# DAFTAR PUSTAKA

[1] T. Zahir, K. Arshad, A. Nakata, and K. Moessner, "Interference management in femtocells," *IEEE communications surveys & tutorials*, vol. 15, no. 1, pp. 293–311, 2012.

[2] M. Feng, L. Guomin, and G. Wenrong, "Heterogeneous network resource allocation optimization based on improved bat algorithm," in *2018 International Conference on Sensor Networks and Signal Processing (SNSP)*. IEEE, 2018, pp. 55–59.

[3] D. R. Grande, "Performance analysis of qos in lte-advanced heterogeneous networks," *Online]. http://projekter. aau. dk/projekter/files/76947921/Master_Thes is. pdf*, 2013.

[4] J. G. Andrews, "Seven ways that hetnets are a cellular paradigm shift," *IEEE communications magazine*, vol. 51, no. 3, pp. 136–144, 2013.

[5] S. Mishra and C. S. R. Murthy, "Increasing energy efficiency via transmit power spreading in dense femto cell networks," *IEEE Systems Journal*, vol. 12, no. 1, pp. 971–980, 2016.

[6] H. ZHANG, L. MU, S. CHEN, and J. PENG, "A cluster-based resource allocation in a two-tier ofdma femtocell networks," vol. 38, no. 2, pp. 262–268, 2016.

[7] Z. Li, S. Guo, W. Li, S. Lu, D. Chen, and V. C. M. Leung, "A particle swarm optimization algorithm for resource allocation in femtocell networks," in *2012 IEEE Wireless Communications and Networking Conference (WCNC)*. IEEE, 2012, pp. 1212–1217.

[8] R. Estrada, H. Otrok, and Z. Dziong, "Resource allocation model based on particle swarm optimization for ofdma macro-femtocell networks," in *2013 IEEE International Conference on Advanced Networks and Telecommunications Systems (ANTS)*. IEEE, 2013, pp. 1–6.

[9] X. Lin, J. Li, R. Baldemair, J.-F. T. Cheng, S. Parkvall, D. C. Larsson, H. Koorapaty, M. Frenne, S. Falahati, A. Grovlen *et al.*, "5g new radio: Unveiling the essentials of the next generation wireless access technology," *IEEE Communications Standards Magazine*, vol. 3, no. 3, pp. 30–37, 2019.

[10] D. A. Putra, A. A. Zahra, and I. Santoso, "Evaluasi kinerja ofdma dengan modulasi adaptif pada kanal downlink," Ph.D. dissertation, Jurusan Teknik Elektro Fakultas Teknik Undip, 2011.

[11] Y. Rudyanto, "Lapisan fisik pada teknologi long term evolution (lte) di pt telkom r&d center bandung," *Semarang: Universitas Diponegoro*, 2010.

[12] G. Gur, S. Bayhan, and F. Alagoz, "Cognitive femtocell networks: an overlay architecture for localized dynamic spectrum access [dynamic spectrum management]," *IEEE Wireless Communications*, vol. 4, no. 17, pp. 62–70, 2010.

[13] F. Adityawarman, A. Fahmi, and U. K. Usman, "Analisis perencanaan jaringan lte picocell di stadion utama gelora bung karno," *TEKTRIKA-Jurnal Penelitian dan Pengembangan Telekomunikasi, Kendali, Komputer, Elektrik, dan Elektronika*, vol. 3, no. 2, pp. 48–55, 2018.

[14] S. Najeh, H. Besbes, and A. Bouallegue, "Greedy algorithm for dynamic resource allocation in downlink of ofdma system," in *2005 2nd International Symposium on Wireless Communication Systems*. IEEE, 2005, pp. 475–479.

[15] N. Fath, I. W. Mustika, K. Yamamoto, H. Murata *et al.*, "Optimal resource allocation scheme in femtocell networks based on bat algorithm," in *2016*

*22nd Asia-Pacific Conference on Communications (APCC)*.   IEEE, 2016, pp. 281–285.