

DAFTAR PUSTAKA

- Anton, H., 2005, Aljabar Linier Elementer, Erlangga, Jakarta.
- Basir, F. A., Ray, S., dan Venturino, E. 2018. Role of media coverage and delay in controlling infectious diseases: A mathematical model, *Applied Mathematics and Computation*, 337, 372–385.
- Brauer, F. dan Castillo-Chavez, C., 2012, *Mathematical Models in Population Biologi and Epidemiology*, Springer-Verlag, New York.
- Bronson R., dan Costa G. B., 2007, *Differential Equations*, The Mc Grow-Hill Companies, Inc., New Jersey.
- Chartrand, G., dan Oellerman, O.R., 1993, *Applied and algorithms for Scientist and Engineers*, World Scientific Publishing, Singapore.
- Chitnis, N., Hyman, J. M. dan Cushing, 2008, Determine Important Parameters in the Spread of Malaria Through the Sensitivity Analysis of a Mathematics Model, *Bulletin of Mathematical Biology*, Vol: 5, No: 70, pp: 1272-1296.
- Dangbé, E., Békollé, D., Irépran, D., dan Perasso, A. 2017, Impact of Hygiene, Famine and Environment on Transmission and Spread of Cholera. *Mathematical Modelling of Natural Phenomena*, 12(2), 4–21.
- Diekmann, O. Heesterbeek, J.A.P. dan Roberts M.G., 2009, The Construction of Next-Generation Matrices for Compartmental Epidemic Models, *The Royal Society Interface*, 7:873-885.
- Dinas Kesehatan Jawa Timur., 2019, Data Penyebaran Penyakit Kolera di Jawa Timur, Surabaya.
- Driessche, P. van den. Dan Watmough, J., 2002, Reproduction numbers and sub-threshold endemic equilibria for compartmental models of disease transmission, *Mathematical Biosciences*, 180:29-48.
- Haupt, R.L., dan Haupt, S.E., 2004, *Practical Genetic Algorithms*, Second Edition, Jon Wiley&Sons Inc., Canada.
- Merkin, D.R., 1997, *Introduction to The Theory of Stability*, Springer: New York.
- Misra, AK, Gupta A., dan Venturino, E 2016, *Cholera Dynamic with Bacteriophage Infection*, Chaos, solitons and fractals, 91:610-621.
- Mitchel, MM., 1999, *An Introduction to Genetic Algorithms*, A. Bradford Book The MIT Press, Cambridge.
- Mukandavire, Z., Liao, S., Wang, J., Gaff, H., Smith, D.L., dan Morris, J.G., 2011, Estimating the productive members for the 2008-2009 Cholera outbreaks in Zimbabwe, *Proc. Nat. Acad. Sci*, U.S.A.

- Obitko, M., 1998, Introduction to Genetic Algorithms, Crezh Technical University, Prague.
- Olsder, G.J., 2003. Mathematical System Theory, Delft, The Natherland.
- Posny, D., Wang, J., Mukandavire, Z., & Modnak, C. 2015, Analyzing transmission dynamics of cholera with public health interventions. *Mathematical Biosciences*, 264, 38–53.
- Rao, S.S., 2009, Engineering Optimization: Theory and Practice, 4th, John Wiley and Sons, New York.
- Sivandam, S.N., dan Deepa, S.N., 2008, Introductionto Genetic Algorithms, Springer, New York.
- Sudoyo, A.W., Setiyohadi, B., Alwi, I., Marcellus., 2009, 394. Kolera, Buku Ajar Ilmu Penyakit Dalam, Jilid I Edisi V, Interna Publishing, Jakarta.
- Tian, X., Xu, R. dan Lin, J., 2019, Mathematical Analysis of a Cholera Infection Model with Vaccination Strategy, *Applied Mathematics and Computation*, Vol: 361, No: 5, pp:517-535.
- Van den Driessche, P dan Watmough, J., 2002, Reproduction numbers and sub-threshold endemic equilibria for compartmental models of disease transmission, *Mathematical Biosciences*, 180:29-48.
- WHO, 2000, WHO *Report on Global Surveillance of Epidemic-Prone Infectious Disease*, Departemen of Communicable Disease Survillance and Respons.
- WHO, 2010, Update WHO *Position Paper on Cholera Vaccines*, Switzerland, Yumono. 2005. Biologi Molekuler. Erlangga, Jakarta.
- WHO, 2020a, WHO *Updated global burden of cholera in endemic countries*. <https://www.who.int/news-room/fact-sheets/detail/cholera>. Diakses pada tanggal 2 Januari 2020 pukul 18.34 WIB.
- WHO, 2020b, WHO *The incubation period of cholera*: a systematic review. <https://www.who.int/news-room/fact-sheets/detail/cholera> Diakses pada tanggal 10 februari 2020 pukul 14.28 WIB.
- WHO, 2020c, WHO *Cholera vaccines*: WHO position paper – August 2017. <https://www.who.int/news-room/fact-sheets/detail/cholera> Diakses pada tanggal 5 januari 2020 pukul 19.53 WIB.
- Zill D. G., dan Cullen M. R., 2009, Differential Equation with Boundary-Value Problem Seventh Edition, 7th Edition, Nelson Education, Ltd., Canada. UNICEF, 2009, *Diarrhea: Why Children Are Still Dying and What Can Be Done*.