

REFERENCES

- [1] O. Mohammed, “A Study of Control Systems for Brushless DC Motors”, M.S. Thesis, The University of Toledo, 2014.
- [2] S. Rambabu, “Modeling and Control of a Brushless DC Motor”, M.S. Thesis, National Institute of Technology, Rourkela, 2007.
- [3] V. L. Sabaruddin, “Digital Control of Brushless DC Motor Using TI Piccolo Microcontroller”, Bachelor Thesis, Swiss German University, 2016.
- [4] P. Madaan, “Brushless DC Motors – Part I: Construction and Operating Principles”, How to Article, [Online]. Available: <https://www.edn.com/design/sensors/4406682/Brushless-DC-Motors---Part-I--Construction-and-Operating-Principles>
- [5] B. Vedder, “VESC – Open Source ESC”, Benjamin’s robotics, [Online]. Available: <http://vedder.se/2015/01/vesc-open-source-esc/>
- [6] P. Zheng, J. Wang, R. Liu, H. Jiang, S. Cui, and S. Cheng, “Performance Calculation of Brushless DC Motor”, 2005 International Conference on Electrical Machines and Systems, 2005.
- [7] M. B. D. Putra, “Design and Construction of Smart Locker System + Smart Card Payment System”, Bachelor Thesis, Swiss German University, 2017.
- [8] D. A. Grant and J. Gowar, “POWER MOSFETS: Theory and Applications”, John Wiley and Sons, Inc, ISBN 0-471-82867-X, 1989.
- [9] S. M. Sze, “Modern Semiconductor Device Physics”, John Wiley and Sons, Inc., ISBN 0-471-15237-4.
- [10] “What is an NTC Thermistor?”, <https://www.ametherm.com>. [Online]. Available: <https://www.ametherm.com/thermistor/what-is-an-ntc-thermistor>

- [11] T. J. Cavicchi, "Digital Signal Processing", Wiley India Pvt. Limited, 2000.
- [12] J. Cody, Ö. Göl, Z. Nedic, A. Nafalski, A. Mohtar "Regenerative Braking In An Electric Vehicle", University of South Australia, 2009
- [13] Texas Instrument, "DRV8302 Three Phase Gate Driver with Dual Current Shunt Amplifiers and Buck Regulator – Hardware Controlled", Texas Instrument, August 2011, Revised March 2016.
- [14] Zilog, Inc, "Electric Bike BLDC Hub Motor Control", Zilog, Inc., 2008
- [15] "An Electronic Speed Control Primer", <http://www.stefanv.com>, [Online]. Available: <http://www.stefanv.com/electronics/escprimer.html>
- [16] "Electronic Speed Controllers (ESC)", <http://www.rcmodels-wiz.co.uk>, [Online]. Available: <http://www.rcmodels-wiz.co.uk/rc-guides/electric-rc-models-guide/electronic-speed-controllers-esc/>
- [17] Texas Instruments, "Trapezoidal Control of BLDC Motors Using Hall Effect Sensors", Texas Instruments, July 2013
- [18] B. R. Kumar and K. K. P. Singh, "Speed Control of High-Speed BLDC with Pulse Amplitude Modulation Control", International Journal for Modern Trends in Science and Technology, Vol. 03, Issue 06, June 2017, pp. 81-87.
- [19] M. Sundaram, "www.eetimes.com", Cypress Semiconductor, 1 April 2012. [Online]. Available: https://www.eetimes.com/document.asp?doc_id=1279321
- [20] M. B. Bilal Akin, "Trapezoidal Control of BLDC Motors Using Hall Effect Sensors," Texas Instruments, February 2010.
- [21] "BLDC Motor – Brushless DC Motor Introduction", <http://www.nmbtc.com>. [Online]. Available: http://www.nmbtc.com/brushless-dc-motors/engineering/brushless_dc_motors_engineering/

- [22] P. Yedamale, "Brushless DC (BLDC) Motor Fundamentals," Microchip Technology Inc., 2003.
- [23] T. Agarwal, "Introduction to Electronic Speed Control (ESC) Working and Applications", <http://www.elprocus.com>. [Online]. Available: <https://www.elprocus.com/electronic-speed-control-esc-working-applications/>
- [24] "AVR223: Digital Filters with AVR", ATMEL, 2002.
- [25] M. Bhardwaj, "Sensored Field Oriented Control of 3-Phase Permanent Magnet Synchronous Motors," Texas Instruments, July 2013.
- [26] "Brushless DC Motors", <https://www.electrical4u.com>, [Online]. Available: <https://www.electrical4u.com/brushless-dc-motors/>
- [27] M. Mastriani, "Quantum spectral analysis: frequency in time", 2017, [Online]. Available: <https://hal.inria.fr/hal-01655209v1/document>
- [28] P. Stoica and R. Moses, "Spectra Analysis of Signal", Prentice Hall, New Jersey. 2005.
- [29] S. V. Gadewar and A. M. Jain, "Modelling and Simulation of Three Phase BLDC Motor for Electric Braking Using MATLAB/SIMULINK", International Journal of Electrical, Electronics and Data Communication, July 2017.
- [30] R. Rathore, N. Kaur, "Comparison Study of DIT and DIF Radix-2 FFT Algorithm", International Journal of Computer Applications, September 2016.
- [31] <http://alienpowersystem.com/shop/brushless-motors/aps-6374fr-outrunner-blcdc-motor-170kv-3200w/>