

DAFTAR PUSTAKA

- [1] Y. S. Cho, J. Kim, W. Y. Yang, and C. G. Kang, *MIMO-OFDM Wireless Communications with MATLAB*. Singapore: John Wiley & Sons (Asia) Pte Ltd, 2010.
- [2] K. R. Rao, D. N. Kim, and J. J. Hwang, *Fast Fourier Transform: Algorithms and Applications*. Dordrecht, Heidelberg, London, New York: Springer, 2010.
- [3] Y. Manasa, D. Dharun, U. Vamshi, and M. Gowtham, "Implementation of ofdm using gnu radio with hackrf one and rtl-sdr," in *2024 IEEE International Conference on Information Technology, Electronics and Intelligent Communication Systems (ICITEICS)*. IEEE, 2024, pp. 1–8.
- [4] X. Zhang, E. Chen, and X. Mu, "Single-carrier frequency-domain equalization based on frequency-domain oversampling," *IEEE Communications Letters*, vol. 16, no. 1, pp. 24–26, 2012.
- [5] S. Karande and P. N. Kota, "Analytical performance of ofdm transceiver on sdr and gnu radio-companion," in *2017 International Conference on Communication and Signal Processing (ICCSP)*, 2017, pp. 1–6.
- [6] A. Farzamnia, E. Moun, N. W. Hlaing, L. E. Kong, M. K. Haldar, and L. C. Fan, "Analysis of mimo system through zero forcing and minimum mean square error detection scheme," in *2018 9th IEEE Control and System Graduate Research Colloquium (ICSGRC)*, Shah Alam, Malaysia, 2018, pp. 172–175.
- [7] T. M. Schmidl and D. C. Cox, "Robust frequency and timing synchronization for ofdm," *IEEE Transactions on Communications*, vol. 45, no. 12, pp. 1613–1621, December 1997.
- [8] S. Dhabre, "Simulation based performance of ieee 802.11a for bpsk and qpsk modulation scheme," in *Second International Conference on Sustainable Energy and Intelligent System (SEISCON)*. Chennai, India: Dr.M.G.R. University, 2011, pp. 638–642.
- [9] A. Marwanto, M. A. Sarijari, N. Fisal, S. K. Syed Yusof, and R. A. Rashid, "Experimental study of ofdm implementation utilizing gnu radio and usrp - sdr," in *2009 IEEE 9th Malaysia International Conference on Communications (MICC)*. IEEE, 2009, pp. 132–135.
- [10] J. G. Proakis and M. Salehi, *Digital Communications*, 5th ed. McGraw-Hill Education, 2008.
- [11] D. C. Shah, B. U. Rindhe, and S. K. Narayankhedkar, "Effects of cyclic prefix on ofdm system," in *International Conference and Workshop on Emerging Trends in Technology (ICWET 2010)*. Mumbai, India: ACM, 2010, smt. Indira Gandhi College of Engineering, Navi Mumbai.
- [12] B. Lathi and Z. Ding, *Modern Digital and Analog Communication Systems*, 4th ed. Oxford University Press, 2009.

- [15] Y. Hou, H. Xiong, H. Xiang, B. Ma, and J. Xiong, "Simulation analysis of multipath fading channel characteristics in satellite communication system," in *2019 IEEE 3rd Advanced Information Management, Communicates, Electronic and Automation Control Conference (IMCEC)*. Wuhan, China: IEEE, 2019.
- [14] A. S. Babu and K. V. S. Rao, "Evaluation of ber for awgn, rayleigh and rician fading channels under various modulation schemes," *International Journal of Computer Applications*, vol. 26, no. 9, pp. 23–28, 2011.
- [15] H. Chen, L. Yuan, J. Gong, and Y. Huang, "Various channel models in wireless communication," in *2017 International Conference on Computer Systems, Electronics and Control (ICCSEC)*, 2017, pp. 493–496.
- [16] A. Cortés, I. Vélez, M. Turrillas, and J. F. Sevillano, "Fast fourier transform processors: Implementing fft and ifft cores for ofdm communication systems," in *Fourier Transform - Signal Processing*. IntechOpen, 2010. [Online]. Available: <https://www.intechopen.com/chapters/8594>
- [17] S. K. Manusani, R. S. Kshetrimayum, and R. Bhattacharjee, "Robust time and frequency synchronization in ofdm-based 802.11a wlan systems," in *2006 IEEE Region 10 Conference (TENCON)*, November 2006, pp. 1–4.
- [18] I. C. Society, *IEEE Standard for Information technology–Telecommunications and information exchange between systems–Local and metropolitan area networks–Specific requirements–Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications*, Std. IEEE Std 802.11-2016, 2016.
- [19] A. Y. Panah, R. G. Vaughan, and R. W. Heath, "Optimizing pilot locations using feedback in ofdm systems," *IEEE Transactions on Vehicular Technology*, vol. 58, no. 6, pp. 2803–2814, 2009.
- [20] J. Choi and R. W. H. Jr., "Interpolation based transmit beamforming for mimo-ofdm with limited feedback," in *Proceedings of IEEE Global Telecommunications Conference (GLOBECOM)*, 2004, pp. 249–253.
- [21] M. Unser, "Splines: A perfect fit for signal and image processing," *IEEE Signal Processing Magazine*, vol. 16, no. 6, pp. 22–38, November 1999.
- [22] S. S. Abeysekera and Y. Ye, "Zero based blind equalizer implementation using zero forcing, mmse and decision feedback concepts," in *Proceedings of the International Conference on Information, Communications and Signal Processing (ICICS)*, 2005, pp. 96–100.
- [23] A. G. Armada, "Understanding the effects of phase noise in orthogonal frequency division multiplexing (ofdm)," *IEEE Transactions on Broadcasting*, vol. 47, no. 2, pp. 153–159, June 2001.
- [24] J. Park, J. Lee, and M. sik Lee, "A common phase error estimation scheme with mmse equalizer," in *Proceedings of the 2023 International Conference on Information and Communication Technology Convergence (ICTC)*. Daejeon, South Korea: IEEE, 2023, pp. 1595–1597.

- [25] A. Bibi, A. A. Shah, and S. Khattak, "Iterative common phase error correction in ofdm systems," in *Proceedings of the 2011 Frontiers of Information Technology (FIT)*. Abbottabad, Pakistan: IEEE, 2011, pp. 258–262.