

DAFTAR PUSTAKA

- Afassinou, K. 2014. Analysis of the impact of education rate on the rumor spreading mechanism. *Physica A: Statistical Mechanics and its Applications*, 414, 43-52.
- Daley, D.J., Kendall, D.G., 1964. Epidemics and rumours, *Nature* 204 (4963) 1118-1118.
- Dhar, J., Jain, A., and Gupta, V. K., 2016. A mathematical model of news propagation on online social network and a control strategy for rumor spreading. *Social Network Analysis and Mining*, vol. 6, no. 1, pp. 1–9, 2.
- Forde, J.E., 2005. Delay Differential Models in Mathematical Biology. University of Michigan. Michigan.
- Gollman, L., Kern D., Maurer, H., 2009. Optimal control problems with delays in state and control variables subject to mixed control-state constraints. *Optim. Control Appl. Meth.* 2009; 30:341–365.
- Hale, J. K. & Kocak , H., 1991. Dynamics and Bifurcations. New York: Springer Verlag.
- Halim, D., 2020. Ada 81 Kasus Hoaks terkait Virus Corona, Polisi Tahan 12 Tersangka. Retrieved from <https://nasional.kompas.com/read/2020/04/09/15105541/ada-81-kasus-hoaks-terkait-virus-corona-polisi-tahan-12-tersangka>. Diakses pada tanggal 31 Januari 2022.
- Huo, L., Lin, T., Fan, C., 2015. Optimal control of a rumorpropagation model with latent period in emergency event. *Advances in Diference Equations*, vol. 2015, no. 1, pp. 1–19, 2015.
- Huo, L. A. & Song, N. 2016. Dynamical interplay between the dissemination of scientific knowledge and rumor spreading in emergency. *Physica A: Statistical Mechanics and its Applications*, 461, 73-84.
- Huo, L., Ma, C., 2019. Optimal Control of Rumor Spreading Model with Consideration of Psychological Factors and Time Delay. Hindawi : Discrete Dynamics in Nature and Society.

- Jiang, M., Gao, Q., Zhuang, J., 2021. Reciprocal spreading and debunking processes of online misinformation: A new rumor spreading–debunking model with a case study, *Physica A: Statistical Mechanics and its Applications*.
- Kandhway, K., and Kuri, J., 2014 Optimal control of information epi-demics modeled as Maki Tompson rumors. *Communicationsin Nonlinear Science and Numerical Simulation*, vol. 19, no. 12, pp. 4135–4147.
- Kominfo.go.id. (2017b). Kominfo Blokir 800 Ribu Situs Negatif. Retrieved June 16, 2020, from https://www.kominfo.go.id/content/detail/10445/kominfo-blokir-800-ribu-situs-negatif/0/sorotan_media
- Kuang, Y., 1993. Delay differential Equation with Applications in Population Dynamics vol. 191 of Mathematics in Science and Engineering Academic Press, Inc. San Diego.
- Lenhart, S. & Workman, J. T., 2007. Optimal Control Applied to Biological Models. London: Taylor & Francis Group.
- Li, T., “SIRS rumors spreading model with time delay on scalefree network,” *Journal of Academy of ArmoredForceEngineering*, vol. 2, pp. 104–107, 2016.
- Mastel (Masyarakat Telematika Indonesia), 2019. “Hasil Survey Wabah HOAX Nasional 2019”. <https://mastel.id/hasil-survey-wabah-hoax-nasional-2019/> diakses pada tanggal 31 Januari 2022.
- Maulana, L. (2017). Kitab Suci dan Hoax: Pandangan Alquran dalam Menyikapi Berita Bohong. *Wawasan: Jurnal Ilmiah Agama Dan Sosial Budaya*, 2(2), 209–222. <https://doi.org/10.15575/jw.v2i2.1678>
- Olsder, G. J. dan van der Woude, J. W., 2004. Mathematical Systems Theory intermediatethird editon. VSSD. Netherland
- Ndii, M. Z., Carnia, M., Supriatna, A. K., 2018. Mathematical Models for the Spread of Rumors: A Review, Issues and Trends in Interdisciplinary Behavior and Social Science.
- Witro, D. (2018). Problematika Hoax di Media Sosial: Telaah Pesan Tabayyun dalam Surat Al-Hujurat/49: 6. *Proceedings of the 3rd BUAF (Borneo Undergraduate Academic Forum)*, 183–190. Kalimantan Tengah,

Indonesia, 17-19 Oktober: Institut Agama Islam Negeri (IAIN) Palangkaraya.

Widowati & Sutimin (2007). *Buku Ajar Pemodelan Matematika*. Semarang: Universitas Diponegoro.

Wiggins, S., 1990. *Introduction to Applied Nonlinear Dynamical Systems and Chaos*.

Zhao, L., Wang, Q., et al. 2012. The impact of authorities' media and rumor dissemination on the evolution of emergency. *Physica A: Statistical Mechanics and its Applications*, 391, 3978-3987.

Zhao, L., Wang, J., Chen, Y., Wang, Q., Cheng, J., Cui, H., 2012. SIHR rumor spreading model in social networks, *Physica A* 391 (7) (2012) 2444–2453.