

DAFTAR PUSTAKA

- [1] P. Rakshit, S. Kumar, S. Noeiaghdam, U. Fernandez-Gamiz, M. Altanji, and S. S. Santra, “Modified SIR model for COVID-19 transmission dynamics: Simulation with case study of UK, US and India,” *Results Phys.*, vol. 40, no. April, p. 105855, 2022, doi: 10.1016/j.rinp.2022.105855.
- [2] A. A. Nugroho, “Pemodelan Matematis Penyebaran Virus Sars-Cov2 Dan Penyelesaian Numerisnya Menggunakan Metode Runge-Kutta Orde Empat,” *Angew. Chemie Int. Ed.* 6(11), 951–952., p. 102, 2001.
- [3] “Dasbor WHO Coronavirus (COVID-19) | Dasbor WHO Coronavirus (COVID-19) Dengan Data Vaksinasi.” <https://covid19.who.int/> (accessed Mar. 23, 2023).
- [4] “Covid19.go.id.” <https://covid19.go.id/id>.(accessed 17 Desember 2022)
- [5] P. Kedarup and A. Kesehatan, “Keputusan Presiden (Keppres) Nomor 11 Tahun 2020 tentang Penetapan Kedaruratan Kesehatan Masyarakat COVID-19,” *Sekr. Negara*, no. 031003, pp. 1–2, 2020.
- [6] A. Syauqi, “Jalan panjang covid19 (sebuah refleksi dikala wabah merajalela berdampak pada perekonomian),” *JKUBS J. Chem. Inf. Model.*, vol. 1, no. 1, pp. 1–19, 2020.
- [7] “PP No. 21 Tahun 2020 tentang Pembatasan Sosial Berskala Besar dalam Rangka Percepatan Penanganan Corona Virus Disease 2019 (COVID-19) [JDIH BPK RI].” <https://peraturan.bpk.go.id/Home/Details/135059/pp-no-21-tahun-2020> (accessed Mar. 23, 2023).
- [8] Widowati and Sutimin, “Buku Ajar Pemodelan Matematika,” *Buku Ajar Pemodelan Matematika*. p. 74, 2007.
- [9] M. H. A. Biswas, L. T. Paiva, and M. De Pinho, “A seir model for control of infectious diseases with constraints,” *Math. Biosci. Eng.*, vol. 11, no. 4, pp. 761–784, 2014, doi: 10.3934/mbe.2014.11.761.

- [10] M. Oktafiana, “analisis kestabilan pengaruh vaksinasi dan karantina pada penyebaran COVID-19 menggunakan kriteria routh hurwitz dan metode lyapunov,” Semarang, 2022.
- [11] D. Prameswari, “Analisis kestabilan model SEQDITR pada penyebaran Covid.19 Di provinsi DKI Jakarta,” Semarang, 2022.
- [12] U. Fitriani, “Model analysis and optimal control of the spread of COVID-19 transmission dynamics in central java province, indonesia,” Semarang, 2021.
- [13] R. Ghostine, M. Gharamti, S. Hassrouny, and I. Hoteit, “An extended seir model with vaccination for forecasting the COVID-19 pandemic in saudi arabia using an ensemble kalman filter,” *Mathematics*, vol. 9, no. 6, 2021, doi: 10.3390/math9060636.
- [14] D. A. N. Kecemasan, D. Menghadapi, and M. Pandemi, “1,2,3,4,” vol. 6, pp. 71–78, 2022.
- [15] F. S. Mahayana, C. Suryawati, and F. Agushybana, “Penanganan Pasien COVID-19 Pada Rumah Sakit di Indonesia,” *J. Kesehat.*, vol. 8, no. 3, pp. 162–170, 2021, doi: 10.25047/j-kes.v8i3.166.
- [16] T. T.-Y. Lam *et al.*, “Identification of 2019-nCoV related coronaviruses in Malayan pangolins in southern China,” *bioRxiv*. p. 2020.02.13.945485, 2020, doi: 10.1101/2020.02.13.945485.
- [17] “Beda Isolasi dan Karantina Mandiri | Indonesia Baik.” <https://indonesiabaik.id/infografis/beda-isolasi-dan-karantina-mandiri> (accessed Mar. 23, 2023).
- [18] “Dasbor Vaksin.” <https://vaksin.kemkes.go.id/#/vaccines> (accessed Mar. 23, 2023).
- [19] M. Imrona, *Aljabar Linier Elementer*. Bandung: Sekolah Tinggi Teknologi Telkom, 2002.
- [20] H. Anton and C. Rorres, *Elementary Algebra Linear, 11 th*. USA, 2013.

- [21] D. G. Zill, *A First Course in Differential Equations with Modeling Applications 10th Edition, 10th ed.* Cengage Learning, 2012.
- [22] W. E. Boyce dan R. C. DiPrima, *Elementary Differential Equation and Boundary Value Problems*. New York: John Wiley & Sons, 2009.
- [23] S. L. Ross, *Differential equations 3rd edition Shepley L.Ross.pdf*. 2010.
- [24] and J. D. O. G, M. J, W. Van der J, *Mathematical Systems Theory*. Delft University Of Technology. 2013.
- [25] G. J. Olsder and J. W. van der Woude, *Mathematical Systems Theory*, vol. 4. VSSD Delft, 2005.
- [26] L. Perko, *Differential Equations and Dynamical Systems*, vol. 7. Springer Science & Business Media, 2001.
- [27] L. Eldstein dan Keshet, *Mathematical Models in Biology*. New York: SIAM, 2005.
- [28] M. Manaqib, I. Fauziyah dan Mujiyanti, "Mathematical Model for MersCoV Disease Transmission with Medical Mask Usage and Vaccination," vol. 1, pp. 30-42, 2019