

DAFTAR PUSTAKA

- [1] S. Brianzoni, G. Campisi, and A. Colasante, “Nonlinear banking duopoly model with capital regulation: The case of Italy,” *Chaos, Solitons & Fractals*, vol. 160, p. 112209, 2022. [Online]. Available: <https://doi.org/10.1016/j.chaos.2022.112209>
- [2] 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>
- [3] C. Glocker, “Reserve requirement and financial stability,” *Journal of International Financial, Markets, Institutions Money*, vol. 71, pp. 1–21, 2021.
- [4] H. Lee, “On the instability of fractional reserve banking,” *European Economic Review*, vol. 178, p. 105111, 2025.
- [5] E. Andreasen and V. Nuguer, “Managing capital inflows in a partially dollarized economy: The role of reserve requirements,” *Journal of International Money and Finance*, vol. 159, p. 103440, 2025.
- [6] M. A. van Wyk and W.-H. Steeb, *Chaos in Electronics*, ser. Mathematical Modelling: Theory and Applications. Dordrecht: Kluwer Academic Publishers, 1997, vol. 2.
- [7] S. Elaydi, *An introduction to Difference Equations*. Springer, 2005.
- [8] G. Romeo, “Microeconomic theory in a static environment,” in *Elements of Numerical Mathematical Economics with Excel: Static and Dynamic Optimization*. Academic Press, 2020, ch. 6, pp. 303–380.
- [9] M. F. Ansori, G. Theotista, and Winson, “Difference equation-based banking loan dynamics with reserve requirement policy,” *International Journal of Difference Equations (IJDE)*, vol. 18, no. 1, pp. 35–48, 2023. [Online]. Available: <https://www.ripublication.com/Volume/ijdev18n1.htm>
- [10] M. F. Ansori and F. H. Gümüş, “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. [Online]. Available: <https://doi.org/10.33187/jmsm.1396368>
- [11] G. A. Pfann, P. C. Schotman, and R. Tschernig, “Nonlinear interest rate dynamics and implications for the term structure,” *Journal of Econometrics*, vol. 74, no. 1, pp. 149–176, 1996.

- [12] Y. Baaziz, M. Labidi, and A. Lahiani, “Does the south african reserve bank follow a nonlinear interest rate reaction function?” *Economic Modelling*, vol. 35, pp. 272–282, 2013.
- [13] R. Brüggemann and J. Riedel, “Nonlinear interest rate reaction functions for the uk,” *Economic Modelling*, vol. 28, no. 3, pp. 1174–1185, 2011.
- [14] P. Indonesia, “Undang-undang republik indonesia nomor 7 tahun 1992 tentang perbankan,” <https://www.ojk.go.id>, accessed: 2025-12-09.
- [15] T. P. Usanti and A. Shomad, *Hukum Perbankan*. Jakarta: Kencana, 2017, 280 halaman.
- [16] D. Herman, *Manajemen Perbankan*. PT Bumi Aksara: Jakarta, 2012.
- [17] M. F. Ansori, “Loan benchmark interest rate in banking duopoly model with heterogeneous expectation,” *Journal of the Indonesian Mathematical Society*, vol. 30, no. 2, pp. 205–217, 2024. [Online]. Available: <https://jims-a.org/index.php/jimsa/article/view/1779>
- [18] B. Indonesia, “Peraturan bank indonesia nomor 11 tahun 2024 tentang pengendalian moneter,” https://peraturan.bpk.go.id/Download/374338/PBI_112024.pdf, accessed: 2025-12-10.
- [19] B. Al-Hdaibat, A. Alameer, R. Ahmed, M. Alosaimi, and M. J. Uddin, “Bifurcation and chaos control in a heterogeneous cournot-bertrand duopoly game model,” *Chaos, Solitons & Fractals*, vol. 190, p. 115757, 2025. [Online]. Available: <https://doi.org/10.1016/j.chaos.2024.115757>
- [20] Z. Liu, J. Li, X. Wang, and C. Liu, “Complex dynamics of a symmetric quantum stackelberg duopoly game model with heterogeneous expectations,” *Physica A: Statistical Mechanics and its Applications*, vol. 657, p. 131073, 2025. [Online]. Available: <https://doi.org/10.1016/j.physa.2025.131073>
- [21] Y. Peng and Q. Lu, “Complex dynamics analysis for a duopoly stackelberg game model with bounded rationality,” *Applied Mathematics and Computation*, vol. 271, pp. 259–268, 2015. [Online]. Available: <https://doi.org/10.1016/j.amc.2015.08.138>
- [22] P. N. V. Tu, *Dynamical Systems: An Introduction with Applications in Economics and Biology*, 2nd ed. Berlin, Heidelberg: Springer-Verlag, 1994.
- [23] R. E. Mickens, *Difference Equations: Theory, Applications and Advanced Topics*, 3rd ed. Boca Raton, FL: CRC Press, 2015.

- [24] E. Ott, *Chaos in Dynamical Systems*, 2nd ed. Cambridge: Cambridge University Press, 2002.
- [25] J. Hale and H. Kocak, *Dynamics and Bifurcation*. New York: Springer-Verlag, 1996.
- [26] L. Fanti, “The dynamics of a banking duopoly with capital regulations,” *Economic Modelling*, vol. 37, pp. 340–349, 2014. [Online]. Available: <https://doi.org/10.1016/j.econmod.2013.11.010>
- [27] M. F. Ansori and S. Hariyanto, “Analysis of banking deposit cost in the dynamics of loan: Bifurcation and chaos perspectives,” *BAREKENG: Journal of Mathematics and Its Application*, vol. 16, no. 4, pp. 1283–1292, 2022. [Online]. Available: <https://doi.org/10.30598/barekengvol16iss4pp1283-1292>
- [28] K. T. Alligood, T. D. Sauer, and J. A. Yorke, *Chaos: An Introduction to Dynamical Systems*, ser. Textbooks in Mathematical Sciences. New York: Springer-Verlag, 1996.
- [29] A. Rahman and D. Blackmore, “Neimark–sacker bifurcations and evidence of chaos in a discrete dynamical model of walkers,” *Chaos, Solitons & Fractals*, vol. 91, pp. 339–349, 2016. [Online]. Available: <https://doi.org/10.1016/j.chaos.2016.06.016>
- [30] F. Tramontana, “Heterogeneous duopoly with isoelastic demand function,” *Economic Modelling*, vol. 27, no. 1, pp. 350–357, 2010. [Online]. Available: <https://doi.org/10.1016/j.econmod.2009.10.002>
- [31] M. Vogl, “Controversy in financial chaos research and nonlinear dynamics: A short literature review,” *Chaos, Solitons & Fractals*, vol. 162, p. 112444, 2022. [Online]. Available: <https://doi.org/10.1016/j.chaos.2022.112444>
- [32] G. Benettin, L. Galgani, A. Giorgilli, and J.-M. Strelcyn, “Lyapunov characteristic exponents for smooth dynamical systems and for hamiltonian systems; a method for computing all of them. part 1: Theory,” *Meccanica*, vol. 15, no. 1, pp. 9–20, 1980.
- [33] M. Sandri, “Numerical calculation of lyapunov exponents,” *The Mathematica Journal*, vol. 6, no. 2, pp. 78–84, 1996.
- [34] 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.

- [35] A. Sorokin and I. Goryanin, “Fba-prcc. partial rank correlation coefficient (prcc) global sensitivity analysis (gsa) in application to constraint-based models,” *Biomolecules*, vol. 13, no. 3, p. 500, 2023. [Online]. Available: <https://doi.org/10.3390/biom13030500>
- [36] L. Fanti, L. Gori, and M. Sodini, “Nonlinear dynamics in a cournot duopoly with isoelastic demand,” *Physica A: Statistical Mechanics and its Applications*, vol. 391, no. 4, pp. 1469–1478, 2012. [Online]. Available: <https://doi.org/10.1016/j.physa.2011.08.068>
- [37] E. Dalla and E. Varelas, “Regulation and oligopoly in banking: The role of banking cost structure,” *International Journal of Finance & Economics*, vol. 28, no. 2, pp. 2154–2169, 2023.