## DAFTAR PUSTAKA

- [1] F. M. Qatan and R. E. Ahmed, "Performance comparison of tcp algorithms for d2d communication in Ite-a," pp. 1–4, 2017.
- [2] R. A. Mulyadi and U. K. Usman, "Komunikasi device-to-device pada jaringan seluler 5g menggunakan mmwave," *AVITEC*, vol. 2, no. 1, pp. 65–74, 2020.
- [3] J.-Y. Pan and M.-H. Hsu, "Relay selection of relay-assisted device-to-device and uplink communication underlying cellular networks," in *2017 International Conference on Computing, Networking and Communications (ICNC)*. IEEE, 2017, pp. 980–985.
- [4] T. Thepsongkroh, P. Phunchongharn, and K. Akkarajitsakul, "A game theoretical resource allocation for relay-assisted device-to-device communication networks," in 2017 International Conference on Information, Communication and Engineering (ICICE). IEEE, 2017, pp. 484–487.
- [5] H. Meshgi, D. Zhao, and R. Zheng, "Optimal resource allocation in multicast device-to-device communications underlaying lte networks," *IEEE Tran*sactions on Vehicular Technology, vol. 66, no. 9, pp. 8357–8371, 2017.
- [6] O. Delgado and F. Labeau, "D2d relay selection and fairness on 5g wireless networks," in 2016 IEEE Globecom Workshops (GC Wkshps). IEEE, 2016, pp. 1–6.
- [7] W. Lu, W. Lin, L. Yang, and S. Chen, "A heuristic d2d communication mode selection algorithm," in 2017 International Conference on Cyber-Enabled Distributed Computing and Knowledge Discovery (CyberC). IEEE, 2017, pp. 450–453.

- [8] Y. Ni, J. Liang, X. Shi, and D. Ban, "Research on key technology in 5g mobile communication network," in 2019 International Conference on Intelligent Transportation, Big Data & Smart City (ICITBS). IEEE, 2019, pp. 199–201.
- [9] O. Yazdani and G. Mirjalily, "A survey of distributed resource allocation for device-to-device communication in cellular networks," in 2017 artificial intelligence and signal processing conference (AISP). IEEE, 2017, pp. 236–239.
- [10] A. H. Farzamiyan, "A survey on device-to-device communication in 5g wireless networks," in 14th International Conference on Software Technologies, 2019, pp. 81–85.
- [11] D. Feng, L. Lu, Y. Yuan-Wu, G. Y. Li, G. Feng, and S. Li, "Device-to-device communications underlaying cellular networks," *IEEE Transactions on communications*, vol. 61, no. 8, pp. 3541–3551, 2013.
- [12] F. Jameel, Z. Hamid, F. Jabeen, S. Zeadally, and M. A. Javed, "A survey of device-to-device communications: Research issues and challenges," *IEEE Communications Surveys & Tutorials*, vol. 20, no. 3, pp. 2133–2168, 2018.
- [13] A. Ghosh, J. Zhang, J. Andrews, and R. Muhamed, *Fundamentals of LTE*, ser. Communications Engineering & Emerging Technology Series from Ted Rappaport. Pearson Education, 2010. [Online]. Available: https://books.google.co.id/books?id=HjxmKq5MABcC
- [14] A. Company. (2009) Lte resource guide. [Online]. Available: www.us.anritsu.
- [15] Z. Guizani and N. Hamdi, "Spectrum resource management and interference mitigation for d2d communications with awareness of ber constraint in mmwave 5g underlay network," in 2016 IEEE Symposium on Computers and Communication (ISCC). IEEE, 2016, pp. 855–860.

- [16] R. H. Akbar, A. Fahmi, and H. Vidyaningtyas, "Pengaruh penggunaan skema pengalokasian daya waterfilling berbasis algoritma greedy terhadap perubahan efisiensi spektral sistem pada jaringan lte," *Prosiding SeNTIK*, vol. 1, 2018.
- [17] N. Andini, A. A. Muayyadi, and G. Budiman, "Analisis performansi wcdmadiversitasrelaypada kanalfading," *Konferensi Nasional ICT-M Politeknik Tel-kom*, vol. 1, no. 1, 2021.
- [18] B. J. Pradana *et al.*, "Measurement of sinr (signal noise interference noise to ratio) and rsrp (reference signal received power) on 4g lte area surakarta," *Journal ICT*, vol. 8, no. 15, 2017.
- [19] F. Man and W. Lenan, "Extension to shannon's channel capacity—the experimental verification," in 2007 International Symposium on Intelligent Signal Processing and Communication Systems. IEEE, 2007, pp. 288–291.
- [20] S. Sasikumar, "Genetic algorithm-based joint spectral-energy efficiency optimisation for 5g heterogeneous network," *International Journal of Electronics*, vol. 108, no. 6, pp. 887–907, 2021.
- [21] S. Lin, L. Fu, K. Li, and Y. Li, "Sum-rate optimization for device-to-device communications over rayleigh fading channel," in 2017 IEEE 85th Vehicular Technology Conference (VTC Spring). IEEE, 2017, pp. 1–6.