



Saeedeh Barzegar-Parizi

Ph.D. student, Department of Electrical Engineering, Sharif University of Technology, Tehran, Iran, 2010-present.

Email: barzegarparizi@ee.sharif.edu, saeedeh_parizi@yahoo.com

EDUCATION:

- M.Sc. Electrical Engineering, Sharif University of Technology, Tehran, Iran, 2010.
- B.Sc. Electrical Engineering, Iran University of Science and Technology Electrical Engineering, Tehran, Iran, 2008.

RESEARCH INTERESTS:

- Electromagnetic scattering analysis
- The numerical solving of periodic structures, artificial dielectrics
- The study of Graphene metamaterials.

PUBLICATION:

(A) Journal Papers

[1] **S. Barzegar-Parizi**, B. Rejaei and A. Khavasi, "Analytical Circuit Model for Periodic Arrays of Graphene Disks," *Quantum Electronics, IEEE Journal of*, vol. 51, 2015.

[2] **S. Barzegar-Parizi**, B. Rejaei, "An Exact Method for the Extraction of Effective Bulk and Surface Parameters of Periodic Artificial Media," *Antennas and Propagation, IEEE Transactions on*, vol. 63, pp. 2521 – 2531, 2015.

[3] **S. Barzegar-Parizi**, B. Rejaei, "Calculation of effective parameters of high permittivity integrated artificial dielectrics," *Microwaves, Antennas & Propagation, IET*, 2015.

[4] **S. Barzegar-Parizi** and A. A. Shishegar, "Electromagnetic Wave Scattering Analysis From 2-D Periodic Rough Surfaces Using Complex Images Technique," *Geoscience and Remote Sensing, IEEE Transactions on*, vol. 53, pp. 862-868, 2015.

(B) Conference Papers

[5] **S. Barzegar-Parizi**, B. Rejaei, "Millimeter-wave artificial dielectric waveguides for integrated applications," *IEEE International Microwave and RF Conf.*, Bangalore, pp. 225-228, 2014.

[6] **S. Barzegar-Parizi** and A. A. Shishegar, "Electromagnetic scattering from perfectly conducting periodic rough surfaces using complex images technique," *IEEE Antennas and Propagation Society International Symposium (APSURSI)*, Toronto, Canada, pp. 1-4, 2010.