

DAFTAR PUSTAKA

- A. Mohammadian, C. Tellambura and M. Valkama, "Analysis of Self-Interference Cancellation Under Phase Noise, CFO, and IQ Imbalance in GFDM Full-Duplex Transceivers," in *IEEE Transactions on Vehicular Technology*, vol. 69, no. 1, pp. 700-713, Jan. 2020, doi: 10.1109/TVT.2019.2953623.
- B. Sun, Y. Zhou, J. Yuan and J. Shi, "Interference Cancellation Based Channel Estimation for Massive *MIMO* Systems with Time Shifted Pilots," in *IEEE Transactions on Wireless Communications*, vol. 19, no. 10, pp. 6826-6843, Oct. 2020, doi: 10.1109/TWC.2020.3006208.
- B. Okyere, L. Musavian and R. Mumtaz, "Performance Analysis of Physical Layer Network Coding in Massive *MIMO* Systems With M-QAM Modulations," in *IEEE Transactions on Vehicular Technology*, vol. 70, no. 5, pp. 4631-4645, May 2021, doi: 10.1109/TVT.2021.3071372.
- Dey, N., Paul, A., Ghosh, P., Mukherjee, C., De, R., dan Dey, S. (2018). Ultrasonic Sensor Based Smart Blind Stick. *Proceedings of the 2018 International Conference on Current Trends towards Converging Technologies, ICCTCT 2018*, (March), 1–4. <https://doi.org/10.1109/ICCTCT.2018.8551067>
- Dong, Y., dan Xinji, T. (2016). Interference cancellation method based on space-time code for *MIMO* interference channel. *Journal of China Universities of Posts and Telecommunications*, 23(3), 45–50. [https://doi.org/10.1016/S1005-8885\(16\)60031-6](https://doi.org/10.1016/S1005-8885(16)60031-6)
- Eldad Perahia and Robert Stacey, "Next Generation Wireless LANs Throughput, Robustness, and Reliability in 802.11n" 2019. Book. Cambridge University Press. ISBN-13 978-0-511-43823-3. Online: <http://www.cambridge.org/9780521885843>
- Fernandes, D., Cercas, F., dan Dinis, R. (2020). Analytical performance evaluation of massive *MIMO* techniques for SC-FDE modulations. *Electronics (Switzerland)*, 9(3), 1–12. <https://doi.org/10.3390/electronics9030533>

G. Kulshreshtha and U. Chauhan, "Signal-to-Interference-Noise Ratio (SINR) and Signal-to-Noise Ratio (SNR) Improvement in the Massive Multiple-Input Multiple-Output (*MIMO*) Systems," *2020 2nd International Conference on Advances in Computing, Communication Control and Networking (ICACCCN)*, 2020, pp. 615-620, doi: 10.1109/ICACCCN51052.2020.9362876.

Gao, Peng dan Sanada, Y. (2019). Detection Schemes for Massive *MIMO* Sistem with Low-resolution ADCs. *IEICE Communications Express*. 8. 10.1587/comex.2019XBL0105.

G.J. Foschini. (1996). Layered Space-Time Architecture for Wireless Communication in a fading environment when using multi-element antenas," Bell labs technical journal, vol. 1, no. 2, pp. 41–59.

Jeon, Y. S., Lee, N., Hong, S. N., dan Heath, R. W. (2017). One-bit sphere decoding for uplink massive *MIMO* sistems with One-Bit ADCs. *ArXiv*, 1–29.

Khan, M. Q., Bashir, S., dan Habib, A. (2017) *Semi Round Robin Pairing and Scheduling for Uplink Virtual Multiple Input Multiple Output (VMIMO)*.

Liu, H., dan Xiao, Y. (2018). Iterative equalization algorithm based on modified matrix for asynchronous *MIMO* OFDM. *Procedia Computer Science*, 131, 1048–1055. <https://doi.org/10.1016/j.procs.2018.04.257>

Liu, Y., Chen, H. H., dan Wang, L. (2016). Physical layer security for next generation wireless networks: Theories, technologies, and challenges. *IEEE Communications Surveys dan Tutorials*, 19(1), 347-376

Li, X., Björnson, E., Larsson, E. G., Zhou, S., dan Wang, J. (2017). Massive *MIMO* with multi-cell *MMSE* processing: Exploiting all pilots for interference suppression. *EURASIP Journal on Wireless Communications and Networking*, 2017(1), 1-15.

M. Dash, R. Bajpai, N. Gupta and P. Aggarwal, "A Nonlinear *MIMO*-OFDM Based Full-Duplex Cooperative D2D Communications System," in *IEEE Access*, vol. 9, pp. 160361-160371, 2021, doi: 10.1109/ACCESS.2021.3131061.

- Mohammed, R. K. (2019). Comparing Various Channel Estimation Techniques for OFDM Systems Using MATLAB. *International Journal of Wireless dan Mobile Networks*, 11(03), 19–31. <https://doi.org/10.5121/ijwmn.2019.11302>
- Nwankwo, C. D., Member, S., Zhang, L. E. I., Tafazolli, R., dan Member, S. (2018). *A Survey of Self-Interference Management Techniques for Single Frequency Full Duplex Systems.*
- Qualcomm. (2020). IEEE802.11ac: The Next Evolution of Wi-Fi TM Standards. *Qualcomm Incorporated Annual Report*.
- Ramakrishna, V., dan Anil Kumar, T. (2018). Design of *MIMO K-best* Detection Algorithm and Its FPGA Implementation. *Materials Today: Proceedings*, 5(1), 1097–1103. <https://doi.org/10.1016/j.matpr.2017.11.188>
- S. Mohanty, A. Agarwal, S. Mali, G. Misra and K. Agarwal, "Design and BER Performance Analysis of *MIMO* and Massive *MIMO* Networks under Perfect and Imperfect CSI," *2020 Fourth International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud) (I-SMAC)*, 2020, pp. 307-312, doi: 10.1109/I-SMAC49090.2020.9243359.
- S. Nosheen and J. Y. Khan, "An Adaptive QoS Based Video Packet Transmission Technique for IEEE802.11ac WLAN," *2019 IEEE 89th Vehicular Technology Conference (VTC2019-Spring)*, 2019, pp. 1-5, doi: 10.1109/VTCSpring.2019.8746578.
- Sun, H., Chen, X., Shi, Q., Hong, M., Fu, X., dan Sidiropoulos, N. D. (2018). Learning to optimize: Training deep neural networks for interference management. *IEEE Transactions on Signal Processing*, 66(20), 5438-5453.
- Syafei, W. A. (2016a). Near optimum *MIMO* metodes for next generation very high throughput WLAN. *Proceedings - Asia-Pacific Conference on Communications, APCC 2016*, pp. 419–423. <https://doi.org/10.1109/APCC.2016.7581522>

Syafei, W. A. (2016b). *Sphere Based MIMO Metode for High Throughput*. (1), 307–310.

T. Tseng and C. Shen. (2017). The VLSI architecture of a highly efficient configurable pre-processor for *MIMO* detections," 2017 IEEE 36th International Performance Computing and Communications Conference (IPCCC), San Diego, CA, pp. 1-5, doi: 10.1109/PCCC.2017.8280499.

W. A. Syafei, A. Hidayatno, and A. Zahra. (2019). Backward Compatible Low PAPR Preamble for Very High Throughput WLAN IEEE802.11ac. Proceedings of the 6th International Conference on Information Technology, Computer, and Electrical Engineering (ICITACEE).

X. Huo, W. Zhang, W. Guo, C. Li, H. Zhao and Y. Liu, "Adjacent Channel Interference Suppression to Enhance Spectrum Sharing for Co-located Devices," 2021 IEEE International Conference on Communications Workshops (ICC Workshops), 2021, pp. 1-6, doi: 10.1109/ICCWorkshops50388.2021.9473834.

Xing, P., Liu, J., Zhai, C., dan Yu, Z. (2017). Self-interference suppression with imperfect channel estimation in a shared-antenna full-duplex massive MU-*MIMO* system. *EURASIP Journal on Wireless Communications and Networking*. <https://doi.org/10.1186/s13638-017-0805-7>

Y. Yang and X. Zhu (2018). "A Wideband Reconfigurable Antenna With 360° Beam Steering for 802.11ac WLAN Applications," in *IEEE Transactions on Antennas and Propagation*, vol. 66, no. 2, pp. 600-608, Feb. 2018, doi: 10.1109/TAP.2017.2784438.

Yan, L. (2016). A modified approach on *MMSE MIMO* interference cancellation detection. *Proceedings - 2016 8th International Conference on Measuring Technology and Mechatronics Automation, ICMTMA 2016*, (1), 16–18. <https://doi.org/10.1109/ICMTMA.2016.13>

Zhang, Z., Chai, X., Long, K., Vasilakos, A. V, dan Hanzo, L. (2015). *Full Duplex Techniques for 5G Networks : Protocol Design , and Relay Selection*.

(May), 2–10.