

## DAFTAR PUSTAKA

- [1] H. Mahmudah, A. Wijayanti, O. Puspitorini, and N. A. Siswandari, “Analisa karakteristik tegangan dan delay pada visible light communication (VLC),” in *Prosiding Seminar Nasional Teknologi Elektro Terapan*, vol. 1, no. 01, 2017, pp. 175–180.
- [2] M. Beshr, I. Andonic, and M. Aly, “Visible light communications for healthcare applications,” 09 2011.
- [3] H. Elgala, R. Mesleh, H. Haas, and B. Principe, “OFDM visible light wireless communication based on white LEDs,” in *2007 IEEE 65th Vehicular Technology Conference-VTC2007-Spring*. IEEE, 2007, pp. 2185–2189.
- [4] S. Rajagopal, R. D. Roberts, and S.-K. Lim, “Ieee 802.15. 7 visible light communication: modulation schemes and dimming support,” *IEEE Communications Magazine*, vol. 50, no. 3, pp. 72–82, 2012.
- [5] S. Fuada, A. P. Putra, and T. Adiono, “Analysis of received power characteristics of commercial photodiodes in indoor los channel visible light communication,” *Int. J. of Advanced Computer Science and Applications*, vol. 8, no. 7, pp. 164–172, 2017.
- [6] S. Wu, H. Wang, and C.-H. Youn, “Visible light communications for 5G wireless networking systems: from fixed to mobile communications,” *IEEE Network*, vol. 28, no. 6, pp. 41–45, 2014.
- [7] T. Komine and M. Nakagawa, “Fundamental analysis for visible-light communication system using LED lights,” *IEEE transactions on Consumer Electronics*, vol. 50, no. 1, pp. 100–107, 2004.

- [8] M. Haninditya, A. Hambali, and U. Sunarya, “Perancangan dan analisis pengiriman data digital pada VLC dengan interferensi cahaya,” *eProceedings of Engineering*, vol. 5, no. 1, 2018.
- [9] Y. H. Chung and S.-b. Oh, “Efficient optical filtering for outdoor visible light communications in the presence of sunlight or artificical light,” in *2013 International Symposium on Intelligent Signal Processing and Communication Systems*. IEEE, 2013, pp. 749–752.
- [10] Z. Ghassemlooy, W. Popoola, and S. Rajbhandari, *Optical wireless communications: system and channel modelling with Matlab®*. CRC press, 2017.
- [11] D. O. Caplan, “Laser communication transmitter and receiver design,” in *Free-Space Laser Communications*. Springer, 2007, pp. 109–246.
- [12] K. Shiba, T. Nakata, T. Takeuchi, T. Sasaki, and K. Makita, “10 gbit/s asymmetric waveguide apd with high sensitivity of- 30 dbm,” *Electronics Letters*, vol. 42, no. 20, pp. 1177–1178, 2006.
- [13] H. Park and J. R. Barry, “Modulation analysis for wireless infrared communications,” in *Proceedings IEEE International Conference on Communications ICC’95*, vol. 2. IEEE, 1995, pp. 1182–1186.
- [14] N. Chi, *LED-Based Visible Light Communications*. Springer-Verlag Berlin Heidelberg, 2018.
- [15] A. J. C. Moreira, A. M. Tavares, R. J. M. T. Valadas, and A. de Oliveira Duarte, “Modulation methods for wireless infrared transmission systems: performance under ambient light noise and interference,” in *Wireless Data Transmission*, vol. 2601. International Society for Optics and Photonics, 1995, pp. 226–238.

- [16] A. J. Moreira, R. T. Valadas, and A. de Oliveira Duarte, “Optical interference produced by artificial light,” *Wireless Networks*, vol. 3, no. 2, pp. 131–140, 1997.
- [17] J. A. Duffie and W. A. Beckman, *Solar engineering of thermal processes*. John Wiley & Sons, 2013.
- [18] H.-J. Jang, J.-H. Choi, Z. Ghassemlooy, and C. G. Lee, “PWM-based PPM format for dimming control in visible light communication system,” in *2012 8th International Symposium on Communication Systems, Networks & Digital Signal Processing (CSNDSP)*. IEEE, 2012, pp. 1–5.
- [19] F. Wang, C. Xu, and Y. Zhang, “A new modulation scheme for ir-uwb communication systems,” *Journal of Electronics (China)*, vol. 26, no. 4, pp. 497–502, 2009.
- [20] G. Keiser, *Optical communications essentials*. Wiley-IEEE Press, 2006.