Islam Hassan Abdelaziem

islam_hassan@eng.sohag.edu.eg

PERSONAL INFORMATION	• Born in Egypt on 1st January 1993. • Married and have one daughter.
EDUCATION	**Minia University** El-Minia, Egypt M.Sc. in Electronics and Communications Engineering, Dec 2021 **(Design and Development of Meta-surfaces for Wireless Applications, Prof. Mahmoud Abdelrahman Abdalla)** **Sohag University** Sohag, Egypt B.Sc. in Electronics and Communications Engineering, June 2016 **GPA: 3.65/4.0**
TECHNICAL SKILLS	*CAD Tools*: HFSS, CST, COMSOL, ADS, MATLAB, C/C++. *Microwave and Antenna Engineering*: RF Probes, Signal Generator, Spectrum Analyzer, Oscilloscopes. *Languages*: Good in English, Fluent in Arabic.
RESEARCH EXPERIENCE	➢ Design a metasurface structures for different applications. o Designed a frequency reconfigurable based antenna using coding metasurface. o Designed and fabricated a dual-band antenna using a high impedance metasurface. o Designed and fabricated a high gain antenna using Mu-near-zero metasurface.
PROFESSIONAL EXPERIENCE	**Egyptian AIRBORNE** Cairo, Egypt Military Service (Solider) 2016 – 2017 **Sohag University (Faculty of Engineering)** Sohag, Egypt Teaching Assistant - Electrical Engineering Department 2017 – 2022 **Sohag University (Faculty of Engineering)** Sohag, Egypt Assistant Lecturer - Electrical Engineering Department 2022 – Present
SELECTED PUBLICATIONS	**ORCID ID: 0000-0002-9508-1645, Scopus ID: 57467000600** • Abdelazeem, I. H., A. A. Ibrahim, and M. A. Abdalla. "Frequency reconfigurable based antenna utilizing coding meta-surface for future 5G applications." 2019 Thirteenth International Congress on Artificial Materials for Novel Wave Phenomena (Metamaterials). IEEE, 2019. • A. A. Ibrahim, M. A. Abdalla, I. H. Abdelaziem, and H. F. A. Hamed, "A Design of Compact Meta-material CRLH Antenna for Wireless Applications.", Journal of Advanced Engineering Trends, vol.41, no. 2, pp. 161-166, 2021. • Abdelaziem, Islam H., Ahmed A. Ibrahim, and Mahmoud A. Abdalla. "High gain and efficiency dual-band antenna using meta-surface." AEU-International Journal of Electronics and Communications 148 (2022): 154163. • Abdelaziem, Islam H., Ahmed A. Ibrahim, and Mahmoud A. Abdalla. "A high gain antenna utilizing Mu-near-zero metasurface structures for 5G applications." International Journal of Microwave and Wireless Technologies (2022): 1-9.
SERVICES	Journal reviewer for: • IEEE Transactions on Antennas and Propagation. • IET Microwaves, Antennas and Propagation.
REFERENCES	Available upon request