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### **Qualifications:**

1. PhD in Electrical Engineering from Bradford University 2020. Thesis title :  
MULTIUSER MULTI INPUT SINGLE OUTPUT (MU-MISO)  
BEAMFORMING FOR 5G WIRELESS AND MOBILE NETWORKS
2. M.Sc. in electronic and communication engineering / satellite engineering  
from Al-Nahrain University 2007. Thesis title: ANALYSIS OF ATM BASED  
SATELLITE CHANNEL. With graduated degree (79.833 %) (2nd of 14 in  
department, 1st of 4 in specialist).
3. B.Sc. in in electronic and communication engineering from Al-Nahrain  
University 2004. With graduated degree (79.077 %) (4th of 19).

### **Publications**

1. "TRELLIS CODED MODULATION OVER LAND MOBILE SATELLITE  
CHANNEL" research paper, published in IJCSE, India, March 2015
2. "Optimum Threshold of ACM" research paper, Published in IJCSET,  
February 2015
3. K. W. Hameed, N. Eya, J. M. Noras, and R. A. Abd-Alhameed, "**On the  
duality between array beam-formers and MU-MISO precoders,**"  
Telecommunication Systems, July 01 2019.
4. K. W. Hameed, A. M. Abdulkhaleq, Y. Al-Yasir, N. O. Parchin, A. Rayit, M.  
Al Khambashi, et al., "**The Performance of SLNR Beamformers in Multi-  
user MIMO Systems,**" in International Conference on Broadband  
Communications, Networks and Systems, 2018, pp. 409-418.
5. K. W. Hameed, J. M. Noras, A. Radwan, F. Al-Turjman, J. Rodriguez, and R.  
A. Abd-Alhameed, "**Optimal Array size for Multiuser MIMO,**" in *2018  
14th International Wireless Communications & Mobile Computing  
Conference (IWCMC)*, 2018, pp. 1296-1300.
6. K. W. Hameed, Y. Al-Yasir, N. O. Parchin, R. A. Abd-Alhameed, and P. S.  
Excell, "**On the Equivalence Between Eigen and Channel Inversion Based  
Precoders,**" in *International Conference for Emerging Technologies in  
Computing*, 2018, pp. 161-172
7. K. Hameed, M. Al-Sadoon, S. Jones, J. Noras, Y. Dama, A. Masri, et al.,  
"**Low complexity single snapshot DoA method,**" in Internet Technologies  
and Applications (ITA), 2017, 2017, pp. 244-248.

8. A. Ali, K. Hameed, N. Ali, M. Bakr, R. Asif, R. Abd-Alhameed, et al., **"Reconfigurable Wilkinson power divider with unity to 8dB output power differences using one varactor diode,"** 2018.
9. A. H. Ali, K. W. Hameed, N. T. Ali, M. S. Bakr, R. A. Abd-Alhameed, and N. J. McEwan, **"A general design for multi-output ports planar Wilkinson power divider,"** Microwave and Optical Technology Letters, vol. 61, pp. 578-582, 2019.