DAFTAR REFERENSI

- S. Sun, G. R. M. Jr., and T. S. Rappaport, "A Novel Millimeter-wave Channel Simulator and Applications for 5G Wireless Communications," in 2017 IEEE International Conference on Communications (ICC), Paris, May 2017, pp. 1– 7.
- [2] D. Wu, X. Zhang, J. Qiu, L. Gu, Y. Saito, A. Benjebbour, and Y. Kishiyama, "A Field Trial of f-OFDM toward 5G," in 2016 IEEE Globecom Workshops (GC Wkshps), Dec 2016, pp. 1–6.
- [3] E. M. Alfaroby, N. M. Adriansyah, and K. Anwar, "Study on Channel Model for Indonesia 5G Networks," in 2018 International Conference on Signals and Systems (ICSigSys), May 2018, pp. 125–130.
- [4] T. S. Rappaport, S. Sun, and M. Shafi, "Investigation and Comparison of 3GPP and NYUSIM Channel Models for 5G Wireless Communications," in 2017 IEEE 86th Vehicular Technology Conference (VTC-Fall), Sep. 2017, pp. 1–5.
- [5] J. Abdoli, M. Jia, and J. Ma, "Filtered OFDM: A New Waveform for Future Wireless Systems," in 2015 IEEE 16th International Workshop on Signal Processing Advances in Wireless Communications (SPAWC), June 2015, pp. 66–70.
- [6] N. Michailow, M. Matthé, I. S. Gaspar, A. N. Caldevilla, L. L. Mendes, A. Festag, and G. Fettweis, "Generalized Frequency Division Multiplexing for 5th Generation Cellular Networks," *IEEE Transactions on Communications*, vol. 62, no. 9, pp. 3045–3061, Sep. 2014.
- [7] P. Guan, D. Wu, T. Tian, J. Zhou, X. Zhang, L. Gu, A. Benjebbour, M. Iwabuchi, and Y. Kishiyama, "5G Field Trials: OFDM-Based Waveforms and Mixed Numerologies," *IEEE Journal on Selected Areas in Communications*, vol. 35, no. 6, pp. 1234–1243, June 2017.
- [8] www.sharetechnote.com, "5G/NR Frame Structure," January 2018.
- [9] L. Marijanovic, S. Schwarz, and M. Rupp, "Optimal Numerology in OFDM Systems Based on Imperfect Channel Knowledge," in 2018 IEEE 87th Vehicular Technology Conference (VTC Spring), June 2018, pp. 1–5.

- [10] A. Goldsmith, *Wireless Communications*, 1st ed. Cambridge University Press, 2005.
- [11] S. Nagul, "A Review on 5G Modulation Schemes and Their Comparisons for Future Wireless Communications," in 2018 Conference on Signal Processing And Communication Engineering Systems (SPACES), Jan 2018, pp. 72–76.
- [12] 3GPP, "Technical Specification Group Radio Access Network," *document* 3GPP TS 38.211, vol. 1047, December 2017.
- [13] F. Al-Ogaili and R. M. Shubair, "Millimeter-wave Mobile Communications for 5G: Challenges and Opportunities," in 2016 IEEE International Symposium on Antennas and Propagation (APSURSI), June 2016, pp. 1003–1004.
- [14] C. Wang, J. Bian, J. Sun, W. Zhang, and M. Zhang, "A Survey of 5G Channel Measurements and Models," *IEEE Communications Surveys Tutorials*, vol. 20, no. 4, pp. 3142–3168, Fourthquarter 2018.
- [15] D. McClearnon, "Unlocking 6 Key Measurement Challenges for 5G Radio Validation," 2018.
- [16] K. Anwar and T. Matsumoto, "Field Measurement Data-Based Performance Evaluation for Slepian-Wolf Relaying Systems," March 2013.
- [17] R. Vannithamby and S. Talwar, *Distributed Resource Allocation in 5G Cellular Networks*. Wiley, 2017. [Online]. Available: https://ieeexplore.ieee.org/document/8045143
- [18] M. N. Rahman and K. Anwar, "Outage Performance of 5G Channel Model Considering Temperature Effects at 28 GHz," in 2nd International Symposium on Future Telecommunication Technologies (SOFTT), Bandung, December 2018.
- [19] E. Christy, R. P. Astuti, and K. Anwar, "5G Telkom University Channel Model Under Foliage Effects," in *International Conference on ICT for Rural Devel*opment, Bali, October 2018.
- [20] R. D. Wahyuningrum and K. Anwar, "Outage Performances of 5G Channel Model Considering Humidity Effects," in 2nd International Symposium on Future Telecommunication Technologies (SOFTT), Bandung, December 2018.
- [21] H. Harada and R. Prasad, Simulation and Software Radio for Mobile Communications. Norwood, MA, USA: Artech House, Inc., 2002.