DAFTAR PUSTAKA

[1]   A. D. Orizasatifa, "Simulasi Dan Analisa Sistem Automatic Voltage Regulator Tipe Arus Searah Dengan Kombinasi Pengendali," Universitas Andalas, 2023.

[2]   H. D. Laksono, "Analisa Peralihan Tanggapan Tegangan Sistem Automatic Voltage Regulator (AVR) Tipe Arus Searah Dengan Pengendali 2 Derjat Kebebasan," *J. Amplif. J. Ilm. Bid. Tek. Elektro Dan Komput.*, vol. 11, no. 1, pp. 1–7, 2021, doi: 10.33369/jamplifier.v11i1.15645.

[3]   P. M. Patil and D. S. K. Patil, "Automatic Voltage Regulator," *Int. Conf. Emerg. Trends Inf. Technol. Eng. ic-ETITE 2020*, pp. 1–5, 2020, doi: 10.1109/ic-ETITE47903.2020.476.

[4]   E. Kose, "Optimal Control of AVR System with Tree Seed Algorithm-Based PID Controller," *IEEE Access*, vol. 8, pp. 89457–89467, 2020, doi: 10.1109/ACCESS.2020.2993628.

[5]   A. Sikander and P. Thakur, "A new control design strategy for automatic voltage regulator in power system," *ISA Trans.*, vol. 100, no. xxxx, pp. 235–243, 2020, doi: 10.1016/j.isatra.2019.11.031.

[6]   M. Z. Mohd Tumari, M. A. Ahmad, M. H. Suid, and M. R. Hao, "An Improved Marine Predators Algorithm-Tuned Fractional-Order PID Controller for Automatic Voltage Regulator System," *Fractal Fract.*, vol. 7, no. 7, 2023, doi: 10.3390/fractalfract7070561.

[7]   M. F. Ramadhan, "Analisa Sistem Kendali Automatic Voltage Regulator Tipe Arus Searah dengan Metode PIDTune Model Paralel dan PIDTune Model Standard," Universitas Andalas, 2022.

[8]   E. A. Gunawan, "Analisa Sistem Kendali Automatic Voltage Regulator Tipe Arus Searah Dengan Pengendali Tunggal Dan Pengendali Kaskade," Universitas Andalas, 2021.

[9]   G. A. Putra, "Analisis Domain Waktu Dan Kestabilan Sistem Kendali Automatic Voltage Regulator Dengan Kombinasi Pengendali Pada Konfigurasi Dua Derajat Kebebasan," Universitas Andalas, 2024.

[10]   A. M. Prasetia, L. Sartika, and A. Ma'ruf, "Penggunaan Pid Pada Automatic Voltage Regulator (Avr) Untuk Kestabilan Tegangan Terminal Generator Sinkron 3 Fasa," *Elektr. Borneo*, vol. 9, no. 2, pp. 55–59, 2023, doi: 10.35334/eb.v9i2.4372.

[11]   V. Salamena, "Analisis Penentuan Konstanta Pengendali PID

Menggunakan Garis Singgung Metode Ziegler-Nichols I pada Kurva Tanggapan Keluaran Plant," *J. Simetrik*, vol. 10, no. 2, pp. 333–343, 2021, doi: 10.31959/js.v10i2.441.

[12]   I. Eke, M. Saka, H. Gozde, Y. Arya, and M. C. Taplamacioglu, "Heuristic optimization based dynamic weighted state feedback approach for 2DOF PI-controller in automatic voltage regulator," *Eng. Sci. Technol. an Int. J.*, vol. 24, no. 4, pp. 899–910, 2021, doi: 10.1016/j.jestch.2020.12.023.

[13]   F. Sari and A. Darwanto, "Analisis Sistem Eksitasi Pada Generator Pararel Terhadap Daya Reaktif," *J. Teknol.*, vol. 14, no. 1, pp. 10–19, 2021, doi: 10.34151/jurtek.v14i1.3276.

[14]   Q. Duan and Y. Zhang, "Analysis and implementation of series excitation DC motor control system," vol. 2020, pp. 144–147, 2020, doi: 10.1109/ITAIC49862.2020.9338887.

[15]   A. Zulhakim, Y. S. Handayani, and I. Priyadi, "Pengaruh Sistem Eksitasi Terhadap Generator Sinkron Tiga Fasa Di Unit 1 PT. PLN Indonesia Power ULPL TA Musi," *Teknosia*, vol. 17, no. 1, pp. 1–12, 2023, doi: 10.33369/teknosia.v17i1.28708.

[16]   S. K. Verma and R. Devarapalli, "Fractional order PIλDμ controller with optimal parameters using Modified Grey Wolf Optimizer for AVR system," *Arch. Control Sci.*, vol. 32, no. 2, pp. 429–450, 2022, doi: 10.24425/acs.2022.141719.

[17]   M. Irhas, Iftitah, and S. A. A. Ilham, "PENGGUNAAN KONTROL PID DENGAN BERBAGAI METODE UNTUK ANALISIS PENGATURAN KECEPATAN MOTOR DC," *J. Fis. DAN Ter.*, vol. 7, no. 1, pp. 78–86, 2020.

[18]   Ridho Dwiki Adrian, "Perancangan Dan Analisis Pengendali Proportional Integral Derivative (PID) Pada Rotary Inverted Pendulum Dengan Dua Derajat Kebebasan," Universitas Andalas, 2020.

[19]   F. Ahcene and H. Bentarzi, "Automatic Voltage Regulator Design Using Particle Swarm Optimization Technique," *2020 Int. Conf. Electr. Eng. ICEE 2020*, no. 1, pp. 0–5, 2020, doi: 10.1109/ICEE49691.2020.9249789.

[20]   B. Ozgenc, M. Sinasi Ayas, and I. H. Altas, "A Hybrid Optimization Approach to Design Optimally Tuned PID Controller for an AVR System," *HORA 2020 - 2nd Int. Congr. Human-Computer Interact. Optim. Robot. Appl. Proc.*, pp. 2–6, 2020, doi: 10.1109/HORA49412.2020.9152898.

[21]   S. Oladipo, Y. Sun, and Z. Wang, "Optimization of FOPID controller with hybrid Particle Swarm and Grey Wolf optimization for AVR System,"

Proc. - 2020 12th Int. Conf. Comput. Intell. Commun. Networks, CICN 2020, pp. 273–279, 2020, doi: 10.1109/CICN49253.2020.9242641.

[22]   M. F. Cells, "Optimization / Genetic Algorithm (PSO / GA) in a DC / DC Converter for Improving the Performance of Proton-Exchange," 2024.