

DAFTAR PUSTAKA

- Abbas, A.K., dan Andrew H.L., 2009, *Basic Immunology: Function and Disorders of The Immune System*, Saunders Elsevier, China.
- Abrams J.Y., Copeland J.R., Tauxe R.V., Date K.A., Belay E.D., Mody R.K., Mintz E.D., 2012, Real-Time Modelling Used for Outbreak Management During A Cholera Epidemic (Haiti, 2010-2011), *Epidemiol. Infect.* (2013), 141, 1276-1285.
- Amelia, S., 2005, *Vibrio Cholerae*, Departemen Mikrobiologi Fakultas Kedokteran Universitas Sumatera Utara, Medan.
- Arrowsmith, D.K. dan Place C.M., 1992, *Dynamical Systems, Differential Equations, Maps and Chaotic Behaviour*, Chapman&Hall, London.
- Arya, J.C. dan Lardner R.W., 1979, *Mathematics for Biological Sciences*, Prentice-Hall, USA.
- Aryati, L., 2013, *Bio Matematika*, FMIPA-UGM, Yogyakarta.
- Austin Community College District, 2008, Digestive System, <http://www.austincc.edu/apreview/PhysText/Digestive.html>, diakses 14 April 2015.
- Bazaraa, M.S., Sherali H.D., Shetty C.M., 2006, *Nonlinear Programming: Theory and Algorithms*, John Wiley&Sons, USA.
- Bellanti, J.A., 1993, *Imunologi III*, Gadjah Mada University Press, Yogyakarta.
- Berman, A. dan Plemmons R.J., 1994, *Nonnegative Matrices in the Mathematical Sciences*, SIAM, Philadelphia.
- Bourgeois, S.S., Raoult R., Mirjam K., 2014, *Infectious Disease Epidemiology*, Springer Science-Business Media, New York.

- Boyd, S. dan Vandenberghe L., 2009, *Convex Optimization*, Cambridge University Press, New York.
- Budd, W., 2013, Malignant Cholera: Its Cause, Mode of Propagation, and Prevention, *International Journal of Epidemiology*, 42:15671575.
- Clark C.G., Kravetz A.N., Alekseenko V.V., Krendelev Y.D., Johnson W.M., 1998, Microbiological and epidemiological investigation of cholera epidemic in Ukraine during 1994 and 1995, *Epidemiol. Infect.*, 121, 1-13.
- Codeco, C.T., 2001, Endemic and Epidemic Dynamics of Cholera: The Role of The Aquatic Reservoir, *BMC Infectious Diseases* 2001, 1:1, 1471 - 2334.
- Dorland, 2004, *Dorland's Pocket Medical Dictionary 26th Edition*, Elsevier, Philadelphia.
- Driessche, P.V. dan Watmough J., 2008, *Mathematical Epidemiology*, Springer, German.
- Hadley, G., 1963, *Linear Programming*, Addison-Wesley Publishing Company Inc., London.
- Harris, J.B., LaRocque R.C., Qadri F., Ryan E.T., Calderwood, 2012, Cholera, *Seminars*, 30 Juni 2012, Vol 379.
- Hidayati, R., Budiyono A., Nugraha S.A., Mulyono, 2007, Model Fotokimia Ozon Permukaan (Siklus O_3 , NO_X dan CO), *Seminar Nasional Kimia*, 5 Desember 2007, 469-478.
- Hunter, P.R., 1997, *Waterborne Infection- Epidemiology*, John Wiley & Son, England.
- Kent, T.H. dan Hart M.N., 1987, *Introduction to Human Disease*, Appleton-Century-Croft, USA.
- Khalil, H.K., 1996, *Nonlinear Systems*, Macmillan Publishing Company, United States of America.

- Kusnadi, Peristiwa, Syulasmi A., Purwianingsih W., Rochintaniawati D., 2003, *Mikrobiologi*, JICA, Bandung.
- Lamond, E. dan Kinyanjui J., 2012, *Cholera Outbreak Guidelines: Preparedness, prevention and control*, oxfam, UK.
- Luenberger, D.C., 1979, *Introduction to Dynamic Systems*, John Willey and Sons, Inc., United States.
- Mandal, S., Mandal M.D., Pal N.K., 2011, Cholera: a great global concern, *Asian Pacific Journal of Tropical Medicine*, 573-580.
- Marteau, Ph., 1999, *Inflammatory Bowel Diseases*, S. Karger AG., Switzerland.
- McCutcheon, M., 1957, *Pathology*, The C.V. Mosby Company, USA.
- Meyer, C.D., 2000, *Matrix Analysis and Applied Linear Algebra*, SIAM, USA.
- Misra, A.K. dan Singh V., 2012, A delay mathematical model for the spread and control of waterborne diseases, *Journal of Theoretical Biology*, 301(2012) 49-56.
- Mwasa, A. dan Tchuenche J.M., 2011, Mathematical analysis of a cholera model with public health interventions, *BioSystems*, 105 (2011) 190 - 200.
- Olsder, G.J. dan van der Woude J. W., 2004, *Mathematical Systems Theory (Intermediate Third Edition)*, Vereniging voor Studie- en Studentenbelangen te Delft, Netherlands.
- Parham, P., 2005, *The Immune System*, Garland Science, USA.
- Pease, M.C., 1965, *Method of Matrix Algebra*, Academic Press, USA.
- Perko, L., 2001, *Differential Equations and Dynamical Systems*, Springer-Verlag, New York.
- Posny, D., Wang J., Mukandavire Z., Modnak C., 2015, Analyzing Transmission Dynamics of Cholera with Public Health Interventions, *Mathematical Biosciences*, 264 (2015) 38 - 53.

- Puspendari, N., Sariadji K., Wati M., 2008, Identifikasi Penyebab Kejadian Luar Biasa Kolera di Papua Terkait Kontak Jenazah dan Sanitasi, *Pusat Penelitian Biomedis dan Farmasi Badan Litbang Depkes*, Jakarta.
- Rampatige, R., Lene M., Bernado H., Ian R., Alan D.L., 2014, Systematic Review of Statistics on Causes of Deaths in Hospitals: Strengthening The Evidence for Policy-Makers, *Bull World Health Organ* 2014, 92: 807 -16.
- Ryan, J.L. dan Projan S.J., 2003, *Medical Immunology (tenth edition)*, McGraw-Hill, Singapore.
- Sack, D.A., Sack R.B., Nair G.B., Siddique A.K., 2004, Cholera, *Seminar*, 17 Januari 2004, Vol 363: 22333.
- Shuai, Z. dan Driessche P., 2011, Global Dynamics of Cholera Models with Differential Infectivity, *Mathematical Biosciences*, 234 (2011) 118 - 126.
- Stephenson T.J., 2001, *General and Systematic Pathology*, Harcourt Publisher, China.
- Stine, O.C. dan Morris Jr.J.G., 2014, Circulation and Transmission of Clones of *Vibrio Cholerae* During Cholera Outbreaks, *Curr Top Microbiol Immunol*, 379: 181 -193, doi:10.1007/82-2013-360.
- Subowo, 1993, *Imunologi Klinik*, Angkasa, Bandung.
- Symington, V., 2011, *Cholera: Death by Diarrhoea*, Society for General Microbiology, UK.
- Szidarovszky, F. dan Szidarovszky S.M., 2002, *Introduction to Matrix Theory*, World Scientific, Singapore.
- Tien, J.H. dan David J.D.E., 2010, Multiple Transmission Pathways and Disease Dynamics in a Waterborne Pathogen Model, *Bulletin of Mathematical Biology*, 72:1506-1533.

- Trench, W.F., 2013, *Introduction to Real Analysis*, Pearson Education, USA.
- Vaz, L.H., 2012, Cholera, *Textbook of Clinical Pediatrics*, DOI 10.1007/978-3-642-02202-9-79.
- Verhulst, F., 1990, *Nonlinear Differential Equations and Dynamical Systems*, Springer-Verlag, Jerman.
- Waldor, M.K. dan Keusch G.T., 2010, *Harrison's Infectious Diseases*, McGraw-Hill, China.
- Wang, Yi dan Jinde C., 2014, Global Stability of Multiple Infected Compartments Model for Waterborne Diseases, *Commun Nonlinear Sci Numer Simulat*, 3753-3765.
- Watanabe, T., Takeshi S., Yukie K., Ichiro S., 1970, Three Stages of Cholera, *Tropical Medicine*, 122(3) p113-121.
- World Health Organization, 2004, *Cholera Outbreak: Assessing The Outbreak Response and Improving Preparedness*, WHO/CDS/CPE/ZFK/2004.4, Geneva.
- , 2014, Cholera 2013, *Weekly Epidemiological Record*, No. 31, 2014, 89, 345-356.
- Zhang, Fuzhen, 2010, *Matrix Theory: Basic Result and Techniques*, Springer, London.