

DAFTAR PUSTAKA

- [1] V. M. Kapinas, M. Ilić, G. K. Karagiannidis, and M. Pejanović-Đurić, “Aspects on Space and Polarization Diversity in Wireless Communication Systems,” no. July 2020, pp. 183–186, 2007, [Online]. Available: <http://kapinas.webpages.auth.gr/wp-content/papercite-data/pdf/telfor07-polar.pdf>.
- [2] U. Ullah, I. Ben Mabrouk, and S. Koziel, “Enhanced-performance circularly polarized MIMO antenna with polarization/pattern diversity,” *IEEE Access*, vol. 8, pp. 11887–11895, 2020, doi: 10.1109/ACCESS.2020.2966052.
- [3] A. McHbal, N. A. Touhami, H. Elftouh, M. Moubadir, and A. Dkiouak, “Spatial and Polarization Diversity Performance Analysis of a Compact MIMO Antenna,” *Procedia Manuf.*, vol. 32, pp. 647–652, 2019, doi: 10.1016/j.promfg.2019.02.266.
- [4] N. O. Stephanopoulos, “Spatial diversity,” *Harv. Law Rev.*, vol. 125, no. 8, pp. 1909–2010, 2012, doi: 10.1007/0-306-46990-1_7.
- [5] M. Koohestani, A. Hussain, A. A. Moreira, and A. K. Skrivervik, “Diversity gain influenced by polarization and spatial diversity techniques in ultrawideband,” *IEEE Access*, vol. 3, pp. 281–286, 2015, doi: 10.1109/ACCESS.2015.2421505.
- [6] U. Wahlberg and C. Beckman, “Antenna Systems for Polarization Diversity,” [www.microwavejournal.com](http://www.microwavejournal.com/articles/2078-antenna-systems-for-polarization-diversity).
<https://www.microwavejournal.com/articles/2078-antenna-systems-for-polarization-diversity>.
- [7] A. Sianipar, “PERANCANGAN DAN REALISASI ANTENA MIKROSTRIP MIMO BOWTIE 4X4 DENGAN CORNER REFLEKTOR 90° PADA FREKUENSI 1,8 GHZ UNTUK APLIKASI LTE MELALUI TEKNIK PENCATUAN MIKROSTRIP LINE,” *UNIKOM*, pp. 8–31, 2018.
- [8] F. Y. Zulkifli, “Studi Tentang Antena Mikrostrip Dengan Defected Ground

- Structure (Dgs)," *Disertasi UI*, pp. 9–33, 2008.
- [9] M. Alaydrus, *Antena Prinsip dan Aplikasi*. Yogyakarta: Graha Ilmu, 2011.
- [10] I. M. . Budi, E. S. Nugraha, and A. Agung, "Perancangan Dan Analisis Antena Mikrostrip Mimo Circular Pada Frekuensi 2.35 GHz Untuk Aplikasi LTE," *J. INFOTEL*, vol. 9, no. 1, p. 136, 2017, doi: 10.20895/infotel.v9i1.130.
- [11] K. H. Chen and J. F. Kiang, "Effect of mutual coupling on the channel capacity of MIMO systems," *IEEE Trans. Veh. Technol.*, vol. 65, no. 1, pp. 398–403, 2016, doi: 10.1109/TVT.2015.2397033.
- [12] Sholihin, E. Susanti, A. A. Pramudita, and M. M. Rose, "MIMO antenna with cross polarisation printed yagi elements for MIMO router," *Proc. - ICWT 2017 3rd Int. Conf. Wirel. Telemat. 2017*, vol. 2017-July, pp. 65–69, 2018, doi: 10.1109/ICWT.2017.8284140.
- [13] F. Heryanto, H. Wijanto, A. D. Prasetyo, and Edwar, "Slotted patch and truncated edge techniques on microstrip antenna for CP-SAR S-band data transmitter," *2018 Int. Conf. Signals Syst. ICSigSys 2018 - Proc.*, no. 4, pp. 219–223, 2018, doi: 10.1109/ICSIGSYS.2018.8372670.
- [14] A. I. Najam, Y. Duroc, and S. Tedjini, "Multiple-Input Multiple-Output Antennas for Ultra Wideband Communications," 2012.
- [15] H. Hutapea and Kukuh Aris Santoso, "ANALISIS PENGUJIAN S-PARAMETER PADA PERANGKAT DUPLEXER DAN KABEL COAXIAL DENGAN FREKUENSI 1.800 MHz," *Univ. 17 Agustus 1945 Jakarta*, no. November 2017, pp. 1–7, 2018.
- [16] C. Ehrenborg and M. Gustafsson, "Fundamental Bounds on MIMO Antennas," *IEEE Antennas Wirel. Propag. Lett.*, vol. 17, no. 1, pp. 21–24, 2018, doi: 10.1109/LAWP.2017.2772032.
- [17] R. Emilia and M. Mujirudin, "Sistem Mimo dan Aplikasi Penggunaannya," *Rekayasa Teknol.*, vol. 6, no. 6, pp. 14–20, 2013.