. Abd El Samie, "EDR Packets Throughput Improving over Bluetooth System for Longer and Shorter Packets through ACQDDR and Adaptive Packets ", 6 the International Conference on networked Computing, IEEE INC2010, may 11 -13, 2010,Gyeongju, Korea.
20. M. A. M. Mohamed El-Bendary, A. E. Abu El-Azm, N. A. El-Fishawy, A. Haggag, M. A. R. El-Tokhy, F. Shawky, and F. E. Abd El-Samie, "Throughput Improvement over Bluetooth Network through Adaptive Packets", 6 the International Conference on networked Computing, invited paper, IEEE INC2010, may 11 -13, 2010, Gyeongju, Korea.