

DAFTAR PUSTAKA

- Boyce, W.E., & DiPrima, R. C. (2009), *Elementary Differential Equations and Boundary Value Problems*, 9th edition, John Wiley & Sons, Inc, United State of America.
- Backer, J. A., Klinkenberg, D., & Wallinga, J. (2020). Incubation period of 2019 novel coronavirus (2019-nCoV) infections among travellers from Wuhan, China, 20–28 January 2020. *Eurosurveillance*, 25(5), 2000062.
- Badan Pusat Statistik (BPS). (2022). *Statistik Indonesia 2022*. Jakarta: Badan Pusat Statistik.
- Centers for Disease Control and Prevention (CDC). (2020). Influenza symptoms and recovery. Diakses dari <https://www.cdc.gov/flu/>
- Cui, J., Takeuchi, Y., & Saito, Y. (2006). Spreading disease with transport-related infection. *Journal of Theoretical Biology*, 239(206), 376–390.
- Denphedtnong, D. (2013). On the dynamics of SEIRS epidemic model with transport-related infection. *Mathematical Biosciences*, 245, 188–205.
- Dinas Kesehatan Indonesia. (2021). *Program vaksinasi COVID-19 di Indonesia*. Jakarta: Kementerian Kesehatan RI.
- Driessche, P., & Wermough, J. (2002). Reproduction numbers and sub-threshold endemic equilibria for compartmental models of disease transmission. *Mathematical Biosciences*, 180, 29–48.
- Edwards, C., & Penny, D. (2008). *Differential equations and linear algebra* (6th ed.). Prentice Hall.
- Google Mobility Reports. (2020–2021). *Community mobility reports*. Diakses dari <https://www.google.com/covid19/mobility/>
- He, S., Peng, Y., & Sun, K. (2020). SEIR modeling of the COVID-19 and its dynamics. *Nonlinear Dynamics*, 101(3), 1667–1680.
- Huang, C., Wang, Y., Li, X., Ren, L., Zhao, J., Hu, Y., Zhang, L., Fan, G., Xu, J., Gu, X., & others. (2020). Clinical features of patients infected with 2019 novel coronavirus in Wuhan, China. *The Lancet*, 395(10223), 497–506.
- Iuliano, A. D., Roguski, K. M., Chang, H. H., Muscatello, D. J., Palekar, R., Tempia, S., Cohen, C., Gran, J. M., Schanzer, D., Cowling, B. J., & others. (2018). Estimates of global seasonal influenza-associated respiratory mortality: A modelling study. *The Lancet*, 391(10127), 1285–1300.
- Iyaniwura, S. A., Ringa, N., Adu, P. A., Mak, S., Janjua, N. Z., Irvine, M. A., & Otterstatter, M. (2023). Understanding the impact of mobility on COVID-19 spread: A hybrid gravity-metapopulation model of COVID-19. *PLoS Computational Biology*, 19(5).

- Jiang, J., & Luo, L. (2020). Influence of population mobility on the novel coronavirus disease (COVID-19) epidemic: Based on panel data from Hubei, China. *Global Health Research and Policy*, 5(1).
- Kucharski, A. J., Russell, T. W., Diamond, C., Liu, Y., Edmunds, J., Funk, S., Eggo, R. M., Sun, F., Jit, M., Munday, J. D., & others. (2020). Early dynamics of transmission and control of COVID-19: A mathematical modelling study. *The Lancet Infectious Diseases*, 20(5), 553–558.
- Lessler, J., Reich, N. G., Brookmeyer, R., Perl, T. M., Nelson, K. E., & Cummings, D. A. T. (2009). Incubation periods of acute respiratory viral infections: A systematic review. *The Lancet Infectious Diseases*, 9(5), 291–300.
- Li, H., Huang, J., Lian, X., Zhao, Y., Yan, W., Zhang, L., & Li, L. (2023). Impact of human mobility on the epidemic spread during holidays. *Infectious Disease Modelling*, 8(4), 1108–1116.
- Lipsitch, M., Grad, Y. H., Sette, A., & Crotty, S. (2020). Cross-reactive memory T cells and herd immunity to SARS-CoV-2. *Nature Reviews Immunology*, 20(11), 709–713.
- Mattheij, R., & Molenaar, J. (2002). *Ordinary differential equation in theory and practice*. Society for Industrial and Applied Mathematics.
- Meksianis Zadrak Ndi, P. (2018). *Pemodelan matematika dinamika populasi dan penyebaran penyakit: Teori, aplikasi, dan numerik*. Deepublish.
- Murray, J. (2002). *Mathematical biology: I. An introduction* (3rd ed.). Springer Verlag.
- Polack, F. P., Thomas, S. J., Kitchin, N., Absalon, J., Gurtman, A., Lockhart, S., Perez, J. L., Pérez Marc, G., Moreira, E. D., Zerbini, C., & others. (2020). Safety and efficacy of the BNT162b2 mRNA Covid-19 vaccine. *New England Journal of Medicine*, 383(27), 2603–2615.
- Pramono, D. (2022). *Laporan kinerja*. Kementerian Kesehatan Republik Indonesia.
- Robinson, R. C. (2004). *An introduction to dynamical systems: Continuous and discrete*. Pearson Prentice Hall.
- Serradell, J. (2010). *Deadly diseases and epidemic SARS* (2nd ed.). New York: Chelsea House Publishers.
- Takeuchi, Y., Liu, X., & Cui, J. (2007). Global dynamics of SIS models with transport-related infection. *Journal of Mathematical Analysis and Applications*, 329, 1460–1471.
- Verity, R., Okell, L. C., Dorigatti, I., Winskill, P., Whittaker, C., Imai, N., Cuomo-Dannenburg, G., Thompson, H., Walker, P. G. T., Fu, H., & others. (2020). Estimates of the severity of COVID-19 disease. *The Lancet Infectious Diseases*, 20(6), 669–677.
- Wan, H., & Cui, J. (2007). An SEIS epidemic model with transport-related infection. *Journal of Theoretical Biology*, 247, 507–524.

Widiawati, E. (2016). Analisis dinamik model penularan penyakit tipe SIERS melalui transportasi antar dua kota. *Malang*.

World Bank. (2022). Crude birth rate and death rate indicators. Diakses dari <https://data.worldbank.org>