



CURRICULUM VITAE

ADNAN MOHAMMAD MANASREH

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Personal

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PERSONAL

Name : Adnan Mohammad Salem Manasreh
Data and Place of Birth : Dec 26th .1969 , Jordan
Position : Assistant Professor
Nationality : Jordanian
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Current Address : Department of Electrical Engineering, Applied Science Private University ,Amman , Jordan , Tel: 962-6-5609999 Ext:1042

EDUCATION

2001 Saint Petersburg State Electrotechnical University Russia

- Ph.D. in Technical Science
- Title of thesis : " Research of methods and elaboration of algorithms relative to forming picture signals in radar indication"

1997 Leningrad Polytechnic University Russia

- M.S. in Radio Engineering
- Title of thesis : " Threshold compression of information in dimensional indicator"

1995 Leningrad Polytechnic University Russia

- B.S. in Radio Engineering

1991 Yarmouk University Jordan

- Diploma in Electronics

PROFESSIONAL EXPERIENCE

2006 –till now Assistant Professor at the Department of Electrical and Computer Engineering, Applied Science University, Amman , Jordan .

2002 -2005 Assistant Professor at the Department of Electrical and Computer Engineering, Aljabal Al-garby University , Giryana , Libya .

1997 – 2001 Post- Graduate Student, Saint Petersburg State Electrotechnical University, St. Petersburg, Russia.

1991 Electronics Technician ,Al-Husseini power generation station, Zarqa, Jordan .

- Generated maintenance schedule of circuit boards.
- Trouble shouted circuit boards.
- Carried on maintenance of faulty boards.

TEACHING EXPERIENCE

- *Undergraduate Courses Taught.*
 1. *Electric Circuit Analysis.*
 2. *Digital Logic and Computer Design.*
 3. *Power Electronics.*
 4. *Electronic Devices and Circuit (I).*
 5. *Electronic Devices and Circuit (II).*
 6. *Digital Electronics.*
 7. *Signal and System.*
 8. *Electric Circuit Analysis/Lab.*
 9. *Electronic Devices and Circuit/Lab.*
 10. *Digital Logic and Computer Design/Lab.*
 11. *Power Electronics/Lab.*
 12. *Digital Electronics/Lab.*
 13. *Green Energy*
 14. *Renewable Energy Systems*
 15. *Energy Conversion*
 16. *Concentration Solar Power*

- *Projects Supervision for Final Year B.Sc. Students.*
 1. *Telephone FM Transmitter.*
 2. *Amplitude Modulation System.*
 3. *Voice Commands System.*
 4. *Home Automation Using GSM.*
 5. *Wireless Link for Audio Applications.*
 6. *Intelligent Car Parking.*
 7. *Park Distance Control.*
 8. *Controlling a Stepper Motor.*

COMMITTEES AND COUNCILS

- *Member of the Al-jabal Algarby University Council.*
- *Member of the Applied Science University Council.*
- *Member in developing Electrical and Electronic Lab manual.*
- *Member of the Department Exam Committee.*
- *Member of the Reviewing ECE plan of study.*

PUBLICATIONS

- 1- **Manasreh A.M** .(2020)." Design, Optimization and Simulation of III-Nitride Power Heterostructure Field Effect Transistor. Journal of Engineering and Applied Sciences, ISSN: 1816-949X, 15 (6): 1558-1563, 2020.
- 2- **Adnan Manasreh** ,Ahmed A.M Sharadqh ,Jawad S. Alkasassbeh , Aws Al-Qaisi.(2019). Ensuring Telecommunication Network Security through Cryptology: A case of 4Gand 5G LTE cellular network providers .International Journal of Electrical and Computer Engineering (IJECE), ISSN: 2088-8708, DOI: 10.11591/ijece.v9i6.pp4860-4866, Vol. 9, No. 6, December 2019, pp. 4860~4866

- 3- Aws Al-Qaisi , **A. Manasreh** , A. Sharadqeh , Z. Alqadi. (2019). Digital Color Image Classification Based on Modified Local Binary Pattern Using Neural Network. International Journal on Communications Antenna and Propagation. ISSN 2039 – 5086, Vol. 9, N. 6
- 4- **Manasreh A.M.** (2017)The differential transimpedance amplifier design based 0.18 μm CMOS technology, International Journal of Applied Engineering Research ISSN 0973-4562 Volume 12, Number 24 (2017) pp. 14095-14100
- 5- **Manasreh A.M** and Ayman AbuBaker ,Mohammasd H.Alomari ,Ali M .Baniyounes.(2014)."Cascade Neural Network to Control A Mobile Robot in Non – Structured Environment". European Journal of Scientific Research , ISSN1450-216x/1450-202x .
- 6- Ali M Baniyounes ,Yazeed Yasin Ghadi , M.G. Rasul , Mohammad H . Alomari and **Adnan Manasreh.**(2014)."An Overview of Solar Cooling Technologies Markets Development and its Managerial Aspects". The 6Th International Conference on Applied Energy .
- 7- Mohammad H . Alomari, Ayman AbuBaker, Aiman Turani, Adnan Manasreh(2014) . EEG Mouse:A Machine Learning-Based Brain Computer Interface , International Journal of Advanced Computer Science and Applications 5(4):193-198
- 8- **Manasreh, A.M.** (2000) " Algorithm of signal reconstruction under transmission of dimensional pictures by communication channel " Second International Scientific and Technical Conference of student, Candidates and Young specialists of CIS , Engineering and Communication Technology , Saint Petersburg, pp237.
- 9- Golovkov, A.A. and **Manasreh, A.M** Pokhvalina,A.A. (2000) " Algorithm of inverse Fourier by representing the spectrum module as Walsh series " , Izvestia VUS of Russia, Radio Electronic, NO 2,pp 58.
- 10- **Manasreh, A.M.** and Smirnov, A.V.1(1988) "Threshshod compression of information in dimensional indicator" ,Izvestia GETU. Series Radio-electronic, No 2,pp 17.
- 11- Galavkov, A.A. and **Manasreh, A.M.**(1988)Forming dimensional pictures of space objects and earth surface" Second International Scientific and Technical Conference ,Ryzan , pp 175.