

Curriculum Vitae



1. Personal Data:

Name: Mohamed Abdelhamed Abdelhamed

Place & Date of Birth: El-Shorouk City, Egypt, 16-7-1985

Nationality: Egyptian

Marital status: Married

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2. Specialization:

- General specialization: Electronics, Communications and Computer Engineering.
- Specific Field: Communications

3. Academic Rank: Assistant Lecturer

4. Academic Qualifications:

- 2018, Ph. D.
- 2012, M.Sc.
- 2007, B.Sc.

5. Employment History:

Aug. 2018 – Until now : Assistant Prof.

Jan. 2013 – 2018 : Assistant Lecturer

Sep.2007– Dec.2012 : Teaching Assistant

6. Teaching Experience:

- Analog Communication
- Analog Communication laboratory
- Digital Communication
- Digital Communication laboratory
- Information Theory and Coding
- Mobile Systems
- Telephone Network and Switching

- Satellite Communication
- Optical Fiber Communication
- Optical Fiber laboratory
- Networks
- Electronics
- Electronic instrumentation and measurements
- VHDL with a complete project using FPGA
- Electromagnetic Field
- Microwaves
- Antennas
- Antennas Laboratory

7. Research Interests:

- Communications.
- Signal Processing.

8. List of Publications:

- 1) M. A. Abd-Hamed, Abdelhalim Zekry, Salah S. Elagooz, and F. E. Abd El-Samie, "Blind Selective Mapping for single-Carrier Frequency Division Multiple Access System" Digital Signal Processing, 25- 37, 2018, Elsevier.
- 2) Mohamed Mostafa, Mohamed A. Abdelhamed, Fatma Newagy and Ismail Hafez, "MIMO SC-FDMA Performance Investigation Under Realistic Channel Models" proc. of 36th National Radio Science Conference (NRSC 2019) April 16-18, 2019, at the Faculty of Engineering, the Arab Academy for Science, Technology and Maritime Transport, Port Said, Egypt.
- 3) M. A. Abd El-Hamed, Abdelhalim Zekry, Salah S. Elagooz , and Fathi E. Abd El-Samie, "Impact of Power Amplifier non-linearity on Blind Selective Mapping for SC-FDMA System" Japan-Africa Conference on Electronics, Communications and Computers (JAC-ECC 2017) 18-20 December, 2017, at Hilton Alexandria Green Plaza, Alexandria, Egypt.
- 4) M. A. Abd El-Hamed, M. I. Dessouky, F. Shawki, Mohammad K. Ibrahim, S. El-Rabaie and F. E. Abd El-Samie, "Wavelet Based SC-FDMA system" proc. of 29th National Radio Science Conference (NRSC 2012) April 10-12, 2012, at the Faculty of Engineering, Cairo University, Giza, Egypt.

5) M. A. Abd El-Hamed, M. I. Dessouky, F. Shawki, F. E. Abd El-Samie and Mohammad K. Ibrahim, "Integer Wavelet Transform for SC-FDMA System", the 8th International Conference on informatics and systems (INFOS) 14-16 May, 2012, Faculty of Computers and Information, Cairo University.