DAFTAR PUSTAKA

[1] Vehicular Technology Society., *2013 IEEE 78th Vehicular Technology Conference (VTC Fall) : Las Vegas, NV, 2-5 September 2013.*

[2] Ericsson, "Small Cells Indoor Radio Dots," https://www.ericsson.com/. Accessed: Apr. 20, 2024. [Online]. Available: https://www.ericsson.com/en/portfolio/networks/ericsson-radio-system/radio/small-cells/indoor/radio-dots

[3] Huawei, "Huawei Unveils LampSite X to Unleash Indoor Digital Potential," https://www.huawei.com/. Accessed: Apr. 20, 2024. [Online]. Available: https://www.huawei.com/en/news/2023/10/lampsite-huawei-mbbf2023

[4] M. F. Khan, M. I. Khan, and K. Raahemifar, "A study of femtocell architectures for long term evolution (LTE)-advanced network," in *2011 24th Canadian Conference on Electrical and Computer Engineering(CCECE)*, 2011, pp. 817–821. doi: 10.1109/CCECE.2011.6030569.

[5] A. Hikmaturokhman, A. Rizal Danisya, and M. Syaiful Majid, "Distributed Antenna System 4G LTE Planning for Subway Tunnel of Mass Rapid Transit in Jakarta," *the 4th International Conference on Computer, Communication and Control Technology 2018At: Krabi Thailand*, 2018, [Online]. Available: https://www.researchgate.net/publication/336409794

[6] M.-A. El-Feki, S. Elhoshy, M. Ibrahim, T. El-Shabrawy, M. Ashour, and H. Hammad, "Downlink capacity evaluation for indoor DAS in LTE networks," in *2016 33rd National Radio Science Conference (NRSC)*, 2016, pp. 233–240. doi: 10.1109/NRSC.2016.7450833.

[7] T. Wirth, L. Thiele, T. Haustein, O. Braz, and J. Stefanik, "LTE Amplify and Forward Relaying for Indoor Coverage Extension," in *2010 IEEE 72nd Vehicular Technology Conference - Fall*, 2010, pp. 1–5. doi: 10.1109/VETECF.2010.5594246.

[8] G. E. M. Zhioua, H. Labiod, N. Tabbane, and S. Tabbane, "LTE advanced relaying standard: A survey," *Wirel Pers Commun*, vol. 72, no. 4, pp. 2445–2463, Oct. 2013, doi: 10.1007/s11277-013-1157-1.

[9] M. Yuan and X. Cheng, "Analysis of Cell Capacity in FDD-LTE Network," in *2012 8th International Conference on Wireless Communications, Networking and Mobile Computing*, 2012, pp. 1–4. doi: 10.1109/WiCOM.2012.6478427.

[10] Y. Jia, P. Xu, and X. Guo, "MIMO system capacity based on different numbers of antennas," *Results in Engineering*, vol. 15, p. 100577, 2022, doi: https://doi.org/10.1016/j.rineng.2022.100577.

[11] Y. Wang and F. Li, "MIMO das solutions in LTE indoor system," in *Proceedings - 2013 IEEE 11th International Conference on Dependable, Autonomic and Secure Computing, DASC 2013*, IEEE Computer Society, 2013, pp. 487–491. doi: 10.1109/DASC.2013.112.

[12] R. W. Heath, T. Wu, Y. H. Kwon, and A. C. K. Soong, "Multiuser MIMO in distributed antenna systems," in *2010 Conference Record of the Forty Fourth Asilomar Conference*

on Signals, Systems and Computers, 2010, pp. 1202–1206. doi: 10.1109/ACSSC.2010.5757721.

[13] R. Fernando and M. Suryanegara, "Analisis Tekno Ekonomi Distributed Antenna Systems (DAS) Aktif dan Pasif Menggunakan Teknologi Mobile 5G Di Apartemen XYZ," *Smart Comp: Jurnalnya Orang Pintar Komputer*, vol. 12, pp. 773–794, Jun. 2023, doi: 10.30591/smartcomp.v12i3.5377.

[14] D. Bala, G. M. Waliullah, M. Hena, M. Abdullah, and M. Hossain, "Study the Performance of Capacity for SISO, SIMO, MISO and MIMO in Wireless Communication," vol. 8, pp. 1–6, Apr. 2020.

[15] M. Ju, C. Chen, Y. Li, and G. Tan, "Capacity Analysis of Distributed Antenna Systems with Beamforming," in *MATEC Web of Conferences*, EDP Sciences, Nov. 2018. doi: 10.1051/matecconf/201823204039.

[16] A. Aragon-Zavala, "Indoor Wireless Technologies," in *Indoor Wireless Communications: From Theory to Implementation*, 2017, pp. 7–44. doi: 10.1002/9781119004547.ch2.

[17] A. Aragon-Zavala, "System Requirements," in *Indoor Wireless Communications: From Theory to Implementation*, 2017, pp. 45–76. doi: 10.1002/9781119004547.ch3.

[18] A. Aragon-Zavala, "RF Equipment and Distribution Systems," in *Indoor Wireless Communications: From Theory to Implementation*, 2017, pp. 293–314. doi: 10.1002/9781119004547.ch9.

[19] A. Hikmaturokhman, lingga wardhana, and B. Dharmanto, *4G Handbook Edisi Bahasa Indonesia Jilid 2*. 2015.

[20] F. Shi, Y. Fan, X. Wang, and Y. Gao, "A Dual-Band Radio-Over-Fiber Link for Future 5G Communication System," in *2021 IEEE 94th Vehicular Technology Conference (VTC2021-Fall)*, 2021, pp. 1–4. doi: 10.1109/VTC2021-Fall52928.2021.9625586.

[21] X. Zhang, "LTE Basement," in *LTE Optimization Engineering Handbook*, 2017, pp. 1–23. doi: 10.1002/9781119158981.ch1.

[22] X. Zhang, "LTE Optimization Principle and Method," in *LTE Optimization Engineering Handbook*, 2017, pp. 24–121. doi: 10.1002/9781119158981.ch2.

[23] X. Zhang, "Physical Cell ID Optimization," in *LTE Optimization Engineering Handbook*, 2017, pp. 702–710. doi: 10.1002/9781119158981.ch13.

[24] S. Lei, Y. Xiong, and X. Yang, "Novel Method to Calculate Rank Indicator in LTE Systems," in *2011 7th International Conference on Wireless Communications, Networking and Mobile Computing*, 2011, pp. 1–4. doi: 10.1109/wicom.2011.6040104.

[25] X. Zhang, "Capacity Optimization," in *LTE Optimization Engineering Handbook*, 2017, pp. 140–187. doi: 10.1002/9781119158981.ch4.

[26] A. Aragon-Zavala, "Antennas," in *Indoor Wireless Communications: From Theory to Implementation*, 2017, pp. 167–214. doi: 10.1002/9781119004547.ch6.