BIBLIOGRAPHY

Al-Shareeda, M., Alsadhan, A., Qasim, H., & Manickam, S. (2023) 'Long range technology for internet of things: review, challenges, and future directions', *Bulletin of Electrical Engineering and Informatics*, 12(6), pp. 3758–3767. doi:10.11591/eei.v12i6.5214.

Braune, N. (2013). Telemetry Unit for a Formula Student Race Car. Semester Thesis SA-2013-67, Technische Informatik und Kommunikationsnetze, November 2013 to February 2014, Tutor: Mahdi Asadpour, Supervisor: Prof. Dr. Bernhard Plattner.

CDEBYTE, n.d. E32-433T30D [online] Available at: https://www.cdebyte.com/products/E32-433T30D/2 [Accessed 14 January 2025].

Ikram, M., n.d. Difference between wavelength and frequency. [online] Available at: https://electricalblogging.com/difference-between-wavelength-and-frequency/ [Accessed 14 January 2025].

Isabona, Joseph & Oghu, Emughedi & Omasheye, Okiemute. (2023). Path Loss and Models: A Survey and Future Perspective for Wireless Communication Networks. *International Journal of Advanced Networking and Applications*, 15, 5892–5907. 10.35444/IJANA.2023.15209.

Kraus, J. D., & Marhefka, R. J. (2002). *Antennas for all applications*. Tata McGraw-Hill Education.

Lapin, V. & Yerzhanov, S., 2021. New tasks solved by means of instrumental records of stations of engineering seismometric on buildings service. *IOP Conference Series: Materials Science and Engineering*, 1079, 062034. Available at: https://doi.org/10.1088/1757-899X/1079/6/062034

Pereira, J. & Pinho, P., 2012. Using the Smith chart in an E-learning approach. In: *Advances in Wireless Communications and Networks*. 1st ed. InTech. Available at: https://doi.org/10.5772/29714

RF Venue, 2015. The tradeoff: higher gain = narrower beam width. [online] Available at: https://www.rfvenue.com/blog/2015/09/09/the-tradeoff-higher-gain-narrower-beam-width [Accessed 14 January 2025].

Wikipedia, n.d. Friis free-space radio circuit. [image] Available at: https://en.m.wikipedia.org/wiki/File:Friis_Free-Space_Radio_Circuit.png [Accessed 14 January 2025].

Wikimedia Commons, n.d. Fresnel diagram. [image] Available at: https://commons.wikimedia.org/wiki/File:FresnelSVG1.svg [Accessed 14 January 2025].

Wang, Q., Wang, C., Guo, G., & Ke-di, H. (2010). Rf effect algorithms of terrain environment in signal-level radar system simulation. 2010 Second International Conference on Computer Modeling and Simulation. https://doi.org/10.1109/iccms.2010.96

Yakornov, E. A. and Tsukanov, O. (2017). Estimation the location parameters in motion of radio emission source of electromagnetic wave's spherical front. *Information and Telecommunication Sciences*, 0(2), 56-60. https://doi.org/10.20535/2411-2976.22017.56-60