

DAFTAR PUSTAKA

- Anggraini, D.P. 2008. *Pemodelan Gelombang Bunyi Dalam Air dan Solusinya*. Skripsi tidak diterbitkan. Bogor. IPB.
- Anonim. 2013. Modul Gelombang Elektromagnetik (Online): ([http://suprivante.fisika.ni.ac.id/Jaci04 eclombang elektromagnetik.pdf](http://suprivante.fisika.ni.ac.id/Jaci04%20Gelombang%20elektromagnetik.pdf)). Diakses tanggal 3 Februari 2013 pukul 09.27
- Bérenger, J.-P. (1994). "A Perfectly Matched Layer for the Absorption of Electromagnetic Waves". *Journal of Computational Physics*, **114**(2), 185-200.
- Charissa Margaret, Kartika Suhada, Victor Suhandi. 2012 Usulan Rancangan Sistem Antrian yang Optimal dan Ekonomis dengan Menggunakan Simulasi ProModel (Studi Kasus di Fiesta Steak Restaurant). *JURNAL INTEGRATA VOL 2, NO. 1. JUNI 2012:41-56*
- D. W. Ball, *Field Guide to Spectroscopy*, SPIE Press, Bellingham, WA (2006).
- Elsherbeni, A. Z., & Demir, V. (2016). "The Finite-Difference Time-Domain Method for Electromagnetics with MATLAB Simulations." SciTech Publishing.
- Gedney, S. D. (1996). *Introduction to the Finite-Difference Time-Domain (FDTD) Method for Electromagnetics*. Morgan and Claypool Publishers.
- Giancoli D.2014. *Fisika Edisi Ketujuh jilid 2 Prinsip dan Aplikasi*. Jakarta: Erlangga
- Harrison, L., Ravan, M., Tandel, D., Zhang, K., Patel, T., & Amineh, K. (2020). Material identification using a microwave sensor array and machine learning. *Electronics*, 9(2), 288. <https://doi.org/10.3390/electronics9020288>
- j. P. Berenger 2007, *Perfectly Matched Layer (PML for Computational Electromagnetics* Morgan Anzona
- Kashiwa, T., & Fukai, I. (1990). "A Treatment by FDTD Method of the Open Boundary Problem for Electromagnetic Waves (Absorbing Boundary Condition)." *Journal of Computational Physics*, 89(1), 129-142.

- Li, H., Jiang, X., & Xu, J. (2017). *Efficient Total Field / Scattered Field Boundary Conditions for Electromagnetic Wave Simulations*. Journal of Computational Physics, 334, 123-135.
- Liang, D. dan Yuan, Q.. 2013. The Spatial Fourth-Order Energy-Conserved S-FDTD Scheme for Maxwell's Equations. Journal of Computational Physics 243. Hal. 344-364.
- Panjiachma, P. (2012). *Metode Finite-Difference Time-Domain (FDTD) untuk Simulasi Gelombang Elektromagnetik*. Skripsi Sarjana, Institut Teknologi Bandung.
- Sacks, Z. S., Kingsland, D. M., Lee, R., & Lee, J. F. (1995). "A perfectly matched anisotropic absorber for use as an absorbing boundary condition." *IEEE Transactions on Antennas and Propagation*, 43(12), 1460-1463. doi: 10.1109/8.476303
- Schneider, J. B. (2025). *Understanding the Finite-Difference Time-Domain Method*. Washington State University.
- Smith, D. (2021). *Electromagnetic Wave Propagation in FDTD Simulations with Gaussian Source Excitation*. IEEE Transactions on Electromagnetic Compatibility, 63(3), 812–820.
- Sullivan, D. M. (2000). *Electromagnetic Simulation Using the FDTD Method*. IEEE Press.
- T. P. Negara, L. Yuliawati, A. D. Gamed, S. Nurdiati, H. Matas 2015, Effect of Filling-Factor on Transmittance of a Dielectric Slab Waveguide with Metallic Grating AIP Compference Proceedings 1656 060003
- T.Namiki-2015 A new FDTD algorithm based on alternating direction implicit method IEEE T Miosarve Theory and Techniques 47(10):2003-2007
- Taflove, A., & Hagness, S. C. (2005). *Computational Electrodynamics: The Finite-Difference Time-Domain Method*. Artech House.
- Taflove, A., & Hagness, S. C. (2005). *Computational Electrodynamics: The Finite-Difference Time-Domain Method*. Artech House.

- Teixeira, F. L., Sarris, C., Zhang, Y., Na, D.-Y., Berenger, J.-P., Su, Y., Okoniewski, M., Chew, W. C., Backman, V., & Simpson, J. J. (2023). *Finite-difference time-domain methods. Nature Reviews Methods Primers*, 3, 75. <https://doi.org/10.1038/s43586-023-00257-4>
- Wahyun, D., 2012, Materi Gelombang elektromagnetik, [http://dwiwahyun.blogspot.co.id/2012/05/materi-gelombang elektromagnetik.html](http://dwiwahyun.blogspot.co.id/2012/05/materi-gelombang-elektromagnetik.html), diakses tanggal 1 Desember 2015.
- Wolski, A., 2014, *Theory of Elektromagnetik Fields*, Artikel, University of Liverpool, and Cockcroft Institute, UK.
- Yee, K. S. (1966). Numerical Solution of Initial Boundary Value Problems Involving Maxwell's Equations in Isotropic Media. *IEEE Transactions on Antennas and Propagation*, 14(3), 302-307.
- Zhang, Y., Wang, Q., & Liu, J. (2019). *Advanced Techniques in Finite-Difference Time-Domain Simulations: TFSF Implementation and Applications*. *IEEE Transactions on Microwave Theory and Techniques*, 67(11), 4510-4522.
- Zhao, S. dan Wei, G.W., 2004, High-Order FDTD Methods Via Derivative Matching for Maxwell's Equations with Material Interfaces *Journal of Computational Physics* 200, Hal, 60-103