

DAFTAR PUSTAKA

- [1] Y. Meidiawati, N. Nursifa, and M. Rizqy Dimas, *Pengantar Ilmu Kesehatan Masyarakat*. CV. Gita Lentera, 2024.
- [2] *Mathematical Epidemiology*. Springer Berlin Heidelberg, 2008.
- [3] D. L. Vrabie and V. L. Syrmos, *Optimal Control Third Edition*. John Wiley Sons, 2012.
- [4] K. Pareallo and S. Side, “Kontrol optimal pada model epidemik sir penyakit demam berdarah,” *Indonesian Journal of Fundamental Sciences Vol*, vol. 4, no. 2, 2018.
- [5] J. Nainggolan, S. Supian, A. K. Supriatna, and N. Anggriani, “Kontrol optimal vaksinasi model epidemiologi tipe sir,” *Lumbung Pustaka UNY*, 2012.
- [6] N. Anggriani, A. Supriatna, B. Subartini, and R. Wulantini, “Kontrol optimum pada model epidemik sir dengan pengaruh vaksinasi dan faktor imigrasi,” *Jurnal Matematika Integratif ISSN*, vol. 11, no. 2, pp. 111–118, 2015.
- [7] E. Bakare, “On the optimal control of vaccination and treatments for an sir-epidemic model with infected immigrants,” *J. Appl. Comput. Math*, vol. 37, no. 4, pp. 1–23, 2016.

- [8] H. Anton, *Elementary Linear Algebra*, 10th edition. Hoboken, NJ: Wiley, 2010.
- [9] W. G. Kelley and A. C. Peterson, *The Theory of Differential Equations: Classical and Qualitative Second Edition*. New York, NY: Springer New York, 2010.
- [10] S. Lynch, *Dynamical Systems with Applications Using Mathematica Second Edition*. Birkhauser Basel, 2017.
- [11] O. Diekmann, J. A. P. Heesterbeek, and M. G. Roberts, “The construction of next generation matrices for compartmental epidemic models,” *Journal of The Royal Society Interface*, vol. 7, pp. 873–885, Jun. 2010.
- [12] Y. Yulida and M. A. Karim, “Pemodelan matematika penyebaran covid-19 di provinsi kalimantan selatan,” *Media Bina Ilmiah*, vol. 14, no. 10, pp. 3257–3264, 2020.
- [13] M. Martcheva, *An Introduction to Mathematical Epidemiology*. 2015.
- [14] R. Sargent, “Optimal control,” *Journal of Computational and Applied Mathematics*, vol. 124, pp. 361–371, 2000.
- [15] D. S. Naidu and D. S. Naidu, *Optimal control systems*. Boca Raton, Fla.: CRC Press, 2003.
- [16] J. H. Mathews and K. D. Fink, *Numerical Methods Using MATLAB*, 4th ed. Upper Saddle River, N.J: Pearson, 2004.