DAFTAR PUSTAKA

Anggriani, N., Supriatna, A., Subartini, B., & Wulantini, R. (2015). Kontrol Optimum pada Model Epidemi SIR dengan Pengaruh Vaksinasi dan Faktor Imigrasi. *Jurnal Matematika Integratif*, Volume 11 (2): 111-118.

Annas, S., Pratama, M.I., Rifandi, M., Sanusi, W., & Side, S. (2020). Stability Analysis and Numerical Simulation of SEIR Model for Pandemic Covid-19 Spread in Indonesia. *Chaos, Solitons and Fractals*, Volume 139: 1-7. https://doi.org/10.1016/j.chaos.2020.110072

Anton, H. & Rorres, C. (2014). *Elementary Linear Algebra* (edisi 11). United State of America: WILEY.

Banerjee, S. (2014). *Mathematical Modeling: Models, Analysis and Applications*, Boca Raton: CRC Press.

Boyce, W.E. & Prima, R.C. (2009). *Elementary Diffrential Equation and Boundary Value Problem* (edisi 9). United State of America: WILEY.

Dorf, R.C. & Bishop, R.H. (2017). *Modern Control Systems* (edisi 13). New Jersey: Pearson Education.

Driessche, P. & Watmough, J. (2002). Reproduction Numbers and Sub-Treshold Endemic Equilibria for Compartmental Models of Disease Transmission. *Mathematical Biosciences*, Volume 180: 29-48.

Giesecke, J. (2017). *Modern Infectious Disease Epidemiology* (edisi 3). Boca Raton: CRC Press.

Giordano, F.R., Fox, W.P. & Horton, S.B. (2014). *A First Course in Mathematical Modeling* (edisi 5). Boston: Brooks/Cole, Cengange Learning.

Hethcote, H.W. (2002). The Mathematics Infectious Disease. *SIAM Review*, Volume 42 (4): 599-653.

Hussain, T., Ozair, M., Ali, F., Rehman, S., Assiri, T.A. & Mahmoud, E.E. (2021). Sensitivity Analysis and Optimal Control of Covid-19 Dynamics Based on SEIQR Model. *Results in Physics*, Volume 22: 1-11. https://doi.org/10.1016/j.rinp.2021.103956

Jiao, J., Liu, Z. & Cai, S. (2020). Dynamics of SEIR Model with Infectivity in Incubation Period and Homestead-Isolation on the Susceptible. *Applied Mathematics Letters*, Volume 107: 1-7. https://doi.org/10.1016/j.aml.2020.106442.

Kemenkes, RI. (2021).*Sutasi Virus Covid-19 di Indonesia*. Diakses 4 Maret 2021, dari https://covid19.go.id

Kirk, D.E. (2004). *Optimal Control Theory an Introduction*. New York: Dover Publications.

Kocak, H. & Hale, J.K. (1991). *Dynamic and Bifurcations 2*. New York: Springer-Verlag.

Lee, J., Kim, J. & Kwon, H.D. (2013). Optimal Control of an Influenza Model with Seasonal Forcing and Age-Dependent Transmission Rate. *Journal of Theoretical Biology*, Volume 317: 310-320. http://dx.doi.org/10.106/j.jtbi.2012.10.032

Madubueze, C.E., Dachollom, S. & Onwubuya, I.O. (2020). Controlling the Spread of Covid-19: Optimal Control Analysis. *Computation and Mathematical Methods in Medicine*, Volume 2020: 1-14. https://doi.org/10.1155/2020/682516

Mandal, S., Bhatnagar, T., Arinaminpathy, N., Agarwal, A., Chowdhury, A., Murhekar, M., Gangakhedkar, R.R. & Sarkar, S. (2020). Prudent Public Health Intervention Strategies to Control the Coronavirus Disease-2019 Transmission in India: A Mathematical Model-Based Approach. *India J. Med. Res*, Volume 151: 190-199. https://doi.org/10.4103/ijmr.IJMR_504_20

Mu'afa, K. & Asih, T.S.N. (2021). Model Dinamika Interksi Virus Corona (SARS-CoV-2) Penyebab Covid-19 dengan Sistem Imun Tubuh. *PRISMA, Prosiding Seminar Nasional Matematika*, Volume 4: 718-726

Ndairou, F., Area, I., Nieto, J.J. & Torres, F.M. (2020). Mathetamtical Modeling of Covid-19 Transmission Dynamics with a Case Study of Wuhan. *Chaos, Solitons and Fractals*, Volume 135: 1-11. https://doi.org/10.1016/j.chaos.2020.109846

Ouassou, H., Kharchoufa, L., Bouhrim, M., Daoudi, N.E., Imtara, H., Bencheikh, N., Elbouzidi, A. & Bouham, M. (2020). The Phatogenesis of Coronavirus Disease 2019 (Covid-19): Evaluation and Prevention. *Journal Imunology Research*, Volume 2020: 1-7. https://doi.org/10.1155/2020/1357983

Pareallo, K., Sanusi, W. & Side, S. (2018). Kontrol Optimal pada Model Epidemik SIR Penyakit Demam Berdarah. *Indonesian Journal of Fundamental Science (IJFS)*, Volume 4 (2): 110-119.

Perko, L. (2001). *Differential Equation and Dynamical System 2* (edisi 3). New York: Springer-Verlag.

Ross, S.L. (2010). *Differential Equations* (edisi 3). India: WILEY.

Rustan & Handayani, L. (2020). The Outbreaks Modeling of Coronavirus (Covid-19) Using the Modified SEIR Model in Indonesia. *SPEKTRA: Jurnal Fisika dan Aplikasinya*, Volume 5 (1): 61-68. https://doi.org/10.21009/SPEKTRA

Sinaga, L. P., Nasution, H. & Karitka, D. (2021). Stability Analysis of the Corona Virus (Covid-19) Dynamics SEIR Model in Indonesia. *Journal of Physics: Conference Series*, Volume 189 (2021): 1-9. https://doi.org/10.1088/1742-6596/1819/1/012043

Subchan, Fitria, I. & Syafi'i, A.M. (2019). An Epidemic Cholera Model with Control Treatment and Intervention. *Journal of Physics: Conference*

Series, Volume 1218 (2019): 1-9. https://doi.org/10.1088/1742-6596/1218/012046

Tu, P. (1984). *Introductory Optimization Dynamics: Optimum Control with Economics and Management Applications*. New York: Springer-Verlag.

WHO. (2021). *WHO Coronavirus Disease (Covid-19) Dashboard*. Diakses 4 Maret 2021, dari https://covid19.who.int

Willim, H.A., Ketaren, I. & Supit, A.I. (2020). Dampak Coronavirus Disease 2019 terhadap Sistem Kardiovaskular. *E-Clinics*, Volume 8 (2): 237-245. https://doi.org/10.35790/ecl.8.2.2020.30540

Zeb, A., Alzahrani, E., Erturk, V.S. & Zaman, G. (2020). Mathematical Model for Corona Virus Disease 2019 (Covid-19) Containing Isolation Class. *BioMed Research International*, Volume 2020: 1-7. https://doi.org/10.1155/2020/3452402