



## داود ظریفی

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College: Faculty of Electrical and Computer Engineering

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### Education

Degree	Graduated in	Major	University
MSc	2011	Electrical Engineering	Iran University of Science and Technology
Ph.D	2015	Electrical Engineering	Iran University of Science and Technology

### Employment Information

Faculty/Department	Position/Rank	Employment Type	Cooperation Type	Grade
(not set)	(not set)	Tenure Track	Full Time	(not set)

### Papers in Conferences

1. A Farahbakhsh, D Zarifi, AU Zaman ,A Wideband High-Gain and High-Efficiency Slot Array Antenna Based on Groove Gap Waveguide ,European Conference on Antennas and Propagation (EuCAP) ,London ,2018.
2. H Oraizi, M Hamedani, D Zarifi, A Amini ,Design of Filter-Horn Antenna based on Groove Gap Waveguide Technology for V-Band Application ,European Conference on Antennas and Propagation (EuCAP) ,London ,2018.
3. D Zarifi, A Farahbakhsh, AU Zaman ,A V-band Branch Guide 3-dB Coupler Based on Gap Waveguide for Use in Antenna Array ,European Conference on Antennas and Propagation (EuCAP) ,London ,2018.
4. D Zarifi, A Farahbakhsh, AU Zaman ,A Ridge Gap Waveguide fed aperture-coupled microstrip antenna array for 60 GHz applications ,European Conference on Antennas and Propagation (EuCAP) ,Paris ,2017.
5. A Farahbakhsh, D Zarifi ,Analysis and design of metallic parabolic anechoic chamber ,European Conference on Antennas and Propagation (EuCAP) ,Paris ,2017.
6. A Farahbakhsh, D Zarifi, AU Zaman ,Ridge gap waveguide slot antenna array with 30% bandwidth for 60-GHz applications ,European Conference on Antennas and Propagation (EuCAP) ,Paris ,2017.
7. A Farahbakhsh, D Zarifi, AU Zaman, PS Kildal ,Corporate distribution networks for slot array antenna based on groove gap waveguide technology ,European Conference on Antennas and Propagation

(EuCAP) ,Davos ,2016.

8. D Zarifi, A Farahbakhsh, AU Zaman, PS Kildal ,A high gain ridge gap waveguide fed slot antenna array for 60 GHz applications ,European Conference on Antennas and Propagation (EuCAP) ,Davos ,2016.

9. D Zarifi, H Oraizi ,A V-band microstrip line to groove gap waveguide transition ,Mediterranean Microwave Symposium (MMS) ,2016.

## Papers in Journals

1. محمد صادق دهقانی، داود ظریفی، طراحی تقسیم-کننده- توان بر مبنای تکنولوژی موجبر شکافی به منظور استفاده در آنتن آرایه- شکافی باند ۶۰ گیگاهرتز با سطح گلبگ کناری پایین، دوفصلنامه علمی پژوهشی الکترومغناطیس ISC، کاربرد، مجلد ۷، شماره صفحات ۱۲/۲۵، ۱۳۹۸، ۹۷.
2. On the Miniaturization of Microstrip Ring-Hybrid Couplers Using Gielis Supershapes, IETE J RES, Vol. 1, pp. 1, 2020 12 22, SCOPUS ,JCR.
3. Miniaturization of Patch Antennas by Curved Edges, AEU-INT J ELECTRON C, Vol. 1, pp. 1, 2020 02 14, SCOPUS ,JCR.
4. A broadband slant polarized cavity backed microstrip-fed wide-slot antenna array, INT J RF MICROW C E, Vol. 1, pp. 1, 2020 02 09, SCOPUS ,ISC ,JCR.
5. Ashraf Uz Zaman, A Wideband 3-dB Directional Coupler in GGW for Use in V-Band Communication Systems, IEEE Access, Vol. 8, pp. 17819, 2020 01 22, SCOPUS ,JCR.
6. Ashraf Uz Zaman, Planar H-plane Horn Antenna Based on Groove Gap Waveguide Technology, IEEE ANTENN WIREL PR, Vol. 1, pp. 1, 2019 12 19, SCOPUS ,JCR.
7. Design of X-band Moreno cross-guide coupler based on superformula curves, INT J RF MICROW C E, Vol. 1, pp. 1, 2019 12 10, SCOPUS ,JCR.
8. Ashraf Uz Zaman, Design and Fabrication of Wideband Millimeterwave Directional Couplers with Different Coupling Factors Based on Gap Waveguide Technology, IEEE Access, Vol. 1, pp. 1, 2019 07 02, SCOPUS ,JCR.
9. A Farahbakhsh, D Zarifi, AU Zaman, A mmwave wideband slot array antenna based on ridge gap waveguide with 30% bandwidth, IEEE Transactions on Antennas and Propagation, 2018.
10. D Zarifi, A Shater, M Nasri, A Ashrafian, Design of Ku-band diplexer based on groove gap waveguide technology, International Journal of RF and Microwave Computer-Aided Engineering, 2018.
11. D Zarifi, M Nasri, Design of a Ku-Band Filter Based on Groove Gap Waveguide Technology, Progress In Electromagnetics Research Letters, 2018.
12. D Zarifi, A Ahmadi, An Omnidirectional Printed Collinear Microstrip Antenna Array, Progress In Electromagnetics Research Letters, 2018.
13. A Farahbakhsh, D Zarifi, AU Zaman, 60-GHz Groove Gap Waveguide Based Wideband H-Plane Power Dividers and Transitions: For Use in High-Gain Slot Array Antenna, IEEE Transactions on Microwave Theory and Techniques, 2017.
14. D Zarifi, A Farahbakhsh, AU Zaman, A Gap Waveguide-Fed Wideband Patch Antenna Array for 60-GHz Applications, IEEE Transactions on Antennas and Propagation, 2017.
15. D Zarifi, AR Shater, Design of a 3-dB directional coupler based on groove gap waveguide technology, Microwave and Optical Technology Letters, 2017.
16. M Baharian, A Abdolali, D Zarifi, Inhomogeneous media characterization: a hybrid method of state space and frequency diversity, Applied Physics A, 2017.
17. A Farahbakhsh, D Zarifi, Design of metallic parabolic anechoic chamber for compact range measurement, Electronics Letters, 2017.
18. A Shater, D Zarifi, Radar Cross Section Reduction of Microstrip Antenna Using Dual-Band Metamaterial Absorber, Applied Computational Electromagnetics Society Journal, 2017.
19. Davoud Zarifi, Ali Farahbakhsh, Ashraf Uz Zaman, Per , & Simon Kildal, Design and Fabrication of a

High-Gain 60-GHz Corrugated Slot Antenna Array With Ridge Gap Waveguide Distribution Layer,IEEE Transactions on Antennas and Propagation,2016.