# DAFTAR PUSTAKA


[1] H. Haas, "Lifi is a paradigm-shifting 5g technology," *Reviews in Physics*, vol. 3, pp. 26–31, 2018.

[2] Z. Ghassemlooy, W. Popoola, and S. Rajbhandari, *Optical wireless communications: system and channel modelling with Matlab®*. CRC press, 2017.

[3] R. v. Nee and R. Prasad, *OFDM for wireless multimedia communications*. Artech House, Inc., 2000.

[4] R. Islam, P. Choudhury, and M. A. Islam, "Analysis of dco-ofdm and flip-ofdm for im/dd optical-wireless system," in *8th International Conference on Electrical and Computer Engineering*. IEEE, 2014, pp. 32–35.

[5] M. Khatib, *Advanced trends in wireless communications*, 2011.

[6] S. Arnon, *Visible light communication*. Cambridge University Press, 2015.

[7] A. Rifiandi, A. Hambali, and A. D. Pambudi, "Perancangan & implementasi visible light communication untuk komunikasi radio fm," *eProceedings of Engineering*, vol. 4, no. 3, 2017.

[8] D. Setiawan, "Alokasi frekuensi: Kebijakan dan perencanaan spektrum indonesia," *Jakarta: Ditjen Postel*, 2010.

[9] S. Meshram and A. Wadhe, "Secure data transfer using visible light communication technique," *International Journal of Innovative and Emerging Research in Engineering*, vol. 3, no. 1, pp. 196–201, 2016.

[10] E.-a. Shinwasusin, C. Charoenlarpnopparut, P. Suksompong, and A. Taparugssanagorn, "Modulation performance for visible light communications," in

*2015 6th international conference of information and communication technology for embedded systems (IC-ICTES)*. IEEE, 2015, pp. 1–4.

[11] P. Kurniawan, K. Sujatmoko, and B. Pamukti, "Performance of OOK-RZ and NRZ modulation techniques in various receiver positions for Li-Fi," in *2019 IEEE International Conference on Signals and Systems (ICSigSys) (ICSigSys2019)*, Bandung, Indonesia, Jul. 2019.

[12] P. J. Kennedy and R. L. Kennedy, "Direct versus indirect line of sight (los) stabilization," *IEEE Transactions on control systems technology*, vol. 11, no. 1, pp. 3–15, 2003.

[13] K. Kadam and M. R. Dhage, "Visible light communication for iot," in *2016 2nd International Conference on Applied and Theoretical Computing and Communication Technology (iCATccT)*. IEEE, 2016, pp. 275–278.

[14] Z. Ghassemlooy, S. Arnon, M. Uysal, Z. Xu, and J. Cheng, "Emerging optical wireless communications-advances and challenges," *IEEE journal on selected areas in communications*, vol. 33, no. 9, pp. 1738–1749, 2015.

[15] Y. Perwej, "The next generation of wireless communication using li-fi (light fidelity) technology," *Journal of Computer Networks*, vol. 4, no. 1, pp. 20–29, 2017.

[16] G. Held, *Introduction to light emitting diode technology and applications*. Auerbach Publications, 2016.

[17] Y. G. Li and G. L. Stuber, *Orthogonal frequency division multiplexing for wireless communications*. Springer Science & Business Media, 2006.

[18] S. Verma and S. Vashist, "Performance of dco-ofdm in optical wireless communication system," *International Journal of Innovative Research in Advanced Engineering (IJIRAE) ISSN*, pp. 2349–2763, 2014.

[19] B. Sklar *et al.*, *Digital communications: fundamentals and applications*, 2001.

[20] P. Kumar and A. Kumari, "Ber analysis of bpsk, qpsk, 16-qam & 64-qam based ofdm system over rayleigh fading channel," *IOSR J Electron Commun Eng (IOSR-JECE)*, vol. 11, no. 4, pp. 66–74, 2016.

[21] T. Landolsi, M. S. Hassan, A. F. Elrefaie, and S. Hamid, "Performance evaluation of optically-preamplified hybrid qpsk m-ary ppm systems with finite extinction ratios," *Optical Fiber Technology*, vol. 25, pp. 33–38, 2015.

[22] G. Keiser, "Optical fiber communications," *Wiley Encyclopedia of Telecommunications*, 2003.

[23] T. Y. Elganimi, "Studying the ber performance, power-and bandwidth-efficiency for fso communication systems under various modulation schemes," in *2013 IEEE Jordan Conference on Applied Electrical Engineering and Computing Technologies (AEECT)*. IEEE, 2013, pp. 1–6.

[24] X. Wang, F. Labeau, and L. Mei, "Closed-form ber expressions of qpsk constellation for uplink non-orthogonal multiple access," *IEEE Communications Letters*, vol. 21, no. 10, pp. 2242–2245, 2017.

[25] A. H. Azhar, T.-A. Tran, and D. O'Brien, "A gigabit/s indoor wireless transmission using mimo-ofdm visible-light communications," *IEEE photonics technology letters*, vol. 25, no. 2, pp. 171–174, 2012.