

DAFTAR PUSTAKA

- Castillo, C., Feng, Z., dan Huang, W., 2002, On the Computation of R_0 and its Role on Global Stability, *Journal of Mathematical Bioscience*, 150, 131-151.
- Diekmann, O., Heesterbeek, J. A. P. 1, dan Metz, J. A. J., On the definition and the computation of the basic reproduction ratio R_0 in models for infectious diseases in heterogeneous populations, *Journal of Mathematical Biology*, Springer-Verlag, 28:365-382.
- Dirjen PPPL, 2012, *Pedoman Pengendalian Demam Chikungunya, Edisi 2*, Kementerian Kesehatan RI, Jakarta.
- Dumont, Y., Chiroleu, F. dan Domerg, C. ., 2008, On the temporal model for the Chikungunya disease: Modeling, theory and numerics, *Math. Biosci.*, 213: 80-91.
- Dumont, Y., Chiroleu, F. , 2010, Vector control for the Chikungunya disease, *Math. Biosci. Eng.*, 7: 313345.
- Earn, D.J.D., 2008, *A light introduction to modelling recurrent epidemics*, In Lecture Notes in Mathematical Epidemiology, edited by F. Brauer, P. van den Driessche, J. Wu, (Springer), pp. 3-18.
- Febrianto, Prahayuda, 2015, 46 Warga Dukuh Geritan Terkena Chikungunya, *Sindo News*, <http://daerah.sindonews.com/read/961180/22/46-warga-dukuh-geritan-terkena-chikungunya-1423226462>, diakses tanggal 7 September 2015.
- Gantmacher, F.R., 1960, *The theory of Matrices*, Chelsea Publishing Company, New York.
- Hale, J. K. dan Kocak, H., 1991, *Dynamics and Bifurcation*, Springer-Verlag, New York.

- Kamgang, J. C. dan Sallet, G., 2005, Global asymptotic stability for the disease free equilibrium for epidemiological models, *Sci. Paris, Ser. I*, 341 (2005) 433438
- , 2008, Computation of threshold conditions for epidemiological models and global stability of the disease-free equilibrium (DFE), *Math. Biosci.*, 213 112.
- Kurniasari, Dian, 2013, Model Penyebaran Virus Chikungunya dengan Penerapan Adulticide, *Skripsi*, Fakultas MIPA, Universitas Gadjah Mada, Yogyakarta.
- Kuznetsov, Y. A., 1998, *Elements of Applied Bifurcation Theory*, Second Edition, Springer-Verlag, New York, Inc.
- Luenberger, D.G., 1979 *Introduction to Dynamical System Theory, Models, and Applications*, John Wiley and Sons, United State Of America.
- Ma, Z. dan Li, J. (Ed), 2009, *Dynamical Modeling and Analysis of Epidemics*, World Scientific, United State Of America.
- Menkes RI, 2010, Peraturan Menteri Kesehatan Republik Indonesia Nomor 374/MENKES/PER/III/2010 - Pengendalian Vektor, Menkes RI, Jakarta.
- Moulay, D., Aziz-Alaoui, M.A., Cadivel M., 2010, The chikungunya disease: Modeling, vector and transmission global dynamics, *Elsevier Mathematical Biosciences*, 229 (2011) 5063.
- Naowarat, S., dan Tawarat, W., 2011, Control of the Transmission of Chikungunya Fever Epidemic Through the use of Adulticide, *American Journal of Applied Sciences*, 8 (6): 558-565.
- Olsder, G.J., 2003, *Mathematical System Theory*, Delftse Uitgevers Maatschappij, Delft University Press, Netherlands.
- Pan American Health Organization, 2011, *Preparedness and Response for Chikungunya Virus: Introduction in the Americas*, PAHO, Washington D.C.

———, 2013, *Epidemiological Alert - Chikungunya Fever*, PAHO, Washington D.C.

Perko, S., 2001, *Differential Equation and Dynamical System*, Text in Applied Mathematic Vol. 7, Springer-Verlag, New York.

Rudin, W., 1976, *Principle of Mathematical Analysis*, Third Edition, Internasional Edition, McGraw-Hill, Inc., United State Of America.

Suryono, Trianto Hery , 2013, Chikungunya Serang Selogiri Wonogiri, *Suara Indonesia*, <http://www.solopos.com/2014/02/11/chikungunya-serang-selogiri-wonogiri-488544>, diakses tanggal 27 Juli 2015.

Susan, Ricky, 2013, Wabah chikungunya di Cibeber terus meluas, *Suara Indonesia*, <http://daerah.sindonews.com/read/761567/21/wabah-chikungunya-di-cibeber-terus-meluas-1373952979>, diakses 27 Juli 2015.

Thomson, Brian S., Bruckner, Judith B., dan Bruckner Andrew M., 2001, *Elementary Real Analysis*, Prentice Hall, United States of America.

Udin dan Zai, 2015, Chikungunya Serang Ratusan Warga Pulau Kangean, *Suara Indonesia*, <http://suaraindonesia-news.com/ratusan-warga-pulau-kangean-diserang-cikungunya/>, diakses tanggal 7 September 2015.

Van den Driessche, P. , dan Watmough, J., Reproduction numbers and subthreshold endemic equilibria for compartmental models of disease transmission, *Math. Biosci.* 180 (2002) 29.

Verhulst, F., 1990, *Nonlinear Differential Equation and Dynamical Systems*, Springer-Verlag, New York, USA.

World Health Organization, 2009, *Guidelines for prevention and control of chikungunya fever*, World Health Organization, Regional Office for South-East Asia, New Delhi, India.

———, 2015, Chikungunya, Media Center, <http://www.who.int/mediacentre/factsheets/fs327/en/>, diakses tanggal 31 Agustus 2015.

———, 2015, Dengue control - Chemical control, <http://www.who.int/denguecontrol/controlstrategies/chemicalcontrol/en/>, diakses tanggal 31 Agustus 2015.

———, 2015, Dengue control - The mosquito, <http://www.who.int/denguecontrol/mosquito/en/>, diakses tanggal 9 September 2015.

Wiggins, S., 2003, *Introduction of Applied Nonlinear Dynamical Systems and Chaos Second Edition*, Springer-Verlag, New York.