DAFTAR PUSTAKA

[1] M. Edey, "The global financial crisis and its effects," *Economic Papers: A Journal of Applied Economics and Policy*, vol. 28, no. 3, pp. 186–195, 2009, doi:10.1111/j.1759-3441.2009.00032.x.

[2] M. K. Brunnermeier, "Deciphering the liquidity and credit crunch 2007–2008," *Journal of Economic Perspectives*, vol. 23, no. 1, pp. 77–100, 2009, doi:10.1257/jep.23.1.77.

[3] C. Borio, "Implementing a macroprudential framework: Blending boldness and realism," *Capitalism and Society*, vol. 6, no. 1, pp. 1–23, 2011.

[4] V. V. Acharya, "A theory of systemic risk and design of prudential bank regulation," *Journal of Financial Stability*, vol. 5, no. 3, pp. 224–255, 2009.

[5] Basel Committee on Banking Supervision, "Basel III: The Net Stable Funding Ratio," Bank for International Settlements, Basel, Swiss, Tech. Rep., Oct. 2014. [Online]. Available: https://www.bis.org/bcbs/publ/d295.pdf

[6] Otoritas Jasa Keuangan, "Peraturan Otoritas Jasa Keuangan Nomor 20 Tahun 2024 tentang Kewajiban Pemenuhan Rasio Pendanaan Stabil Bersih (Net Stable Funding Ratio) bagi Bank Umum," Otoritas Jasa Keuangan, Jakarta, Indonesia, Tech. Rep., 2024.

[7] ——, "Peraturan Otoritas Jasa Keuangan Nomor 50/POJK.03/2017 tentang Kewajiban Pemenuhan Rasio Pendanaan Stabil Bersih (Net Stable Funding Ratio) bagi Bank Umum," Otoritas Jasa Keuangan, Jakarta, Indonesia, Tech. Rep., 2017.

[8] M. F. Ansori, N. Sumarti, K. A. Sidarto, I. Gunadi, and F. H. Gümüş, "Mathematical model of bank balance sheet with a macroprudential instrument and its application to banking data," *Mathematical Methods in the Applied Sciences*, vol. 48, no. 18, pp. 16 789–16 803, 2025, doi:10.1002/mma.70127.

[9] J. Kennedy and R. Eberhart, "Particle swarm optimization," in *Proceedings of ICNN'95 — International Conference on Neural Networks*, vol. 4. Perth, Australia: IEEE, 1995, pp. 1942–1948, doi:10.1109/ICNN.1995.488968.

[10] D. Freitas, L. G. Lopes, and F. Morgado-Dias, "Particle swarm optimisation: A historical review up to the current developments," *Entropy*, vol. 22, no. 3, p. 362, 2020, doi:10.3390/e22030362.

[11] Y.-x. Zheng and Y. Liao, "Parameter identification of nonlinear dynamic systems using an improved particle swarm optimization," *Optik*, vol. 127, no. 17, pp. 7865–7874, 2016, doi:10.1016/j.ijleo.2016.05.145.

[12] S. Redjeki, *Diktat Kuliah MA2271 Metoda Matematika*. Bandung, Indonesia: Fakultas Matematika dan Ilmu Pengetahuan Alam, Institut Teknologi Bandung, 2009.

[13] W. E. Boyce and R. C. DiPrima, *Elementary Differential Equations and Boundary Value Problems*, 7th ed. New York, NY, Amerika Serikat: John Wiley & Sons, 2000.

[14] G. C. Layek, *An Introduction to Dynamical Systems and Chaos*. New Delhi, India: Springer, 2015, doi:10.1007/978-81-322-2556-0.

[15] M. A. Savi, "Nonlinear dynamics and chaos," in *Dynamics of Smart Systems and Structures: Concepts and Applications*, V. Lopes Jr., V. Steffen Jr., and M. A. Savi, Eds. Cham, Swiss: Springer, 2016, pp. 93–117, doi:10.1007/978-3-319-29982-2_5.

[16] K. T. Alligood, T. D. Sauer, and J. A. Yorke, *Chaos: An Introduction to Dynamical Systems*, ser. Textbooks in Mathematical Sciences. New York, NY, Amerika Serikat: Springer, 1996, doi:10.1007/978-3-642-59281-2.

[17] M. W. Hirsch, S. Smale, and R. L. Devaney, *Differential Equations, Dynamical Systems, and an Introduction to Chaos*, 3rd ed. Waltham, MA, Amerika Serikat: Academic Press, 2013, doi:10.1016/C2009-0-61160-0.

[18] S. H. Strogatz, *Nonlinear Dynamics and Chaos: With Applications to Physics, Biology, Chemistry, and Engineering*, 3rd ed. Boca Raton, FL, Amerika Serikat: CRC Press, 2024, doi:10.1201/9780429398490.

[19] F. Brauer and C. Castillo-Chavez, *Mathematical Models in Population Biology and Epidemiology*, 2nd ed., ser. Texts in Applied Mathematics. New York, NY, Amerika Serikat: Springer, 2012, vol. 40, doi:10.1007/978-1-4614-1686-9.

[20] R. J. Hyndman and A. B. Koehler, "Another look at measures of forecast accuracy," *International Journal of Forecasting*, vol. 22, no. 4, pp. 679–688, 2006, doi:10.1016/j.ijforecast.2006.03.001.

[21] J. J. Montaño Moreno, A. Palmer Pol, A. Sesé Abad, and B. Cajal Blasco, "Using the R-MAPE index as a resistant measure of forecast accuracy," *Psicothema*, vol. 25, no. 4, pp. 500–506, 2013, doi:10.7334/psicothema2013.23. [Online]. Available: https://www.psicothema.com/pdf/4144.pdf

[22] S. Lenhart and J. T. Workman, *Optimal Control Applied to Biological Models*, ser. Chapman & Hall/CRC Mathematical and Computational Biology Series. Boca Raton, FL, Amerika Serikat: Chapman & Hall/CRC, 2007, doi:10.1201/9781420011418.

[23] R. G. Bartle and D. R. Sherbert, *Introduction to Real Analysis*, 4th ed. Hoboken, NJ, Amerika Serikat: John Wiley & Sons, 2011.

[24] H. K. Khalil, *Nonlinear Systems*, 3rd ed. Upper Saddle River, NJ, Amerika Serikat: Prentice Hall, 2002.

[25] J. B. Fraleigh, *A First Course in Abstract Algebra*, 7th ed. Boston, MA, Amerika Serikat: Addison Wesley, 2003.

[26] W. Rudin, *Principles of Mathematical Analysis*, 3rd ed., ser. International Series in Pure and Applied Mathematics. New York, NY, Amerika Serikat: McGraw-Hill, 1976.

[27] N. Cetorelli, B. H. Mandel, and L. Mollineaux, "The evolution of banks and financial intermediation: Framing the analysis," *Federal Reserve Bank of New York Economic Policy Review*, vol. 18, no. 2, pp. 1–12, 2012.

[28] G. Rule, "Understanding the central bank balance sheet," Centre for Central Banking Studies, Bank of England, London, Inggris, Tech. Rep. Handbook No. 32, 2015. [Online]. Available: https://www.bankofengland.co.uk/-/media/boe/files/ccbs/resources/understanding-the-central-bank-balance-sheet.pdf

[29] Basel Committee on Banking Supervision, "Basel III: A Global Regulatory Framework for More Resilient Banks and Banking Systems," Bank for International Settlements, Basel, Swiss, Tech. Rep., Jun. 2011. [Online]. Available: https://www.bis.org/publ/bcbs189.pdf

[30] Otoritas Jasa Keuangan, "Statistik Perbankan Indonesia," Otoritas Jasa Keuangan, Jakarta, Indonesia, Tech. Rep., 2025, Data bulanan periode Oktober 2021 sampai Juni 2025. [Online]. Available: https://www.ojk.go.id/id/kanal/perbankan/data-dan-statistik/statistik-perbankan-indonesia/

[31] ——, "Peraturan Otoritas Jasa Keuangan Nomor 12/POJK.03/2021 tentang Bank Umum," Otoritas Jasa Keuangan, Jakarta, Indonesia, Tech. Rep., 2021.

[32] R. C. Eberhart and Y. Shi, "Particle swarm optimization: Developments, applications and resources," in *Proceedings of the 2001 Congress on Evolutionary Computation*, vol. 1. Seoul, Korea Selatan: IEEE, 2001, pp. 81–86, doi:10.1109/CEC.2001.934374.

[33] Bank Indonesia, "Peraturan Bank Indonesia Nomor 15/7/PBI/2013 tentang Perubahan Kedua atas Peraturan Bank Indonesia Nomor 10/13/PBI/2008 tentang Giro Wajib Minimum Bank Umum dalam Rupiah dan Valuta Asing bagi Bank Umum Konvensional," Bank Indonesia, Jakarta, Indonesia, Tech. Rep., 2013, Pasal 10.