

BIBLIOGRAPHY

- [1] C. A. Balanis, "Antenna theory: a review," *Proceedings of the IEEE*, vol. 80, no. 1, pp. 7–23, Jan 1992.
- [2] K. Y. Yazdandoost and R. Kohno, "Ultra wideband antenna," *IEEE Communications Magazine*, vol. 42, no. 6, pp. S29–S32, June 2004.
- [3] M. Hamed, S. Gong, and M. Karlsson, *Study of multi-band and ultra-wide band antennas (6-8.5 GHz)*, 09 2007.
- [4] H. G. Schantz, "Introduction to ultra-wideband antennas," in *IEEE Conference on Ultra Wideband Systems and Technologies, 2003*, Nov 2003, pp. 1–9.
- [5] F. Costa, A. Kazemzadeh, S. Genovesi, and A. Monorchio, "Electromagnetic absorbers based on frequency selective surfaces," 2016.
- [6] Y. Yuan, X. Xi, and Y. Zhao, "Compact uwb fss reflector for antenna gain enhancement," *IET Microwaves, Antennas Propagation*, vol. 13, no. 10, pp. 1749–1755, 2019.
- [7] S. Patil, R. Gupta, and S. Kharche, "Gain improvement of lower uwb monopole antenna using fss layer," in *2017 International Conference on Nascent Technologies in Engineering (ICNTE)*, Jan 2017, pp. 1–5.
- [8] N. Kushwaha and R. Kumar, "High gain uwb antenna using compact multilayer fss," in *2014 IEEE International Microwave and RF Conference (IMaRC)*, 2014, pp. 100–103.
- [9] Y. Rahayu, T. A. Rahman, R. Ngah, and P. S. Hall, "Ultra wideband technology and its applications," in *2008 5th IFIP International Conference on Wireless and Optical Communications Networks (WOCN '08)*, 2008, pp. 1–5.
- [10] M. Yan, S. Qu, J. Wang, J. Zhang, A. Zhang, S. Xia, and W. Wang, "A novel miniaturized frequency selective surface with stable resonance," *IEEE Antennas and Wireless Propagation Letters*, vol. 13, pp. 639–641, 2014.
- [11] J. C. Zhang, Y. Z. Yin, and S. F. Zheng, "Double screen fsss with multi-resonant elements for multiband, broadband applications," *Journal of*

Electromagnetic Waves and Applications, vol. 23, no. 16, pp. 2209–2218, 2009. [Online]. Available: <https://doi.org/10.1163/156939309790109333>

- [12] A. Qureshi, M. U. Afzal, T. Tauqeer, and M. Tarar, “Performance analysis of fr-4 substrate for high frequency microstrip antennas,” 01 2011, pp. 1–4.
- [13] P. Patil, S. Goilkar, and N. Deotale, “Microstrip antenna using the defected ground structure for bandwidth enhancement,” in *2019 4th International Conference on Recent Trends on Electronics, Information, Communication Technology (RTEICT)*, May 2019, pp. 1384–1388.
- [14] Y. Ranga, L. Matekovits, K. Esselle, and A. Weily, “Enhanced gain uwb slot antenna with multilayer frequency-selective surface reflector,” 03 2011.