Confidential
Teaching Staff CV

Name: Faisal Aldhubaib
Qualification: PhD
College: Technological Studies
Department: Electronics Engineering Technology
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(CV)

1- Personal Info:

- Name: Faisal aldhubaib
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2- Job Details/info:

- College Name: Technological Studies
- Department: Electronics
- Appointment Year: 1997
- Job Title: Teaching Staff Job: Associate Professor **2021**

3- Degrees/ Qualification

- BSc electronics and computer engineering, University of Leeds, UK,1995.
- MSc radio communications and microwave engineering, University of Leeds, UK,1997.
- PhD: ITEE, The University of Queensland, Australia,
    - **Thesis Title: The optimum Polarization States & their role in UWB Radar target identification.**

4- Professional Courses/ conferences

a) EuRAD London conference, UK, 2022
b) IEEE CAMA conference, France, 2014.
c) Lead Auditor Course, Turkey, 2017.
d) Pre-Auditor, Kuwait, 2015.
e) Microsoft Times course, Kuwait, 2020.
f) Moodle course, Kuwait, 2020.
g) Automated system for quality control office, Kuwait, 2016.

5- Published Papers

[1] F. Aldhubaib, "Enhancing SEM signature via bistatic radar configuration of small bisectors," IET Radar Sonar & Navigation, 2022, doi: https://doi.org/10.1049/rsn2.12242.
[2] F. Aldhubaib, "Impact of Onset Ambiguity on SEM Signature and Reduction Approach by Scattering and Polarization Diversification," Journal of Electromagnetic Analysis and Applications, vol. 12, no. 3, pp. 29-42, 2020.
[3] F. Aldhubaib, "Generic aircraft model recognition by two shape factors: in the resonance region," IET Radar, Sonar & Navigation, vol. 14, no. 1, pp. 81-88, 2020, doi: 10.1049/iet-rsn.2019.0089.
[4] F. Aldhubaib, "Binary Stokes vector representation of aircraft in the low-resolution radar context," IET Radar, Sonar &Navigation, vol. 13, no. 11, pp. 2041-2045.
[5] F. Aldhubaib, "Stability of Target Resonance Modes: In Quadrature Polarization Context," International Journal of Engineering Research and Applications, vol. 6, no. 5(1), pp. 39-42, May 2016.

[6] F. Aldhubaib, "Validation of Polarization angles Based Resonance Modes," International Journal of Engineering Research and Applications, vol. 6, no. 5(2), pp. 57-61, May 2016.
[7] F. Aldhubaib, "Polarization Angles As A Radar Feature Set " International Journal of Enhanced Research in Science Technology & Engineering (IJERSTE), vol. 5, no. 4, April - 2016 2016.
[8] H. S. Lui and F. Aldhubaib, "Ultra wideband radar target recognition using multiple transient responses," in Antennas and Propagation (ISAP), 2014 International Symposium on, 2-5 Dec. 2014 2014, pp. 303-304, doi: 10.1109/ISANP.2014.7026651.
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[10] F. Aldhubaib, H. S. Lui, N. V. Shuley, and A. Al-Zayed, "Aspect segmentation and feature selection of radar targets based on average probability of error," IET Microwaves, Antennas & Propagation, vol. 4, no. 10, pp. 1654-1664, 2010.
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[12] F. F. H. Aldhubaib and N. V. Z. Shuley, "Characteristic Polarization States Estimation in an Ultrawideband Context: A Frequency Approach," IEEE Transactions on Geoscience and Remote Sensing, vol. 47, no. 8, pp. 2808-2817, 2009, doi: 10.1109/TGRS.2009.2014564.
[13] F. Aldhubaib, N. V. Shuley, and H. S. Lui, "Characteristic Polarization States in an Ultrawideband Context Based on the Singularity Expansion Method," IEEE Geoscience and Remote Sensing Letters, vol. 6, no. 4, pp. 792-796, 2009, doi: 10.1109/LGRS.2009.2025611.
[14] F. Aldhubaib, L. Hoi-Shun, and N. V. Shuley, "A radar target signature based on resonance and dual polarization features," in Microwave Conference, 2008. APMC 2008. Asia-Pacific, 16-20 Dec. 2008 2008, pp. 1-4, doi: 10.1109/APMC.2008.4958623.
[15] L. Hoi-Shun, F. Aldhubaib, and N. V. Z. Shuley, "Polarization studies in the UWB radar target response using joint Time-Frequency analysis," in Applied Electromagnetics, 2007. APACE 2007. Asia-Pacific Conference on, 4-6 Dec. 2007 2007, pp. 1-5, doi: 10.1109/APACE.2007.4603871.
[16] F. Aldhubaib, N. V. Shuley, and I. D. Longstaff, "On the application of pattern recognition to identification of simple targets based on resonance and polarization diversity," in Radar Systems, 2007 IET International Conference on, 15-18 Oct. 2007 2007, pp. 1-5.
[17] F. Aldhubaib and N. V. Shuley, "Optimal radar bistatic angle by statistical analysis of scattering patterns," in Applied Electromagnetics, 2007. APACE 2007. Asia-Pacific Conference on, 4-6 Dec. 2007 2007, pp. 1-5, doi: 10.1109/APACE.2007.4603866.
[18] Abdullah Alburikan, Faisal aldhubaib, Z. Hu“Microwave Bandpass Filter By Feedback Interference Topology", International Journal of RF and Microwave Computer-Aided Engineering, 2020, Volume 30, Issue 10.

[19] Faisal Aldhubaib," Composite Gaussian pulsed waveform for robust resonance radar signal," The Journal of Engineering, Volume 2023, Issue 1, 2022.
[20] Faisal Aldhubaib, "Enhancing SEM signature via bistatic radar configuration of small bisectors," IET Radar, Sonar & NavigationVolume 16, Issue 6, 2022.
[21] Abdullah Alhajri, Faisal Aldhubaib, "Waveform design for resonance signature of fighter-class target," IET Radar, Sonar & NavigationEarly View, 2023.
[22] F. F. H. Aldhubaib, "Enhancing the SEM Signature via the Optimum Onset With a Bistatic and Cross-Polarization Radar Configuration," in *IEEE Access*, vol. 8, pp. 86238-86245, 2020, doi: 10.1109/ACCESS.2020.2992459.

6- Community service:

a) Peer Reviewing.
b) Volunteer teaching
c) Teaching in the science department- College of Basic Studies.
d) School lecture on essential electronic Components 2016

7- Teaching:

a) Communication Theory.
b) Information Theory.
c) Electrical Circuits.
d) Electronic circuits.
e) Electronic Project.
f) Electromagnetic Application.