

DAFTAR PUSTAKA

- Anton, H., 2005, *Aljabar Linier Elementer*, edisi ke 11, Erlangga, Jakarta.
- Brauer, F., Driessche, P., dan Wu, J., 2008, *Mathematical Epidemiology*, Springer, Canada
- Brueggemann, A.B., dan V. G. Doern (2000), Resistance Among Streptococcus pneumoniae: Patterns, Mechanisms, Interpreting the Breakpoints, *The American Journal of Managed Care*, 6(23): 1189-1196.
- 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*, 70:1272-1296.
- 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.
- Institute for Health Metrics and Evaluation (IHME), 2014, Pushing The Pace : Progress and Challenges in Fighting Childhood Pneumonia, IHME, Seattle, Washington.
- Jones, D.S., dan Sleeman, B.D., 2003, *Differentian Equationsand Mathematical Biology*, CRC Press, New York.
- Kelley, W.G., dan Peterson A.C., 2010, *The Theory of Differential Equation: Classical and Qualitative*, Springer Science + Business Media, New York.
- Kizito, M., dan Julius T., 2018, A Mathematical Model of Treatment and Vaccination Interventions of Pneumococcal Pneumonia Infection Dynamics, *Journal of Applied Mathematics*, volume 2018, Article ID 2539465.
- Levine, W.S., 2000, *Control System Fundamentals*, CRC PRESS LLC, Florida.
- Lewis, F.L., dan Syrmos,V.L., 2006, *Optimal Control*, Willy Interscience: Canada.
- Merkin, D.R., 1997, *Introduction to the Theory of Stability*, edisi pertama, Springer, New York.
- Misnadiarly, 2008, *Penyakit Infeksi Saluran Napas Pneumonia pada Anak, Orang Dewasa, Usia Lanjut. Pneumonia Atipik & Pneumonia Atipik Mycobacterium Edisi 1*, Pustaka Onor Populer, Jakarta.

- Naidu, D.S., 2002, *Optimal Control Systems*, edisi ke 2, CRC Press LLC, USA.
- Ndelwa, E.J., dkk., 2015, Mathematical Modelling and Analysis of Treatment and Screening of Pneumonia, *Mathematical Theory and Modeling*, 5: 21-39.
- Ngari, C., Ganesh P., dan J. Koske, 2015, Analytical Model for Childhood Pneumonia, a Case Study of Kenya, *British Journal of Mathematics & Computer Science*, 12(2): 1-28.
- Olsder, G.J., 2003, *Mathematical System Theory, second edition*, Delph University Press, Netherland.
- Otieno, O.J., Mugisha J., dan Oleche P., 2014, A probabilistic estimation of the basic reproduction number: A case of control strategy of pneumonia, *Science Journal of Applied Mathematics and Statistics*, 2(2): 53–59.
- Perko, L., 1991, *Differential Equations and Dynamical Systems*, edisi ke 3, Springer, New York.
- Singh V dan Aneja S, 2011, Pneumonia - Management in The Developing World, *Paediatric respiratory reviews*, 12: 52-59.
- Sontang, E.D., dan Thomas, M., 2001, *Control Theory for Linear Systems*, Springer, London.
- Tilahun, G.T., Oluwole D.M., dan David M., 2017, Modelling and Optimal Control of Pneumonia Disease with Cost-Effective Strategies, *Journal of Biological Dynamics*, 11: 400-426.
- World Health Organization (WHO), 2016, *Key Fact about Pneumonia*, <http://www.who.int/news-room/fact-sheets/detail/pneumonia>. Diakses pada 3 oktober 2018
- Zill, D.G., dan Michael R.C., 2009. *Differential Equations with Boundary-Value Problems*, edisi ke 7, Canada.