

DAFTAR PUSTAKA

- [1] J. C. Gamazo-Real, E. Vázquez-Sánchez, and J. Gómez-Gil, "Position and speed control of brushless dc motors using sensorless techniques and application trends," *Sensors*, vol. 10, no. 7, pp. 6901–6947, Jul. 2010, doi: 10.3390/s100706901.
- [2] T. Wahono and T. Sutikno, "Skema Pengendali Motor BLDC Tanpa Sensor Posisi Rotor dengan Metode Deteksi Back EMF Berbasis Mikrokontroler Arduino," *Jurnal Ilmiah Teknik Elektro Komputer dan Informatika*, vol. 2, no. 2, p. 69, Dec. 2016, doi: 10.26555/jiteki.v2i2.5372.
- [3] S. Wanto *et al.*, "Peredaman Noise pada Deteksi BEMF Motor BLDC Sensorless Menggunakan Digital Filter," *Jurnal Inovtek Seri Elektro*, vol. 3, no. 3, p. 2021.
- [4] A. R. Hakim, "Desain dan Implementasi Inverter Tiga Fasa dalam Pengendalian Motor Brushless DC Sensorless dengan Metode Deteksi Tegangan Back-EMF pada Pesawat Tanpa Awak," Tugas Akhir, Institut Teknologi Sepuluh Nopember, Surabaya, 2019.
- [5] M. H. A. As-Salaf, "Simulasi Pengaturan Kecepatan Motor BLDC menggunakan Software PSIM," *Journal MIND Journal*, vol. 6, no. 1, pp. 103–117, 2021, doi: 10.26760/mindjournal.v6i1.103.
- [6] E. Fullbridge *et al.*, "ESC Fullbridge 3 Fasa Motor BLDC Berdaya Besar Menggunakan Kontroler Arduino," vol. 5, pp. 35–40, Jul. 2022.
- [7] A. Sikora and M. Woźniak, "Impact of current pulsation on BLDC motor parameters," *Sensors (Switzerland)*, vol. 21, no. 2, pp. 1–18, Jan. 2021, doi: 10.3390/s21020587.
- [8] J. Zhao and Y. Yu, "Brushless DC Motor Fundamentals," Application Note, Monolithic Power Systems, 2011. [Online]. Available: www.MonolithicPower.com
- [9] Y. Guo, Y. Zhang, and X. Li, "Position Correction Control of Permanent-Magnet Brushless Motor Based on Commutation-Interval Current Symmetry," *World Electric Vehicle Journal*, vol. 15, no. 5, May 2024, doi: 10.3390/wevj15050203.
- [10] A. Mohammad, A. Abedin, and Z. R. Khan, "Implementation of a three phase inverter for BLDC motor drive," in *Proc. 9th Int. Conf. Electr. Comput. Eng. (ICECE)*, 2016, pp. 337–340, doi: 10.1109/ICECE.2016.7853925.
- [11] I. Sholikhah *et al.*, "Pengaturan Kecepatan Motor BLDC Sensorless Menggunakan FOC," *JURNAL PENGEMBANGAN ELEKTRONIKA*, vol. 11, 2022.
- [12] R. Abdurrahman, N. A. Windarko, and B. Sumantri, "Estimasi Kecepatan Motor Brushless DC dengan Menggunakan Metode Sliding Mode Observer," *Jurnal Brilliant*, doi: 10.28926/briliant.

- [13] S. Gowtham, G. Sreenath, G. Sushanth, R. Suba, and M. Balaji, "Switch fault diagnosis using S-transform on three phase inverter for BLDC drive," *International Journal of Recent Technology and Engineering*, vol. 8, no. 2, pp. 58–65, Jul. 2019, doi: 10.35940/ijrte.B1014.0782S519.
- [14] C. L. Xia, *Permanent Magnet Brushless DC Motor Drives and Controls*. John Wiley & Sons, 2012, doi: 10.1002/9781118188537.
- [15] P. Kumar, R. K. Behera, and D. V. Bhaskar, "Novel closed loop speed control of permanent magnet brushless DC motor drive," in *Proc. Int. Conf. Technol. Smart City Energy Secur. Power (ICSESP)*, 2018, pp. 1–6, doi: 10.1109/ICSESP.2018.8376725.
- [16] K. Vinida and M. Chacko, "Sensorless Control of Brushless DC motors and H_{∞} Control Theory Applications-A Literature Review," *International Journal of Engineering Research and*, vol. 11, no. 1, pp. 19–25, doi: 10.9790/1676-11141925.
- [17] P. M. Krishna, T. Srinu, and A. Professor, "Analysis of Closed Loop Current Controlled BLDC Motor Drive," *International Journal of Scientific Research in Engineering and Management*, 2024, doi: 10.55041/IJSREM35689.
- [18] L. Prokop, "3-Phase BLDC Motor Control with Sensorless Back EMF Zero Crossing Detection Using 56F80x," *Application Note, Freescale Semiconductor*.
- [19] M. Topal, I. Iskender, and N. Genc, "Sensorless Speed Control of a BLDC Motor Using Improved Sliding Mode Observer Technique," *International Journal on Technical and Physical Problems of Engineering*, vol. 11, no. 38, pp. 1–9, Mar. 2019. [Online]. Available: www.iotpe.com