

DAFTAR PUSTAKA

- [1] C. Waldschmidt, J. Hasch, and W. Menzel, “*Automotive Radar—From First Efforts to Future Systems*,” *IEEE Journal of Microwaves*, vol. 1, no. 1, pp. 135–148, Jan. 2021, doi: 10.1109/JMW.2020.3033616.
- [2] Anil. Pandey, “*Practical Microstrip and Printed Antenna Design*,” Artech House Antennas and Electromagnetics Analysis Library, 2020.
- [3] H. Asplund *et al.*, “*Advanced Antenna Systems for 5G Network Deployments Bridging the Gap Between Theory and Practice*,” Elsevier Science, 2020, <https://doi.org/10.1016/C2018-0-05274-3>.
- [4] Y. Chen, Y. Liu, Y. Zhang, Z. Yue, and Y. Jia, “*A 24GHz Millimeter Wave Microstrip Antenna Array for Automotive Radar*,” *International Symposium on Antennas and Propagation (ISAP)*, pp. 1-2, 2020.
- [5] A. SAHARANI, G. HENDRANTORO, and D. KUSWIDIASTUTI, “Desain Antena Radar Otomotif untuk Deteksi Target Jarak Jauh,” *ELKOMIKA: Jurnal Teknik Energi Elektrik, Teknik Telekomunikasi, & Teknik Elektronika*, vol. 12, no. 4, p. 1074, Jan. 2025, doi: 10.26760/elkomika.v12i4.1074.
- [6] D. Maulana, E. D. Meutia, and S. Syahrial, “Perancangan Antena Mikrostrip Persegi Panjang Array Dua Elemen dengan Tambahan Elemen Parasitik untuk Teknologi 5G,” *KITEKTRO: Jurnal Komputer, Informasi Teknologi, dan Elektro*, Vol 9, No 1, 2024, <https://doi.org/10.24815/kitektro.v9i1.38222>
- [7] B. K. Seigi, S. Alam, and I. Surjati, “*Bandwidth Enhancement Of Microstrip Antenna With Slit And Parasitic Element For 5g Communication*,” *Journal Of Informatics And Telecommunication Engineering*, vol. 6, no. 1, pp. 60–70, Jul. 2022, doi: 10.31289/jite.v6i1.7003.
- [8] Zulfi, J. Suryana, and A. Munir, “*A Decoupling Technique for Beamforming Antenna Arrays Using Simple Guard Trace Structures*,” *Journal of ICT*

Research and Applications, vol. 17, no. 3, pp. 356–372, Dec. 2023, doi: 10.5614/itbj.ict.res.appl.2023.17.3.5.

- [9] M. Muhsin, K. Kamardin, Y. Yamada, Y. Sugimoto, and K. Sakakibara, “*Best Feed Positions and Radiation Patterns of Typical Multibeam Dielectric Lens Antenna*,” *IEEE Access*, vol. 12, pp. 10497–10511, 2024, doi: 10.1109/ACCESS.2024.3352132.
- [10] Muhsin, K. Kamardin, and Y. Yamada, “*Design of Spherical Convex Multibeam Dielectric Lens Antenna for Mobile Communication*,” *IEEE International Symposium On Antennas And Propagation (ISAP)* pp. 1-2, doi:10.1109/ISAP57493.2023.10389151, 2023.
- [11] P. Kumar, M. J. Lu, T. P. Madhav, G. Kalkhambkar, and S. Amit, “*Smart Antennas Latest Trends in Design and Application*,” *EAI/Springer Innovations in Communication and Computing*, 2022, <https://doi.org/10.1007/978-3-030-76636-8>
- [12] P. K. Malik, J. B. Holm-Nielsen, and S. Padmanaban, “*Microstrip Antenna Design for Wireless Applications*,” CRC Press, 2024, <https://doi.org/10.1201/9781003093558>
- [13] A. K. Sharma, V. Sharma, and S. Singh, “*A Comprehensive Examination of the Current State of the Art in Fractal Array Antennas*,” *Adv Syst Sci Appl*, vol. 23, no. 4, pp. 104–118, 2023, doi: 10.25728/assa.2023.23.04.1384.
- [14] S. Dase, “*ANTENA DAN PROPAGASI: Teori dan Praktik*,” Penerbit Andi, 2022.
- [15] P. K. Malik, “*Planar Antennas: Design and Applications*,” CRC Press, 2021. doi: 10.1201/9781003187325.