

DAFTAR REFERENSI

- Abergel, T., Bunsen, T., Gorner, M., Leduc, P., & Pal, S. (2020). Global EV Outlook 2020. In *Global EV Outlook 2020*. OECD. <https://doi.org/10.1787/d394399e-en>
- Agustin, M. R. (2014). *Pengendalian Kecepatan Motor dengan Metode PI pada ALtivar Bebas PLC Scheneider M340*.
- Anugrah, R. F. (2020). Kontrol Kecepatan Motor Brushless DC Menggunakan Six Step Comutation Dengan Kontrol PI (Propotional Integral Derivative). *Jurnal Teknik Elektro Dan Komputer TRIAC*, 7(2), 57–63. <https://doi.org/10.21107/triac.v7i2.7923>
- Anwari, S. (2002). *Design of PI Controller for Angular Velocity Control of Brushed DC Motor plus Neuro Adaptive Control*. 35–40.
- Ardiansyah, M. D., & Rohman, F. (2019). IMPLEMENTASI DAN ANALISIS KENDALI KECEPATAN PADA MOTOR BLDC 1 KW TANPA BEBAN MENGGUNAKAN ALGORITMA PI. *JURNAL ELTEK*, 17(2), 81–93. <http://eltek.polinema.ac.id/index.php/eltek/article/view/160>
- Bhat, V. S., Kumar, V., Dayanand, N., Shettigar, A., & Nikhitha. (2020). Comparative study of PI control algorithms for an electric vehicle. *AIP Conference Proceedings*, 2236, 1–12. <https://doi.org/10.1063/5.0006827>
- Chiu, C., Chen, Y., Liang, Y., & Liang, R. (2010). *Optimal Driving Efficiency Design for the Single-Phase Brushless DC Fan Motor*. 46(4), 1123–1130.
- Ermansyah, S. D. (2016). *IMPLEMENTASI SYSTEM VOICE RECOGNITION DAN ROTARY ENCODER PADA MOBILE ROBOT SEBAGAI SISTEM NAVIGASI DAN PERHITUNGAN POSISI ROBOT*.
- Irawan, D., & Perdana SS, P. (2020). Kontrol Motor Brushless DC (BLDC) Berbasis Algoritma AI - PI. *Jurnal Teknik Elektro Dan Komputasi (ELKOM)*, 2(1), 41–48. <https://doi.org/10.32528/elkom.v2i1.3146>
- Jacob, M., & Aishwarya, V. (2016). Sensorless brushless DC motor drive fed by

- Cuk converter. *2016 International Conference on Circuit, Power and Computing Technologies (ICCPCT)*, 1–7.
<https://doi.org/10.1109/ICCPCT.2016.7530108>
- JSUMO. (n.d.). *A2212 1400KV Outrunner Brushless Motor*. 2–3.
<https://www.jsumo.com/a2212-1400kv-outrunner-brushless-motor>
- Jufri, A. (2016). Rancang Bangun dan Implementasi Kunci Pintu Elektronik Menggunakan Arduino dan Android. *STT STIKMA International*, 7(1), 40–51.
- Kim, K.-H., & Youn, M.-J. (2002). Performance comparison of PWM inverter and variable DC link inverter schemes for high-speed sensorless control of BLDC motor. *Electronics Letters*, 38(21), 1294. <https://doi.org/10.1049/el:20020848>
- Kim, S.-H. (2017). Brushless direct current motors. In *Electric Motor Control* (pp. 389–416). Elsevier. <https://doi.org/10.1016/B978-0-12-812138-2.00010-6>
- Liun, E. (2018). Dampak Peralihan Massal Transportasi Jalan Raya Ke Mobil Listrik. *Jurnal Pengembangan Energi Nuklir*, 19(2), 113.
<https://doi.org/10.17146/jpen.2017.19.2.4075>
- Nurchahyana, H. A., Guruh, B., & Pudji, A. (2015). Tas Travel Darah. *Poltekkes*, 1(1), 1–8.
- Nyoman Wahyu Satiawan, I., & Bagus Fery Citarsa, I. (2018). *DESAIN BUCK CONVERTER UNTUK CHARGING BATERE PADA BEBAN BERVARIASI*
Buck Converter Design For Battery Charging On Various Loads. 5(1), 30–35.
- Pawar, S. B., Kumbhar, N., & Diwan, S. P. (2017). Single ended primary inductance converter based control of BLDC motor drive. *2017 International Conference on Intelligent Computing, Instrumentation and Control Technologies (ICICICT)*, 2018-Janua, 1005–1009.
<https://doi.org/10.1109/ICICICT1.2017.8342704>
- Prasetyo, H. F., Rohman, A. S., Hariadi, F. I., & Hindersah, H. (2017). Controls of BLDC motors in electric vehicle testing simulator. *Proceedings of the 2016 6th International Conference on System Engineering and Technology, ICSET 2016*, 173–178. <https://doi.org/10.1109/FIT.2016.7857560>

- Pratama, F., & Endryansyah. (2018). Rancang Bangun Pengendalian Kecepatan Brushless Dc Motor Tipe a2212/10T 1400 Kv Menggunakan Kontroler Pi Berbasis Labview. *Jurnal Teknik Elektro*, 7(03), 157–166.
- Prima, D. J. (2015). *Pengendalian Motor Listrik DC Berbasis Arduino Dengan Antarmuka Simulink Matlab*.
- Purbowaskito, W., & Hsu, C.-H. (2017). Sistem Kendali PI untuk Pengendalian Kecepatan Motor Penggerak Unmanned Ground Vehicle untuk Aplikasi Industri Pertanian. *JURNAL INFOTEL*, 9(4), 376. <https://doi.org/10.20895/infotel.v9i4.253>
- Putra, S. N. (2013). *SISTEM KENDALI PROPORTIONAL INTEGRAL DERIVATIVE KECEPATAN MOTOR BRUSHLESS DC DENGAN SENSOR SISTEM KENDALI PROPORTIONAL INTEGRAL DERIVATIVE KECEPATAN MOTOR BRUSHLESS DC DENGAN SENSOR*.
- Rashid, M. H. (2014). *Power Electronics Devices, Circuits & Applications 4/E*.
- Rice, R. C. (2010). *PI Tuning Guide A Best-Practices Approach to Understanding and Tuning PI Controllers First Edition Technical Contributions from: Also Introducing: Simplifying PI Control, Optimizing Plant Performance*.
- Setiawan, I. (2008). *KONTROL PI UNTUK PROSES INDUSTRI*.
- Setyawan, G. E., Setiawan, E., & Kurniawan, W. (2015). Sistem Kendali Ketinggian Quadcopter Menggunakan PI. *Jurnal Teknologi Informasi Dan Ilmu Komputer*, 2(2), 125. <https://doi.org/10.25126/jtiik.201522144>
- Sihombing, B. (2020). *PENGATURAN KECEPATAN MOTOR BRUSHLESS DC DENGAN PI MENGGUNAKAN METODE ROOT LOCUS*.
- Singh, B., & Bist, V. (2015). A BL-CSC Converter-Fed BLDC Motor Drive With Power Factor Correction. *IEEE Transactions on Industrial Electronics*, 62(1), 172–183. <https://doi.org/10.1109/TIE.2014.2327551>
- Thowil Afif, M., & Ayu Putri Pratiwi, I. (2015). Analisis Perbandingan Baterai Lithium-Ion, Lithium-Polymer, Lead Acid dan Nickel-Metal Hydride pada

Penggunaan Mobil Listrik - Review. *Jurnal Rekayasa Mesin*, 6(2), 95–99.
<https://doi.org/10.21776/ub.jrm.2015.006.02.1>

Wahono, T., & Sutikno, T. (2016). Skema Pengendali Motor BLDC Tanpa Sensor Posisi Rotor dengan Metode Deteksi Back EMF Berbasis Mikrokontroler Arduino. *Jurnal Ilmiah Teknik Elektro Komputer Dan Informatika*, 2(2), 69.
<https://doi.org/10.26555/jiteki.v2i2.5372>

Zhao, J., & Yu, Y. (2011). *Brushless DC Motor Fundamentals Brushless DC Motor Fundamentals Application Note*. www.MonolithicPower.com