

Abdullah Aiad Abograin

Lecturer assistant at the department of electrical and electronic engineering, University of Tripoli, Libya.

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Education

- M. Sc. in communication and electronics engineering, University of Tripoli, Libya, 2020.
- B. Sc. In communication and electronics engineering, University of Tripoli, Libya, 2010.

Academic experience

- Lecturer assistant since 2022 at the university of Tripoli, Libya.
- Teaching electromagnetics and electronics courses at the department of the electrical and electronic engineering.

Teaching experience

- Teaching the first level course of electromagnetics for five years.
- Teaching the second level course of electromagnetics for one time.
- Teaching the third level course of electromagnetics for three times.
- Teaching the first level course of electronic circuits for two times.
- Teaching the course of numerical techniques and programming for one time.
- Supervision of many experiments related to the fields of electronic circuits and electromagnetics for five years.
- Supervision of many graduation projects related to the fields of electromagnetics and electronic circuits.

Research interests

- Metamaterials in general, and specially in electromagnetic band gap structures and absorbers.
- Computational electromagnetic solutions of electromagnetic problems.

- Wide band planar antennas.

Technical skills

- Good experience in programming with MATLAB.
- Good experience in using electromagnetics and electronics simulation tools such as ADS, HFSS, and MULTISIM.
- Experience with electronic circuits analysis, simulation, and troubleshooting.

Publications

1 – A. Abograin, and A. Abukassem, "Dispersion Diagram of a Novel Multi Band EBG Structure Using FDTD/GPOF Technique", IEEE Jordan international joint conference on electrical engineering and information technology (JEEIT), 2019.

2 – A. Abograin, D. Bekderna, and A. Emhemmed, "Design of Wideband Metamaterial Absorber Using Multiple Ring Resonators for X-band Applications", 2022 2nd International Maghreb meeting of the conference on sciences and techniques of automatic control and computer engineering (MI-STA) Sabratha, Libya, 2022.

3 – M. Amer, M. Abdalla, and A. Abograin, "Wideband Angled Dipole Array Antenna with a Suppressed Sidelobe Levels For Beamforming Applications", 2022 2nd International Maghreb meeting of the conference on sciences and techniques of automatic control and computer engineering (MI-STA) Sabratha, Libya, 2022.

4 – H. Jamom, A. Abograin, and M. Abdalla, "Design of a Vivaldi Antenna Using Particle Swarm Optimization for 5G Applications", 2022 2nd International Maghreb meeting of the conference on sciences and techniques of automatic control and computer engineering (MI-STA) Sabratha, Libya, 2022.