

Curriculum Vitae

PERSONAL INFORMATION



Amer Abbood Osman AL-BEHADILI

Date and Place of Birth Iraq-Baghdad [REDACTED]
Nationality Iraqi
Date of First Nomination [REDACTED]
Bucharest, Romania
[REDACTED]
[REDACTED]

WORK EXPERIENCES

2005-ongoing

Lecturer in Al-Mustansiriya University/ College of Engineering/ Electrical Engineering Department.

EDUCATION AND TRAINING

1995-1999 B.Sc. in Electrical Engineering, Al-Mustansiriya University, Iraq-Baghdad.

2000-2002 M.Sc. in Electrical Engineering, Electronic and Communication, Al-Mustansiriya University, Iraq-Baghdad.

2019-ongoing PhD candidate in University POLITEHNICA of Bucharest, Electronics, Telecommunications and Information Technology, Romania-Bucharest.

PERSONAL SKILLS

Mother language
Other language(s)

Arabic

UNDERSTANDING

SPEAKING

WRITING

Listening

Reading

Spoken interaction

Spoken production

English

Good

Good

Good

Good

Good

Communication skills

▪ I've a good communication skills gained through my long experience during the years of my employment with the Ministry of Higher Education and Scientific Research-Iraq

PROFESSIONAL EXPERIENCES

Internet & Computing Core Certification (IC3) professional with average score 911 in 10-01-2012 in the University of Mustansiriya / computer center.

Passing the Toefl ITP test with a total score 420 in 15-12-2013 in Al-Mustansiriya University.

Operating with Al-Harith State Company for one year (during M.Sc. study 2000-2002).

Successfully passed the living foreign language proficiency test with rank 34 out of 131 passes in 1999 in test center no.1, University of Baghdad, College of Languages.

SKILLS, TEACHING ACTIVITIES & SOFTWARE KNOWLEDGE

Computer:

- Matlab software package and C++ programming
- Microsoft Office (Word, Excel, Power point)
- Assembly Language

Curriculum Vitae

Electrical Circuits.
Communications.
Antennas.
HFSS, Microwave Software Computing (High Frequency Structure Simulator).

PUBLICATIONS

JOURNAL ARTICLES

- 1- Ali, Jawad K., Zaid A. Abed AL-Hussain, **Ammer A. Osman**, and Ali J. Salim. "A new compact size fractal based microstrip slot antenna for GPS applications." In PIRS Proceedings. 2012.
- 2- Hassain, Zaid A. Abdul, **Amer Abbood AL-Behadili**, and Adham R. Azeez. "First order parallel coupled BPF with wideband rejection based on SRR and CSRR." *TELKOMNIKA (Telecommunication Computing Electronics and Control)* 17, no. 6 (2019): 2704-2712.
- 3- **Al-Behadili, Amer Abbood**, Adham R. Azeez, Sadiq Ahmed, and Zaid A. Abdul Hassain. "Design of ultra-wideband tapered slot patch antenna with reconfigurable dual band-notches." *Journal of Southwest Jiaotong University* 55, no. 4 (2020).
- 4- **Al-behadili, Amer Abbood**, Teodor Petrescu, and Iulia Andreea Mocanu. "Complimentary split ring resonator sensor with high sensitivity based on material characterization." *TELKOMNIKA (Telecommunication Computing Electronics and Control)* 18, no. 1 (2020): 272-281.
- 5- **Al-Behadili, Amer Abbood**, Teodor Petrescu, and Iulia Andreea Mocanu. "METHOD OF EXTRACTING THE EQUIVALENT CIRCUIT OF COMPLEMENTARY SPLIT RING RESONATOR LOADED TRANSMISSION LINE RELYING ON NEGATIVE PERMITTIVITY CHARACTERISTIC." *REVUE ROUMAINE DES SCIENCES TECHNIQUES-SERIE ELECTROTECHNIQUE ET ENERGETIQUE* 65, no. 1-2 (2020): 81-85.
- 6- **Al-Behadili, Amer Abbood**, Iulia Andreea Mocanu, Teodor Mihai Petrescu, and Taha A. Elwi. "Differential Microstrip Sensor for Complex Permittivity Characterization of Organic Fluid Mixtures." *Sensors* 21, no. 23 (2021): 7865.
- 7- **Al-Behadili, Amer Abbood**, Iulia Andreea Mocanu, Norocel Codreanu, and Mihaela Pantazica. "Modified split ring resonators sensor for accurate complex permittivity measurements of solid dielectrics." *Sensors* 20, no. 23 (2020): 6855.
- 8- Hassain, Zaid A. Abdul, Ammar A. Sahrab, **Amer A. Osman**, and Ammar Jwad. "New Design of Tri-Band, Small Size Microstrip Slot Antenna Based on Fractal Geometry for Mobile and Wireless Communications." In *2018 18th Mediterranean Microwave Symposium (MMS)*, pp. 5-8. IEEE.

INTERNATIONAL CONFERENCE ARTICLES

- 1- **AL-BEHADILI, Amer Abbood**, and Teodor PETRESCU. "Determination of Transmission Zero Frequency for Complementary Split-Ring Resonator/Split-Ring Resonator Unit Cells from Effective Permittivity and Permeability." In *2019 11th International Symposium on Advanced Topics in Electrical Engineering (ATEE)*, pp. 1-6. IEEE, 2019.
- 2- Difar, Kareem Abdulameer, Ali Hussein Nema, Moataz Jalil Jasim, and **Amer Abbood Al-Behadili**. "Evaluation of the Strenght of Reflection and Dispersion of High Frequency in the Ionosphere by VOACAP model." In *2020 13th International Conference on Communications (COMM)*, pp. 509-514. IEEE, 2020. i: 10.1109/ISFEE.2016.7803185
- 3- Difar, Kareem Abdulameer, Moataz Jalil Jasim, Ali Hussein Nema, Mustafa Khaleel Hamadani, and **Amer Abbood al-Behadili**. "A Full Study of the Conductivity of the Ionosphere for Iraq and Romania Regions." In *2020 12th International Conference on Electronics, Computers and Artificial Intelligence (ECAI)*, pp. 1-5. IEEE, 2020.

Name: Amer Abbood Osman AL-BEHADILI