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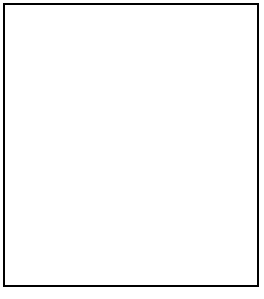

Biographical sketch: **(Academic Degrees- Fellowships and Associations)**	Heba Raafat is currently teacher at the department of electrical in pharos university. I was working in pharos university from 2006 till now. I am graduated from Alexandria university faculty of engineering in 2006. I obtained my master from Alexandria university in 2011. I obtained my PHD from Alexandria university in 2016.
Publications:	1. H. Raafat, E. Sourour and H. El-Kamchouchi "CoMP-JT with Dynamic Cell Selection, Global Precoding Matrix and IRC Receiver for LTEA," International Journal of Wireless & Mobile Networks (IJWMN) Vol. 7, No. 3, June 2015. 2. H. Raafat, E. Sourour and H. El-Kamchouchi "Performance of Joint Transmission CoMP with Global Precoding Matrix and IRC Receiver for LTE-A," International Conference on New Technologies, Mobility and Security (NTMS), vol.7, Paris, France, July 2015.

3. H. Raafat, E. Sourour and H. El-Kamchouchi “Dynamic Selection for CoMP-JT over Correlated MIMO Channel with Open Loop Precoding and IRC Receiver for LTE-A,” IEEE International Symposium on Personal, Indoor and Mobile Radio Communications (PIMRC): Mobile and Wireless Networks, vol. 26, Hong-Kong, China, August 2015.
4. H. Raafat, E. Sourour and H. El-kamchouchi, “Analysis for NOMA-CoMP-JT Global Precoding Matrix and IRC Receiver for LTE-A,” 13th IEEE International Conference on Networking, Sensing and Control (ICNSC 2016), Mexico City,Mexico, April 2016.
5. Heba R. Ahamed and Hassan M. Elkamchouchi,” *Improving Bit Error Rate of STBC–OFDM Using Convolutional and Turbo Codes Over Nakagami-m Fading Channel for BPSK Modulation*” International Conference on Consumer Electronics, Communications and Networks (CECNet), XianNing, China,Vol. 5, Pages 4140-4143 ,April 2011 .
6. Heba R. Ahamed and Hassan M. Elkamchouchi,” *Improving Bit Error Rate of STBC–OFDM Using Convolutional and Turbo Codes Over Nakagami-m Fading Channel*” International Conference on IEEE Wireless and Microwave Conference (WAMICON 2011), Melbourne, Florida ,Vol. 12, Pages 389611-389617,April 2011.

Academic Research Interests:	Wireless Communication, LTE-A, CoMP, NOMA, and MIMO