

DAFTAR PUSTAKA

- [1] P. W. Sauer, M. A. Pai, and J. H. Chow, *Power System Dynamics and Stability With Synchrophasor Measurement and Power System Toolbox*, Second Edi. New Delhi, India: IEEE Press, 2018.
- [2] A. P. Suharto, Imam Robandi, “Penalaan Power System Stabilizer (PSS) Perbaikan Stabilitas Dinamik pada Sistem Tenaga Listrik Menggunakan Bat Algorithm (BA),” *J. Tek. ITS Vol. 4, No. 1, ISSN 2337-3539*, vol. 4, no. 1, pp. 4–9, 2015.
- [3] E. Solihin, M. Yuhendri, R. Risfendra, and A. Aslimeri, “Analisis Kestabilan Dinamik Pada Sistem Single Machine Infinite Bus,” *JTEV (Jurnal Tek. Elektro dan Vokasional)*, vol. 7, no. 2, p. 210, 2021, doi: 10.24036/jtev.v7i2.113110.
- [4] P.S.R. Murty, *Power Systems Analysis*, Second. Elsevier Ltd., 2017. doi: <https://doi.org/10.1016/B978-0-08-101111-9.00015-X>.
- [5] W. Martiningsih, I. Inawati, and H. Haryanto, “Perbaikan Kestabilan Dinamik Pada Sistem Tenaga Menggunakan Kontrol Gain Avr Pss,” *Setrum Sist. Kendali-Tenaga-elektronika-telekomunikasi-komputer*, vol. 3, no. 2, p. 118, 2019, doi: 10.36055/setrum.v3i2.5132.
- [6] A. S. V. V. Lakshmi, M. S. Kumar, and M. R. Raju, “Optimal Robust PID-PSS Design for Melioration of Power System Stability Using Search and Rescue Algorithm,” *J. Control. Autom. Electr. Syst.*, vol. 32, no. 4, pp. 968–982, 2021, doi: 10.1007/s40313-021-00720-1.
- [7] A. Sabo, T. E. Odoh, and N. I. A. Wahab, “Artificial Eco-System-Based Optimization Algorithm for Optimal Design of Single-Machine Infinite Bus and Multi-Machine Power System Stabilizers,” *Electrica*, vol. 23, no. 3, pp. 522–533, 2023, doi: 10.5152/electrica.2023.22228.
- [8] A. Ma’arif, *Dasar Sistem Kendali Pemodelan, Pengendalian, Analisis, Simulasi dan Implementasi*, no. April. Yogyakarta: UAD Press, 2021.
- [9] O. P. M. Prabha S. Kundur, “Power System Stability And Control by Prabha Kundur.pdf,” *McGraw-Hill, Inc.* 1994.
- [10] J. Ritonja, M. Petrun, J. Cernelic, R. Brezovnik, and B. Polajzer, “Analysis and Applicability of Heffron-Phillips Model,” *Elektron. ir Elektrotehnika*, vol. 22, no. 4, pp. 3–10, 2016, doi: 10.5755/J01.EIE.22.4.15905.
- [11] P. M. Anderson and A. A. Fouad, *Power system control and stability*, Second., vol. 67, no. 8. Wiley-IEEE Press, 2003. doi: 10.1109/proc.1979.11425.
- [12] W. G. Heffron and R. A. Phillips, “Effect of a Modern Amplidyne Voltage Regulator on Underexcited Operation of Large Turbine Generators,” *Trans. Am. Inst. Electr. Eng. Part III Power Appar. Syst.*, vol. 71, no. 1, pp. 692–697, 1952, doi: 10.1109/AIEEPAS.1952.4498530.
- [13] L. M. Hajagos and M. J. Basler, *Changes to IEEE 421.5 recommended practice for excitation system models for power system stability studies*, vol. 1. 2016. doi: 10.1109/pes.2005.1489146.
- [14] M. Eremia and M. Shahidehpour, *Handbook of Electrical Power System*

- Dynamics: Modeling, Stability, and Control.* IEEE Press, 2013. doi: 10.1002/9781118516072.
- [15] Y. H. Ku, *Electric power system dynamics*, vol. 321, no. 3. 1986. doi: 10.1016/0016-0032(86)90010-4.
 - [16] F. A. Savacl and S. Yilmaz, “Controlling the Rotor Angle Stability of Single Machine Infinite Bus System in the Presence of Wiener and Alpha-Stable Levy Type Power Fluctuations,” *Fluct. Noise Lett.*, vol. 19, no. 4, pp. 1–13, 2020, doi: 10.1142/S0219477520500364.
 - [17] K. Himaja, S. Gangishetti, and S. T. Kalyani, “Dynamic Stability Analysis of SMIB System with PSS, LQR and ROOC,” *Proc. 2021 2nd Int. Conf. Intell. Eng. Manag. ICIEM 2021*, no. 2, pp. 199–204, 2021, doi: 10.1109/ICIEM51511.2021.9445364.
 - [18] M. Shafiullah, M. J. Rana, and M. A. Abido, “Power system stability enhancement through optimal design of PSS employing PSO,” *4th Int. Conf. Adv. Electr. Eng. ICAEE 2017*, vol. 2018-Janua, pp. 26–31, 2017, doi: 10.1109/ICAEE.2017.8255321.
 - [19] M. A. H. Pramanik, T. K. Roy, M. S. Anower, S. K. Ghosh, and M. A. Mahmud, “Partial Feedback Linearizing Backstepping Excitation Controller for a Synchronous Generator in a Simple Power System to Improve the Transient Stability,” *Conf. Rec. - IAS Annu. Meet. (IEEE Ind. Appl. Soc.)*, vol. 2021-Octob, 2021, doi: 10.1109/IAS48185.2021.9677294.
 - [20] H. D. Laksono, *Sistem Kendali*. Padang: Graha Ilmu, 2014.
 - [21] K. Ogata, *Modern control engineering*, Fifth. PEARSON, 2017. doi: 10.1201/9781315214573.
 - [22] H. D. Laksono, *SISTEM KENDALI DENGAN PID (Pendekatan Tanggapan Frekuensi)*, vol. 7, no. 2. Padang: LPPM Universitas Andalas, 2022. [Online]. Available: https://www.researchgate.net/publication/363255808_SISTEM_KENDALI_DENGAN_PID_Pendekatan_Tanggapan_Frekuensi
 - [23] H. D. Laksono, F. Retno Ningsih, and Fitriolina, “Simulasi dan Analisa Sistem Kendali Frekuensi Tenaga Listrik Dengan Pilot Servo dan Kombinasi Pengendali Model Standar (Model Hidraulik),” *J. Amplif. J. Ilm. Bid. Tek. Elektro Dan Komput.*, vol. 13, no. 1, pp. 1–9, 2023, doi: 10.33369/jamplifier.v13i1.27591.
 - [24] M. Shafiullah, M. J. Rana, L. S. Coelho, M. A. Abido, and A. Al-Subhi, “Designing lead-lag PSS employing backtracking search algorithm to improve power system damping,” *2017 9th IEEE-GCC Conf. Exhib. GCCCE 2017*, pp. 1–9, 2018, doi: 10.1109/IEEEGCC.2017.8447921.
 - [25] P. Mishra, V. Kumar, and K. P. S. Rana, “An efficient method for parameter estimation of a nonlinear system using Backtracking Search Algorithm,” *Eng. Sci. Technol. an Int. J.*, vol. 21, no. 3, pp. 338–350, 2018, doi: 10.1016/j.jestch.2018.03.009.
 - [26] T. J. T. Hashim and A. Mohamed, “Coordinated and Optimal Voltage Control in Active Distribution Networks using Fuzzy Logic and Backtracking Search Algorithm,” *Warse*, vol. 9, pp. 638–645, 2020, doi: <https://doi.org/10.30534/ijatcse/2020/8991.42020>.
 - [27] B. Selma, S. Chouraqui, and B. Selma, “A Genetic Algorithm-Based Neuro-Fuzzy Controller for Unmanned Aerial Vehicle Control,” *Int. J. Appl.*

- Metaheuristic Comput.*, vol. 13, no. 1, pp. 1–23, 2022, doi: 10.4018/ijamc.292505.
- [28] M. Shafiullah *et al.*, “Backtracking Search Algorithm for PV Module Electrical Parameter Estimation,” *2021 1st Int. Conf. Artif. Intell. Data Anal. CAIDA 2021*, pp. 188–193, 2021, doi: 10.1109/CAIDA51941.2021.9425196.

