

**DAFTAR PUSTAKA**

- Anton, H. dan Rorres, C., 2010, *Elementary Linear Algebra*, 10<sup>th</sup> edition, John Wiley & Sons.
- Bacaer, N., 2011, *A Short History of Mathematical Population Dynamics Ninth Edition*, Springer London Dordrecht Heidelberg, New York.
- Bonyah, E., J.F Gomez-Aguilar, Agustina Adu. 2018. Stability Analysis and Optimal Control of Fractional Human African Trypanosomiasis Model. *Chaos and Fractals* 117:150-160.
- Bronson, R. dan Costa, G. B., 2007, *Differential Equation*, The Mc Grow-Hill Companies, Inc., New Jersey.
- Center for Indonesian Veterinary Analytical Studies (CIVAS), 2014, *Trypanosomiasis (Surra)*, <http://civas.net/2014/02/25/trypanosomiasis-surra/>. Diakses pada tanggal 2 Maret pukul 18.17
- Chitnis, N., Hyman, J. M., dan Cushing, 2008, Determine Important Parameters in the Spread of Malaria Through the Sensitivity Analysis of a Mathematics Model, *Bulletion of Mathematical Biology*, 70, 1272 – 1296.
- Das, P., Mukherjee, D., dan Hsieh, Y. H., 2011, An SI Epidemic Model with Saturation Incidence : Discrete and Stochastic Version, *Nonlinear Anal. Appl.*, 1-9.
- Desquesnes M, Dargantes A, Lai DH, Lun ZR, Holzmuller P, Jittapalapong S. 2013. *Trypanosoma evansi* and Surra : A review and prespectives on transmission, epidemiology and control, impact, and zoonotic aspects. *Biomed Res Int.* 1-20.
- 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*, Vol:7, No: 0386, pp: 873-885.
- Driessche, P. V. D., dan Watmough, J., 2002, Reproduction Numbers and Sub-threshold Endemic Equilibria for Compartmental Models of Disease Transmission, *Mathematical Bioscience*, Vol: 180, No: 1-2, pp: 29-48.

- Gervas, H.E., Nicholas K., dan Shamsudden I., 2018. Mathematical Modelling of Human African Trypanosomiasis Using Control Measures. *Computational and Mathematical Methods in Medicine*.
- Hargrove, J.W., Rachid Oufiki, Damian K., 2012. Modeling The Control of Trypanosomiasis Using Trypanocides or Insecticide-Treated livestock. *Plos Neglected Tropical Diseases*, vol. 6, no. 5, p. 1615.
- Hofbauer, J., dan Sigmud, K., 1998, *Evolutionary Games and Population Dynamics*, First Edition, Cambridge University Press, New York.
- Hoare, 1972, *Molecular Identification Technique of Trypanosoma evansi by Multiplex Polymerase Chain Reaction*, [https://www.researchgate.net/publication/301901673\\_Molecular\\_identification\\_technique\\_of\\_Trypanosoma\\_evansi\\_by\\_Multiplex\\_Polymerase\\_Chain\\_Reaction/](https://www.researchgate.net/publication/301901673_Molecular_identification_technique_of_Trypanosoma_evansi_by_Multiplex_Polymerase_Chain_Reaction/). Diakses pada tanggal 21 Maret 2019 pukul 20.00 wib.
- Kajunguri, D., 2013. Modling the Control of Tsetse and African Trypanosomiasis Through Application of Insecticides on Cattle in Southeastern Uganda. Ph.D. thesis, Stellenbosch University, Stellenhosch, South Africa.
- Merkin, D.R., 1997. *Introduction to the Theory of Stability*, Springer, New York.
- Olsder, G.J, 2003. *Mathematical System Theory*, Delft, The Natherland.
- Partoutomo, 1996. Penyakit Surra pada Hewan Ternak, Erlangga, Jakarta.
- Reid S.A, Husein A, Copeman D.B., 2001. Evaluation and Improvement of Parasitological test for *Trypanosoma evansi* infection. *Vet Parasitol*. 102:291-297.
- Rogers, D.J., 1998. A General Model for The African Trypanosomiasis. *Parasitology*, vol. 97, no. 1, pp. 193-212.
- Silva R.A.M.S., Barros A.T.M., Herrera H.M., 1995. Trypanosomiasis outbreaks due to *Trypanosoma evansi* in the Pantanal, Brazi. *A Preliminary approach on risk factors*. *Rev D'Elevage Medicine Veterinaire des Pays Trop*. 48: 315-319.

- Sukanto, I.P., R.G. Payne, Saroso, H., Yusuf, S.H., dan Graydon, R., 1989. Survey Parasitologi dan Serologik Trypanosomiasis di Madura. *Penyakit Hewan*, vol. XX, No. 36:85-87.
- Susanti, 2014, *Trypanosomiasis pada Ternak yang Berpotensi sebagai Penyakit Zoonosis*, Balai Besar Penelitian Veteriner, Bogor.
- World Organization for Animal Health (OIE). 2012. *Trypanosoma evansi* infection (Surra). Paris (France).
- Zhang, J., Jia, J. dan Song C., 2014, Analysis of SIER Epidemic Model with Saturated Incidence and Saturated Treatment Function, *The Scientific World Journal*.
- Zhou, T., Zhang, W., dan Lu, Q., 2014, Bifurcation Analysis of an SIS epidemic Model with Saturated Incidence Rate and Saturated Treatment Function, *Applied Mathematics and Computation*, 226 : 288-305.
- Zill, D.G., dan Cullen. M.R., 2009, *Differential Equations with Boundary-Value Problems*, Nelson Education, Ltd, Canada.