

DAFTAR PUSTAKA

- [1] D. Zhang, D. Liu, X. Wu, and D. Nesson, “Progress of itu-t higher speed passive optical network (50g-pon) standardization,” *Journal of Optical Communications and Networking*, vol. 12, no. 10, pp. D99–D108, 2020.
- [2] M. Kumari, R. Sharma, and A. Sheetal, “Comparative analysis of high speed 20/20 gbps otdm-pon, wdm-pon and twdm-pon for long-reach ng-pon2,” *Journal of Optical Communications*, 2019.
- [3] M. RANNELLO, “Next-generation ftth networks: Innovative system solutions for low-cost coherent wdm pons,” 2018.
- [4] S. Dahlfort and P. Ohlen, “Method and devices for automatic tuning in wdm-pon,” May 23 2017, uS Patent 9,660,754.
- [5] W. W. Shbair and F. I. El-Nahal, “Coherent passive optical network for 5g and beyond transport,” *Optoelectronics Letters*, vol. 17, no. 9, pp. 546–551, 2021.
- [6] E. Ip, A. P. T. Lau, D. J. Barros, and J. M. Kahn, “Coherent detection in optical fiber systems,” *Optics express*, vol. 16, no. 2, pp. 753–791, 2008.
- [7] G. Keiser, *Optical fiber communications*, vol. 2.
- [8] S. Sharma, D. Parkash, and S. Singh, “Analysis and design of wdm optical ofdm system with coherent detection using different channel spacing,” in *Proceedings of ICRIC 2019*. Springer, 2020, pp. 365–376.
- [9] B. Mukherjee, *Optical WDM networks*. Springer Science & Business Media, 2006.
- [10] B. Pamukti, D. Perdana, and M. R. Kirom, “Thermal effect analysis of arrayed waveguide grating in ng-pon2 network.” *Engineering Letters*, vol. 26, no. 2, 2018.
- [11] Y. Liu, “Simulation and study for coherent ofdm system,” in *2013 5th IEEE International Conference on Broadband Network & Multimedia Technology*. IEEE, 2013, pp. 257–261.

- [12] K. Abdillah and Y. Moegiharto, “Analisa kinerja orthogonal frequency division multiplexing berbasis perangkat lunak,” *EEPIS Final Project*, 2010.
- [13] J. Armstrong, “Ofdm for optical communications,” *Journal of lightwave technology*, vol. 27, no. 3, pp. 189–204, 2009.
- [14] W. Shieh and I. Djordjevic, *OFDM for optical communications*. Academic press, 2009.
- [15] A. Satria, “Performansi modulasi 16-qam optical ofdm pada jaringan radio over fiber dengan metode pendeksiian koheren,” Ph.D. dissertation, Universitas Islam Negeri Sultan Syarif Kasim Riau, 2016.
- [16] W. Angesti, I. Santoso, and A. A. Zahra, “Simulasi kinerja modulator optik tipe mach zehnder berdasarkan ragam format modulasi,” *Transmisi*, vol. 17, no. 1, p. 2015, 2015.