

## DAFTAR PUSTAKA

- [1] F. Fahrial, “Peranan bank dalam pembangunan ekonomi nasional,” <https://api.semanticscholar.org/CorpusID:191768153>, 2018, accessed: 2025-01-01.
- [2] L. Carpinelli and M. Crosignani, “The effect of central bank liquidity injections on bank credit supply,” Board of Governors of the Federal Reserve System, Tech. Rep. 2017-038, 2017. [Online]. Available: <https://doi.org/10.17016/FEDS.2017.038>
- [3] D. Foos, L. Norden, and M. Weber, “Loan growth and riskiness of banks,” *Journal of Banking Finance*, vol. 34, no. 12, pp. 2929–2940, 2010, international Financial Integration. [Online]. Available: <https://doi.org/10.1016/j.jbankfin.2010.06.007>
- [4] A. N. Berger and C. H. Bouwman, “How does capital affect bank performance during financial crises?” *Journal of Financial Economics*, vol. 109, no. 1, pp. 146–176, 2013. [Online]. Available: <https://doi.org/10.1016/j.jfineco.2013.02.008>
- [5] C. Zheng, A. (Wai Kong) Cheung, and T. Cronje, “The moderating role of capital on the relationship between bank liquidity creation and failure risk,” *Journal of Banking Finance*, vol. 108, p. 105651, 2019. [Online]. Available: <https://doi.org/10.1016/j.jbankfin.2019.105651>
- [6] L. Gambacorta and H. S. Shin, “Why bank capital matters for monetary policy,” *Journal of Financial Intermediation*, vol. 35, pp. 17–29, 2018, banking and regulation: the next frontier. [Online]. Available: <https://doi.org/10.1016/j.jfi.2016.09.005>
- [7] Republik Indonesia, “Undang-undang republik indonesia nomor 21 tahun 2011 tentang otoritas jasa keuangan,” 2011. [Online]. Available: <https://www.ojk.go.id/id/regulasi/otoritas-jasa-keuangan/undang-undang/Documents/UU-Nomor-21-Tahun-2011.pdf>
- [8] Otoritas Jasa Keuangan, “Peraturan Otoritas Jasa Keuangan Nomor 11/POJK.03/2016 tentang Kewajiban Penyediaan Modal Minimum Bank Umum,” Peraturan OJK, 2016, pasal 2 ayat (1). [Online]. Available: [https://www.ojk.go.id/id/regulasi/Documents/Pages/Peraturan-OJK-Nomor-11-POJK.03-2016/pojk\\_11\\_2016.pdf](https://www.ojk.go.id/id/regulasi/Documents/Pages/Peraturan-OJK-Nomor-11-POJK.03-2016/pojk_11_2016.pdf)
- [9] A. Sánchez Serrano, “Banks in an environment of higher interest rates,” *Latin American Journal of Central Banking*, vol. 6, no. 4, p. 100158, 2025. [Online]. Available: <https://doi.org/10.1016/j.latcb.2024.100158>
- [10] W. Widowati and Sutimin, *Pemodelan Matematika: Analisis dan Aplikasinya*. Semarang: Undip Press, 2013.

- [11] M. Turkyilmazoglu, “Solutions to sir/seir epidemic models with exponential series: Numerical and non numerical approaches,” *Computers in Biology and Medicine*, vol. 183, p. 109294, 2024. [Online]. Available: <https://doi.org/10.1016/j.combiomed.2024.109294>
- [12] J. Zhang, Y. Takeuchi, Y. Dong, and Z. Peng, “Modelling the preventive treatment under media impact on tuberculosis: A comparison in four regions of china,” *Infectious Disease Modelling*, vol. 9, no. 2, pp. 483–500, 2024. [Online]. Available: <https://doi.org/10.1016/j.idm.2024.02.006>
- [13] N. Mikos-Nuszkiewicz, P. Furmański, and P. Lapka, “A mathematical model of charging and discharging processes in a thermochemical energy storage reactor using the hydrated potassium carbonate as a thermochemical material,” *Energy*, vol. 263, p. 125642, 2023. [Online]. Available: <https://doi.org/10.1016/j.energy.2022.125642>
- [14] R. Kumbhakar, S. Karmakar, N. Pal, and J. Kurths, “Shrimp-shaped structure and period-bubbling route to chaos in a one-dimensional economic model,” *Chaos: An Interdisciplinary Journal of Nonlinear Science*, vol. 34, no. 10, p. 103115, 2024.
- [15] N. Y. Ashar, M. F. Ansori, and H. K. Fata, “The effects of capital policy on banking loan dynamics: A difference equation approach,” *International Journal of Difference Equations*, vol. 18, no. 1, pp. 267–279, 2023.
- [16] M. F. Ansori, H. Al Jasir, A. H. Sihombing, S. M. Putra, D. A. Nurfaizah, and E. Nurulita, “Assessing the impact of deposit benchmark interest rate on banking loan dynamics,” *Computer Research and Modeling*, vol. 16, no. 4, pp. 1023–1032, 2024. [Online]. Available: <https://doi.org/10.20537/2076-7633-2024-16-4-1023-1032>
- [17] N. Sumarti, R. Nurfitriyana, and W. Nurwenda, “A dynamical system of deposit and loan volumes based on the lotka–volterra model,” in *AIP Conference Proceedings*, vol. 1587, no. 1. American Institute of Physics, 2014, pp. 92–94.
- [18] N. Sumarti and I. Gunadi, “Reserve requirement analysis using a dynamical system of a bank based on monti–klein model of bank’s profit function,” 2013, preprint / arXiv:1306.0468; submitted to *Computers & Mathematics with Applications*. [Online]. Available: <https://arxiv.org/abs/1306.0468>
- [19] M. F. Ansori, N. Y. Ashar, and H. K. Fata, “Logistic map-based banking loan dynamics with central bank policies,” *Journal of Applied Nonlinear Dynamics*, vol. 14, no. 3, pp. 561–574, 2025.

- [20] M. F. Ansori and F. H. Gümüs, “A difference equation of banking loan with nonlinear deposit interest rate,” *Journal of Mathematical Sciences and Modelling*, vol. 7, no. 1, pp. 14–19, 2024.
- [21] M. F. Ansori, “Modelling a banking loan monopoly under tax policies: A piecewise nonlinear map with multiple partitions,” *Preprint submitted to Journal Name*, 2025.
- [22] Republik Indonesia, “Undang-Undang Republik Indonesia Nomor 10 Tahun 1998 tentang Perubahan atas Undang-Undang Nomor 7 Tahun 1992 tentang Perbankan,” Lembaran Negara Republik Indonesia, 1998, IN No. 182 Tahun 1998, TLN No. 3790.
- [23] S. Thedean, “Pengaruh laba bersih, hutang perusahaan ...” *Journal of Social and Economics Research*, vol. 5, no. 2, pp. 1692–1707, 2023.
- [24] S. Banerjee, *Mathematical Modeling: Models, Analysis and Applications*, 2nd ed. Chapman & Hall/CRC, 2021.
- [25] S. Toaha, “Analisis kestabilan model logistik satu populasi dengan tundaan waktu,” *Jurnal Matematika, Statistika dan Komputasi*, vol. 8, no. 2, pp. 131–138, 2012.
- [26] C. Arsene, E. Maginu, and C. Mira, “Bifurcation structures in two-parameter space for unimodal maps in one dimension revisited,” *Chaos, Solitons Fractals*, vol. 180, p. 115957, 2024.
- [27] Widowati, R. H. S. U., and Farikhin, *Kalkulus*. Semarang: UPT UNDIP Press, 2012.
- [28] J. C. Butcher, *Numerical Methods for Ordinary Differential Equations*, 2nd ed. Chichester: John Wiley & Sons, 2008.
- [29] M. Z. Ndi, *Pemodelan Matematika*. Penerbit NEM, 2022.
- [30] S. N. Elaydi, *An Introduction to Difference Equations*, 2nd ed., ser. Undergraduate Texts in Mathematics. Springer, 1999.
- [31] M. W. Hirsch, S. Smale, and R. L. Devaney, *Differential Equations, Dynamical Systems, and an Introduction to Chaos*, second edition ed. Amsterdam: Academic Press, 2004.
- [32] M. F. Ansori, S. Brianzoni, and G. Campisi, “Bifurcations and complex dynamics in a banking duopoly model with macroprudential policy,” *Physica A: Statistical Mechanics and its Applications*, vol. 641, p. 129730, 2024. [Online]. Available: <https://doi.org/10.1016/j.physa.2024.129730>